



Job Order Contract Construction Task Catalog[®]

CSI Division 01-46 March 2024 GEJOC16

San Bernardino County, Healthcare
General Engineering



NOT FOR BID

This Page Intentionally Left Blank

00 Using The Construction Task Catalog®	1
01 General Requirements	1
01 10 Summary	1
01 11 Summary Of Work	1
01 20 Price and Payment Procedures	1
01 22 Unit Prices	1
01 30 Administrative Requirements	44
01 35 Special Procedures	44
01 40 Quality Requirements	45
01 41 Regulatory Requirements	45
01 42 References	45
01 45 Quality Control	45
01 50 Temporary Facilities and Controls	48
01 51 Temporary Utilities	48
01 52 Construction Facilities	49
01 53 Temporary Construction	51
01 54 Construction Aids	51
01 55 Vehicular Access and Parking	53
01 56 Temporary Barriers and Enclosures	60
01 57 Temporary Controls	70
01 58 Project Identification	71
01 60 Product Requirements	72
01 65 Product Delivery Requirements	72
01 66 Product Storage and Handling Requirements	72
01 70 Execution and Closeout Requirements	72
01 71 Examination and Preparation	72
01 74 Cleaning and Waste Management	77
01 90 Life Cycle Activities	78
01 91 Commissioning	78
02 Existing Conditions	1
02 20 Assessment	1
02 25 Existing Material Assessment	1
02 30 Subsurface Investigation	1
02 32 Geotechnical Investigations	1
02 40 Demolition and Structure Moving	2
02 41 Demolition	2
02 42 Removal and Salvage of Construction Materials	20
02 43 Structure Moving	20
02 50 Site Remediation	20
02 58 Snow Control	20
02 60 Contaminated Site Material Removal	20
02 61 Removal and Disposal of Contaminated Soils	20
02 65 Underground Storage Tank Removal	21
02 80 Facility Remediation	24
02 81 Transportation and Disposal of Hazardous Materials	24
02 82 Asbestos Remediation	24
02 83 Lead Remediation	34
02 84 Polychlorinated Biphenyl Remediation	39
02 86 Hazardous Waste Drum Handling	40
02 87 Bio-Hazard Material Remediation	41
02 89 Hazmat Ancillary Tasks and Support	50
02 90 Disaster Recovery	50
02 90 50 Cleaning and Disaster Clean-up	50
02 90 55 Emergency Clean-up	54
03 Concrete	1
03 01 Maintenance of Concrete	1
03 01 20 Maintenance of Concrete Reinforcing	1
03 01 30 Maintenance of Cast-In-Place Concrete	1
03 05 Common Work Results For Concrete	5
03 05 13 Concrete Admixtures	5

Table of Contents

03 10 Concrete Forming and Accessories	5
03 11 Concrete Forming	5
03 15 Concrete Accessories	9
03 20 Concrete Reinforcing	19
03 21 Reinforcement Bars	19
03 22 Fabric and Grid Reinforcing	55
03 30 Cast-In-Place Concrete	56
03 30 53 Miscellaneous Cast-in-Place Concrete	56
03 31 Structural Concrete	57
03 35 Concrete Finishing	73
03 37 Specialty Placed Concrete	76
03 39 Concrete Curing	78
03 40 Precast Concrete	78
03 41 Precast Structural Concrete	78
03 48 Precast Concrete Specialties	87
03 50 Cast Decks and Underlayment	90
03 51 Cast Roof Decks	90
03 53 Concrete Topping	91
03 54 Cast Underlayment	91
03 60 Grouting	91
03 61 Cementitious Grouting	91
03 62 Non-Shrink Grouting	92
03 63 Epoxy Grouting	92
03 64 Injection Grouting	92
03 80 Concrete Cutting and Boring	93
03 81 Concrete Cutting	93
03 82 Concrete Boring	93

04 Masonry 1

04 01 Maintenance of Masonry	1
04 01 20 Maintenance of Unit Masonry	1
04 01 50 Maintenance of Refractory Masonry	10
04 05 Common Work Results for Masonry	10
04 05 13 Masonry Mortaring	10
04 05 16 Masonry Grouting	11
04 05 19 Masonry Anchorage and Reinforcing	11
04 05 23 Masonry Accessories	37
04 20 Unit Masonry	39
04 21 Clay Unit Masonry	39
04 22 Concrete Unit Masonry	42
04 23 Glass Unit Masonry	47
04 40 Stone Assemblies	47
04 41 Dry-Placed Stone	47
04 42 Exterior Stone Cladding	47
04 43 Stone Masonry	48
04 50 Refractory Masonry	49
04 51 Flue Liner Masonry	49
04 70 Manufactured Masonry	49
04 72 Cast Stone Masonry	50

05 Metals 1

05 05 Common Work Results for Metals	1
05 05 19 Post-Installed Concrete Anchors	1
05 05 21 Fastening Methods for Metal	12
05 05 23 Metal Fastenings	13
05 10 Structural Metal Framing	78
05 12 Structural Steel Framing	78
05 13 Structural Stainless-Steel Framing	140
05 14 Structural Aluminum Framing	140
05 15 Wire Rope Assemblies	142
05 20 Metal Joists	148
05 21 Steel Joist Framing	148
05 30 Metal Decking	148
05 31 Steel Decking	148
05 36 Composite Metal Decking	152
05 40 Cold-Formed Metal Framing	155
05 41 Structural Metal Stud Framing	155

05 42 Cold-Formed Metal Joist Framing.....	157
05 43 Slotted Channel Framing	157
05 44 Cold-Formed Metal Trusses	159
05 45 Metal Support Assemblies	160
05 50 Metal Fabrications	160
05 51 Metal Stairs.....	160
05 52 Metal Railings	162
05 53 Metal Gratings.....	171
05 54 Metal Floor Plates.....	179
05 55 Metal Stair Treads and Nosings	179
05 56 Metal Castings	181
05 58 Formed Metal Fabrications	181
05 59 Metal Specialties.....	183
05 70 Decorative Metal	191
05 71 Decorative Metal Stairs.....	191
05 73 Decorative Metal Railings	191
05 75 Decorative Formed Metal.....	192

06 Wood, Plastics, and Composites

1

06 01 Maintenance of Wood, Plastics, and Composites	1
06 01 10 Maintenance of Rough Carpentry	1
06 01 20 Maintenance of Finish Carpentry	1
06 01 40 Maintenance of Architectural Woodwork	1
06 05 Common Work Results for Wood, Plastics, and Composites	2
06 05 23 Wood, Plastic, and Composite Fastenings	2
06 05 73 Wood Treatment	24
06 10 Rough Carpentry	24
06 11 Wood Framing	24
06 13 Heavy Timber Construction	29
06 15 Wood Decking.....	31
06 16 Sheathing.....	36
06 17 Shop-Fabricated Structural Wood	42
06 18 Glued-Laminated Construction	48
06 20 Finish Carpentry	49
06 22 Millwork	49
06 25 Prefinished Paneling	50
06 40 Architectural Woodwork	51
06 41 Architectural Wood Casework	51
06 42 Wood Paneling.....	66
06 43 Wood Stairs and Railings	69
06 44 Ornamental Woodwork	71
06 46 Wood Trim	72
06 48 Wood Frames	90
06 49 Wood Screens and Exterior Wood Shutters	91
06 50 Structural Plastics.....	91
06 51 Structural Plastic Shapes and Plates.....	91
06 52 Plastic Structural Assemblies	97
06 53 Plastic Decking	98
06 60 Plastic Fabrications	98
06 65 Plastic Trim	98
06 70 Structural Composites	99
06 74 Composite Gratings	99
06 80 Composite Fabrications.....	101
06 81 Composite Railings.....	101
06 82 Composite Trim.....	101
06 83 Composite Paneling.....	103

07 Thermal And Moisture Protection

1

07 01 Operation and Maintenance of Thermal and Moisture Protection.....	1
07 01 50 Maintenance of Membrane Roofing.....	1
07 05 Common Work Results for Thermal and Moisture Protection	1
07 05 13 Mobilization Of Crew For Small Quantity Of Roof Work	1
07 10 Dampproofing and Waterproofing	1
07 11 Dampproofing	2
07 13 Sheet Waterproofing	2
07 14 Fluid-Applied Waterproofing	4
07 16 Cementitious and Reactive Waterproofing	4

Table of Contents

07 17 Bentonite Waterproofing	5
07 18 Traffic Coatings	5
07 19 Water Repellents	6
07 20 Thermal Protection	7
07 21 Thermal Insulation	7
07 22 Roof and Deck Insulation	19
07 24 Exterior Insulation and Finish Systems	46
07 25 Weather Barriers	49
07 26 Vapor Retarders	49
07 27 Air Barriers	49
07 30 Steep Slope Roofing	49
07 31 Shingles and Shakes	49
07 32 Roof Tiles	54
07 34 Roofing Underlayment	56
07 40 Roofing and Siding Panels	58
07 41 Roof Panels	58
07 42 Wall Panels	62
07 46 Siding	63
07 50 Membrane Roofing	67
07 51 Built-Up Bituminous Roofing	67
07 52 Modified Bituminous Membrane Roofing	75
07 53 Elastomeric Membrane Roofing	85
07 54 Thermoplastic Membrane Roofing	89
07 56 Fluid-Applied Roofing	96
07 57 Coated Foamed Roofing	96
07 58 Roll Roofing	98
07 59 Membrane Roofing Termination Bar	99
07 60 Flashing and Sheet Metal	99
07 61 Sheet Metal Roofing	99
07 62 Sheet Metal Flashing and Trim	101
07 63 Sheet Metal Roofing Specialties	106
07 65 Flexible Flashing	107
07 70 Roof and Wall Specialties and Accessories	108
07 71 Roof Specialties	108
07 72 Roof Accessories	136
07 73 Roof Protection Board	160
07 76 Roof Pavers	161
07 80 Fire and Smoke Protection	162
07 81 Applied Fireproofing	162
07 84 Firestopping	163
07 90 Joint Protection	171
07 91 Preformed Joint Seals	171
07 92 Joint Sealants	173
07 95 Expansion Control	177

08 Openings 1

08 01 Operation and Maintenance of Openings	1
08 01 10 Operation and Maintenance of Doors and Frames	1
08 01 40 Operation and Maintenance of Entrances, Storefronts, and Curtain Walls	1
08 01 50 Operation and Maintenance of Windows	1
08 01 70 Operation and Maintenance of Hardware	1
08 01 80 Maintenance of Glazing	2
08 05 Common Work Results for Openings	2
08 05 13 Door Options and Modifications	2
08 10 Doors and Frames	4
08 11 Metal Doors and Frames	4
08 12 Metal Frames	4
08 13 Metal Doors	28
08 14 Wood Doors	52
08 15 Plastic Doors	112
08 16 Composite Doors	113
08 17 Integrated Door Opening Assemblies	117
08 18 Glass Doors	121
08 30 Specialty Doors and Frames	124
08 31 Access Doors and Panels	124
08 33 Coiling Doors and Grilles	125
08 34 Special Function Doors	162
08 35 Folding Doors and Grilles	171

08 36 Panel Doors	171
08 38 Traffic Doors	179
08 40 Entrances, Storefronts, and Curtain Walls	196
08 42 Entrances	196
08 43 Storefronts	202
08 44 Curtain Wall and Glazed Assemblies	206
08 45 Translucent Wall and Roof Assemblies	208
08 50 Windows	208
08 51 Metal Windows	208
08 52 Wood Windows	224
08 53 Plastic Windows	286
08 54 Composite Windows	314
08 56 Special Function Windows	342
08 60 Roof Windows and Skylights	345
08 62 Unit Skylights	345
08 63 Metal-Framed Skylights	350
08 66 Wood-Framed Skylights	356
08 70 Hardware	356
08 71 Door Hardware	357
08 72 Weatherstripping, Thresholds and Seals	442
08 75 Window Hardware	454
08 78 Special Function Hardware	454
08 79 Hardware Accessories	454
08 80 Glazing	455
08 81 Glass Glazing	455
08 83 Mirrors	467
08 84 Plastic Glazing	468
08 85 Glazing Accessories	470
08 87 Glazing Surface Films	470
08 88 Special Function Glazing	471
08 90 Louvers and Vents	473
08 91 Louvers	473
08 95 Vents	507
09 Finishes	1
09 01 Maintenance of Finishes	1
09 01 20 Maintenance of Plaster and Gypsum Board	1
09 01 30 Maintenance of Tiling	1
09 01 60 Maintenance of Flooring	1
09 01 80 Maintenance of Acoustic Treatment	2
09 01 90 Maintenance of Painting and Coating	2
09 05 Common Work Results for Finishes	7
09 05 05 Selective Demolition for Finishes	7
09 05 61 Common Work Results for Flooring Preparation	7
09 05 71 Acoustic Underlayment	7
09 20 Plaster and Gypsum Board	8
09 22 Supports for Plaster and Gypsum Board	8
09 23 Gypsum Plastering	17
09 24 Cement Plastering	18
09 28 Backing Boards and Underlayments	19
09 29 Gypsum Board	20
09 30 Tiling	28
09 30 13 Ceramic Tiling	28
09 30 16 Quarry Tiling	29
09 30 23 Glass Mosaic Tiling	30
09 30 33 Stone Tiling	30
09 31 Thin-Set Tiling	34
09 32 Mortar-Bed Tiling	34
09 34 Waterproofing-Membrane Tiling	35
09 35 Chemical-Resistant Tiling	35
09 39 Tiling Transitions	36
09 50 Ceilings	36
09 51 Acoustical Ceilings	36
09 53 Acoustical Ceiling Suspension Assemblies	52
09 54 Specialty Ceilings	54
09 57 Special Function Ceilings	55
09 60 Flooring	56
09 61 Flooring Treatment	56

Table of Contents

09 63 Masonry Flooring	56
09 64 Wood Flooring	56
09 65 Resilient Flooring	60
09 66 Terrazzo Flooring	67
09 67 Fluid-Applied Flooring	70
09 68 Carpeting	71
09 69 Access Flooring	85
09 70 Wall Finishes	86
09 72 Wall Coverings	86
09 73 Wall Carpeting	87
09 74 Flexible Wood Sheets	87
09 77 Special Wall Surfacing	87
09 78 Interior Wall Paneling	87
09 80 Acoustic Treatment	88
09 81 Acoustic Insulation	88
09 84 Acoustic Room Components	89
09 90 Painting and Coating	90
09 91 Painting	90
09 93 Staining and Transparent Finishing	201
09 96 High-Performance Coatings	206
09 97 Special Coatings	210

10 Specialties 1

10 01 Operation and Maintenance of Specialties	1
10 01 30 Operation and Maintenance of Fireplaces and Stoves	1
10 01 40 Operation and Maintenance of Safety Specialties	1
10 01 50 Operation and Maintenance of Storage Specialties	1
10 10 Information Specialties	1
10 11 Visual Display Units	1
10 12 Display Cases	8
10 13 Directories	8
10 14 Signage	11
10 20 Interior Specialties	41
10 21 Compartments and Cubicles	41
10 22 Partitions	67
10 26 Wall and Door Protection	72
10 28 Toilet, Bath, and Laundry Accessories	83
10 30 Fireplaces and Stoves	95
10 31 Manufactured Fireplaces	95
10 32 Fireplace Specialties	95
10 40 Safety Specialties	96
10 41 Emergency Access And Information Cabinets	96
10 44 Fire Protection Specialties	97
10 45 Photoluminescent Exit Specialties	102
10 50 Storage Specialties	103
10 51 Lockers	103
10 55 Postal Specialties	117
10 56 Storage Assemblies	118
10 57 Wardrobe And Closet Specialties	122
10 70 Exterior Specialties	123
10 71 Exterior Protection	123
10 73 Protective Covers	133
10 75 Flagpoles	134
10 80 Other Specialties	136
10 81 Pest Control Devices	136
10 86 Security Mirrors And Domes	137

11 Equipment 1

11 01 Operation and Maintenance of Equipment	1
11 01 10 Operation and Maintenance of Vehicle and Pedestrian Equipment	1
11 10 Vehicle and Pedestrian Equipment	1
11 11 Vehicle Service Equipment	1
11 12 Parking Control Equipment	2
11 13 Loading Dock Equipment	3
11 14 Pedestrian Control Equipment	9
11 20 Commercial Equipment	11
11 21 Retail and Service Equipment	11

11 22 Banking Equipment.....	12
11 28 Office Equipment.....	12
11 30 Residential Equipment.....	12
11 30 13 Residential Appliances.....	12
11 30 33 Retractable Stairs.....	15
11 32 Unit Kitchens.....	17
11 40 Foodservice Equipment.....	17
11 41 Foodservice Storage Equipment.....	17
11 42 Food Preparation Equipment.....	38
11 44 Food Cooking Equipment.....	40
11 46 Food Dispensing Equipment.....	48
11 48 Foodservice Cleaning and Disposal Equipment.....	53
11 50 Educational and Scientific Equipment.....	55
11 51 Library Equipment.....	55
11 52 Audio-Visual Equipment.....	55
11 53 Laboratory Equipment.....	64
11 60 Entertainment and Recreation Equipment.....	73
11 66 Athletic Equipment.....	73
11 68 Play Field Equipment and Structures.....	75
11 70 Healthcare Equipment.....	100
11 71 Medical Sterilizing Equipment.....	100
11 72 Examination and Treatment Equipment.....	100
11 73 Patient Care Equipment.....	102
11 77 Radiology Equipment.....	105
11 78 Mortuary Equipment.....	105
11 79 Therapy Equipment.....	105
11 80 Facility Maintenance and Operation Equipment.....	106
11 81 Maintenance Equipment.....	106
11 82 Facility Solid Waste Handling Equipment.....	107
11 90 Other Equipment.....	107
11 95 Arts and Crafts Equipment.....	107
11 97 Security Equipment.....	107
11 98 Detention Equipment.....	107
12 Furnishings.....	1
12 01 Operation and Maintenance of Furnishings.....	1
12 01 60 Operation and Maintenance of Multiple Seating.....	1
12 20 Window Treatments.....	1
12 21 Window Blinds.....	1
12 22 Curtains and Drapes.....	1
12 23 Interior Shutters.....	4
12 24 Window Shades.....	6
12 25 Window Treatment Operating Hardware.....	14
12 30 Casework.....	14
12 31 Manufactured Metal Casework.....	14
12 35 Specialty Casework.....	19
12 36 Countertops.....	23
12 40 Furnishings and Accessories.....	26
12 41 Office Accessories.....	26
12 48 Rugs and Mats.....	26
12 50 Furniture.....	26
12 55 Detention Furniture.....	26
12 56 Institutional Furniture.....	29
12 59 Systems Furniture.....	37
12 60 Multiple Seating.....	47
12 61 Fixed Audience Seating.....	47
12 62 Portable-Audience Seating.....	49
12 66 Telescoping Stands.....	50
13 Special Construction.....	1
13 01 Operation and Maintenance of Special Construction.....	1
13 01 10 Operation and Maintenance of Special Facility Components.....	1
13 10 Special Facility Components.....	1
13 11 Swimming Pools.....	1
13 12 Fountains.....	2
13 20 Special Purpose Rooms.....	3
13 21 Controlled Environment Rooms.....	3

Table of Contents

13 30 Special Structures.....	3
13 34 Fabricated Engineered Structures.....	3
13 40 Integrated Construction.....	23
13 42 Building Modules.....	23
13 46 Lightning Protection Systems.....	23
13 47 Facility Protection.....	24
13 48 Sound, Vibration, and Seismic Control.....	25
13 49 Radiation Protection.....	27
14 Conveying Equipment	1
14 01 Operation and Maintenance of Conveying Equipment.....	1
14 01 20 Operation and Maintenance of Elevators.....	1
14 01 30 Operation and Maintenance of Escalators and Moving Walks.....	3
14 20 Elevators.....	3
14 21 Electric Traction Elevators.....	3
14 24 Hydraulic Elevators.....	5
14 26 Limited-Use/Limited-Application Elevators.....	10
14 27 Custom Elevator Cabs and Doors.....	10
14 28 Elevator Equipment and Controls.....	10
14 30 Escalators and Moving Walks.....	11
14 31 Escalators.....	11
14 32 Moving Walks.....	11
14 40 Lifts.....	11
14 41 People Lifts.....	11
14 42 Wheelchair Lifts.....	11
14 90 Other Conveying Equipment.....	12
14 91 Facility Chutes.....	12
21 Fire Suppression	1
21 01 Operation and Maintenance of Fire Suppression.....	1
21 01 10 Operation and Maintenance of Water-Based Fire-Suppression Systems.....	1
21 01 30 Operation and Maintenance of Fire-Suppression Equipment.....	1
21 05 Common Work Results for Fire Suppression.....	1
21 05 13 Common Motor Requirements for Fire-Suppression Equipment.....	1
21 05 16 Expansion Fittings and Loops for Fire-Suppression Piping.....	1
21 05 17 Sleeves and Sleeve Seals for Fire-Suppression Piping.....	2
21 05 19 Meters and Gages for Fire-Suppression Systems.....	2
21 05 23 General-Duty Valves for Water-Based Fire-Suppression Piping.....	2
21 05 29 Hangers and Supports for Fire-Suppression Piping and Equipment.....	4
21 05 33 Heat Tracing for Fire-Suppression Piping.....	4
21 05 48 Vibration and Seismic Controls for Fire-Suppression Piping and Equipment.....	4
21 05 53 Identification for Fire-Suppression Piping and Equipment.....	4
21 07 Fire-Suppression Systems Insulation.....	4
21 07 16 Fire-Suppression Equipment Insulation.....	4
21 07 19 Fire-Suppression Piping Insulation.....	4
21 10 Water-Based Fire-Suppression Systems.....	4
21 11 Facility Fire-Suppression Water-Service Piping.....	4
21 12 Fire-Suppression Standpipes.....	5
21 13 Fire-Suppression Sprinkler Systems.....	6
21 20 Fire-Extinguishing Systems.....	35
21 21 Carbon-Dioxide Fire-Extinguishing Systems.....	35
21 22 Clean-Agent Fire-Extinguishing Systems.....	35
21 23 Wet-Chemical Fire-Extinguishing Systems.....	44
21 24 Dry-Chemical Fire-Extinguishing Systems.....	47
21 30 Fire Pumps.....	49
21 31 Centrifugal Fire Pumps.....	49
21 34 Fire Pump Accessories.....	50
22 Plumbing	1
22 01 Operation and Maintenance of Plumbing.....	1
22 01 10 Operation and Maintenance of Plumbing Piping and Pumps.....	1
22 01 40 Operation and Maintenance of Plumbing Fixtures.....	1
22 05 Common Work Results for Plumbing.....	2
22 05 13 Common Motor Requirements for Plumbing Equipment.....	2
22 05 16 Expansion Fittings and Loops for Plumbing Piping.....	2
22 05 17 Sleeves and Sleeve Seals for Plumbing Piping.....	2

22 05 19 Meters and Gages for Plumbing Piping	2
22 05 23 General-Duty Valves for Plumbing Piping	2
22 05 29 Hangers and Supports for Plumbing Piping and Equipment	5
22 05 33 Heat Tracing for Plumbing Piping	5
22 05 48 Vibration and Seismic Controls for Plumbing Piping and Equipment	5
22 05 53 Identification for Plumbing Piping and Equipment	5
22 05 76 Facility Drainage Piping Cleanouts	5
22 07 Plumbing Insulation	8
22 07 16 Plumbing Equipment Insulation	8
22 07 19 Plumbing Piping Insulation	8
22 10 Plumbing Piping	39
22 11 Facility Water Distribution	39
22 12 Facility Potable-Water Storage Tanks	105
22 13 Facility Sanitary Sewerage	106
22 14 Facility Storm Drainage	179
22 15 General Service Compressed-Air Systems	190
22 30 Plumbing Equipment	194
22 31 Domestic Water Softeners	194
22 32 Domestic Water Filtration Equipment	195
22 33 Electric Domestic Water Heaters	197
22 34 Fuel-Fired Domestic Water Heaters	199
22 35 Domestic Water Heat Exchangers	203
22 40 Plumbing Fixtures	203
22 41 Residential Plumbing Fixtures	203
22 42 Commercial Plumbing Fixtures	204
22 43 Healthcare Plumbing Fixtures	219
22 45 Emergency Plumbing Fixtures	221
22 46 Security Plumbing Fixtures	226
22 47 Drinking Fountains and Water Coolers	228
22 50 Pool and Fountain Plumbing Systems	232
22 51 Swimming Pool Plumbing Systems	232
22 60 Gas and Vacuum Systems for Laboratory and Healthcare Facilities	240
22 62 Vacuum Systems for Laboratory and Healthcare Facilities	240
22 63 Gas Systems for Laboratory and Healthcare Facilities	240
22 66 Chemical-Waste Systems for Laboratory and Healthcare Facilities	242
22 67 Processed Water Systems for Laboratory and Healthcare Facilities	262
23 Heating, Ventilating, and Air-Conditioning (HVAC)	1
23 01 Operation and Maintenance of HVAC Systems	1
23 01 10 Operation and Maintenance of Facility Fuel Systems	1
23 01 20 Operation and Maintenance of HVAC Piping and Pumps	1
23 01 30 Operation and Maintenance of HVAC Air Distribution	4
23 01 50 Operation and Maintenance of Central Heating Equipment	5
23 01 60 Operation and Maintenance of Central Cooling Equipment	6
23 05 Common Work Results for HVAC	7
23 05 13 Common Motor Requirements for HVAC Equipment	7
23 05 16 Expansion Fittings and Loops for HVAC Piping	10
23 05 17 Sleeves and Sleeve Seals for HVAC Piping	19
23 05 19 Meters and Gages for HVAC Piping	19
23 05 23 General-Duty Valves For HVAC Piping	25
23 05 29 Hangers and Supports for HVAC Piping and Equipment	57
23 05 33 Heat Tracing for HVAC Piping	88
23 05 48 Vibration and Seismic Controls for HVAC	88
23 05 53 Identification for HVAC Piping and Equipment	95
23 05 66 Anti-Microbial Ultraviolet Emitters for HVAC Ducts and Equipment	95
23 05 93 Testing, Adjusting, and Balancing for HVAC	97
23 07 HVAC Insulation	100
23 07 13 Duct Insulation	100
23 07 16 HVAC Equipment Insulation	101
23 07 19 HVAC Piping Insulation	101
23 08 Commissioning of HVAC	105
23 09 Instrumentation and Control for HVAC	105
23 09 23 Direct-Digital Control System for HVAC	105
23 09 43 Pneumatic Control System For HVAC	136
23 10 Facility Fuel Systems	136
23 11 Facility Fuel Piping	136
23 12 Facility Fuel Pumps	149
23 13 Facility Fuel-Storage Tanks	150

Table of Contents

23 20 HVAC Piping and Pumps	160
23 21 Hydronic Piping and Pumps	160
23 22 Steam and Condensate Piping and Pumps	258
23 23 Refrigerant Piping.....	263
23 25 HVAC Water Treatment	268
23 30 HVAC Air Distribution.....	269
23 31 HVAC Ducts and Casings	269
23 33 Air Duct Accessories	359
23 34 HVAC Fans	421
23 35 Special Exhaust Systems.....	437
23 36 Air Terminal Units.....	439
23 37 Air Outlets and Inlets	441
23 38 Ventilation Hoods	457
23 40 HVAC Air Cleaning Devices.....	459
23 41 Particulate Air Filtration	459
23 42 Gas-Phase Air Filtration	465
23 43 Electronic Air Cleaners	466
23 50 Central Heating Equipment.....	467
23 51 Breechings, Chimneys, and Stacks.....	467
23 52 Heating Boilers	489
23 53 Heating Boiler Feedwater Equipment.....	509
23 54 Furnaces	510
23 55 Fuel-Fired Heaters	512
23 57 Heat Exchangers for HVAC.....	513
23 60 Central Cooling Equipment.....	515
23 61 Refrigerant Compressors	515
23 62 Packaged Compressor and Condenser Units	516
23 63 Refrigerant Condensers	518
23 64 Packaged Water Chillers.....	520
23 65 Cooling Towers	524
23 70 Central HVAC Equipment	529
23 71 Thermal Storage.....	529
23 72 Air-To-Air Energy Recovery Equipment	530
23 73 Indoor Central-Station Air-Handling Units	530
23 74 Packaged Outdoor HVAC Equipment	549
23 75 Custom-Packaged Outdoor HVAC Equipment.....	564
23 76 Evaporative Air-Cooling Equipment	564
23 80 Decentralized Unitary HVAC Equipment	564
23 81 Decentralized Unitary HVAC Equipment.....	564
23 82 Convection Heating and Cooling Units.....	578
23 83 Radiant Heating Units	595
23 84 Humidity Control Equipment.....	596

25 Integrated Automation 1

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

26 Electrical 1

26 01 Operation and Maintenance of Electrical Systems	1
26 01 10 Operation and Maintenance of Medium-Voltage Electrical Distribution	1
26 01 20 Operation and Maintenance of Low-Voltage Electrical Distribution	3
26 01 26 Maintenance Testing of Electrical Systems.....	13
26 01 30 Operation and Maintenance of Facility Electrical Power Generating and Storing Equipment	14
26 01 50 Operation and Maintenance of Lighting	17
26 05 Common Work Results for Electrical	45
26 05 13 Medium-Voltage Cables	45
26 05 19 Low-Voltage Electrical Power Conductors and Cables	50
26 05 23 Control-Voltage Electrical Power Cables	66
26 05 26 Grounding and Bonding for Electrical Systems.....	66
26 05 29 Hangers and Supports for Electrical Systems.....	71
26 05 33 Raceway and Boxes for Electrical Systems	92
26 05 36 Cable Trays for Electrical Systems	320
26 05 39 Underfloor Raceways for Electrical Systems	407
26 05 43 Underground Ducts and Raceways for Electrical Systems	409
26 05 46 Utility Poles for Electrical Systems	411
26 05 53 Identification for Electrical Systems.....	416
26 05 83 Wiring Connections	416

26 09 Instrumentation and Control for Electrical Systems	419
26 09 13 Electrical Power Monitoring	419
26 09 23 Lighting Control Devices	420
26 10 Medium-Voltage Electrical Distribution.....	444
26 11 Substations	444
26 12 Medium-Voltage Transformers	451
26 13 Medium-Voltage Switchgear	455
26 18 Medium-Voltage Circuit Protection Devices	458
26 19 High-Voltage Circuit Protection.....	458
26 20 Low-Voltage Electrical Distribution	460
26 21 Low-Voltage Electrical Service Entrance.....	460
26 22 Low-Voltage Transformers	462
26 24 Switchboards and Panelboards	470
26 25 Enclosed Bus Assemblies.....	514
26 27 Low-Voltage Distribution Equipment.....	519
26 28 Low-Voltage Circuit Protective Devices.....	537
26 29 Low-Voltage Controllers	567
26 30 Facility Electrical Power Generating and Storing Equipment.....	584
26 31 Photovoltaic Collectors	584
26 32 Packaged Generator Assemblies	588
26 33 Battery Equipment	598
26 35 Power Filters and Conditioners.....	600
26 36 Transfer Switches	601
26 40 Electrical And Cathodic Protection	606
26 43 Surge Protective Devices	606
26 50 Lighting.....	610
26 51 Interior Lighting	610
26 52 Safety Lighting	666
26 54 Classified Location Lighting	671
26 55 Special Purpose Lighting	673
26 56 Exterior Lighting	689

27 Communications

1

27 05 Common Work Results for Communications	1
27 05 26 Grounding and Bonding for Communications Systems	1
27 05 29 Hangers and Supports for Communications Systems	1
27 05 33 Conduits and Backboxes for Communications Systems	4
27 05 36 Cable Trays for Communications Systems.....	4
27 05 39 Surface Raceways for Communications Systems	4
27 05 43 Underground Ducts and Raceways for Communications Systems	4
27 05 46 Utility Poles for Communications Systems.....	4
27 05 53 Identification for Communications Systems.....	4
27 10 Structured Cabling.....	4
27 11 Communications Equipment Room Fittings.....	4
27 13 Communications Backbone Cabling.....	11
27 15 Communications Horizontal Cabling.....	13
27 16 Communications Connecting Cords, Devices, and Adapters	54
27 20 Data Communications	56
27 21 Data Communications Network Equipment	56
27 30 Voice Communications.....	59
27 31 Voice Communications Switching and Routing Equipment.....	59
27 32 Voice Communications Terminal Equipment.....	60
27 40 Audio-Video Communications	61
27 41 Audio-Video Systems.....	61
27 50 Distributed Communications and Monitoring Systems	63
27 51 Distributed Audio-Video Communications Systems	63
27 52 Healthcare Communications and Monitoring Systems	65
27 53 Distributed Systems	66

28 Electronic Safety and Security

1

28 05 Common Work Results for Electronic Safety and Security	1
28 05 26 Grounding and Bonding for Electronic Safety and Security.....	1
28 05 53 Identification for Electronic Safety and Security	1
28 10 Access Control	1
28 15 Integrated Access Control Hardware Devices	1
28 16 Access Control Interfaces.....	1
28 18 Security Access Detection Equipment.....	17

Table of Contents

28 20 Video Surveillance	17
28 21 Surveillance Cameras	17
28 30 Security Detection, Alarm, and Monitoring.....	37
28 31 Intrusion Detection	37
28 40 Life Safety	37
28 42 Gas Detection and Alarm	37
28 43 Fuel Oil Detection and Alarm	38
28 46 Fire Detection and Alarm.....	38
28 47 Mass Notification	84
28 49 Electronic Personal Protection Systems	87

31 Earthwork 1

31 01 Maintenance of Earthwork	1
31 01 20 Maintenance of Earth Moving	1
31 05 Common Work Results for Earthwork.....	1
31 05 13 Soils for Earthwork	1
31 05 16 Aggregates for Earthwork.....	2
31 05 36 Equipment Delivery, Pickup, Mobilization and Demobilization.....	4
31 10 Site Clearing	4
31 11 Clearing and Grubbing	4
31 13 Selective Tree and Shrub Removal and Trimming.....	4
31 20 Earth Moving.....	6
31 22 Grading.....	6
31 23 Excavation and Fill	7
31 24 Embankments	14
31 25 Erosion and Sedimentation Controls.....	16
31 30 Earthwork Methods.....	20
31 31 Soil Treatment.....	20
31 32 Soil Stabilization	20
31 35 Slope Protection	30
31 36 Gabions	30
31 37 Riprap	30
31 40 Shoring and Underpinning	30
31 41 Shoring	31
31 43 Concrete Raising.....	31
31 45 Vibroflotation and Densification.....	32
31 50 Excavation Support and Protection.....	32
31 52 Cofferdams.....	32
31 60 Special Foundations and Load-bearing Elements	32
31 62 Driven Piles	32
31 63 Bored Piles.....	36
31 64 Caissons.....	38
31 66 Special Foundation.....	42
31 68 Foundation Anchors	42

32 Exterior Improvements 1

32 01 Operation and Maintenance of Exterior Improvements	1
32 01 11 Paving Cleaning	1
32 01 13 Flexible Paving Surface Treatment	2
32 01 16 Flexible Paving Rehabilitation	3
32 01 17 Flexible Paving Repair	5
32 01 26 Rigid Paving Rehabilitation	7
32 01 29 Rigid Paving Repair.....	7
32 01 90 Operation and Maintenance of Planting	8
32 05 Common Work Results for Exterior Improvements.....	12
32 05 23 Cement and Concrete for Exterior Improvements.....	12
32 05 33 Common Work Results for Planting	12
32 10 Bases, Ballasts, and Paving	12
32 11 Base Courses.....	12
32 12 Flexible Paving	13
32 13 Rigid Paving	20
32 14 Unit Paving.....	24
32 15 Aggregate Surfacing.....	27
32 16 Curbs, Gutters, Sidewalks, and Driveways	27
32 17 Paving Specialties.....	35
32 18 Athletic and Recreational Surfacing	48
32 30 Site Improvements	56

32 31 Fences and Gates	56
32 32 Retaining Walls	138
32 33 Site Furnishings	144
32 35 Screening Devices	158
32 39 Manufactured Site Specialties	158
32 80 Irrigation	160
32 84 Planting Irrigation	160
32 90 Planting	178
32 91 Planting Preparation	178
32 92 Turf and Grasses	181
32 93 Plants	186
32 94 Planting Accessories	226
32 96 Transplanting	230
33 Utilities	1
33 01 Operation and Maintenance of Utilities	1
33 01 10 Operation and Maintenance of Water Utilities	1
33 01 30 Operation and Maintenance of Sewer Utilities	5
33 01 34 Operation and Maintenance of Onsite Wastewater Disposal Systems	88
33 01 40 Operation and Maintenance of Stormwater Utilities	88
33 01 70 Operation and Maintenance of Electrical Utilities	89
33 05 Common Work Results for Utilities	91
33 05 07 Trenchless Installation of Utility Piping	91
33 05 09 Piping Specials for Utilities	93
33 05 16 Cast-Iron Utility Pipe	94
33 05 17 Copper Utility Pipe and Tubing	94
33 05 19 Ductile-Iron Utility Pipe	94
33 05 24 Steel Utility Pipe	94
33 05 27 Corrugated Metal Utility Pipe	94
33 05 31 Thermoplastic Utility Pipe	94
33 05 33 Polyethylene Utility Pipe	94
33 05 39 Concrete Pipe	95
33 05 41 Vitrified Clay Utility Pipe	95
33 05 61 Concrete Manholes	95
33 05 63 Concrete Vaults and Chambers	96
33 05 81 Metallic Castings for Utility Structures	106
33 05 83 Non-Metallic Accessories for Utility Structures	106
33 05 84 Accessories for Utility Structures	107
33 05 97 Identification and Signage for Utilities	109
33 10 Water Utilities	110
33 11 Groundwater Sources	110
33 14 Water Utility Transmission and Distribution	118
33 16 Water Utility Storage Tanks	229
33 19 Water Utility Metering Equipment	229
33 30 Sanitary Sewerage Utilities	230
33 31 Sanitary Sewerage Piping	230
33 32 Sanitary Sewerage Equipment	238
33 34 Onsite Wastewater Disposal	240
33 40 Stormwater Utilities	241
33 41 Subdrainage	241
33 42 Stormwater Conveyance	245
33 44 Storm Utility Water Drains	308
33 46 Stormwater Management	310
33 50 Hydrocarbon Utilities	311
33 52 Hydrocarbon Transmission and Distribution	311
33 53 Hydrocarbon Utility Pressure Regulation	314
33 56 Hydrocarbon Storage	314
33 59 Hydrocarbon Utility Metering	314
33 60 Hydronic and Steam Energy Utilities	315
33 61 Hydronic Energy Distribution	315
33 70 Electrical Utilities	335
33 71 Electrical Utility Transmission and Distribution	335
34 Transportation	1
34 01 Operation and Maintenance of Transportation	1
34 01 23 Operation and Maintenance of Railways	1
34 01 43 Operation and Maintenance of Bridges	1

Table of Contents

34 05 Common Work Results for Transportation.....	1
34 05 43 Common Work Results for Bridges.....	1
34 10 Guideways/Railways.....	16
34 11 Rail Tracks.....	16
34 40 Transportation Signaling and Control Equipment.....	16
34 41 Roadway Signaling and Control Equipment.....	16
34 43 Airfield Signaling and Control Equipment.....	25
34 70 Transportation Construction and Equipment.....	32
34 71 Roadway Construction.....	32
34 80 Bridges.....	39
34 82 Bridge Specialties.....	39
35 Waterway and Marine Construction	1
35 05 Common Work Results for Waterway and Marine Construction.....	1
35 05 70 Common Work Results for Dams.....	1
35 20 Waterway and Marine Construction and Equipment.....	1
35 22 Hydraulic Gates.....	1
35 24 Dredging.....	4
40 Process Interconnections	1
40 05 Common Work Results For Process Interconnections.....	1
40 05 19 Ductile Iron Process Pipe.....	1
40 05 23 Stainless Steel Process Pipe and Tubing.....	231
40 05 31 Thermoplastic Process Pipe.....	264
40 05 38 PTFE Process Pipe.....	270
40 05 41 Glass Process Pipe.....	272
41 Material Processing and Handling Equipment	1
41 01 Operation and Maintenance of Material Processing and Handling Equipment.....	1
41 01 20 Operation and Maintenance of Piece Material Handling Equipment.....	1
41 20 Piece Material Handling Equipment.....	1
41 22 Cranes and Hoists.....	1
41 50 Material Storage.....	2
41 53 Storage Equipment and Systems.....	2
43 Process Gas and Liquid Handling, Purification, and Storage Equipment	1
43 05 Common Work Results for Process Gas and Liquid Handling, Purification, and Storage Equipment.....	1
43 05 10 Common Work Results for Gas Handling Equipment.....	1
43 20 Liquid Handling Equipment.....	1
43 23 Dry Location Liquid Pumps.....	1
43 24 Suspended Liquid Pumps.....	2
43 40 Gas and Liquid Storage.....	2
43 42 Pressurized Tanks And Vessels.....	2
46 Water And Wastewater Equipment	1
46 30 Water and Wastewater Chemical Feed Equipment.....	1
46 31 Gas Chemical Feed Equipment.....	1

About the CTC:

- ☑ This Construction Task Catalog® (CTC) was developed and customized by The Gordian Group, Inc. specifically for **San Bernardino County**, priced locally using current labor, material and equipment costs, and published in March 2024.
- ☑ The Gordian Group, Inc. licenses the use of this CTC and other proprietary information and software for the sole purpose of providing Job Order Contracting services to **San Bernardino County**. Use of this CTC and other proprietary information and software for any other purpose, or for any other entity, is expressly prohibited without the express written consent of The Gordian Group, Inc.

MasterFormat™

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



MasterFormat® is produced jointly by CSI and Construction Specifications Canada (CSC). U.S. copyright is held by CSI and Canadian copyright by CSC. All Rights Reserved. For license information, contact CSI at csi@csinet.org. For more information on MasterFormat visit www.MasterFormat.com

The Unit Prices Include:

LABOR COSTS:

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

EQUIPMENT COSTS:

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

MATERIAL COSTS:

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

The Adjustment Factors Include:

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

BUSINESS COSTS:

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

Using The Construction Task Catalog®

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

PROJECT RELATED COSTS:

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

- ☑ Costs resulting from inadequate supply of building materials, fuel, electricity, or skilled labor.
- ☑ Daily clean-up.
- ☑ Final professional clean-up.

PRICE VARIATIONS:

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

SUMMARY:

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

Unit Price	X	Quantity	X	Adjustment Factor

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

General Rules:

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

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

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

DEMOLITION:

- ☑ Unit prices for demolition include all labor, equipment and material required for the complete removal of the items; clean-up of the area; and

transporting the demolished items up or down 2 stories into a truck, dumpster, or to an Owner designated area, located within 125' of the project site.

- ☑ Unit prices for demolition exclude costs for hauling (See 01741900), dump fees (See 01741900), dumpsters (See 01741900), and trash chutes (See 01741900).
- ☑ If the item being demolished is attached to another item being removed and can be removed as one item, then that item shall not be priced as a separate demolition Task, unless the component must be demolished separately to accomplish the work (e.g. demolition of pipe includes pipe fittings unless the fitting must be demolished separately to accomplish the work; demolition of a wood door includes hinges, hardware, closures, kick plates, etc.).
- ☑ The word "replace" includes removal of the existing item and installation of the new item.
- ☑ The words "remove and relocate" or "remove and reinstall" include removal, cleaning, and installation of the existing item in either the same location or another location.
- ☑ Salvageable materials are the property of the Owner and shall, if directed, be turned over to the Owner.

WORKING HEIGHT:

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

FIELD ENGINEERING:

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

Using The Construction Task Catalog®

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

ASSEMBLIES:

- ☑ Assembly Tasks take precedence over individual component Tasks.

RESTRICTED AND CONFINED SPACES:

- ☑ Restricted Working Space is defined as any area with less than 3' vertical or horizontal clearance and includes areas such as crawl spaces, ceiling plenums where the grid is not removed, narrow piping tunnels, and equipment rooms where the space to install the new work is congested as a result of equipment and piping placement that meet these dimensional restrictions. A Restricted Working Space modifier is available for certain mechanical piping and piping accessories Tasks and for certain electrical conduit and conduit accessories Tasks. Only those Tasks with a modifier for Restricted Working Space are eligible for a price adjustment, and then only if the modifier applies to the contemplated Tasks. A Non-Prepriced Task will not be allowed because of Restricted Working Space for any Task.
- ☑ The Code of Federal Regulations (29 CFR part 1926, Subpart AA) define confined spaces and permit-required confined spaces for construction and set forth requirements, procedures and safety precautions for working in such spaces. If the Contractor must work in a confined space or a permit-required confined space and must provide ventilation equipment, air monitoring equipment and services, entry attendants, entry supervisors, site-specific training for workers, or other equipment and services required by the regulations, then the Contractor shall be paid for such equipment, services and training. Those costs shall not be included in the Adjustment Factors.

Or Equals:

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

Useful Information:

UNIT OF MEASURE DEFINITIONS:

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

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

MATERIAL WEIGHTS:

EARTHEN MATERIAL

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

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

BULK FACTORS FOR DEMOLITION:

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

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

CONVERSIONS:

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

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

1 Centimeter = 0.3937 Inches = 0.0328 Feet

1 Cubic Foot = 0.03704 Cubic Yards = 0.02832 Cubic Meters

1 Cubic Meter = 1.3080 Cubic Yards = 35.3147 Cubic Feet

1 Cubic Yard = 27 Cubic Feet = 0.7646 Cubic Meters

1 Foot = 12 Inches = 0.3048 Meters

1 Inch = 2.54 Centimeters = 0.0254 Meters

1 Kilogram = 2.2046 Pounds

1 Kilometer = 0.6214 Miles = 3280 Feet

1 Meter = 100 Centimeters = 3.2808 Feet

1 Mile = 5280 Feet = 1.6093 Kilometers

1 Pound = 0.4536 Kilograms

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

1 Square Meter = 1.1960 Square Yards = 10.7639 Square Feet

1 Square Yard = 9 Square Feet = 0.8361 Square Meters

1 Ton = 2000 Pounds = 907.185 Kilograms

1 Yard = 3 Feet = 0.9144 Meters

Using The Construction Task Catalog®

Complete Management, PROGEN, eGordian, ezIQC, Construction Task Catalog, Catalog of Construction Tasks, and DMAP are either registered trademarks or trademarks of The Gordian Group, Inc. The names of actual companies and products mentioned herein may be the trademarks of their respective owners.

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

STANDARD GEOMETRY:

Circle

- Circumference = $2 \pi \text{ radius} = \pi \text{ diameter}$
- Area = $\pi \text{ radius}^2 = \pi (\text{diameter}^2 / 4)$

Cylinder

- Volume = $(\pi \text{ radius}^2) \text{ height}$
- Surface Area = $2 \pi \text{ radius}^2 + (2 \pi \text{ radius}) \text{ height}$

Sphere

- Volume = $(4 \pi \text{ radius}^3) / 3$
- Surface Area = $4 \pi \text{ radius}^2$

$\pi = 3.14159$

United Inch

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

TRADEMARKS

- ☒ Job Order Contracting Advanced, Job Order Contracting Complete, Job Order Contracting



General Requirements			01
Summary			01 10
Summary Of Work			01 11

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

01 General Requirements

01 10 Summary ⁽⁰¹⁾

01 11 Summary Of Work ^(01 10)

01 11 13 Work Covered by Contract Documents ^(01 11)

Note: For specification publishing. Review specifications for requirements.

01 11 13 00-0001	NTE	Work Covered by Contract Documents	0.00

Note: For specification publishing. Review specifications for requirements.

01 11 19 Purchase Contracts ^(01 11)

01 11 19 00-0001 Purchase Contracts ^(01 11 19)

Note: Purchase Contracts include contracts which are not included in The Construction Task Catalog®.

01 11 19 00-0002	EA	Purchase Contracts	1.00

Note: Purchase Contracts will be paid to the contractor for eligible costs as directed by Owner. The base cost of the purchase is \$1.00, quantity will adjust cost to actual purchase cost, i.e.; quantity of 125 = \$125.00 purchase. If there are multiple Purchase Contracts, list each one separately and add a comment in the "note" block to identify the Purchase Contracts. Insert the appropriate quantity to adjust the base cost to the actual Purchase Contracts. The Adjustment Factor should be 1.00. A copy of each receipt, invoice, or proof of payment shall be submitted with the Price Proposal.

01 20 Price and Payment Procedures ⁽⁰¹⁾

01 22 Unit Prices ^(01 20)

01 22 16 Unit Price Payment ^(01 22)

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

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

01 22 16 00-0002	EA	Reimbursable Fees	1.00

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

01 22 20 Wage Rates ^(01 22)

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

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

01 22 20 00-0002	HR	Asbestos Removal Worker	101.04
Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.			
For Apprentice, Deduct			-20.21
01 22 20 00-0003	HR	Insulator	106.27
Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.			
For Apprentice, Deduct			-21.25
01 22 20 00-0004	HR	Boilermaker	102.35
Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.			
For Apprentice, Deduct			-20.47
01 22 20 00-0005	HR	Brick Layer	90.61
Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.			
For Apprentice, Deduct			-18.12
01 22 20 00-0006	HR	Carpenter	107.23
Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.			
For Apprentice, Deduct			-21.45
01 22 20 00-0007	HR	Carpenter, Bridge Builder	112.34
Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.			
For Apprentice, Deduct			-22.47
For Foreperson, Add			5.62
01 22 20 00-0008	HR	Carpet, Linoleum	86.55
Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.			
For Apprentice, Deduct			-17.31
01 22 20 00-0009	HR	Cement Mason	92.10
Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.			
For Apprentice, Deduct			-18.42
01 22 20 00-0010	HR	Drywall Finisher	97.34
Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.			
For Apprentice, Deduct			-19.47
01 22 20 00-0011	HR	Electrician	122.22
Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.			
For Apprentice, Deduct			-24.44
01 22 20 00-0012	HR	Electrician, Cable Splicer	126.80
Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.			
For Apprentice, Deduct			-25.36
For Foreperson, Add			6.34

01	General Requirements
01 20	Price and Payment Procedures
01 22	Unit Prices



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 20 00-0013	HR		Communication And System Technician	77.20	
			Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
			<i>For Apprentice, Deduct</i>	-15.44	
01 22 20 00-0014	HR		Equipment Operator (Crane Group 3)	120.70	
			Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
			<i>For Foreperson, Add</i>	6.04	
01 22 20 00-0015	HR		Equipment Operator (Crane Group 5)	121.22	
			Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
			<i>For Foreperson, Add</i>	6.06	
01 22 20 00-0016	HR		Equipment Operator (Crane Group 7)	121.55	
			Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
			<i>For Foreperson, Add</i>	6.08	
01 22 20 00-0017	HR		Equipment Operator (Crane Group 8)	121.79	
			Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
			<i>For Foreperson, Add</i>	6.09	
01 22 20 00-0018	HR		Equipment Operator (Crane Group 9)	122.04	
			Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
			<i>For Foreperson, Add</i>	6.10	
01 22 20 00-0019	HR		Equipment Operator (Crane Group 10)	123.48	
			Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
			<i>For Foreperson, Add</i>	6.17	
01 22 20 00-0020	HR		Equipment Operator (Crane Group 11)	124.91	
			Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
			<i>For Foreperson, Add</i>	6.25	
01 22 20 00-0021	HR		Equipment Operator (Crane Group 12)	126.35	
			Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
			<i>For Foreperson, Add</i>	6.32	
01 22 20 00-0022	HR		Equipment Operator (Crane Group 13)	127.79	
			Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
			<i>For Foreperson, Add</i>	6.39	
01 22 20 00-0023	HR		Equipment Operator (Group 2)	118.34	
			Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
			<i>For Apprentice, Deduct</i>	-23.67	
			<i>For Foreperson, Add</i>	5.92	
01 22 20 00-0024	HR		Equipment Operator (Group 3)	118.76	
			Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
			<i>For Apprentice, Deduct</i>	-23.75	
			<i>For Foreperson, Add</i>	5.94	
01 22 20 00-0025	HR		Equipment Operator (Group 4)	120.90	
			Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
			<i>For Apprentice, Deduct</i>	-24.18	
01 22 20 00-0026	HR		Equipment Operator (Group 6)	121.22	
			Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
			<i>For Apprentice, Deduct</i>	-24.24	
			<i>For Foreperson, Add</i>	6.06	
01 22 20 00-0027	HR		Equipment Operator (Group 8)	121.38	
			Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
			<i>For Apprentice, Deduct</i>	-24.28	
01 22 20 00-0028	HR		Equipment Operator (Group 10)	121.55	
			Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
			<i>For Apprentice, Deduct</i>	-24.31	
			<i>For Foreperson, Add</i>	6.08	
01 22 20 00-0029	HR		Equipment Operator (Group 12)	121.79	
			Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
			<i>For Apprentice, Deduct</i>	-24.36	
			<i>For Foreperson, Add</i>	6.09	
01 22 20 00-0030	HR		Glazier	108.41	
			Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
			<i>For Apprentice, Deduct</i>	-21.68	
01 22 20 00-0031	HR		Laborer	96.60	
			Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
01 22 20 00-0032	HR		Lather	99.45	
			Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
			<i>For Apprentice, Deduct</i>	-19.89	
01 22 20 00-0033	HR		Marble Setter	90.61	
			Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
			<i>For Apprentice, Deduct</i>	-18.12	
01 22 20 00-0034	HR		Millwright	100.70	
			Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
			<i>For Apprentice, Deduct</i>	-20.14	
01 22 20 00-0035	HR		Mold Removal Worker	100.63	
			Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
			<i>For Apprentice, Deduct</i>	-20.13	
			<i>For Foreperson, Add</i>	5.03	
01 22 20 00-0036	HR		Painter, Ordinary	76.49	
			Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
			<i>For Apprentice, Deduct</i>	-15.30	
01 22 20 00-0037	HR		Painter, Structural Steel	81.47	
			Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
			<i>For Apprentice, Deduct</i>	-16.29	
01 22 20 00-0038	HR		Paperhanger	76.49	
			Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
			<i>For Apprentice, Deduct</i>	-15.30	
01 22 20 00-0039	HR		Pile Drivers	106.25	
			Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
			<i>For Apprentice, Deduct</i>	-21.25	



General Requirements			01	5
Price and Payment Procedures			01 20	
Unit Prices			01 22	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 20 00-0040	HR	Plasterer	95.17	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	-19.03	
01 22 20 00-0041	HR	Plumber	110.03	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	-22.01	
01 22 20 00-0042	HR	Powderman	105.84	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	-21.17	
01 22 20 00-0043	HR	Rodman (Reinforcing)/Ornamental Steel Worker	103.99	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	-20.80	
01 22 20 00-0044	HR	Roofer, Composite	113.79	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	-22.76	
01 22 20 00-0045	HR	Roofer, Metal	144.96	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	-28.99	
		For Foreperson, Add	7.25	
01 22 20 00-0046	HR	Roofer, Tile/Slate	110.16	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	-22.03	
01 22 20 00-0047	HR	Sheet Metal Worker	117.11	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	-23.42	
01 22 20 00-0048	HR	Sprinkler Installer	108.63	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	-21.73	
01 22 20 00-0049	HR	Steam / Pipe Fitter	110.03	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	-22.01	
01 22 20 00-0050	HR	Stone Mason	90.61	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	-18.12	
01 22 20 00-0051	HR	Structural Steel Worker	107.14	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	-21.43	
01 22 20 00-0052	HR	Tile Layer	87.03	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	-17.41	
01 22 20 00-0053	HR	Terrazzo Worker	82.11	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	-16.42	
01 22 20 00-0054	HR	Truck Driver (Group 2)	93.63	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	-18.73	
01 22 20 00-0055	HR	Truck Driver (Group 3)	93.82	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	-18.76	
		For Foreperson, Add	4.69	
01 22 20 00-0056	HR	Truck Driver (Group 4)	94.10	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	-18.82	
		For Foreperson, Add	4.71	
01 22 20 00-0057	HR	Truck Driver (Group 5)	94.15	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	-18.83	
		For Foreperson, Add	4.71	
01 22 20 00-0058	HR	Truck Driver (Group 6)	94.19	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	-18.84	
01 22 20 00-0059	HR	Truck Driver (Group 7)	94.56	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	-18.91	
01 22 20 00-0060	HR	Truck Driver (Group 8)	94.93	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	-18.99	
		For Foreperson, Add	4.75	
01 22 20 00-0061	HR	Truck Driver (Group 9)	95.23	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	-19.05	
		For Foreperson, Add	4.76	
01 22 20 00-0062	HR	Class I Diver	209.34	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
01 22 20 00-0063	HR	Class III Diver Tender	117.45	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
01 22 20 00-0064	HR	D1 Certified Welder	124.61	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
01 22 20 00-0065		Rates For Services (01 22 20)		
01 22 20 00-0066	HR	Watch/Guard Person, Unarmed	37.86	
01 22 20 00-0067	HR	Watch/Guard Person, Armed	48.66	
01 22 20 00-0068	HR	Senior Surveyor (Party Chief)	131.20	
01 22 20 00-0069	HR	Surveyor (Instrument person)	122.59	

01	General Requirements
01 20	Price and Payment Procedures
01 22	Unit Prices



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 20 00-0070	HR	Surveyor (Rod Person)	121.61	
01 22 20 00-0071	HR	On-Site Certified Materials Testing Technician	90.85	
01 22 20 00-0072	HR	Certified Industrial Hygienist	122.50	
01 22 20 00-0073	MI	Mileage For Professional Services (Engineering, Surveying, Etcetera)	0.66	
		Note: For use only when the Owner directs the contractor to use personnel whose base of operations is more than 100 miles from the site. Quantity shall be miles that exceed 100.		
01 22 20 00-0074	HR	Fire Watch Laborer	96.60	
		Note: Fire watchers shall be required whenever welding or cutting is performed in locations where other than a minor fire might develop, or any of the following conditions exist: (1) Appreciable combustible material, in building construction or contents, closer than 35 feet (10.7 m) to the point of operation. (2) Appreciable combustibles are more than 35 feet (10.7 m) away but are easily ignited by sparks. (3) Wall or floor openings within a 35-foot (10.7 m) radius expose combustible material in adjacent areas including concealed spaces in walls or floors. (4) Combustible materials are adjacent to the opposite side of metal partitions, walls, ceilings, or roofs and are likely to be ignited by conduction or radiation.		
01 22 20 00-0075		Rates For Project Management Services (01 22 20)		
01 22 20 00-0076	HR	Project Manager	156.25	
01 22 20 00-0077		Rates For Architectural And Engineering Services (01 22 20)		
		Note: For preparation of contract documents, structural and/or design drawings, special investigating requirements or services outside required architectural and engineering services.		
01 22 20 00-0078	HR	Principal Architect	237.50	
01 22 20 00-0079	HR	Senior Architect	175.00	
01 22 20 00-0080	HR	Architect	137.50	
01 22 20 00-0081	HR	Principal Engineer	205.00	
01 22 20 00-0082	HR	Senior Engineer	170.00	
01 22 20 00-0083	HR	Engineer	133.75	
01 22 20 00-0084	HR	Draft Person	70.00	
01 22 20 00-0085		Rates For Traffic Control (01 22 20)		
01 22 20 00-0086	HR	Flagperson For Traffic Control	96.60	
01 22 20 00-0087		Mobilize Equipment (01 22 20)		
01 22 20 00-0088	HR	Escort Vehicle With Driver	107.65	
01 22 20 00-0089	HR	Transport Vehicle With Driver	140.10	
01 22 20 00-0090		Diver Rates (01 22 20)		
01 22 20 00-0091	DAY	Four Person Dive Team With No Decompression Chamber (Up To Fifty Feet)	5,237.71	
		Note: Includes labor and equipment to perform the dive portion of the job. Excludes welding machines, underwater burning and welding rigs, generators, tools, underwater video equipment, air compressors, pumps, and boats.		
01 22 20 00-0092	DAY	Eight Person Dive Team With Decompression Chamber (Up To Two Hundred Feet)	9,758.37	
		Note: Includes labor and equipment to perform the dive portion of the job. Excludes welding machines, underwater burning and welding rigs, generators, tools, underwater video equipment, air compressors, pumps, and boats.		
01 22 20 00-0093	DAY	Decompression Chamber And 5120 Air Compressor	1,473.40	
01 22 20 00-0094	DAY	Decompression Chamber Stand-By	669.72	
01 22 20 00-0095	NPP	HP Air Bottles (NPP To Be Billed At Cost Plus 15%)	0.00	
01 22 20 00-0096	NPP	Oxygen Bottles (NPP To Be Billed At Cost Plus 15%)	0.00	
01 22 20 00-0097	NPP	Nitrox Bottles (NPP To Be Billed At Cost Plus 15%)	0.00	
01 22 20 00-0098	DAY	Mixed Gas Console	133.94	
01 22 20 00-0099	DAY	Bail Out System	334.86	
01 22 20 00-0100	DAY	Explosive Meter	120.55	
01 22 20 00-0101	DAY	200 Amperes, Welding Machine With Leads	288.38	
01 22 20 00-0102	DAY	400 Amperes, Welding Machine With Leads	400.74	
01 22 20 00-0103	DAY	Topside Burning Rig	133.94	
01 22 20 00-0104	DAY	Underwater Burning Rig	241.10	
01 22 20 00-0105	DAY	Underwater Welding Rig	375.05	
01 22 20 00-0106	EA	Underwater Burning Rods	10.45	
01 22 20 00-0107	EA	Underwater Welding Rods	5.09	
01 22 20 00-0108	NPP	Oxygen / Acetylene (NPP To Be Billed At Cost Plus 15%)	0.00	
01 22 20 00-0109	DAY	2,000 Watt Generator	97.63	
01 22 20 00-0110	DAY	3,000 Watt Generator	111.73	
01 22 20 00-0111	DAY	50 KW Generator	685.68	
01 22 20 00-0112	DAY	Hydraulic Unit	267.89	
01 22 20 00-0113	DAY	Hydraulic Tools	107.16	
01 22 20 00-0114	DAY	Pneumatic Tools	66.97	
01 22 20 00-0115	NPP	Concrete Chain Saw Blades (NPP To Be Billed At Cost Plus 15%)	0.00	
01 22 20 00-0116	DAY	Roto Drill	107.16	
01 22 20 00-0117	DAY	Underwater Video Equipment And Monitor	524.32	
01 22 20 00-0118	DAY	Air Compressor <180 CFM	289.69	
01 22 20 00-0119	DAY	Air Compressor >180 CFM	459.58	
01 22 20 00-0120	DAY	3" Trash Pump	175.93	
01 22 20 00-0121	DAY	4" Submersible Pump	196.74	
01 22 20 00-0122	DAY	6" Submersible Pump	397.26	
01 22 20 00-0123	DAY	6" Diesel Pump	425.63	
01 22 20 00-0124	DAY	Lengths Of Suction Hose (Each)	19.20	



General Requirements		01
Price and Payment Procedures		01 20
Unit Prices		01 22

MINOR CSI UOM DESCRIPTION		TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 20 00-0125	DAY Lengths Of Discharge Hose (Each)	19.20	
01 22 20 00-0126	DAY 4 Ton Flatbed Trailer With Sides	200.20	
01 22 20 00-0127	DAY Equipment Storage Trailer	76.19	
01 22 20 00-0128	DAY Equipment Vehicle	329.17	
01 22 20 00-0129	DAY Dive Boat	1,071.56	
01 22 20 00-0130	DAY Jon Boat	107.16	
01 22 23 Equipment Usage (01 22)			
Note: Includes fuel costs unless otherwise stated. These tasks shall be used for owned, leased or rented equipment. Excludes mobilization unless otherwise stated. See CSI section 01 22 20 00-0085 for traffic control (where required), 01 71 13 00-0000 for equipment delivery, pickup, mobilization and demobilization.			
01 22 23 00-0001	Aerial Equipment (01 22 23)		
01 22 23 00-0002	Man Lifts (01 22 23 00-0001)		
Note: Excludes operator, delivery, set-up, and removal.			
01 22 23 00-0003	Telescoping Boom Man Lifts With Platform (01 22 23 00-0002)		
01 22 23 00-0004	Engine Powered, Telescoping Boom Man Lifts With Platform (01 22 23 00-0003)		
Note: Diesel or dual fuel (gasoline or liquid propane gas). Two-wheel drive. For use on unpaved or paved surfaces.			
01 22 23 00-0005	DAY 40' Engine Powered, Telescoping Boom Man Lift With Platform	452.44	
	For Four-Wheel Drive, Add	101.80	
01 22 23 00-0006	WK 40' Engine Powered, Telescoping Boom Man Lift With Platform	1,138.41	
	For Four-Wheel Drive, Add	256.14	
01 22 23 00-0007	MO 40' Engine Powered, Telescoping Boom Man Lift With Platform	2,554.12	
	For Four-Wheel Drive, Add	574.68	
	For >6 Months (>26 Weeks) , Deduct	-102.16	
01 22 23 00-0008	DAY 60' Engine Powered, Telescoping Boom Man Lift With Platform	664.07	
	For Four-Wheel Drive, Add	149.42	
01 22 23 00-0009	WK 60' Engine Powered, Telescoping Boom Man Lift With Platform	1,583.56	
	For Four-Wheel Drive, Add	356.30	
01 22 23 00-0010	MO 60' Engine Powered, Telescoping Boom Man Lift With Platform	3,466.31	
	For Four-Wheel Drive, Add	779.92	
	For >6 Months (>26 Weeks) , Deduct	-138.65	
01 22 23 00-0011	DAY 80' Engine Powered, Telescoping Boom Man Lift With Platform	1,291.66	
	For Four-Wheel Drive, Add	290.62	
01 22 23 00-0012	WK 80' Engine Powered, Telescoping Boom Man Lift With Platform	3,130.63	
	For Four-Wheel Drive, Add	704.39	
01 22 23 00-0013	MO 80' Engine Powered, Telescoping Boom Man Lift With Platform	6,567.75	
	For Four-Wheel Drive, Add	1,477.74	
	For >6 Months (>26 Weeks) , Deduct	-262.71	
01 22 23 00-0014	DAY 110' Engine Powered, Telescoping Boom Man Lift With Platform	1,838.97	
	For Four-Wheel Drive, Add	413.77	
01 22 23 00-0015	WK 110' Engine Powered, Telescoping Boom Man Lift With Platform	4,428.12	
	For Four-Wheel Drive, Add	996.33	
01 22 23 00-0016	MO 110' Engine Powered, Telescoping Boom Man Lift With Platform	11,033.82	
	For Four-Wheel Drive, Add	2,482.61	
	For >6 Months (>26 Weeks) , Deduct	-441.35	
01 22 23 00-0017	DAY 120' Engine Powered, Telescoping Boom Man Lift With Platform	2,240.33	
	For Four-Wheel Drive, Add	504.07	
01 22 23 00-0018	WK 120' Engine Powered, Telescoping Boom Man Lift With Platform	5,713.94	
	For Four-Wheel Drive, Add	1,285.64	
01 22 23 00-0019	MO 120' Engine Powered, Telescoping Boom Man Lift With Platform	12,989.55	
	For Four-Wheel Drive, Add	2,922.65	
	For >6 Months (>26 Weeks) , Deduct	-519.58	
01 22 23 00-0020	Articulating (Up/Over) Boom Man Lifts With Platform (01 22 23 00-0002)		
01 22 23 00-0021	Engine Powered, Articulating (Up/Over) Boom Man Lifts With Platform (01 22 23 00-0020)		
Note: Diesel or dual fuel (gasoline or liquid propane gas). Four-wheel drive. For use on unpaved or paved surfaces.			
01 22 23 00-0022	DAY 34' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	456.56	
01 22 23 00-0023	WK 34' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	1,145.54	
01 22 23 00-0024	MO 34' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	2,755.93	
	For >6 Months (>26 Weeks) , Deduct	-110.24	
01 22 23 00-0025	DAY 45' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	581.07	
01 22 23 00-0026	WK 45' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	1,270.05	
01 22 23 00-0027	MO 45' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	3,152.72	
	For >6 Months (>26 Weeks) , Deduct	-126.11	
01 22 23 00-0028	DAY 60' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	747.09	
01 22 23 00-0029	WK 60' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	1,726.61	
01 22 23 00-0030	MO 60' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	3,859.96	
	For >6 Months (>26 Weeks) , Deduct	-154.40	
01 22 23 00-0031	DAY 80' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	1,303.26	
01 22 23 00-0032	WK 80' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	3,071.37	
01 22 23 00-0033	MO 80' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	7,469.24	
	For >6 Months (>26 Weeks) , Deduct	-298.77	
01 22 23 00-0034	DAY 125' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	2,531.80	
01 22 23 00-0035	WK 125' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	5,976.72	
01 22 23 00-0036	MO 125' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	14,609.76	
	For >6 Months (>26 Weeks) , Deduct	-584.39	

01	General Requirements
01 20	Price and Payment Procedures
01 22	Unit Prices



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

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

Note: For use on paved surfaces.

01 22 23 00-0038	DAY	30' Electric, Articulating (Up/Over) Boom Man Lift With Platform.....	456.56
01 22 23 00-0039	WK	30' Electric, Articulating (Up/Over) Boom Man Lift With Platform.....	1,145.54
01 22 23 00-0040	MO	30' Electric, Articulating (Up/Over) Boom Man Lift With Platform.....	2,755.93
For >6 Months (>26 Weeks) , Deduct			-110.24
01 22 23 00-0041	DAY	35' Electric, Articulating (Up/Over) Boom Man Lift With Platform.....	456.56
01 22 23 00-0042	WK	35' Electric, Articulating (Up/Over) Boom Man Lift With Platform.....	1,145.54
01 22 23 00-0043	MO	35' Electric, Articulating (Up/Over) Boom Man Lift With Platform.....	2,755.93
For >6 Months (>26 Weeks) , Deduct			-110.24
01 22 23 00-0044	DAY	40' Electric, Articulating (Up/Over) Boom Man Lift With Platform.....	564.47
01 22 23 00-0045	WK	40' Electric, Articulating (Up/Over) Boom Man Lift With Platform.....	1,220.25
01 22 23 00-0046	MO	40' Electric, Articulating (Up/Over) Boom Man Lift With Platform.....	3,029.86
For >6 Months (>26 Weeks) , Deduct			-121.19
01 22 23 00-0047	DAY	45' Electric, Articulating (Up/Over) Boom Man Lift With Platform.....	564.47
01 22 23 00-0048	WK	45' Electric, Articulating (Up/Over) Boom Man Lift With Platform.....	1,220.25
01 22 23 00-0049	MO	45' Electric, Articulating (Up/Over) Boom Man Lift With Platform.....	3,029.86
For >6 Months (>26 Weeks) , Deduct			-121.19

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

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

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

Note: For use on paved surfaces.

01 22 23 00-0052	DAY	17' Electric, Scissor Platform Lift.....	178.13
01 22 23 00-0053	WK	17' Electric, Scissor Platform Lift.....	356.27
01 22 23 00-0054	MO	17' Electric, Scissor Platform Lift.....	728.73
For >6 Months (>26 Weeks) , Deduct			-29.15
01 22 23 00-0055	DAY	20' Electric, Scissor Platform Lift.....	194.33
01 22 23 00-0056	WK	20' Electric, Scissor Platform Lift.....	388.66
01 22 23 00-0057	MO	20' Electric, Scissor Platform Lift.....	777.31
For >6 Months (>26 Weeks) , Deduct			-31.09
01 22 23 00-0058	DAY	25' Electric, Scissor Platform Lift.....	251.01
01 22 23 00-0059	WK	25' Electric, Scissor Platform Lift.....	502.01
01 22 23 00-0060	MO	25' Electric, Scissor Platform Lift.....	1,076.90
For >6 Months (>26 Weeks) , Deduct			-43.08
01 22 23 00-0061	DAY	30' Electric, Scissor Platform Lift.....	323.88
01 22 23 00-0062	WK	30' Electric, Scissor Platform Lift.....	639.66
01 22 23 00-0063	MO	30' Electric, Scissor Platform Lift.....	1,416.98
For >6 Months (>26 Weeks) , Deduct			-56.68
01 22 23 00-0064	DAY	33' Electric, Scissor Platform Lift.....	348.17
01 22 23 00-0065	WK	33' Electric, Scissor Platform Lift.....	680.15
01 22 23 00-0066	MO	33' Electric, Scissor Platform Lift.....	1,538.43
For >6 Months (>26 Weeks) , Deduct			-61.54
01 22 23 00-0067	DAY	40' Electric, Scissor Platform Lift.....	453.43
01 22 23 00-0068	WK	40' Electric, Scissor Platform Lift.....	1,125.48
01 22 23 00-0069	MO	40' Electric, Scissor Platform Lift.....	3,133.54
For >6 Months (>26 Weeks) , Deduct			-125.34

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

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

01 22 23 00-0071	DAY	25' Engine Powered, Scissor Platform Lift.....	437.76
For Four-Wheel Drive, Add			87.55
01 22 23 00-0072	WK	25' Engine Powered, Scissor Platform Lift.....	856.06
For Four-Wheel Drive, Add			171.21
01 22 23 00-0073	MO	25' Engine Powered, Scissor Platform Lift.....	2,091.52
For Four-Wheel Drive, Add			418.30
For >6 Months (>26 Weeks) , Deduct			-83.66
01 22 23 00-0074	DAY	33' Engine Powered, Scissor Platform Lift.....	447.49
For Four-Wheel Drive, Add			89.50
01 22 23 00-0075	WK	33' Engine Powered, Scissor Platform Lift.....	1,021.44
For Four-Wheel Drive, Add			204.29
01 22 23 00-0076	MO	33' Engine Powered, Scissor Platform Lift.....	2,237.44
For Four-Wheel Drive, Add			447.49
For >6 Months (>26 Weeks) , Deduct			-89.50
01 22 23 00-0077	DAY	40' Engine Powered, Scissor Platform Lift.....	496.13
For Four-Wheel Drive, Add			99.23
01 22 23 00-0078	WK	40' Engine Powered, Scissor Platform Lift.....	1,138.18
For Four-Wheel Drive, Add			227.64
01 22 23 00-0079	MO	40' Engine Powered, Scissor Platform Lift.....	2,529.28
For Four-Wheel Drive, Add			505.86
For >6 Months (>26 Weeks) , Deduct			-101.17
01 22 23 00-0080	DAY	43' Engine Powered, Scissor Platform Lift.....	525.31
For Four-Wheel Drive, Add			105.06
01 22 23 00-0081	WK	43' Engine Powered, Scissor Platform Lift.....	1,225.73
For Four-Wheel Drive, Add			245.15
01 22 23 00-0082	MO	43' Engine Powered, Scissor Platform Lift.....	3,015.68
For Four-Wheel Drive, Add			603.14
For >6 Months (>26 Weeks) , Deduct			-120.63



General Requirements			01
Price and Payment Procedures			01 20
Unit Prices			01 22

MINOR		TOTAL DIRECT		DEMOLITION
CSI UOM DESCRIPTION		UNIT COST		UNIT COST
01 22 23 00-0083	DAY 50' Engine Powered, Scissor Platform Lift..... For Four-Wheel Drive, Add	982.53	196.51	
01 22 23 00-0084	WK 50' Engine Powered, Scissor Platform Lift..... For Four-Wheel Drive, Add	2,159.62	431.92	
01 22 23 00-0085	MO 50' Engine Powered, Scissor Platform Lift..... For Four-Wheel Drive, Add For >6 Months (>26 Weeks) , Deduct	5,311.49	1,062.30 -212.46	
01 22 23 00-0086	Personnel Lifts (01 22 23 00-0001) Note: Includes delivery to job site and pick-up when complete. Excludes operator. For use on paved surfaces.			
01 22 23 00-0087	DAY 24', Push-Type, Electric Single Man Personnel Lift.....	138.82		
01 22 23 00-0088	WK 24', Push-Type, Electric Single Man Personnel Lift.....	393.34		
01 22 23 00-0089	MO 24', Push-Type, Electric Single Man Personnel Lift..... For >6 Months (>26 Weeks) , Deduct	794.39	-31.78	
01 22 23 00-0090	DAY 30', Push-Type, Electric Single Man Personnel Lift.....	192.81		
01 22 23 00-0091	WK 30', Push-Type, Electric Single Man Personnel Lift.....	408.76		
01 22 23 00-0092	MO 30', Push-Type, Electric Single Man Personnel Lift..... For >6 Months (>26 Weeks) , Deduct	1,388.25	-55.53	
01 22 23 00-0093	DAY 36', Push-Type, Electric Single Man Personnel Lift.....	323.92		
01 22 23 00-0094	WK 36', Push-Type, Electric Single Man Personnel Lift.....	786.68		
01 22 23 00-0095	MO 36', Push-Type, Electric Single Man Personnel Lift..... For >6 Months (>26 Weeks) , Deduct	2,298.32	-91.93	
01 22 23 00-0096	DAY 40', Push-Type, Electric Single Man Personnel Lift.....	347.06		
01 22 23 00-0097	WK 40', Push-Type, Electric Single Man Personnel Lift.....	863.80		
01 22 23 00-0098	MO 40', Push-Type, Electric Single Man Personnel Lift..... For >6 Months (>26 Weeks) , Deduct	2,599.11	-103.96	
01 22 23 00-0099	DAY 15', Self-Propelled, Electric Single Man Personnel Lift.....	185.10		
01 22 23 00-0100	WK 15', Self-Propelled, Electric Single Man Personnel Lift.....	370.20		
01 22 23 00-0101	MO 15', Self-Propelled, Electric Single Man Personnel Lift..... For >6 Months (>26 Weeks) , Deduct	740.40	-29.62	
01 22 23 00-0102	DAY 20', Self-Propelled, Electric Single Man Personnel Lift.....	185.10		
01 22 23 00-0103	WK 20', Self-Propelled, Electric Single Man Personnel Lift.....	370.20		
01 22 23 00-0104	MO 20', Self-Propelled, Electric Single Man Personnel Lift..... For >6 Months (>26 Weeks) , Deduct	769.71	-30.79	
01 22 23 00-0105	Bucket Trucks (01 22 23 00-0001) Note: Includes full-time operator, delivery, and removal.			
01 22 23 00-0106	DAY 29' To 33' Bucket Truck With Full-Time Operator..... For Equipment Without Operator, Deduct	1,452.47	-753.53	
01 22 23 00-0107	WK 29' To 33' Bucket Truck With Full-Time Operator..... For Equipment Without Operator, Deduct	5,864.46	-3,767.64	
01 22 23 00-0108	MO 29' To 33' Bucket Truck With Full-Time Operator..... For Equipment Without Operator, Deduct For >6 Months (>26 Weeks) , Deduct	21,663.82	-16,326.46 -213.49	
01 22 23 00-0109	DAY 38' To 41' Bucket Truck With Full-Time Operator..... For Equipment Without Operator, Deduct	1,541.43	-753.53	
01 22 23 00-0110	WK 38' To 41' Bucket Truck With Full-Time Operator..... For Equipment Without Operator, Deduct	6,150.39	-3,767.64	
01 22 23 00-0111	MO 38' To 41' Bucket Truck With Full-Time Operator..... For Equipment Without Operator, Deduct For >6 Months (>26 Weeks) , Deduct	22,426.30	-16,326.46 -243.99	
01 22 23 00-0112	DAY 45' To 48' Bucket Truck With Full-Time Operator..... For Equipment Without Operator, Deduct	1,770.17	-753.53	
01 22 23 00-0113	WK 45' To 48' Bucket Truck With Full-Time Operator..... For Equipment Without Operator, Deduct	6,563.40	-3,767.64	
01 22 23 00-0114	MO 45' To 48' Bucket Truck With Full-Time Operator..... For Equipment Without Operator, Deduct For >6 Months (>26 Weeks) , Deduct	23,315.86	-16,326.46 -279.58	
01 22 23 00-0115	DAY 62' Bucket Truck With Full-Time Operator..... For Equipment Without Operator, Deduct	2,278.49	-753.53	
01 22 23 00-0116	WK 62' Bucket Truck With Full-Time Operator..... For Equipment Without Operator, Deduct	8,215.44	-3,767.64	
01 22 23 00-0117	MO 62' Bucket Truck With Full-Time Operator..... For Equipment Without Operator, Deduct For >6 Months (>26 Weeks) , Deduct	27,763.66	-16,326.46 -457.49	
01 22 23 00-0118	DAY 85' Bucket Truck With Full-Time Operator..... For Equipment Without Operator, Deduct	2,532.65	-753.53	
01 22 23 00-0119	WK 85' Bucket Truck With Full-Time Operator..... For Equipment Without Operator, Deduct	9,105.00	-3,767.64	
01 22 23 00-0120	MO 85' Bucket Truck With Full-Time Operator..... For Equipment Without Operator, Deduct For >6 Months (>26 Weeks) , Deduct	30,940.66	-16,326.46 -584.57	
01 22 23 00-0121	Day 105' Bucket Truck With Full-Time Operator..... For Equipment Without Operator, Deduct	2,659.73	-753.53	
01 22 23 00-0122	WK 105' Bucket Truck With Full-Time Operator..... For Equipment Without Operator, Deduct	9,486.24	-3,767.64	
01 22 23 00-0123	MO 105' Bucket Truck With Full-Time Operator..... For Equipment Without Operator, Deduct For >6 Months (>26 Weeks) , Deduct	31,245.65	-16,326.46 -596.77	
01 22 23 00-0124	Air Equipment (01 22 23)			

01	General Requirements
01 20	Price and Payment Procedures
01 22	Unit Prices



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

01 22 23 00-0125

Air Compressors (01 22 23 00-0124)

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

01 22 23 00-0126	DAY	100 CFM Diesel Powered Portable Air Compressor.....	163.36
01 22 23 00-0127	WK	100 CFM Diesel Powered Portable Air Compressor.....	490.07
01 22 23 00-0128	MO	100 CFM Diesel Powered Portable Air Compressor.....	1,361.31
For >6 Months (>26 Weeks) , Deduct			-54.45
01 22 23 00-0129	DAY	130 CFM Diesel Powered Portable Air Compressor.....	196.03
01 22 23 00-0130	WK	130 CFM Diesel Powered Portable Air Compressor.....	577.20
01 22 23 00-0131	MO	130 CFM Diesel Powered Portable Air Compressor.....	1,633.58
For >6 Months (>26 Weeks) , Deduct			-65.34
01 22 23 00-0132	DAY	185 CFM Diesel Powered Portable Air Compressor.....	261.37
01 22 23 00-0133	WK	185 CFM Diesel Powered Portable Air Compressor.....	588.09
01 22 23 00-0134	MO	185 CFM Diesel Powered Portable Air Compressor.....	1,295.07
For >6 Months (>26 Weeks) , Deduct			-51.84
01 22 23 00-0135	DAY	375 CFM Diesel Powered Portable Air Compressor.....	370.28
01 22 23 00-0136	WK	375 CFM Diesel Powered Portable Air Compressor.....	936.58
01 22 23 00-0137	MO	375 CFM Diesel Powered Portable Air Compressor.....	2,232.55
For >6 Months (>26 Weeks) , Deduct			-89.30
01 22 23 00-0138	DAY	600 CFM Diesel Powered Portable Air Compressor.....	823.32
01 22 23 00-0139	WK	600 CFM Diesel Powered Portable Air Compressor.....	1,982.07
01 22 23 00-0140	MO	600 CFM Diesel Powered Portable Air Compressor.....	4,939.93
For >6 Months (>26 Weeks) , Deduct			-197.60
01 22 23 00-0141	DAY	750 CFM Diesel Powered Portable Air Compressor.....	991.04
01 22 23 00-0142	WK	750 CFM Diesel Powered Portable Air Compressor.....	2,439.47
01 22 23 00-0143	MO	750 CFM Diesel Powered Portable Air Compressor.....	5,989.78
For >6 Months (>26 Weeks) , Deduct			-239.59
01 22 23 00-0144	DAY	825 CFM Diesel Powered Portable Air Compressor.....	991.04
01 22 23 00-0145	WK	825 CFM Diesel Powered Portable Air Compressor.....	2,439.47
01 22 23 00-0146	MO	825 CFM Diesel Powered Portable Air Compressor.....	5,989.78
For >6 Months (>26 Weeks) , Deduct			-239.59
01 22 23 00-0147	DAY	1,300 CFM Diesel Powered Portable Air Compressor.....	1,154.39
01 22 23 00-0148	WK	1,300 CFM Diesel Powered Portable Air Compressor.....	2,587.58
01 22 23 00-0149	MO	1,300 CFM Diesel Powered Portable Air Compressor.....	6,900.22
For >6 Months (>26 Weeks) , Deduct			-276.01
01 22 23 00-0150	DAY	1,600 CFM Diesel Powered Portable Air Compressor.....	1,437.55
01 22 23 00-0151	WK	1,600 CFM Diesel Powered Portable Air Compressor.....	3,234.48
01 22 23 00-0152	MO	1,600 CFM Diesel Powered Portable Air Compressor.....	8,625.28
For >6 Months (>26 Weeks) , Deduct			-345.01

01 22 23 00-0153

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

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

01 22 23 00-0154	DAY	Up To 2,000 CFM, Portable Negative Air Machine.....	104.34
01 22 23 00-0155	WK	Up To 2,000 CFM, Portable Negative Air Machine.....	428.56
01 22 23 00-0156	MO	Up To 2,000 CFM, Portable Negative Air Machine.....	1,294.99
For >6 Months (>26 Weeks) , Deduct			-51.80
01 22 23 00-0157	EA	First Stage Pre-Filter For Portable Negative Air Machines.....	14.49
01 22 23 00-0158	EA	Second Stage Pre-Filter For Portable Negative Air Machines.....	29.60
01 22 23 00-0159	EA	High Efficiency Particulate Air (HEPA) Filter, 99.99% Efficient At 0.3 Micron For Portable Negative Air Machines.....	140.93
01 22 23 00-0160	LF	Flexible Exhaust Duct For Portable Negative Air Machines.....	2.60

01 22 23 00-0161

Portable Air Scrubbers (01 22 23 00-0124)

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

01 22 23 00-0162	DAY	Up To 1,000 CFM, Portable Air Scrubber.....	66.00
01 22 23 00-0163	WK	Up To 1,000 CFM, Portable Air Scrubber.....	274.34
01 22 23 00-0164	MO	Up To 1,000 CFM, Portable Air Scrubber.....	759.42
For >6 Months (>26 Weeks) , Deduct			-30.38
01 22 23 00-0165	DAY	>1,000 to 2,000 CFM, Portable Air Scrubber.....	83.50
01 22 23 00-0166	WK	>1,000 to 2,000 CFM, Portable Air Scrubber.....	345.91
01 22 23 00-0167	MO	>1,000 to 2,000 CFM, Portable Air Scrubber.....	1,013.88
For >6 Months (>26 Weeks) , Deduct			-40.56
01 22 23 00-0168	DAY	>2,000 To 5,000 CFM, Portable Air Scrubber.....	107.35
01 22 23 00-0169	WK	>2,000 To 5,000 CFM, Portable Air Scrubber.....	457.24
01 22 23 00-0170	MO	>2,000 To 5,000 CFM, Portable Air Scrubber.....	1,280.27
For >6 Months (>26 Weeks) , Deduct			-51.21
01 22 23 00-0171	EA	First Stage Pre-Filter For Portable Air Scrubbers.....	19.26
01 22 23 00-0172	EA	Second Stage Pre-Filter For Portable Air Scrubbers.....	25.62
01 22 23 00-0173	EA	High Efficiency Particulate Air (HEPA) Filter, 99.99% Efficient At 0.3 Micron For Portable Air Scrubbers.....	236.35

01 22 23 00-0174

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

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

01 22 23 00-0175	DAY	750 CFM, Mobile Ceiling Access Cart For Containment And Filtration (HEPACART HC74).....	281.81



General Requirements			01
Price and Payment Procedures			01 20
Unit Prices			01 22

MINOR			TOTAL DIRECT		DEMOLITION
CSI UOM DESCRIPTION			UNIT COST		UNIT COST
01 22 23 00-0176	WK	750 CFM, Mobile Ceiling Access Cart For Containment And Filtration (HEPACART HC74).....	920.10		
01 22 23 00-0177	MO	750 CFM, Mobile Ceiling Access Cart For Containment And Filtration (HEPACART HC74).....	3,010.80		
		For >6 Months (>26 Weeks) , Deduct	-120.43		
01 22 23 00-0178		Compaction And Paving Equipment (01 22 23)			
01 22 23 00-0179		Pavers And Rollers (01 22 23 00-0178)			
		Note: Includes full-time operator. Excludes delivery, set-up, and removal.			
01 22 23 00-0180		Pavers (01 22 23 00-0179)			
01 22 23 00-0181	DAY	10' Wide Paving Machine With Full-Time Operator	4,376.51		
		For Equipment Without Operator, Deduct	-971.01		
01 22 23 00-0182	WK	10' Wide Paving Machine With Full-Time Operator	18,477.05		
		For Equipment Without Operator, Deduct	-4,855.04		
01 22 23 00-0183	MO	10' Wide Paving Machine With Full-Time Operator	69,689.38		
		For Equipment Without Operator, Deduct	-21,038.49		
		For >6 Months (>26 Weeks) , Deduct	-1,946.04		
01 22 23 00-0184		Ride-On Self-Propelled, Rubber Tire Rollers (01 22 23 00-0179)			
01 22 23 00-0185	DAY	10 To 12 Ton, Ride-On Self Propelled, 9 Wheel Rubber-Tire Roller With Full-Time Operator	1,310.16		
		For Equipment Without Operator, Deduct	-971.01		
01 22 23 00-0186	WK	10 To 12 Ton, Ride-On Self Propelled, 9 Wheel Rubber-Tire Roller With Full-Time Operator	5,880.82		
		For Equipment Without Operator, Deduct	-4,855.04		
01 22 23 00-0187	MO	10 To 12 Ton, Ride-On Self Propelled, 9 Wheel Rubber-Tire Roller With Full-Time Operator	23,823.09		
		For Equipment Without Operator, Deduct	-21,038.49		
		For >6 Months (>26 Weeks) , Deduct	-111.38		
01 22 23 00-0188	DAY	15 Ton, Ride-On Self Propelled, 9 Wheel Rubber-Tire Roller With Full-Time Operator	1,441.06		
		For Equipment Without Operator, Deduct	-971.01		
01 22 23 00-0189	WK	15 Ton, Ride-On Self Propelled, 9 Wheel Rubber-Tire Roller With Full-Time Operator	6,854.24		
		For Equipment Without Operator, Deduct	-4,855.04		
01 22 23 00-0190	MO	15 Ton, Ride-On Self Propelled, 9 Wheel Rubber-Tire Roller With Full-Time Operator	25,292.74		
		For Equipment Without Operator, Deduct	-21,038.49		
		For >6 Months (>26 Weeks) , Deduct	-170.17		
01 22 23 00-0191	DAY	30 Ton, Ride-On Self Propelled, 11 Wheel Rubber-Tire Roller With Full-Time Operator	1,447.01		
		For Equipment Without Operator, Deduct	-971.01		
01 22 23 00-0192	WK	30 Ton, Ride-On Self Propelled, 11 Wheel Rubber-Tire Roller With Full-Time Operator	6,467.49		
		For Equipment Without Operator, Deduct	-4,855.04		
01 22 23 00-0193	MO	30 Ton, Ride-On Self Propelled, 11 Wheel Rubber-Tire Roller With Full-Time Operator	25,578.34		
		For Equipment Without Operator, Deduct	-21,038.49		
		For >6 Months (>26 Weeks) , Deduct	-181.59		
01 22 23 00-0194		Ride-On Self-Propelled, Padfoot Rollers (01 22 23 00-0179)			
01 22 23 00-0195	DAY	5 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	1,363.71		
		For Equipment Without Operator, Deduct	-971.01		
01 22 23 00-0196	WK	5 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	5,943.89		
		For Equipment Without Operator, Deduct	-4,855.04		
01 22 23 00-0197	MO	5 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	24,186.04		
		For Equipment Without Operator, Deduct	-21,038.49		
		For >6 Months (>26 Weeks) , Deduct	-125.90		
01 22 23 00-0198	DAY	8 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	1,613.61		
		For Equipment Without Operator, Deduct	-971.01		
01 22 23 00-0199	WK	8 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	6,449.64		
		For Equipment Without Operator, Deduct	-4,855.04		
01 22 23 00-0200	MO	8 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	25,780.64		
		For Equipment Without Operator, Deduct	-21,038.49		
		For >6 Months (>26 Weeks) , Deduct	-189.69		
01 22 23 00-0201	DAY	10 To 12 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	1,673.11		
		For Equipment Without Operator, Deduct	-971.01		
01 22 23 00-0202	WK	10 To 12 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	6,824.49		
		For Equipment Without Operator, Deduct	-4,855.04		
01 22 23 00-0203	MO	10 To 12 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	26,827.84		
		For Equipment Without Operator, Deduct	-21,038.49		
		For >6 Months (>26 Weeks) , Deduct	-231.57		
01 22 23 00-0204		Towed, Padfoot Rollers (01 22 23 00-0179)			
01 22 23 00-0205	DAY	48" Wide, 40" Diameter, Towed Padfoot Roller	113.05		
01 22 23 00-0206	WK	48" Wide, 40" Diameter, Towed Padfoot Roller	327.25		
01 22 23 00-0207	MO	48" Wide, 40" Diameter, Towed Padfoot Roller	963.90		
		For >6 Months (>26 Weeks) , Deduct	-38.56		
01 22 23 00-0208	DAY	60" Wide, 60" Diameter, Towed Padfoot Roller	142.80		
01 22 23 00-0209	WK	60" Wide, 60" Diameter, Towed Padfoot Roller	398.65		
01 22 23 00-0210	MO	60" Wide, 60" Diameter, Towed Padfoot Roller	1,695.75		
		For >6 Months (>26 Weeks) , Deduct	-67.83		
01 22 23 00-0211		Static Rollers (01 22 23 00-0179)			
01 22 23 00-0212	DAY	5 Ton, 2 Drum Articulated Roller With Full-Time Operator	1,393.46		
		For Equipment Without Operator, Deduct	-971.01		

01	General Requirements
01 20	Price and Payment Procedures
01 22	Unit Prices



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0213	WK	5 Ton, 2 Drum Articulated Roller With Full-Time Operator..... <i>For Equipment Without Operator, Deduct</i>	6,199.74 -4,855.04	
01 22 23 00-0214	MO	5 Ton, 2 Drum Articulated Roller With Full-Time Operator..... <i>For Equipment Without Operator, Deduct</i> <i>For >6 Months (>26 Weeks) , Deduct</i>	25,024.99 -21,038.49 -159.46	
01 22 23 00-0215	DAY	8 To 10 Ton, 2 Drum Articulated Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	1,524.36 -971.01	
01 22 23 00-0216	WK	8 To 10 Ton, 2 Drum Articulated Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	6,556.74 -4,855.04	
01 22 23 00-0217	MO	8 To 10 Ton, 2 Drum Articulated Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i> <i>For >6 Months (>26 Weeks) , Deduct</i>	26,012.69 -21,038.49 -198.97	
01 22 23 00-0218 Ride-On Self-Propelled, Smooth Drum Vibratory Rollers (01 22 23 00-0179)				
01 22 23 00-0219	DAY	1 Ton, Double Smooth Drums, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	1,203.06 -971.01	
01 22 23 00-0220	WK	1 Ton, Double Smooth Drums, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	5,533.34 -4,855.04	
01 22 23 00-0221	MO	1 Ton, Double Smooth Drums, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i> <i>For >6 Months (>26 Weeks) , Deduct</i>	22,823.49 -21,038.49 -71.40	
01 22 23 00-0222	DAY	3 Ton, Double Smooth Drums, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	1,292.31 -971.01	
01 22 23 00-0223	WK	3 Ton, Double Smooth Drums, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	5,801.09 -4,855.04	
01 22 23 00-0224	MO	3 Ton, Double Smooth Drums, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i> <i>For >6 Months (>26 Weeks) , Deduct</i>	23,537.49 -21,038.49 -99.96	
01 22 23 00-0225	DAY	5 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	1,351.81 -971.01	
01 22 23 00-0226	WK	5 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	5,979.59 -4,855.04	
01 22 23 00-0227	MO	5 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i> <i>For >6 Months (>26 Weeks) , Deduct</i>	24,013.49 -21,038.49 -119.00	
01 22 23 00-0228	DAY	8 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	1,429.16 -971.01	
01 22 23 00-0229	WK	8 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	6,205.69 -4,855.04	
01 22 23 00-0230	MO	8 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i> <i>For >6 Months (>26 Weeks) , Deduct</i>	24,602.54 -21,038.49 -142.56	
01 22 23 00-0231	DAY	11 To 12 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	1,583.86 -971.01	
01 22 23 00-0232	WK	11 To 12 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	6,657.89 -4,855.04	
01 22 23 00-0233	MO	11 To 12 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i> <i>For >6 Months (>26 Weeks) , Deduct</i>	25,798.49 -21,038.49 -190.40	
01 22 23 00-0234 Steel Roadway Plates (01 22 23 00-0178)				
Note: 3 day minimum. Excludes delivery to job site and pick-up when complete. See CSI section 01 22 23 00-0235 for placement (set-up) from truck and removal from ground (load on truck), 01 71 13 00-0001 for material delivery on truck.				
01 22 23 00-0235	EA	Placement And Removal Of Steel Roadway Plates.....	59.85	
01 22 23 00-0236	DAY	1" x 4' x 8' Steel Plate.....	44.12	
01 22 23 00-0237	WK	1" x 4' x 8' Steel Plate.....	104.18	
01 22 23 00-0238	MO	1" x 4' x 8' Steel Plate..... <i>For >6 Months (>26 Weeks) , Deduct</i>	137.10 -5.48	
01 22 23 00-0239	DAY	1" x 4' x 10' Steel Plate.....	58.83	
01 22 23 00-0240	WK	1" x 4' x 10' Steel Plate.....	132.36	
01 22 23 00-0241	MO	1" x 4' x 10' Steel Plate..... <i>For >6 Months (>26 Weeks) , Deduct</i>	161.78 -6.47	
01 22 23 00-0242	DAY	1" x 5' x 10' Steel Plate.....	61.28	
01 22 23 00-0243	WK	1" x 5' x 10' Steel Plate.....	138.49	
01 22 23 00-0244	MO	1" x 5' x 10' Steel Plate..... <i>For >6 Months (>26 Weeks) , Deduct</i>	367.68 -14.71	
01 22 23 00-0245	DAY	1" x 6' x 8' Steel Plate.....	39.22	
01 22 23 00-0246	WK	1" x 6' x 8' Steel Plate.....	88.24	
01 22 23 00-0247	MO	1" x 6' x 8' Steel Plate..... <i>For >6 Months (>26 Weeks) , Deduct</i>	235.32 -9.41	
01 22 23 00-0248	DAY	1" x 6' x 10' Steel Plate.....	73.54	
01 22 23 00-0249	WK	1" x 6' x 10' Steel Plate.....	96.82	
01 22 23 00-0250	MO	1" x 6' x 10' Steel Plate..... <i>For >6 Months (>26 Weeks) , Deduct</i>	258.60 -10.34	
01 22 23 00-0251	DAY	1" x 6' x 12' Steel Plate.....	102.95	
01 22 23 00-0252	WK	1" x 6' x 12' Steel Plate.....	131.75	
01 22 23 00-0253	MO	1" x 6' x 12' Steel Plate..... <i>For >6 Months (>26 Weeks) , Deduct</i>	356.65 -14.27	
01 22 23 00-0254	DAY	1" x 8' x 10' Steel Plate.....	64.96	
01 22 23 00-0255	WK	1" x 8' x 10' Steel Plate.....	145.85	



General Requirements			01	5
Price and Payment Procedures			01 20	
Unit Prices			01 22	

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
01 22 23 00-0256	MO 1" x 8' x 10' Steel Plate	388.52		
	For >6 Months (>26 Weeks) , Deduct	-15.54		
01 22 23 00-0257	DAY 1" x 8' x 12' Steel Plate	117.66		
01 22 23 00-0258	WK 1" x 8' x 12' Steel Plate	145.85		
01 22 23 00-0259	MO 1" x 8' x 12' Steel Plate	705.95		
	For >6 Months (>26 Weeks) , Deduct	-28.24		
01 22 23 00-0260	DAY 1" x 8' x 16' Steel Plate	156.88		
01 22 23 00-0261	WK 1" x 8' x 16' Steel Plate	352.97		
01 22 23 00-0262	MO 1" x 8' x 16' Steel Plate	941.26		
	For >6 Months (>26 Weeks) , Deduct	-37.65		
01 22 23 00-0263	DAY 1-1/4" x 8' x 10' Steel Plate	77.95		
01 22 23 00-0264	WK 1-1/4" x 8' x 10' Steel Plate	175.02		
01 22 23 00-0265	MO 1-1/4" x 8' x 10' Steel Plate	466.22		
	For >6 Months (>26 Weeks) , Deduct	-18.65		
01 22 23 00-0266	DAY 1-1/2" x 8' x 15' Steel Plate	180.41		
01 22 23 00-0267	WK 1-1/2" x 8' x 15' Steel Plate	405.92		
01 22 23 00-0268	MO 1-1/2" x 8' x 15' Steel Plate	1,082.45		
	For >6 Months (>26 Weeks) , Deduct	-43.30		
01 22 23 00-0269	LF Cold Mix For Temporary Ramp Base, 6" At Edge Of Trench Plate	2.65		1.19
01 22 23 00-0270	EA Removal And Resetting Of Steel Roadway Plate	33.25		
01 22 23 00-0271	Street Sweepers (01 22 23 00-0178)			
	Note: Includes full-time operator. Excludes delivery, set-up, and removal.			
01 22 23 00-0272	DAY 8' Road Broom, Self Propelled Street Sweeper With Full-Time Operator	1,167.67		
	For Equipment Without Operator, Deduct	-967.21		
01 22 23 00-0273	WK 8' Road Broom, Self Propelled Street Sweeper With Full-Time Operator	5,630.39		
	For Equipment Without Operator, Deduct	-4,836.05		
01 22 23 00-0274	MO 8' Road Broom, Self Propelled Street Sweeper With Full-Time Operator	23,786.27		
	For Equipment Without Operator, Deduct	-20,956.23		
	For >6 Months (>26 Weeks) , Deduct	-113.20		
01 22 23 00-0275	DAY Self-Propelled Street Sweeper With Hopper And Full-Time Operator	2,197.51		
	Note: Truck with main and gutter brooms, elevator, debris hopper and water tank.			
	For Equipment Without Operator, Deduct	-967.21		
01 22 23 00-0276	WK Self-Propelled Street Sweeper With Hopper And Full-Time Operator	9,764.06		
	Note: Truck with main and gutter brooms, elevator, debris hopper and water tank.			
	For Equipment Without Operator, Deduct	-4,836.05		
01 22 23 00-0277	MO Self-Propelled Street Sweeper With Hopper And Full-Time Operator	38,543.11		
	Note: Truck with main and gutter brooms, elevator, debris hopper and water tank.			
	For Equipment Without Operator, Deduct	-20,956.23		
	For >6 Months (>26 Weeks) , Deduct	-703.48		
01 22 23 00-0278	Earthmoving Equipment (01 22 23)			
01 22 23 00-0279	Skid-Steer Loaders (01 22 23 00-0278)			
	Note: Includes full-time operator and combination bucket and dozer blade attachments. Add extra attachments where necessary. Excludes delivery, set-up, and removal.			
01 22 23 00-0280	DAY 700 LB Capacity, 36" Wide, Skid-Steer Loader With Full-Time Operator	1,318.56		
	For Equipment Without Operator, Deduct	-967.21		
01 22 23 00-0281	WK 700 LB Capacity, 36" Wide, Skid-Steer Loader With Full-Time Operator	5,757.80		
	For Equipment Without Operator, Deduct	-4,836.05		
01 22 23 00-0282	MO 700 LB Capacity, 36" Wide, Skid-Steer Loader With Full-Time Operator	23,176.08		
	For Equipment Without Operator, Deduct	-20,956.23		
	For >6 Months (>26 Weeks) , Deduct	-88.79		
01 22 23 00-0283	DAY 1,500 To 1,700 LB Capacity, 60" Wide, Skid-Steer Loader With Full-Time Operator	1,411.18		
	For Equipment Without Operator, Deduct	-967.21		
01 22 23 00-0284	WK 1,500 To 1,700 LB Capacity, 60" Wide, Skid-Steer Loader With Full-Time Operator	5,925.39		
	For Equipment Without Operator, Deduct	-4,836.05		
01 22 23 00-0285	MO 1,500 To 1,700 LB Capacity, 60" Wide, Skid-Steer Loader With Full-Time Operator	23,543.61		
	For Equipment Without Operator, Deduct	-20,956.23		
	For >6 Months (>26 Weeks) , Deduct	-103.50		
01 22 23 00-0286	DAY 2,000 To 2,400 LB Capacity, 72" Wide, Skid-Steer Loader With Full-Time Operator	1,437.64		
	For Equipment Without Operator, Deduct	-967.21		
01 22 23 00-0287	WK 2,000 To 2,400 LB Capacity, 72" Wide, Skid-Steer Loader With Full-Time Operator	6,166.49		
	For Equipment Without Operator, Deduct	-4,836.05		
01 22 23 00-0288	MO 2,000 To 2,400 LB Capacity, 72" Wide, Skid-Steer Loader With Full-Time Operator	24,183.10		
	For Equipment Without Operator, Deduct	-20,956.23		
	For >6 Months (>26 Weeks) , Deduct	-129.07		
01 22 23 00-0289	DAY 2,500 To 2,700 LB Capacity, 78" Wide, Tracked Skid-Steer Loader With Full-Time Operator	1,540.55		
	For Equipment Without Operator, Deduct	-967.21		
01 22 23 00-0290	WK 2,500 To 2,700 LB Capacity, 78" Wide, Tracked Skid-Steer Loader With Full-Time Operator	6,504.61		
	For Equipment Without Operator, Deduct	-4,836.05		
01 22 23 00-0291	MO 2,500 To 2,700 LB Capacity, 78" Wide, Tracked Skid-Steer Loader With Full-Time Operator	25,300.38		
	For Equipment Without Operator, Deduct	-20,956.23		
	For >6 Months (>26 Weeks) , Deduct	-173.77		
01 22 23 00-0292	DAY 3,200 To 3,500 LB Capacity, 78" Wide, Tracked Skid-Steer Loader With Full-Time Operator	1,716.96		
	For Equipment Without Operator, Deduct	-967.21		
01 22 23 00-0293	WK 3,200 To 3,500 LB Capacity, 78" Wide, Tracked Skid-Steer Loader With Full-Time Operator	7,173.51		
	For Equipment Without Operator, Deduct	-4,836.05		
01 22 23 00-0294	MO 3,200 To 3,500 LB Capacity, 78" Wide, Tracked Skid-Steer Loader With Full-Time Operator	26,946.89		
	For Equipment Without Operator, Deduct	-20,956.23		
	For >6 Months (>26 Weeks) , Deduct	-239.63		
01 22 23 00-0295	DAY Hydraulic Hammer Attachment For Skid-Steer Loaders	294.02		

01	General Requirements
01 20	Price and Payment Procedures
01 22	Unit Prices



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0296	WK	Hydraulic Hammer Attachment For Skid-Steer Loaders	977.62	
01 22 23 00-0297	MO	Hydraulic Hammer Attachment For Skid-Steer Loaders	2,602.08	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-104.08	
01 22 23 00-0298	DAY	Forklift Attachment For Skid-Steer Loaders	63.21	
01 22 23 00-0299	WK	Forklift Attachment For Skid-Steer Loaders	169.06	
01 22 23 00-0300	MO	Forklift Attachment For Skid-Steer Loaders	477.78	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-19.11	
01 22 23 00-0301	DAY	Backhoe Attachment For Skid-Steer Loaders	139.66	
01 22 23 00-0302	WK	Backhoe Attachment For Skid-Steer Loaders	335.18	
01 22 23 00-0303	MO	Backhoe Attachment For Skid-Steer Loaders	833.55	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-33.34	
01 22 23 00-0304	DAY	Broom Attachment For Skid-Steer Loaders	138.19	
01 22 23 00-0305	WK	Broom Attachment For Skid-Steer Loaders	374.88	
01 22 23 00-0306	MO	Broom Attachment For Skid-Steer Loaders	992.32	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-39.69	
01 22 23 00-0307	DAY	Concrete Pump Attachment For Skid-Steer Loaders	294.02	
01 22 23 00-0308	WK	Concrete Pump Attachment For Skid-Steer Loaders	977.62	
01 22 23 00-0309	MO	Concrete Pump Attachment For Skid-Steer Loaders	2,602.08	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-104.08	
01 22 23 00-0310	DAY	Auger Attachment (Excludes Bits And Extensions) For Skid-Steer Loaders	120.55	
01 22 23 00-0311	WK	Auger Attachment (Excludes Bits And Extensions) For Skid-Steer Loaders	332.24	
01 22 23 00-0312	MO	Auger Attachment (Excludes Bits And Extensions) For Skid-Steer Loaders	907.05	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-36.28	
01 22 23 00-0313	DAY	Up To 18" Diameter, 4' Length, Auger Bit For Skid-Steer Mounted Augers (Excludes Auger)	33.22	
01 22 23 00-0314	WK	Up To 18" Diameter, 4' Length, Auger Bit For Skid-Steer Mounted Augers (Excludes Auger)	86.93	
01 22 23 00-0315	MO	Up To 18" Diameter, 4' Length, Auger Bit For Skid-Steer Mounted Augers (Excludes Auger)	255.67	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-10.23	
01 22 23 00-0316	DAY	>18" To 48" Diameter, 4' Length, Auger Bit For Skid-Steer Mounted Augers (Excludes Auger)	44.74	
01 22 23 00-0317	WK	>18" To 48" Diameter, 4' Length, Auger Bit For Skid-Steer Mounted Augers (Excludes Auger)	111.21	
01 22 23 00-0318	MO	>18" To 48" Diameter, 4' Length, Auger Bit For Skid-Steer Mounted Augers (Excludes Auger)	332.37	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-13.29	
01 22 23 00-0319	DAY	Up To 24" Diameter, 4' Length, Rock Tip Auger Bit For Skid-Steer Mounted Augers (Excludes Auger)	65.18	
01 22 23 00-0320	WK	Up To 24" Diameter, 4' Length, Rock Tip Auger Bit For Skid-Steer Mounted Augers (Excludes Auger)	198.15	
01 22 23 00-0321	MO	Up To 24" Diameter, 4' Length, Rock Tip Auger Bit For Skid-Steer Mounted Augers (Excludes Auger)	588.04	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-23.52	
01 22 23 00-0322	DAY	2' Length, Auger Bit Extension For Skid-Steer Mounted Augers (Excludes Auger)	13.23	
01 22 23 00-0323	WK	2' Length, Auger Bit Extension For Skid-Steer Mounted Augers (Excludes Auger)	30.87	
01 22 23 00-0324	MO	2' Length, Auger Bit Extension For Skid-Steer Mounted Augers (Excludes Auger)	82.33	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-3.29	
01 22 23 00-0325		Bulldozers (01 22 23 00-0278)		
		Note: Includes full-time operator. Excludes delivery, set-up, and removal.		
01 22 23 00-0326	DAY	70 HP, D3 Bulldozer With Full-Time Operator	1,419.79	
		<i>For Equipment Without Operator, Deduct</i>	-971.01	
01 22 23 00-0327	WK	70 HP, D3 Bulldozer With Full-Time Operator	6,624.75	
		<i>For Equipment Without Operator, Deduct</i>	-4,855.04	
01 22 23 00-0328	MO	70 HP, D3 Bulldozer With Full-Time Operator	26,288.34	
		<i>For Equipment Without Operator, Deduct</i>	-21,038.49	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-209.99	
01 22 23 00-0329	DAY	90 To 105 HP, D4 Or D5 Bulldozer With Full-Time Operator	1,631.47	
		<i>For Equipment Without Operator, Deduct</i>	-971.01	
01 22 23 00-0330	WK	90 To 105 HP, D4 Or D5 Bulldozer With Full-Time Operator	7,479.96	
		<i>For Equipment Without Operator, Deduct</i>	-4,855.04	
01 22 23 00-0331	MO	90 To 105 HP, D4 Or D5 Bulldozer With Full-Time Operator	28,913.27	
		<i>For Equipment Without Operator, Deduct</i>	-21,038.49	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-314.99	
01 22 23 00-0332	DAY	140 HP, D6 Bulldozer With Full-Time Operator	2,232.67	
		<i>For Equipment Without Operator, Deduct</i>	-971.01	
01 22 23 00-0333	WK	140 HP, D6 Bulldozer With Full-Time Operator	9,884.74	
		<i>For Equipment Without Operator, Deduct</i>	-4,855.04	
01 22 23 00-0334	MO	140 HP, D6 Bulldozer With Full-Time Operator	36,110.64	
		<i>For Equipment Without Operator, Deduct</i>	-21,038.49	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-602.89	
01 22 23 00-0335	DAY	200 HP, D7 Bulldozer With Full-Time Operator	2,766.12	
		<i>For Equipment Without Operator, Deduct</i>	-971.01	
01 22 23 00-0336	WK	200 HP, D7 Bulldozer With Full-Time Operator	12,027.01	
		<i>For Equipment Without Operator, Deduct</i>	-4,855.04	
01 22 23 00-0337	MO	200 HP, D7 Bulldozer With Full-Time Operator	42,545.94	
		<i>For Equipment Without Operator, Deduct</i>	-21,038.49	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-860.30	
01 22 23 00-0338	DAY	335 HP, D8 Bulldozer With Full-Time Operator	3,401.18	
		<i>For Equipment Without Operator, Deduct</i>	-971.01	
01 22 23 00-0339	WK	335 HP, D8 Bulldozer With Full-Time Operator	14,567.26	
		<i>For Equipment Without Operator, Deduct</i>	-4,855.04	
01 22 23 00-0340	MO	335 HP, D8 Bulldozer With Full-Time Operator	50,166.69	
		<i>For Equipment Without Operator, Deduct</i>	-21,038.49	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-1,165.13	
01 22 23 00-0341	DAY	460 HP, D9 Bulldozer With Full-Time Operator	3,756.82	
		<i>For Equipment Without Operator, Deduct</i>	-971.01	
01 22 23 00-0342	WK	460 HP, D9 Bulldozer With Full-Time Operator	15,981.34	
		<i>For Equipment Without Operator, Deduct</i>	-4,855.04	



General Requirements			01
Price and Payment Procedures			01 20
Unit Prices			01 22

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0343 MO 460 HP, D9 Bulldozer With Full-Time Operator For Equipment Without Operator, Deduct For >6 Months (>26 Weeks) , Deduct	54,400.44 -21,038.49 -1,334.48	
01 22 23 00-0344 Motor Scraper (01 22 23 00-0278) Note: Includes full-time operator. Excludes delivery, set-up, and removal.		
01 22 23 00-0345 DAY 11 CY Motor Scraper-Hauler With Full-Time Operator For Equipment Without Operator, Deduct	2,287.64 -971.01	
01 22 23 00-0346 WK 11 CY Motor Scraper-Hauler With Full-Time Operator For Equipment Without Operator, Deduct	10,121.55 -4,855.04	
01 22 23 00-0347 MO 11 CY Motor Scraper-Hauler With Full-Time Operator For Equipment Without Operator, Deduct For >6 Months (>26 Weeks) , Deduct	36,819.99 -21,038.49 -631.26	
01 22 23 00-0348 DAY 18 CY Motor Scraper-Hauler With Full-Time Operator For Equipment Without Operator, Deduct	2,819.70 -971.01	
01 22 23 00-0349 WK 18 CY Motor Scraper-Hauler With Full-Time Operator For Equipment Without Operator, Deduct	12,249.80 -4,855.04	
01 22 23 00-0350 MO 18 CY Motor Scraper-Hauler With Full-Time Operator For Equipment Without Operator, Deduct For >6 Months (>26 Weeks) , Deduct	43,222.77 -21,038.49 -887.37	
01 22 23 00-0351 DAY 24 CY Motor Scraper-Hauler With Full-Time Operator For Equipment Without Operator, Deduct	3,333.73 -971.01	
01 22 23 00-0352 WK 24 CY Motor Scraper-Hauler With Full-Time Operator For Equipment Without Operator, Deduct	14,296.89 -4,855.04	
01 22 23 00-0353 MO 24 CY Motor Scraper-Hauler With Full-Time Operator For Equipment Without Operator, Deduct For >6 Months (>26 Weeks) , Deduct	49,355.01 -21,038.49 -1,132.66	
01 22 23 00-0354 Hydraulic Excavators (01 22 23 00-0278) Note: Includes full-time operator. Excludes delivery, set-up, and removal.		
01 22 23 00-0355 DAY 3/8 CY Hydraulic Excavator With Full-Time Operator For Equipment Without Operator, Deduct	1,346.88 -971.01	
01 22 23 00-0356 WK 3/8 CY Hydraulic Excavator With Full-Time Operator For Equipment Without Operator, Deduct	6,184.50 -4,855.04	
01 22 23 00-0357 MO 3/8 CY Hydraulic Excavator With Full-Time Operator For Equipment Without Operator, Deduct For >6 Months (>26 Weeks) , Deduct	25,493.21 -21,038.49 -178.19	
01 22 23 00-0358 DAY 1/2 CY Hydraulic Excavator With Full-Time Operator For Equipment Without Operator, Deduct	1,452.68 -971.01	
01 22 23 00-0359 WK 1/2 CY Hydraulic Excavator With Full-Time Operator For Equipment Without Operator, Deduct	6,650.85 -4,855.04	
01 22 23 00-0360 MO 1/2 CY Hydraulic Excavator With Full-Time Operator For Equipment Without Operator, Deduct For >6 Months (>26 Weeks) , Deduct	27,358.62 -21,038.49 -252.81	
01 22 23 00-0361 DAY 5/8 CY Hydraulic Excavator With Full-Time Operator For Equipment Without Operator, Deduct	1,486.09 -971.01	
01 22 23 00-0362 WK 5/8 CY Hydraulic Excavator With Full-Time Operator For Equipment Without Operator, Deduct	6,824.86 -4,855.04	
01 22 23 00-0363 MO 5/8 CY Hydraulic Excavator With Full-Time Operator For Equipment Without Operator, Deduct For >6 Months (>26 Weeks) , Deduct	27,664.89 -21,038.49 -265.06	
01 22 23 00-0364 DAY 3/4 CY Hydraulic Excavator With Full-Time Operator For Equipment Without Operator, Deduct	1,520.89 -971.01	
01 22 23 00-0365 WK 3/4 CY Hydraulic Excavator With Full-Time Operator For Equipment Without Operator, Deduct	6,984.95 -4,855.04	
01 22 23 00-0366 MO 3/4 CY Hydraulic Excavator With Full-Time Operator For Equipment Without Operator, Deduct For >6 Months (>26 Weeks) , Deduct	27,971.15 -21,038.49 -277.31	
01 22 23 00-0367 DAY 7/8 To 1 CY Hydraulic Excavator With Full-Time Operator For Equipment Without Operator, Deduct	1,548.73 -971.01	
01 22 23 00-0368 WK 7/8 To 1 CY Hydraulic Excavator With Full-Time Operator For Equipment Without Operator, Deduct	7,152.00 -4,855.04	
01 22 23 00-0369 MO 7/8 To 1 CY Hydraulic Excavator With Full-Time Operator For Equipment Without Operator, Deduct For >6 Months (>26 Weeks) , Deduct	28,277.41 -21,038.49 -289.56	
01 22 23 00-0370 DAY 1-1/8 To 1-1/4 CY Hydraulic Excavator With Full-Time Operator For Equipment Without Operator, Deduct	1,924.60 -971.01	
01 22 23 00-0371 WK 1-1/8 To 1-1/4 CY Hydraulic Excavator With Full-Time Operator For Equipment Without Operator, Deduct	8,648.51 -4,855.04	
01 22 23 00-0372 MO 1-1/8 To 1-1/4 CY Hydraulic Excavator With Full-Time Operator For Equipment Without Operator, Deduct For >6 Months (>26 Weeks) , Deduct	32,418.91 -21,038.49 -455.22	
01 22 23 00-0373 DAY 1-3/8 To 1-1/2 CY Hydraulic Excavator With Full-Time Operator For Equipment Without Operator, Deduct	1,980.28 -971.01	
01 22 23 00-0374 WK 1-3/8 To 1-1/2 CY Hydraulic Excavator With Full-Time Operator For Equipment Without Operator, Deduct	8,892.13 -4,855.04	
01 22 23 00-0375 MO 1-3/8 To 1-1/2 CY Hydraulic Excavator With Full-Time Operator For Equipment Without Operator, Deduct For >6 Months (>26 Weeks) , Deduct	33,149.76 -21,038.49 -484.45	
01 22 23 00-0376 DAY 1-5/8 To 1-7/8 CY Hydraulic Excavator With Full-Time Operator For Equipment Without Operator, Deduct	2,084.69 -971.01	
01 22 23 00-0377 WK 1-5/8 To 1-7/8 CY Hydraulic Excavator With Full-Time Operator For Equipment Without Operator, Deduct	9,309.76 -4,855.04	

01	General Requirements
01 20	Price and Payment Procedures
01 22	Unit Prices



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0378 MO 1-5/8 To 1-7/8 CY Hydraulic Excavator With Full-Time Operator	34,402.65	
For Equipment Without Operator, Deduct	-21,038.49	
For >6 Months (>26 Weeks), Deduct	-534.57	
01 22 23 00-0379 DAY 2 To 2-3/8 CY Hydraulic Excavator With Full-Time Operator.....	2,203.02	
For Equipment Without Operator, Deduct	-971.01	
01 22 23 00-0380 WK 2 To 2-3/8 CY Hydraulic Excavator With Full-Time Operator.....	9,776.11	
For Equipment Without Operator, Deduct	-4,855.04	
01 22 23 00-0381 MO 2 To 2-3/8 CY Hydraulic Excavator With Full-Time Operator.....	35,794.75	
For Equipment Without Operator, Deduct	-21,038.49	
For >6 Months (>26 Weeks), Deduct	-590.25	
01 22 23 00-0382 DAY 2-1/2 To 2-7/8 CY Hydraulic Excavator With Full-Time Operator	2,237.82	
For Equipment Without Operator, Deduct	-971.01	
01 22 23 00-0383 WK 2-1/2 To 2-7/8 CY Hydraulic Excavator With Full-Time Operator	9,915.32	
For Equipment Without Operator, Deduct	-4,855.04	
01 22 23 00-0384 MO 2-1/2 To 2-7/8 CY Hydraulic Excavator With Full-Time Operator	36,212.38	
For Equipment Without Operator, Deduct	-21,038.49	
For >6 Months (>26 Weeks), Deduct	-606.96	
01 22 23 00-0385 DAY 3 To 3-3/4 CY Hydraulic Excavator With Full-Time Operator.....	2,571.93	
For Equipment Without Operator, Deduct	-971.01	
01 22 23 00-0386 WK 3 To 3-3/4 CY Hydraulic Excavator With Full-Time Operator.....	11,258.70	
For Equipment Without Operator, Deduct	-4,855.04	
01 22 23 00-0387 MO 3 To 3-3/4 CY Hydraulic Excavator With Full-Time Operator.....	40,249.47	
For Equipment Without Operator, Deduct	-21,038.49	
For >6 Months (>26 Weeks), Deduct	-768.44	
01 22 23 00-0388 DAY 4 To 5-3/4 CY Hydraulic Excavator With Full-Time Operator.....	3,052.20	
For Equipment Without Operator, Deduct	-971.01	
01 22 23 00-0389 WK 4 To 5-3/4 CY Hydraulic Excavator With Full-Time Operator.....	13,165.88	
For Equipment Without Operator, Deduct	-4,855.04	
01 22 23 00-0390 MO 4 To 5-3/4 CY Hydraulic Excavator With Full-Time Operator.....	45,957.08	
For Equipment Without Operator, Deduct	-21,038.49	
For >6 Months (>26 Weeks), Deduct	-996.74	
01 22 23 00-0391 DAY 6 To 11 CY Hydraulic Excavator With Full-Time Operator.....	3,643.84	
For Equipment Without Operator, Deduct	-971.01	
01 22 23 00-0392 WK 6 To 11 CY Hydraulic Excavator With Full-Time Operator.....	15,532.45	
For Equipment Without Operator, Deduct	-4,855.04	
01 22 23 00-0393 MO 6 To 11 CY Hydraulic Excavator With Full-Time Operator.....	53,056.79	
For Equipment Without Operator, Deduct	-21,038.49	
For >6 Months (>26 Weeks), Deduct	-1,280.73	
01 22 23 00-0394 DAY Up To 50' Depth, 50,000 LB Operating Weight, Long-Arm Hydraulic Excavator With Full-Time Operator	2,112.53	
For Equipment Without Operator, Deduct	-971.01	
01 22 23 00-0395 WK Up To 50' Depth, 50,000 LB Operating Weight, Long-Arm Hydraulic Excavator With Full-Time Operator	9,407.21	
For Equipment Without Operator, Deduct	-4,855.04	
01 22 23 00-0396 MO Up To 50' Depth, 50,000 LB Operating Weight, Long-Arm Hydraulic Excavator With Full-Time Operator	34,681.07	
For Equipment Without Operator, Deduct	-21,038.49	
For >6 Months (>26 Weeks), Deduct	-545.70	
01 22 23 00-0397 DAY Thumbs Or Grapple Attachment For Hydraulic Excavators	97.45	
01 22 23 00-0398 WK Thumbs Or Grapple Attachment For Hydraulic Excavators	375.87	
01 22 23 00-0399 MO Thumbs Or Grapple Attachment For Hydraulic Excavators	1,113.68	
For >6 Months (>26 Weeks), Deduct	-44.55	
01 22 23 00-0400 DAY 1,000 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators.....	431.55	
01 22 23 00-0401 WK 1,000 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators.....	1,141.52	
01 22 23 00-0402 MO 1,000 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators.....	3,194.87	
For >6 Months (>26 Weeks), Deduct	-127.79	
01 22 23 00-0403 DAY 1,500 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators.....	668.21	
01 22 23 00-0404 WK 1,500 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators.....	1,705.32	
01 22 23 00-0405 MO 1,500 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators.....	4,433.84	
For >6 Months (>26 Weeks), Deduct	-177.35	
01 22 23 00-0406 DAY 3,000 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators.....	932.71	
01 22 23 00-0407 WK 3,000 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators.....	2,512.74	
01 22 23 00-0408 MO 3,000 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators.....	7,044.03	
For >6 Months (>26 Weeks), Deduct	-281.76	
01 22 23 00-0409 DAY 24" Compaction Wheel Attachment For Hydraulic Excavators	194.89	
01 22 23 00-0410 WK 24" Compaction Wheel Attachment For Hydraulic Excavators	779.58	
01 22 23 00-0411 MO 24" Compaction Wheel Attachment For Hydraulic Excavators	2,338.73	
For >6 Months (>26 Weeks), Deduct	-93.55	
01 22 23 00-0412 DAY 36" Compaction Wheel Attachment For Hydraulic Excavators	278.42	
01 22 23 00-0413 WK 36" Compaction Wheel Attachment For Hydraulic Excavators	1,113.68	
01 22 23 00-0414 MO 36" Compaction Wheel Attachment For Hydraulic Excavators	3,341.04	
For >6 Months (>26 Weeks), Deduct	-133.64	
01 22 23 00-0415 DAY 48" Compaction Wheel Attachment For Hydraulic Excavators	306.26	
01 22 23 00-0416 WK 48" Compaction Wheel Attachment For Hydraulic Excavators	1,211.13	
01 22 23 00-0417 MO 48" Compaction Wheel Attachment For Hydraulic Excavators	3,619.46	
For >6 Months (>26 Weeks), Deduct	-144.78	
01 22 23 00-0418 Mini-Excavators (01 22 23 00-0278)		
Note: Includes full-time operator. Excludes delivery, set-up, and removal.		
01 22 23 00-0419 DAY 2,000 LB Mini-Excavator With Full-Time Operator.....	1,263.35	
For Equipment Without Operator, Deduct	-971.01	
01 22 23 00-0420 WK 2,000 LB Mini-Excavator With Full-Time Operator.....	5,683.34	
For Equipment Without Operator, Deduct	-4,855.04	
01 22 23 00-0421 MO 2,000 LB Mini-Excavator With Full-Time Operator.....	22,862.14	
For Equipment Without Operator, Deduct	-21,038.49	
For >6 Months (>26 Weeks), Deduct	-72.95	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0422 DAY 3,500 LB Mini-Excavator With Full-Time Operator..... For Equipment Without Operator, Deduct	1,270.31 -971.01	
01 22 23 00-0423 WK 3,500 LB Mini-Excavator With Full-Time Operator..... For Equipment Without Operator, Deduct	5,704.22 -4,855.04	
01 22 23 00-0424 MO 3,500 LB Mini-Excavator With Full-Time Operator..... For Equipment Without Operator, Deduct For >6 Months (>26 Weeks) , Deduct	23,300.65 -21,038.49 -90.49	
01 22 23 00-0425 DAY 6,000 LB Mini-Excavator With Full-Time Operator..... For Equipment Without Operator, Deduct	1,305.11 -971.01	
01 22 23 00-0426 WK 6,000 LB Mini-Excavator With Full-Time Operator..... For Equipment Without Operator, Deduct	5,801.67 -4,855.04	
01 22 23 00-0427 MO 6,000 LB Mini-Excavator With Full-Time Operator..... For Equipment Without Operator, Deduct For >6 Months (>26 Weeks) , Deduct	23,363.30 -21,038.49 -92.99	
01 22 23 00-0428 DAY 7,500 LB Mini-Excavator With Full-Time Operator..... For Equipment Without Operator, Deduct	1,319.03 -971.01	
01 22 23 00-0429 WK 7,500 LB Mini-Excavator With Full-Time Operator..... For Equipment Without Operator, Deduct	5,850.39 -4,855.04	
01 22 23 00-0430 MO 7,500 LB Mini-Excavator With Full-Time Operator..... For Equipment Without Operator, Deduct For >6 Months (>26 Weeks) , Deduct	23,391.14 -21,038.49 -94.11	
01 22 23 00-0431 DAY 9,500 LB Mini-Excavator With Full-Time Operator..... For Equipment Without Operator, Deduct	1,402.56 -971.01	
01 22 23 00-0432 WK 9,500 LB Mini-Excavator With Full-Time Operator..... For Equipment Without Operator, Deduct	5,920.00 -4,855.04	
01 22 23 00-0433 MO 9,500 LB Mini-Excavator With Full-Time Operator..... For Equipment Without Operator, Deduct For >6 Months (>26 Weeks) , Deduct	24,198.56 -21,038.49 -126.40	
01 22 23 00-0434 DAY 11,000 LB Mini-Excavator With Full-Time Operator..... For Equipment Without Operator, Deduct	1,409.52 -971.01	
01 22 23 00-0435 WK 11,000 LB Mini-Excavator With Full-Time Operator..... For Equipment Without Operator, Deduct	6,268.02 -4,855.04	
01 22 23 00-0436 MO 11,000 LB Mini-Excavator With Full-Time Operator..... For Equipment Without Operator, Deduct For >6 Months (>26 Weeks) , Deduct	24,233.36 -21,038.49 -127.79	
01 22 23 00-0437 Telescopic Hydraulic Excavators (Gradall) (01 22 23 00-0278) Note: Includes full-time operator. Excludes delivery, set-up, and removal.		
01 22 23 00-0438 DAY Telescopic Hydraulic Excavator (Gradall) With Full-Time Operator..... For Equipment Without Operator, Deduct	4,393.25 -971.01	
01 22 23 00-0439 WK Telescopic Hydraulic Excavator (Gradall) With Full-Time Operator..... For Equipment Without Operator, Deduct	12,898.39 -4,855.04	
01 22 23 00-0440 MO Telescopic Hydraulic Excavator (Gradall) With Full-Time Operator..... For Equipment Without Operator, Deduct For >6 Months (>26 Weeks) , Deduct	49,746.36 -21,038.49 -1,148.31	
01 22 23 00-0441 Road Graders (01 22 23 00-0278) Note: Includes full-time operator. Excludes delivery, set-up, and removal.		
01 22 23 00-0442 DAY 50 To 60 HP Road Grader With Full-Time Operator..... For Equipment Without Operator, Deduct	2,323.71 -971.01	
01 22 23 00-0443 WK 50 To 60 HP Road Grader With Full-Time Operator..... For Equipment Without Operator, Deduct	8,372.06 -4,855.04	
01 22 23 00-0444 MO 50 To 60 HP Road Grader With Full-Time Operator..... For Equipment Without Operator, Deduct For >6 Months (>26 Weeks) , Deduct	30,507.39 -21,038.49 -378.76	
01 22 23 00-0445 DAY 80 To 100 HP Road Grader With Full-Time Operator..... For Equipment Without Operator, Deduct	2,991.04 -971.01	
01 22 23 00-0446 WK 80 To 100 HP Road Grader With Full-Time Operator..... For Equipment Without Operator, Deduct	9,851.01 -4,855.04	
01 22 23 00-0447 MO 80 To 100 HP Road Grader With Full-Time Operator..... For Equipment Without Operator, Deduct For >6 Months (>26 Weeks) , Deduct	35,016.39 -21,038.49 -559.12	
01 22 23 00-0448 DAY 130 To 140 HP Road Grader With Full-Time Operator..... For Equipment Without Operator, Deduct	3,488.53 -971.01	
01 22 23 00-0449 WK 130 To 140 HP Road Grader With Full-Time Operator..... For Equipment Without Operator, Deduct	11,324.55 -4,855.04	
01 22 23 00-0450 MO 130 To 140 HP Road Grader With Full-Time Operator..... For Equipment Without Operator, Deduct For >6 Months (>26 Weeks) , Deduct	40,449.73 -21,038.49 -776.45	
01 22 23 00-0451 DAY 170 To 185 HP Road Grader With Full-Time Operator..... For Equipment Without Operator, Deduct	4,244.54 -971.01	
01 22 23 00-0452 WK 170 To 185 HP Road Grader With Full-Time Operator..... For Equipment Without Operator, Deduct	17,949.18 -4,855.04	
01 22 23 00-0453 MO 170 To 185 HP Road Grader With Full-Time Operator..... For Equipment Without Operator, Deduct For >6 Months (>26 Weeks) , Deduct	66,867.94 -21,038.46 -1,833.18	
01 22 23 00-0454 Loader-Backhoes With Standard Bucket (01 22 23 00-0278) Note: Includes full-time operator. Excludes delivery, set-up, and removal.		
01 22 23 00-0455 DAY 1/2 To 5/8 CY, 65 HP, Loader-Backhoe With Standard Bucket And Full-Time Operator..... For Equipment Without Operator, Deduct	1,403.33 -971.01	

01	General Requirements
01 20	Price and Payment Procedures
01 22	Unit Prices



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0456	WK	1/2 To 5/8 CY, 65 HP, Loader-Backhoe With Standard Bucket And Full-Time Operator.....	5,881.80	
		<i>For Equipment Without Operator, Deduct</i>	-4,855.04	
01 22 23 00-0457	MO	1/2 To 5/8 CY, 65 HP, Loader-Backhoe With Standard Bucket And Full-Time Operator.....	23,454.85	
		<i>For Equipment Without Operator, Deduct</i>	-21,038.49	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-96.65	
01 22 23 00-0458	DAY	1 CY, 24" Bucket, 14'-4" Deep, 75 HP, Loader-Backhoe With Full-Time Operator.....	1,449.65	
		<i>For Equipment Without Operator, Deduct</i>	-971.01	
01 22 23 00-0459	WK	1 CY, 24" Bucket, 14'-4" Deep, 75 HP, Loader-Backhoe With Full-Time Operator.....	6,043.92	
		<i>For Equipment Without Operator, Deduct</i>	-4,855.04	
01 22 23 00-0460	MO	1 CY, 24" Bucket, 14'-4" Deep, 75 HP, Loader-Backhoe With Full-Time Operator.....	24,443.01	
		<i>For Equipment Without Operator, Deduct</i>	-21,038.49	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-136.18	
01 22 23 00-0461	DAY	1-1/2 CY, 24" Bucket, 16'-6" Deep, 90 HP, Loader-Backhoe With Full-Time Operator.....	1,521.06	
		<i>For Equipment Without Operator, Deduct</i>	-971.01	
01 22 23 00-0462	WK	1-1/2 CY, 24" Bucket, 16'-6" Deep, 90 HP, Loader-Backhoe With Full-Time Operator.....	6,221.48	
		<i>For Equipment Without Operator, Deduct</i>	-4,855.04	
01 22 23 00-0463	MO	1-1/2 CY, 24" Bucket, 16'-6" Deep, 90 HP, Loader-Backhoe With Full-Time Operator.....	24,952.53	
		<i>For Equipment Without Operator, Deduct</i>	-21,038.49	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-156.56	
01 22 23 00-0464	DAY	1-3/4 CY, 30" Bucket, 18'-0" Deep, 112 HP, Loader-Backhoe With Full-Time Operator.....	1,839.51	
		<i>For Equipment Without Operator, Deduct</i>	-971.01	
01 22 23 00-0465	WK	1-3/4 CY, 30" Bucket, 18'-0" Deep, 112 HP, Loader-Backhoe With Full-Time Operator.....	7,171.04	
		<i>For Equipment Without Operator, Deduct</i>	-4,855.04	
01 22 23 00-0466	MO	1-3/4 CY, 30" Bucket, 18'-0" Deep, 112 HP, Loader-Backhoe With Full-Time Operator.....	27,669.97	
		<i>For Equipment Without Operator, Deduct</i>	-21,038.49	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-265.26	
01 22 23 00-0467 Heavy Duty Construction Loaders (01 22 23 00-0278)				
Note: Includes full-time operator. Excludes delivery, set-up, and removal.				
01 22 23 00-0468	DAY	2-1/2 CY, 119 HP, Heavy Duty Construction Loader With Full-Time Operator.....	1,471.51	
		<i>For Equipment Without Operator, Deduct</i>	-971.01	
01 22 23 00-0469	WK	2-1/2 CY, 119 HP, Heavy Duty Construction Loader With Full-Time Operator.....	6,833.94	
		<i>For Equipment Without Operator, Deduct</i>	-4,855.04	
01 22 23 00-0470	MO	2-1/2 CY, 119 HP, Heavy Duty Construction Loader With Full-Time Operator.....	26,967.49	
		<i>For Equipment Without Operator, Deduct</i>	-21,038.49	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-237.16	
01 22 23 00-0471	DAY	3 CY, 135 HP, Heavy Duty Construction Loader With Full-Time Operator.....	1,887.31	
		<i>For Equipment Without Operator, Deduct</i>	-971.01	
01 22 23 00-0472	WK	3 CY, 135 HP, Heavy Duty Construction Loader With Full-Time Operator.....	7,288.24	
		<i>For Equipment Without Operator, Deduct</i>	-4,855.04	
01 22 23 00-0473	MO	3 CY, 135 HP, Heavy Duty Construction Loader With Full-Time Operator.....	27,198.49	
		<i>For Equipment Without Operator, Deduct</i>	-21,038.49	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-246.40	
01 22 23 00-0474	DAY	3-1/2 CY, 198 HP, Heavy Duty Construction Loader With Full-Time Operator.....	1,979.71	
		<i>For Equipment Without Operator, Deduct</i>	-971.01	
01 22 23 00-0475	WK	3-1/2 CY, 198 HP, Heavy Duty Construction Loader With Full-Time Operator.....	7,534.64	
		<i>For Equipment Without Operator, Deduct</i>	-4,855.04	
01 22 23 00-0476	MO	3-1/2 CY, 198 HP, Heavy Duty Construction Loader With Full-Time Operator.....	27,814.49	
		<i>For Equipment Without Operator, Deduct</i>	-21,038.49	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-271.04	
01 22 23 00-0477	DAY	4-1/2 CY, 215 HP, Heavy Duty Construction Loader With Full-Time Operator.....	2,233.81	
		<i>For Equipment Without Operator, Deduct</i>	-971.01	
01 22 23 00-0478	WK	4-1/2 CY, 215 HP, Heavy Duty Construction Loader With Full-Time Operator.....	8,204.54	
		<i>For Equipment Without Operator, Deduct</i>	-4,855.04	
01 22 23 00-0479	MO	4-1/2 CY, 215 HP, Heavy Duty Construction Loader With Full-Time Operator.....	29,508.49	
		<i>For Equipment Without Operator, Deduct</i>	-21,038.49	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-338.80	
01 22 23 00-0480	DAY	7-1/3 CY, 330 HP, Heavy Duty Construction Loader With Full-Time Operator.....	2,888.31	
		<i>For Equipment Without Operator, Deduct</i>	-971.01	
01 22 23 00-0481	WK	7-1/3 CY, 330 HP, Heavy Duty Construction Loader With Full-Time Operator.....	12,508.84	
		<i>For Equipment Without Operator, Deduct</i>	-4,855.04	
01 22 23 00-0482	MO	7-1/3 CY, 330 HP, Heavy Duty Construction Loader With Full-Time Operator.....	43,984.49	
		<i>For Equipment Without Operator, Deduct</i>	-21,038.49	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-917.84	
01 22 23 00-0483	DAY	13-1/2 CY, 690 HP, Heavy Duty Construction Loader With Full-Time Operator.....	7,200.23	
		<i>For Equipment Without Operator, Deduct</i>	-971.01	
01 22 23 00-0484	WK	13-1/2 CY, 690 HP, Heavy Duty Construction Loader With Full-Time Operator.....	25,082.72	
		<i>For Equipment Without Operator, Deduct</i>	-4,855.04	
01 22 23 00-0485	MO	13-1/2 CY, 690 HP, Heavy Duty Construction Loader With Full-Time Operator.....	76,164.41	
		<i>For Equipment Without Operator, Deduct</i>	-21,038.49	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-2,205.04	
01 22 23 00-0486 Shoring (01 22 23 00-0278)				
Note: Includes delivery to job site and pick-up when complete.				
01 22 23 00-0487 Aluminum Hydraulic Shoring (01 22 23 00-0486)				
Note: Includes delivery to job site and pick-up when complete. Excludes sheeting.				
01 22 23 00-0488	WK	2' Rails, 1 Cylinder, Aluminum Hydraulic Shoring.....	114.71	
		Note: Up to 88" spread width.		
01 22 23 00-0489	MO	2' Rails, 1 Cylinder, Aluminum Hydraulic Shoring.....	338.35	
		Note: Up to 88" spread width.		
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-13.53	



General Requirements			01
Price and Payment Procedures			01 20
Unit Prices			01 22

MINOR			TOTAL DIRECT		DEMOLITION
CSI UOM DESCRIPTION			UNIT COST		UNIT COST
01 22 23 00-0490	WK	Up To 12' Rails, 2 Cylinders, Aluminum Hydraulic Shoring	153.88		
		Note: Up to 88" spread width.			
01 22 23 00-0491	MO	Up To 12' Rails, 2 Cylinders, Aluminum Hydraulic Shoring	453.89		
		Note: Up to 88" spread width.			
		For >6 Months (>26 Weeks) , Deduct	-18.16		
01 22 23 00-0492	WK	Up To 16' Rails, 3 Cylinders, Aluminum Hydraulic Shoring	285.34		
		Note: Up to 88" spread width.			
01 22 23 00-0493	MO	Up To 16' Rails, 3 Cylinders, Aluminum Hydraulic Shoring	841.75		
		Note: Up to 88" spread width.			
		For >6 Months (>26 Weeks) , Deduct	-33.67		
01 22 23 00-0494	EA	Set-up And Removal Of 1 Cylinder Aluminum Hydraulic Shores.....	30.38		
01 22 23 00-0495	EA	Set-up And Removal Of 2 Cylinders Aluminum Hydraulic Shores.....	48.61		
01 22 23 00-0496	EA	Set-up And Removal Of 3 Cylinders Aluminum Hydraulic Shores.....	81.01		
01 22 23 00-0497 Trench Boxes/Trench Shields (01 22 23 00-0278)					
		Note: Trenching tasks include moving the trench box in excavation as trenching proceeds. Includes delivery to job site and pick-up when complete. For stackable units, combine multiple units for depth required.			
01 22 23 00-0498	WK	4' x 6' Trench Box With Up To 48" Spreaders.....	256.08		
01 22 23 00-0499	MO	4' x 6' Trench Box With Up To 48" Spreaders.....	768.23		
		For >6 Months (>26 Weeks) , Deduct	-30.73		
01 22 23 00-0500	WK	6' x 6' Trench Box With Up To 48" Spreaders.....	289.12		
01 22 23 00-0501	MO	6' x 6' Trench Box With Up To 48" Spreaders.....	867.35		
		For >6 Months (>26 Weeks) , Deduct	-34.69		
01 22 23 00-0502	WK	8' x 6' Trench Box With Up To 48" Spreaders.....	305.64		
01 22 23 00-0503	MO	8' x 6' Trench Box With Up To 48" Spreaders.....	916.92		
		For >6 Months (>26 Weeks) , Deduct	-36.68		
01 22 23 00-0504	WK	4' x 8' Trench Box With Up To 48" Spreaders.....	280.86		
01 22 23 00-0505	MO	4' x 8' Trench Box With Up To 48" Spreaders.....	842.57		
		For >6 Months (>26 Weeks) , Deduct	-33.70		
01 22 23 00-0506	WK	6' x 8' Trench Box With Up To 48" Spreaders.....	330.42		
01 22 23 00-0507	MO	6' x 8' Trench Box With Up To 48" Spreaders.....	991.26		
		For >6 Months (>26 Weeks) , Deduct	-39.65		
01 22 23 00-0508	WK	8' x 8' Trench Box With Up To 48" Spreaders.....	371.72		
01 22 23 00-0509	MO	8' x 8' Trench Box With Up To 48" Spreaders.....	1,115.17		
		For >6 Months (>26 Weeks) , Deduct	-44.61		
01 22 23 00-0510	WK	4' x 10' Trench Box With Up To 48" Spreaders.....	313.90		
01 22 23 00-0511	MO	4' x 10' Trench Box With Up To 48" Spreaders.....	941.70		
		For >6 Months (>26 Weeks) , Deduct	-37.67		
01 22 23 00-0512	WK	6' x 10' Trench Box With Up To 48" Spreaders.....	371.72		
01 22 23 00-0513	MO	6' x 10' Trench Box With Up To 48" Spreaders.....	1,115.17		
		For >6 Months (>26 Weeks) , Deduct	-44.61		
01 22 23 00-0514	WK	8' x 10' Trench Box With Up To 48" Spreaders.....	454.33		
01 22 23 00-0515	MO	8' x 10' Trench Box With Up To 48" Spreaders.....	1,354.72		
		For >6 Months (>26 Weeks) , Deduct	-54.19		
01 22 23 00-0516	WK	4' x 12' Trench Box With Up To 48" Spreaders.....	371.72		
01 22 23 00-0517	MO	4' x 12' Trench Box With Up To 48" Spreaders.....	1,115.17		
		For >6 Months (>26 Weeks) , Deduct	-44.61		
01 22 23 00-0518	WK	6' x 12' Trench Box With Up To 48" Spreaders.....	454.33		
01 22 23 00-0519	MO	6' x 12' Trench Box With Up To 48" Spreaders.....	1,362.98		
		For >6 Months (>26 Weeks) , Deduct	-54.52		
01 22 23 00-0520	WK	8' x 12' Trench Box With Up To 48" Spreaders.....	578.24		
01 22 23 00-0521	MO	8' x 12' Trench Box With Up To 48" Spreaders.....	1,734.70		
		For >6 Months (>26 Weeks) , Deduct	-69.39		
01 22 23 00-0522	WK	4' x 14' Trench Box With Up To 48" Spreaders.....	413.02		
01 22 23 00-0523	MO	4' x 14' Trench Box With Up To 48" Spreaders.....	1,239.08		
		For >6 Months (>26 Weeks) , Deduct	-49.56		
01 22 23 00-0524	WK	6' x 14' Trench Box With Up To 48" Spreaders.....	536.93		
01 22 23 00-0525	MO	6' x 14' Trench Box With Up To 48" Spreaders.....	1,610.80		
		For >6 Months (>26 Weeks) , Deduct	-64.43		
01 22 23 00-0526	WK	8' x 14' Trench Box With Up To 48" Spreaders.....	660.84		
01 22 23 00-0527	MO	8' x 14' Trench Box With Up To 48" Spreaders.....	1,982.52		
		For >6 Months (>26 Weeks) , Deduct	-79.30		
01 22 23 00-0528	WK	4' x 16' Trench Box With Up To 48" Spreaders.....	454.33		
01 22 23 00-0529	MO	4' x 16' Trench Box With Up To 48" Spreaders.....	1,362.98		
		For >6 Months (>26 Weeks) , Deduct	-54.52		
01 22 23 00-0530	WK	6' x 16' Trench Box With Up To 48" Spreaders.....	619.54		
01 22 23 00-0531	MO	6' x 16' Trench Box With Up To 48" Spreaders.....	1,858.61		
		For >6 Months (>26 Weeks) , Deduct	-74.34		
01 22 23 00-0532	WK	8' x 16' Trench Box With Up To 48" Spreaders.....	743.44		
01 22 23 00-0533	MO	8' x 16' Trench Box With Up To 48" Spreaders.....	2,230.34		
		For >6 Months (>26 Weeks) , Deduct	-89.21		
01 22 23 00-0534	WK	4' x 20' Trench Box With Up To 48" Spreaders.....	536.93		
01 22 23 00-0535	MO	4' x 20' Trench Box With Up To 48" Spreaders.....	1,610.80		
		For >6 Months (>26 Weeks) , Deduct	-64.43		
01 22 23 00-0536	WK	6' x 20' Trench Box With Up To 48" Spreaders.....	743.44		
01 22 23 00-0537	MO	6' x 20' Trench Box With Up To 48" Spreaders.....	2,230.34		
		For >6 Months (>26 Weeks) , Deduct	-89.21		
01 22 23 00-0538	WK	8' x 20' Trench Box With Up To 48" Spreaders.....	867.35		
01 22 23 00-0539	MO	8' x 20' Trench Box With Up To 48" Spreaders.....	2,602.06		
		For >6 Months (>26 Weeks) , Deduct	-104.08		
01 22 23 00-0540	WK	4' x 24' Trench Box With Up To 48" Spreaders.....	743.44		

01	General Requirements
01 20	Price and Payment Procedures
01 22	Unit Prices



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0541	MO	4' x 24' Trench Box With Up To 48" Spreaders.....	2,230.34	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-89.27	
01 22 23 00-0542	WK	6' x 24' Trench Box With Up To 48" Spreaders.....	908.66	
01 22 23 00-0543	MO	6' x 24' Trench Box With Up To 48" Spreaders.....	2,725.96	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-109.04	
01 22 23 00-0544	WK	8' x 24' Trench Box With Up To 48" Spreaders.....	991.26	
01 22 23 00-0545	MO	8' x 24' Trench Box With Up To 48" Spreaders.....	2,973.78	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-118.95	
01 22 23 00-0546	WK	For Spreaders >48" To 84", Add.....	24.78	
01 22 23 00-0547	MO	For Spreaders >48" To 84", Add.....	74.34	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-2.97	
01 22 23 00-0548	WK	For Spreaders >84" To 120", Add.....	148.69	
01 22 23 00-0549	MO	For Spreaders >84" To 120", Add.....	446.07	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-17.84	
01 22 23 00-0550	WK	For Spreaders >120", Add.....	313.90	
01 22 23 00-0551	MO	For Spreaders >120", Add.....	941.70	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-37.67	
01 22 23 00-0552	WK	8' x 4' Manhole Box.....	390.31	
01 22 23 00-0553	MO	8' x 4' Manhole Box.....	1,170.93	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-46.84	
01 22 23 00-0554	WK	8' x 8' Manhole Box.....	557.58	
01 22 23 00-0555	MO	8' x 8' Manhole Box.....	1,672.75	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-66.91	
01 22 23 00-0556		Trenchers (01 22 23 00-0278)		
		Note: Includes full-time operator. Excludes delivery, set-up, and removal.		
01 22 23 00-0557	DAY	4' Maximum Trench Depth, Ride-On Trencher With Full-Time Operator	1,368.84	
		<i>For Equipment Without Operator, Deduct</i>	-967.21	
01 22 23 00-0558	WK	4' Maximum Trench Depth, Ride-On Trencher With Full-Time Operator	6,204.11	
		<i>For Equipment Without Operator, Deduct</i>	-4,836.05	
01 22 23 00-0559	MO	4' Maximum Trench Depth, Ride-On Trencher With Full-Time Operator	24,721.53	
		<i>For Equipment Without Operator, Deduct</i>	-20,956.23	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-150.61	
01 22 23 00-0560	DAY	5' Maximum Trench Depth, Ride-On Trencher With Full-Time Operator	2,046.60	
		<i>For Equipment Without Operator, Deduct</i>	-967.21	
01 22 23 00-0561	WK	5' Maximum Trench Depth, Ride-On Trencher With Full-Time Operator	8,488.39	
		<i>For Equipment Without Operator, Deduct</i>	-4,836.05	
01 22 23 00-0562	MO	5' Maximum Trench Depth, Ride-On Trencher With Full-Time Operator	30,997.03	
		<i>For Equipment Without Operator, Deduct</i>	-20,956.23	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-401.63	
01 22 23 00-0563		Truck Mounted Vacuum Excavator (01 22 23 00-0278)		
		Note: Includes driver, delivery, and removal.		
01 22 23 00-0564	DAY	Truck Mounted Vacuum Excavator With Full-time Operator	8,200.12	
01 22 23 00-0565		Tractors (01 22 23 00-0278)		
		Note: Excludes operator, delivery, set-up, and removal.		
01 22 23 00-0566	DAY	20 To 29 HP Tractor	569.31	
01 22 23 00-0567	WK	20 To 29 HP Tractor	1,370.57	
01 22 23 00-0568	MO	20 To 29 HP Tractor	3,700.54	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-148.02	
01 22 23 00-0569	DAY	30 To 35 HP Tractor	589.90	
01 22 23 00-0570	WK	30 To 35 HP Tractor	1,518.67	
01 22 23 00-0571	MO	30 To 35 HP Tractor	4,204.58	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-168.18	
01 22 23 00-0572	DAY	40 To 45 HP Tractor	602.45	
01 22 23 00-0573	WK	40 To 45 HP Tractor	1,619.08	
01 22 23 00-0574	MO	40 To 45 HP Tractor	4,443.05	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-177.72	
01 22 23 00-0575	DAY	80 To 89 HP Tractor	775.65	
01 22 23 00-0576	WK	80 To 89 HP Tractor	2,199.69	
01 22 23 00-0577	MO	80 To 89 HP Tractor	6,298.34	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-251.93	
01 22 23 00-0578	DAY	60" Rotary Mower Attachment For Tractors.....	243.49	
01 22 23 00-0579	WK	60" Rotary Mower Attachment For Tractors.....	753.06	
01 22 23 00-0580	DAY	84" Rotary Mower Attachment For Tractors.....	266.08	
01 22 23 00-0581	WK	84" Rotary Mower Attachment For Tractors.....	815.82	
01 22 23 00-0582	DAY	Under Deck Rotary Mower Attachment For Tractors	40.18	
01 22 23 00-0583	WK	Under Deck Rotary Mower Attachment For Tractors	160.73	
01 22 23 00-0584		Portable Sediment Tank (01 22 23 00-0278)		
		Note: Includes delivery to job site and pick-up when complete.		
01 22 23 00-0585	WK	Portable Sediment Tank	200.92	
01 22 23 00-0586	MO	Portable Sediment Tank	589.36	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-23.57	



General Requirements		01
Price and Payment Procedures		01 20
Unit Prices		01 22

MINOR		TOTAL DIRECT		DEMOLITION
CSI UOM DESCRIPTION		UNIT COST		UNIT COST
01 22 23 00-0587	Heavy Equipment (Ground Protection) Mats (01 22 23 00-0278) Note: Rental price per mat. Excludes placement, moving, mobilization and demobilization. See CSI section 01 22 23 00-0278 for equipment for offloading/reloading from delivery vehicle, placing, and moving mats, 01 71 13 00-0001 for equipment delivery, pickup, mobilization and demobilization.			
01 22 23 00-0588	DAY 14' Width x 8' Length, 6" Thick, 3-Ply Laminated Heavy Equipment Mat.....		23.68	
01 22 23 00-0589	WK 14' Width x 8' Length, 6" Thick, 3-Ply Laminated Heavy Equipment Mat.....		56.37	
01 22 23 00-0590	MO 14' Width x 8' Length, 6" Thick, 3-Ply Laminated Heavy Equipment Mat.....		118.38	
	For >6 Months (>26 Weeks) , Deduct		-4.74	
01 22 23 00-0591	DAY 16' Width x 8' Length, 6" Thick, 3-Ply Laminated Heavy Equipment Mat.....		24.86	
01 22 23 00-0592	WK 16' Width x 8' Length, 6" Thick, 3-Ply Laminated Heavy Equipment Mat.....		59.19	
01 22 23 00-0593	MO 16' Width x 8' Length, 6" Thick, 3-Ply Laminated Heavy Equipment Mat.....		124.30	
	For >6 Months (>26 Weeks) , Deduct		-4.97	
01 22 23 00-0594	Day 16' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat		20.12	
01 22 23 00-0595	WK 16' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat		47.35	
01 22 23 00-0596	MO 16' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat		100.62	
	For >6 Months (>26 Weeks) , Deduct		-4.02	
01 22 23 00-0597	Day 18' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat		22.49	
01 22 23 00-0598	WK 18' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat		53.27	
01 22 23 00-0599	MO 18' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat		112.46	
	For >6 Months (>26 Weeks) , Deduct		-4.50	
01 22 23 00-0600	Day 20' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat		24.86	
01 22 23 00-0601	WK 20' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat		59.19	
01 22 23 00-0602	MO 20' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat		124.30	
	For >6 Months (>26 Weeks) , Deduct		-4.97	
01 22 23 00-0603	Day 24' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat		27.23	
01 22 23 00-0604	WK 24' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat		64.83	
01 22 23 00-0605	MO 24' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat		136.14	
	For >6 Months (>26 Weeks) , Deduct		-5.45	
01 22 23 00-0606	Day 12' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat.....		21.31	
01 22 23 00-0607	WK 12' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat.....		59.19	
01 22 23 00-0608	MO 12' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat.....		106.54	
	For >6 Months (>26 Weeks) , Deduct		-4.26	
01 22 23 00-0609	Day 16' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat.....		24.86	
01 22 23 00-0610	WK 16' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat.....		59.19	
01 22 23 00-0611	MO 16' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat.....		124.30	
	For >6 Months (>26 Weeks) , Deduct		-4.97	
01 22 23 00-0612	Day 20' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat.....		29.60	
01 22 23 00-0613	WK 20' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat.....		65.11	
01 22 23 00-0614	MO 20' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat.....		147.98	
	For >6 Months (>26 Weeks) , Deduct		-5.92	
01 22 23 00-0615	Day 24' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat.....		31.96	
01 22 23 00-0616	WK 24' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat.....		76.10	
01 22 23 00-0617	MO 24' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat.....		159.81	
	For >6 Months (>26 Weeks) , Deduct		-6.39	
01 22 23 00-0618	Day 28' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat.....		34.33	
01 22 23 00-0619	WK 28' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat.....		81.74	
01 22 23 00-0620	MO 28' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat.....		171.65	
	For >6 Months (>26 Weeks) , Deduct		-6.87	
01 22 23 00-0621	Day 30' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat.....		35.51	
01 22 23 00-0622	WK 30' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat.....		84.56	
01 22 23 00-0623	MO 30' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat.....		177.57	
	For >6 Months (>26 Weeks) , Deduct		-7.10	
01 22 23 00-0624	Day 14' Width x 8' Length, 2-3/4" Thick, Laminated Heavy Equipment Mat (Emtek™).....		11.39	
01 22 23 00-0625	WK 14' Width x 8' Length, 2-3/4" Thick, Laminated Heavy Equipment Mat (Emtek™).....		28.47	
01 22 23 00-0626	MO 14' Width x 8' Length, 2-3/4" Thick, Laminated Heavy Equipment Mat (Emtek™).....		85.41	
	For >6 Months (>26 Weeks) , Deduct		-3.42	
01 22 23 00-0627	Day 14' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™).....		13.61	
01 22 23 00-0628	WK 14' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™).....		34.03	
01 22 23 00-0629	MO 14' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™).....		102.10	
	For >6 Months (>26 Weeks) , Deduct		-4.08	
01 22 23 00-0630	Day 16' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™).....		15.55	
01 22 23 00-0631	WK 16' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™).....		38.87	
01 22 23 00-0632	MO 16' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™).....		116.60	
	For >6 Months (>26 Weeks) , Deduct		-4.66	
01 22 23 00-0633	Day 14' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™).....		16.57	
01 22 23 00-0634	WK 14' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™).....		41.43	
01 22 23 00-0635	MO 14' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™).....		124.30	
	For >6 Months (>26 Weeks) , Deduct		-4.97	
01 22 23 00-0636	Day 16' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™).....		18.94	
01 22 23 00-0637	WK 16' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™).....		47.35	
01 22 23 00-0638	MO 16' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™).....		142.06	
	For >6 Months (>26 Weeks) , Deduct		-5.68	
01 22 23 00-0639	Day 16' Width x 8' Length, 5-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™).....		21.77	
01 22 23 00-0640	WK 16' Width x 8' Length, 5-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™).....		54.42	
01 22 23 00-0641	MO 16' Width x 8' Length, 5-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™).....		163.25	
	For >6 Months (>26 Weeks) , Deduct		-6.53	
01 22 23 00-0642	Day 24' Width x 4' Length, 6" Thick, Laminated Heavy Equipment Mat (Emtek™).....		16.75	
01 22 23 00-0643	WK 24' Width x 4' Length, 6" Thick, Laminated Heavy Equipment Mat (Emtek™).....		41.87	
01 22 23 00-0644	MO 24' Width x 4' Length, 6" Thick, Laminated Heavy Equipment Mat (Emtek™).....		125.60	
	For >6 Months (>26 Weeks) , Deduct		-5.02	
01 22 23 00-0645	Day 30' Width x 4' Length, 6-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™).....		22.67	
01 22 23 00-0646	WK 30' Width x 4' Length, 6-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™).....		56.68	

01	General Requirements
01 20	Price and Payment Procedures
01 22	Unit Prices



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0647	MO	30' Width x 4' Length, 6-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™).....	170.05	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-6.80	
01 22 23 00-0648	Day	24' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™).....	19.60	
01 22 23 00-0649	WK	24' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™).....	49.01	
01 22 23 00-0650	MO	24' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™).....	147.03	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-5.88	
01 22 23 00-0651	Day	40' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™).....	32.70	
01 22 23 00-0652	WK	40' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™).....	81.74	
01 22 23 00-0653	MO	40' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™).....	245.21	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-9.81	
01 22 23 00-0654	Day	40' Width x 4' Length, 8" Thick, Laminated Heavy Equipment Mat (Emtek™).....	34.85	
01 22 23 00-0655	WK	40' Width x 4' Length, 8" Thick, Laminated Heavy Equipment Mat (Emtek™).....	87.13	
01 22 23 00-0656	MO	40' Width x 4' Length, 8" Thick, Laminated Heavy Equipment Mat (Emtek™).....	261.38	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-10.46	
01 22 23 00-0657		Electrical Equipment (01 22 23)		
01 22 23 00-0658		Tripod Mounted Floodlights (01 22 23 00-0657)		
		Note: Includes delivery to job site and pick-up when complete.		
01 22 23 00-0659	DAY	500 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod.....	72.48	
01 22 23 00-0660	WK	500 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod.....	171.48	
01 22 23 00-0661	MO	500 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod.....	362.40	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-14.50	
01 22 23 00-0662	DAY	1,000 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod.....	72.48	
01 22 23 00-0663	WK	1,000 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod.....	212.14	
01 22 23 00-0664	MO	1,000 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod.....	627.57	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-25.10	
01 22 23 00-0665	DAY	2,000 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod.....	81.32	
01 22 23 00-0666	WK	2,000 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod.....	220.98	
01 22 23 00-0667	MO	2,000 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod.....	539.18	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-21.57	
01 22 23 00-0668		Trailer Mounted Floodlights (01 22 23 00-0657)		
		Note: Includes delivery to job site and pick-up when complete. Excludes operator.		
01 22 23 00-0669	DAY	4 x 1,000 Watt Floodlights, 30' Telescoping Tower, Diesel Power Trailer Mounted Light Tower.....	203.30	
01 22 23 00-0670	WK	4 x 1,000 Watt Floodlights, 30' Telescoping Tower, Diesel Power Trailer Mounted Light Tower.....	450.79	
01 22 23 00-0671	MO	4 x 1,000 Watt Floodlights, 30' Telescoping Tower, Diesel Power Trailer Mounted Light Tower.....	972.29	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-38.89	
01 22 23 00-0672		Generator Sets (01 22 23 00-0657)		
01 22 23 00-0673		Portable, Gas Powered Generator Sets (01 22 23 00-0672)		
		Note: With 24 hour day-tank. Includes delivery to job site and pick-up when complete. Excludes cables, operator and fuel costs. See CSI section 01 22 23 00-0825 for reimbursable fuel fees.		
01 22 23 00-0674	DAY	3.6 KW, 8 HP Gas Powered Generator Set.....	58.31	
		Note: Fuel consumption: 100% load – 0.54 gallons per hour		
		<i>For LP Or NG Gas, Add</i>	7.29	
		<i>For >160 To 320 Hours Usage Per Month, Add</i>	29.16	
01 22 23 00-0675	WK	3.6 KW, 8 HP Gas Powered Generator Set.....	210.18	
		Note: Fuel consumption: 100% load – 0.54 gallons per hour		
		<i>For LP Or NG Gas, Add</i>	26.27	
01 22 23 00-0676	MO	3.6 KW, 8 HP Gas Powered Generator Set.....	583.08	
		Note: Fuel consumption: 100% load – 0.54 gallons per hour		
		<i>For LP Or NG Gas, Add</i>	72.89	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-23.32	
01 22 23 00-0677	DAY	5 KW, 11 HP Gas Powered Generator Set.....	82.72	
		Note: Fuel consumption: 100% load – 0.75 gallons per hour		
		<i>For LP Or NG Gas, Add</i>	10.34	
01 22 23 00-0678	WK	5 KW, 11 HP Gas Powered Generator Set.....	264.42	
		Note: Fuel consumption: 100% load – 0.75 gallons per hour		
		<i>For LP Or NG Gas, Add</i>	33.05	
01 22 23 00-0679	MO	5 KW, 11 HP Gas Powered Generator Set.....	603.42	
		Note: Fuel consumption: 100% load – 0.75 gallons per hour		
		<i>For LP Or NG Gas, Add</i>	75.43	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-24.14	
01 22 23 00-0680	DAY	6.5 KW, 13 HP Gas Powered Generator Set.....	105.77	
		Note: Fuel consumption: 100% load – 0.975 gallons per hour		
		<i>For LP Or NG Gas, Add</i>	13.22	
01 22 23 00-0681	WK	6.5 KW, 13 HP Gas Powered Generator Set.....	284.76	
		Note: Fuel consumption: 100% load – 0.975 gallons per hour		
		<i>For LP Or NG Gas, Add</i>	35.60	
01 22 23 00-0682	MO	6.5 KW, 13 HP Gas Powered Generator Set.....	786.48	
		Note: Fuel consumption: 100% load – 0.975 gallons per hour		
		<i>For LP Or NG Gas, Add</i>	98.31	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-31.46	
01 22 23 00-0683	DAY	10 KW, 18 HP Gas Powered Generator Set.....	117.97	
		Note: Fuel consumption: 100% load – 1.5 gallons per hour		
		<i>For LP Or NG Gas, Add</i>	14.75	
01 22 23 00-0684	WK	10 KW, 18 HP Gas Powered Generator Set.....	318.66	
		Note: Fuel consumption: 100% load – 1.5 gallons per hour		
		<i>For LP Or NG Gas, Add</i>	39.83	



General Requirements			01
Price and Payment Procedures			01 20
Unit Prices			01 22

MINOR CSI UOM DESCRIPTION			TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0685	MO	10 KW, 18 HP Gas Powered Generator Set Note: Fuel consumption: 100% load – 1.5 gallons per hour For LP Or NG Gas, Add For >6 Months (>26 Weeks) , Deduct	915.30 114.41 -36.61	
01 22 23 00-0686		Towable, Diesel Powered Generator Sets (01 22 23 00-0672) Note: Includes 24 hour day-tank on sizes up to 180KW, 40 hour day-tank for sizes greater than 180KW To 300 KW and 1000 gallon for sizes greater than 300KW. Multi-voltage transformer unless stated otherwise, trailer mounted including sound attenuation and control panel. Excludes cables, operator and fuel costs. See CSI section 01 22 23 00-0825 for reimbursable fuel fees.		
01 22 23 00-0687	DAY	20 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load – 1.6 gallons per hour, 75% load - 1.3 gallons per hour, 50% load - 0.9 gallons per hour. For >8 To 16 Hours Usage Per Day, Add For >16 To 24 Hours Usage Per Day, Add	242.72 121.36 242.72	
01 22 23 00-0688	WK	20 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load – 1.6 gallons per hour, 75% load - 1.3 gallons per hour, 50% load - 0.9 gallons per hour. For >40 To 80 Hours Usage Per Week, Add For >80 Hours Usage Per Week, Add	634.61 317.31 634.61	
01 22 23 00-0689	MO	20 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load – 1.6 gallons per hour, 75% load - 1.3 gallons per hour, 50% load - 0.9 gallons per hour. For >160 To 320 Hours Usage Per Month, Add For >320 Hours Usage Per Month, Add For >6 Months (>26 Weeks) , Deduct	1,728.90 864.45 1,728.90 -69.16	
01 22 23 00-0690	DAY	30 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load – 2.9 gallons per hour, 75% load - 2.4 gallons per hour, 50% load - 1.8 gallons per hour. For >8 To 16 Hours Usage Per Day, Add For >16 To 24 Hours Usage Per Day, Add	366.48 183.24 366.48	
01 22 23 00-0691	WK	30 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load – 2.9 gallons per hour, 75% load - 2.4 gallons per hour, 50% load - 1.8 gallons per hour. For >40 To 80 Hours Usage Per Week, Add For >80 Hours Usage Per Week, Add	1,087.62 543.81 1,087.62	
01 22 23 00-0692	MO	30 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load – 2.9 gallons per hour, 75% load - 2.4 gallons per hour, 50% load - 1.8 gallons per hour. For >160 To 320 Hours Usage Per Month, Add For >320 Hours Usage Per Month, Add For >6 Months (>26 Weeks) , Deduct	2,246.18 1,123.09 2,246.18 -89.85	
01 22 23 00-0693	DAY	40.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 4.0 gallons per hour, 75% load - 3.2 gallons per hour, 50% load - 2.3 gallons per hour. For >8 To 16 Hours Usage Per Day, Add For >16 To 24 Hours Usage Per Day, Add	401.95 200.98 401.95	
01 22 23 00-0694	WK	40.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 4.0 gallons per hour, 75% load - 3.2 gallons per hour, 50% load - 2.3 gallons per hour. For >40 To 80 Hours Usage Per Week, Add For >80 Hours Usage Per Week, Add	1,123.09 561.55 1,123.09	
01 22 23 00-0695	MO	40.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 4.0 gallons per hour, 75% load - 3.2 gallons per hour, 50% load - 2.3 gallons per hour. For >160 To 320 Hours Usage Per Month, Add For >320 Hours Usage Per Month, Add For >6 Months (>26 Weeks) , Deduct	2,482.62 1,241.31 2,482.62 -99.30	
01 22 23 00-0696	DAY	55.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load – 4.8 gallons per hour, 75% load - 3.8 gallons per hour, 50% load - 2.9 gallons per hour. For >8 To 16 Hours Usage Per Day, Add For >16 To 24 Hours Usage Per Day, Add	431.50 215.75 431.50	
01 22 23 00-0697	WK	55.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load – 4.8 gallons per hour, 75% load - 3.8 gallons per hour, 50% load - 2.9 gallons per hour. For >40 To 80 Hours Usage Per Week, Add For >80 Hours Usage Per Week, Add	1,182.20 591.10 1,182.20	
01 22 23 00-0698	MO	55.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load – 4.8 gallons per hour, 75% load - 3.8 gallons per hour, 50% load - 2.9 gallons per hour. For >160 To 320 Hours Usage Per Month, Add For >320 Hours Usage Per Month, Add For >6 Months (>26 Weeks) , Deduct	2,837.28 1,418.64 2,837.28 -113.49	
01 22 23 00-0699	DAY	70.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load – 5.7 gallons per hour, 75% load - 4.3 gallons per hour, 50% load - 3.2 gallons per hour. For >8 To 16 Hours Usage Per Day, Add For >16 To 24 Hours Usage Per Day, Add	472.88 236.44 472.88	
01 22 23 00-0700	WK	70.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load – 5.7 gallons per hour, 75% load - 4.3 gallons per hour, 50% load - 3.2 gallons per hour. For >40 To 80 Hours Usage Per Week, Add For >80 Hours Usage Per Week, Add	1,341.80 670.90 1,341.80	

01	General Requirements
01 20	Price and Payment Procedures
01 22	Unit Prices



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0701	MO		70.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	3,191.94	
			Note: Fuel consumption: 100% load - 5.7 gallons per hour, 75% load - 4.3 gallons per hour, 50% load - 3.2 gallons per hour.		
			For >160 To 320 Hours Usage Per Month, Add	1,595.97	
			For >320 Hours Usage Per Month, Add	3,191.94	
			For >6 Months (>26 Weeks) , Deduct	-127.68	
01 22 23 00-0702	DAY		80.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	531.99	
			Note: Fuel consumption: 100% load - 6.5 gallons per hour, 75% load - 4.9 gallons per hour, 50% load - 3.6 gallons per hour.		
			For >8 To 16 Hours Usage Per Day, Add	266.00	
			For >16 To 24 Hours Usage Per Day, Add	531.99	
01 22 23 00-0703	WK		80.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	1,418.64	
			Note: Fuel consumption: 100% load - 6.5 gallons per hour, 75% load - 4.9 gallons per hour, 50% load - 3.6 gallons per hour.		
			For >40 To 80 Hours Usage Per Week, Add	709.32	
			For >80 Hours Usage Per Week, Add	1,418.64	
01 22 23 00-0704	MO		80.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	3,546.60	
			Note: Fuel consumption: 100% load - 6.5 gallons per hour, 75% load - 4.9 gallons per hour, 50% load - 3.6 gallons per hour.		
			For >160 To 320 Hours Usage Per Month, Add	1,773.30	
			For >320 Hours Usage Per Month, Add	3,546.60	
			For >6 Months (>26 Weeks) , Deduct	-141.86	
01 22 23 00-0705	DAY		100.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	549.72	
			Note: Fuel consumption: 100% load - 7.4 gallons per hour, 75% load - 5.8 gallons per hour, 50% load - 4.1 gallons per hour.		
			For >8 To 16 Hours Usage Per Day, Add	274.86	
			For >16 To 24 Hours Usage Per Day, Add	549.72	
01 22 23 00-0706	WK		100.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	1,477.75	
			Note: Fuel consumption: 100% load - 7.4 gallons per hour, 75% load - 5.8 gallons per hour, 50% load - 4.1 gallons per hour.		
			For >40 To 80 Hours Usage Per Week, Add	738.88	
			For >80 Hours Usage Per Week, Add	1,477.75	
01 22 23 00-0707	MO		100.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	4,019.48	
			Note: Fuel consumption: 100% load - 7.4 gallons per hour, 75% load - 5.8 gallons per hour, 50% load - 4.1 gallons per hour.		
			For >160 To 320 Hours Usage Per Month, Add	2,009.74	
			For >320 Hours Usage Per Month, Add	4,019.48	
			For >6 Months (>26 Weeks) , Deduct	-160.78	
01 22 23 00-0708	DAY		120.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	620.66	
			Note: Fuel consumption: 100% load - 8.7 gallons per hour, 75% load - 6.8 gallons per hour, 50% load - 4.8 gallons per hour.		
			For >8 To 16 Hours Usage Per Day, Add	310.33	
			For >16 To 24 Hours Usage Per Day, Add	620.66	
01 22 23 00-0709	WK		120.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	1,714.19	
			Note: Fuel consumption: 100% load - 8.7 gallons per hour, 75% load - 6.8 gallons per hour, 50% load - 4.8 gallons per hour.		
			For >40 To 80 Hours Usage Per Week, Add	857.10	
			For >80 Hours Usage Per Week, Add	1,714.19	
01 22 23 00-0710	MO		120.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	4,610.58	
			Note: Fuel consumption: 100% load - 8.7 gallons per hour, 75% load - 6.8 gallons per hour, 50% load - 4.8 gallons per hour.		
			For >160 To 320 Hours Usage Per Month, Add	2,305.29	
			For >320 Hours Usage Per Month, Add	4,610.58	
			For >6 Months (>26 Weeks) , Deduct	-184.42	
01 22 23 00-0711	DAY		140.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	650.21	
			Note: Fuel consumption: 100% load - 10.2 gallons per hour, 75% load - 7.9 gallons per hour, 50% load - 5.6 gallons per hour.		
			For >8 To 16 Hours Usage Per Day, Add	325.11	
			For >16 To 24 Hours Usage Per Day, Add	650.21	
01 22 23 00-0712	WK		140.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	1,802.86	
			Note: Fuel consumption: 100% load - 10.2 gallons per hour, 75% load - 7.9 gallons per hour, 50% load - 5.6 gallons per hour.		
			For >40 To 80 Hours Usage Per Week, Add	901.43	
			For >80 Hours Usage Per Week, Add	1,802.86	
01 22 23 00-0713	MO		140.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	5,083.46	
			Note: Fuel consumption: 100% load - 10.2 gallons per hour, 75% load - 7.9 gallons per hour, 50% load - 5.6 gallons per hour.		
			For >160 To 320 Hours Usage Per Month, Add	2,541.73	
			For >320 Hours Usage Per Month, Add	5,083.46	
			For >6 Months (>26 Weeks) , Deduct	-203.34	
01 22 23 00-0714	DAY		150.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	679.76	
			Note: Fuel consumption: 100% load - 10.9 gallons per hour, 75% load - 8.4 gallons per hour, 50% load - 5.9 gallons per hour.		
			For >8 To 16 Hours Usage Per Day, Add	339.88	
			For >16 To 24 Hours Usage Per Day, Add	679.76	
01 22 23 00-0715	WK		150.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	1,950.63	
			Note: Fuel consumption: 100% load - 10.9 gallons per hour, 75% load - 8.4 gallons per hour, 50% load - 5.9 gallons per hour.		
			For >40 To 80 Hours Usage Per Week, Add	975.32	
			For >80 Hours Usage Per Week, Add	1,950.63	
01 22 23 00-0716	MO		150.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	5,319.90	
			Note: Fuel consumption: 100% load - 10.9 gallons per hour, 75% load - 8.4 gallons per hour, 50% load - 5.9 gallons per hour.		
			For >160 To 320 Hours Usage Per Month, Add	2,659.95	
			For >320 Hours Usage Per Month, Add	5,319.90	
			For >6 Months (>26 Weeks) , Deduct	-212.80	



General Requirements			01	5
Price and Payment Procedures			01 20	
Unit Prices			01 22	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0717	DAY		160.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 11.6 gallons per hour, 75% load - 8.9 gallons per hour, 50% load - 6.2 gallons per hour. For >8 To 16 Hours Usage Per Day, Add For >16 To 24 Hours Usage Per Day, Add 01 22 23 00-0718 WK 160.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 11.6 gallons per hour, 75% load - 8.9 gallons per hour, 50% load - 6.2 gallons per hour. For >40 To 80 Hours Usage Per Week, Add For >80 Hours Usage Per Week, Add 01 22 23 00-0719 MO 160.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 11.6 gallons per hour, 75% load - 8.9 gallons per hour, 50% load - 6.2 gallons per hour. For >160 To 320 Hours Usage Per Month, Add For >320 Hours Usage Per Month, Add For >6 Months (>26 Weeks) , Deduct 01 22 23 00-0720 DAY 175.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 12.7 gallons per hour, 75% load - 9.7 gallons per hour, 50% load - 6.8 gallons per hour. For >8 To 16 Hours Usage Per Day, Add For >16 To 24 Hours Usage Per Day, Add 01 22 23 00-0721 WK 175.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 12.7 gallons per hour, 75% load - 9.7 gallons per hour, 50% load - 6.8 gallons per hour. For >40 To 80 Hours Usage Per Week, Add For >80 Hours Usage Per Week, Add 01 22 23 00-0722 MO 175.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 12.7 gallons per hour, 75% load - 9.7 gallons per hour, 50% load - 6.8 gallons per hour. For >160 To 320 Hours Usage Per Month, Add For >320 Hours Usage Per Month, Add For >6 Months (>26 Weeks) , Deduct 01 22 23 00-0723 DAY 200.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 14.4 gallons per hour, 75% load - 11.0 gallons per hour, 50% load - 7.7 gallons per hour. For >8 To 16 Hours Usage Per Day, Add For >16 To 24 Hours Usage Per Day, Add 01 22 23 00-0724 WK 200.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 14.4 gallons per hour, 75% load - 11.0 gallons per hour, 50% load - 7.7 gallons per hour. For >40 To 80 Hours Usage Per Week, Add For >80 Hours Usage Per Week, Add 01 22 23 00-0725 MO 200.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 14.4 gallons per hour, 75% load - 11.0 gallons per hour, 50% load - 7.7 gallons per hour. For >160 To 320 Hours Usage Per Month, Add For >320 Hours Usage Per Month, Add For >6 Months (>26 Weeks) , Deduct 01 22 23 00-0726 DAY 250.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 19.8 gallons per hour, 75% load - 12.3 gallons per hour, 50% load - 8.6 gallons per hour. For >8 To 16 Hours Usage Per Day, Add For >16 To 24 Hours Usage Per Day, Add 01 22 23 00-0727 WK 250.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 19.8 gallons per hour, 75% load - 12.3 gallons per hour, 50% load - 8.6 gallons per hour. For >40 To 80 Hours Usage Per Week, Add For >80 Hours Usage Per Week, Add 01 22 23 00-0728 MO 250.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 19.8 gallons per hour, 75% load - 12.3 gallons per hour, 50% load - 8.6 gallons per hour. For >160 To 320 Hours Usage Per Month, Add For >320 Hours Usage Per Month, Add For >6 Months (>26 Weeks) , Deduct 01 22 23 00-0729 DAY 275.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 18.0 gallons per hour, 75% load - 13.6 gallons per hour, 50% load - 9.5 gallons per hour. For >8 To 16 Hours Usage Per Day, Add For >16 To 24 Hours Usage Per Day, Add 01 22 23 00-0730 WK 275.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 18.0 gallons per hour, 75% load - 13.6 gallons per hour, 50% load - 9.5 gallons per hour. For >40 To 80 Hours Usage Per Week, Add For >80 Hours Usage Per Week, Add 01 22 23 00-0731 MO 275.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 18.0 gallons per hour, 75% load - 13.6 gallons per hour, 50% load - 9.5 gallons per hour. For >160 To 320 Hours Usage Per Month, Add For >320 Hours Usage Per Month, Add For >6 Months (>26 Weeks) , Deduct 01 22 23 00-0732 DAY 300.0 KW, 60 Hertz Towable Diesel Powered Generator Set Note: Fuel consumption: 100% load - 21.5 gallons per hour, 75% load - 16.1 gallons per hour, 50% load - 11.3 gallons per hour. For >8 To 16 Hours Usage Per Day, Add For >16 To 24 Hours Usage Per Day, Add	709.32 354.66 709.32 2,068.85 1,034.43 2,068.85 5,556.34 2,778.17 5,556.34 -222.25 709.32 354.66 709.32 2,068.85 1,034.43 2,068.85 5,556.34 2,778.17 5,556.34 -222.25 975.32 487.66 975.32 2,423.51 1,211.76 2,423.51 7,093.20 3,546.60 7,093.20 -283.73 1,034.42 517.21 1,034.42 2,482.62 1,241.31 2,482.62 7,329.64 3,664.82 7,329.64 -293.19 1,093.54 546.77 1,093.54 2,541.73 1,270.87 2,541.73 7,566.08 3,783.04 7,566.08 -302.64 1,129.00 564.50 1,129.00	

01	General Requirements
01 20	Price and Payment Procedures
01 22	Unit Prices



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0733	WK		300.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	2,719.06	
			Note: Fuel consumption: 100% load - 21.5 gallons per hour, 75% load - 16.1 gallons per hour, 50% load - 11.3 gallons per hour.		
			For >40 To 80 Hours Usage Per Week, Add	1,359.53	
			For >80 Hours Usage Per Week, Add	2,719.06	
01 22 23 00-0734	MO		300.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	8,038.96	
			Note: Fuel consumption: 100% load - 21.5 gallons per hour, 75% load - 16.1 gallons per hour, 50% load - 11.3 gallons per hour.		
			For >160 To 320 Hours Usage Per Month, Add	4,019.48	
			For >320 Hours Usage Per Month, Add	8,038.96	
			For >6 Months (>26 Weeks) , Deduct	-321.56	
01 22 23 00-0735	DAY		350.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	1,182.20	
			Note: Fuel consumption: 100% load - 25.1 gallons per hour, 75% load - 18.7 gallons per hour, 50% load - 13.1 gallons per hour.		
			For >8 To 16 Hours Usage Per Day, Add	591.10	
			For >16 To 24 Hours Usage Per Day, Add	1,182.20	
01 22 23 00-0736	WK		350.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	3,073.72	
			Note: Fuel consumption: 100% load - 25.1 gallons per hour, 75% load - 18.7 gallons per hour, 50% load - 13.1 gallons per hour.		
			For >40 To 80 Hours Usage Per Week, Add	1,536.86	
			For >80 Hours Usage Per Week, Add	3,073.72	
01 22 23 00-0737	MO		350.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	8,866.50	
			Note: Fuel consumption: 100% load - 25.1 gallons per hour, 75% load - 18.7 gallons per hour, 50% load - 13.1 gallons per hour.		
			For >160 To 320 Hours Usage Per Month, Add	4,433.25	
			For >320 Hours Usage Per Month, Add	8,866.50	
			For >6 Months (>26 Weeks) , Deduct	-354.66	
01 22 23 00-0738	DAY		400.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	2,188.13	
			Note: Fuel consumption: 100% load - 28.6 gallons per hour, 75% load - 21.3 gallons per hour, 50% load - 14.9 gallons per hour.		
			For >8 To 16 Hours Usage Per Day, Add	1,094.07	
			For >16 To 24 Hours Usage Per Day, Add	2,188.13	
01 22 23 00-0739	WK		400.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	5,657.36	
			Note: Fuel consumption: 100% load - 28.6 gallons per hour, 75% load - 21.3 gallons per hour, 50% load - 14.9 gallons per hour.		
			For >40 To 80 Hours Usage Per Week, Add	2,828.68	
			For >80 Hours Usage Per Week, Add	5,657.36	
01 22 23 00-0740	MO		400.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	14,961.60	
			Note: Fuel consumption: 100% load - 28.6 gallons per hour, 75% load - 21.3 gallons per hour, 50% load - 14.9 gallons per hour.		
			For >160 To 320 Hours Usage Per Month, Add	7,480.80	
			For >320 Hours Usage Per Month, Add	14,961.60	
			For >6 Months (>26 Weeks) , Deduct	-598.46	
01 22 23 00-0741	DAY		500.0 KW, 60 Hertz Container Diesel Powered Generator Set.....	2,805.30	
			Note: Fuel consumption: 100% load - 35.7 gallons per hour, 75% load - 26.4 gallons per hour, 50% load - 18.5 gallons per hour.		
			For >8 To 16 Hours Usage Per Day, Add	1,402.65	
			For >16 To 24 Hours Usage Per Day, Add	2,805.30	
01 22 23 00-0742	WK		500.0 KW, 60 Hertz Container Diesel Powered Generator Set.....	7,293.78	
			Note: Fuel consumption: 100% load - 35.7 gallons per hour, 75% load - 26.4 gallons per hour, 50% load - 18.5 gallons per hour.		
			For >40 To 80 Hours Usage Per Week, Add	3,646.89	
			For >80 Hours Usage Per Week, Add	7,293.78	
01 22 23 00-0743	MO		500.0 KW, 60 Hertz Container Diesel Powered Generator Set.....	16,831.80	
			Note: Fuel consumption: 100% load - 35.7 gallons per hour, 75% load - 26.4 gallons per hour, 50% load - 18.5 gallons per hour.		
			For >160 To 320 Hours Usage Per Month, Add	8,415.90	
			For >320 Hours Usage Per Month, Add	16,831.80	
			For >6 Months (>26 Weeks) , Deduct	-673.27	
01 22 23 00-0744	DAY		640.0 KW, 60 Hertz Container Diesel Powered Generator Set.....	3,469.22	
			Note: Fuel consumption: 100% load - 45.6 gallons per hour, 75% load - 33.5 gallons per hour, 50% load - 20.8 gallons per hour.		
			For >8 To 16 Hours Usage Per Day, Add	1,734.61	
			For >16 To 24 Hours Usage Per Day, Add	3,469.22	
01 22 23 00-0745	WK		640.0 KW, 60 Hertz Container Diesel Powered Generator Set.....	9,163.98	
			Note: Fuel consumption: 100% load - 45.6 gallons per hour, 75% load - 33.5 gallons per hour, 50% load - 20.8 gallons per hour.		
			For >40 To 80 Hours Usage Per Week, Add	4,581.99	
			For >80 Hours Usage Per Week, Add	9,163.98	
01 22 23 00-0746	MO		640.0 KW, 60 Hertz Container Diesel Powered Generator Set.....	22,442.40	
			Note: Fuel consumption: 100% load - 45.6 gallons per hour, 75% load - 33.5 gallons per hour, 50% load - 20.8 gallons per hour.		
			For >160 To 320 Hours Usage Per Month, Add	11,221.20	
			For >320 Hours Usage Per Month, Add	22,442.40	
			For >6 Months (>26 Weeks) , Deduct	-897.70	
01 22 23 00-0747	DAY		750.0 KW, 60 Hertz Container Diesel Powered Generator Set.....	3,749.75	
			Note: Fuel consumption: 100% load - 53.4 gallons per hour, 75% load - 39.3 gallons per hour, 50% load - 24.4 gallons per hour.		
			For >8 To 16 Hours Usage Per Day, Add	1,874.88	
			For >16 To 24 Hours Usage Per Day, Add	3,749.75	
01 22 23 00-0748	WK		750.0 KW, 60 Hertz Container Diesel Powered Generator Set.....	8,640.32	
			Note: Fuel consumption: 100% load - 53.4 gallons per hour, 75% load - 39.3 gallons per hour, 50% load - 24.4 gallons per hour.		
			For >40 To 80 Hours Usage Per Week, Add	4,320.16	
			For >80 Hours Usage Per Week, Add	8,640.32	



General Requirements			01
Price and Payment Procedures			01 20
Unit Prices			01 22

MINOR		TOTAL DIRECT		DEMOLITION
CSI UOM DESCRIPTION		UNIT COST		UNIT COST
01 22 23 00-0749	MO	750.0 KW, 60 Hertz Container Diesel Powered Generator Set	25,920.97	
		Note: Fuel consumption: 100% load - 53.4 gallons per hour, 75% load - 39.3 gallons per hour, 50% load - 24.4 gallons per hour.		
		For >160 To 320 Hours Usage Per Month, Add	12,960.49	
		For >320 Hours Usage Per Month, Add	25,920.97	
		For >6 Months (>26 Weeks) , Deduct	-1,036.84	
01 22 23 00-0750	DAY	1,000.0 KW, 60 Hertz Container Diesel Powered Generator Set.....	4,254.70	
		Note: Includes 1,000 Gallon fuel tank. Fuel consumption: 100% load - 71.1 gallons per hour, 75% load - 52.1 gallons per hour, 50% load - 36.4 gallons per hour.		
01 22 23 00-0751	WK	1,000.0 KW, 60 Hertz Container Diesel Powered Generator Set.....	11,118.34	
		Note: Includes 1,000 Gallon fuel tank. Fuel consumption: 100% load - 71.1 gallons per hour, 75% load - 52.1 gallons per hour, 50% load - 36.4 gallons per hour.		
01 22 23 00-0752	MO	1,000.0 KW, 60 Hertz Container Diesel Powered Generator Set.....	30,456.21	
		Note: Includes 1,000 Gallon fuel tank. Fuel consumption: 100% load - 71.1 gallons per hour, 75% load - 52.1 gallons per hour, 50% load - 36.4 gallons per hour.		
		For >6 Months (>26 Weeks) , Deduct	-1,218.25	
01 22 23 00-0753	DAY	1,500.0 KW, 60 Hertz Container Diesel Powered Generator Set.....	5,610.60	
		Note: Includes 1,000 Gallon fuel tank. Fuel consumption: 100% load - 106.5 gallons per hour, 75% load - 77.8 gallons per hour, 50% load - 54.3 gallons per hour.		
01 22 23 00-0754	WK	1,500.0 KW, 60 Hertz Container Diesel Powered Generator Set.....	16,831.80	
		Note: Includes 1,000 Gallon fuel tank. Fuel consumption: 100% load - 106.5 gallons per hour, 75% load - 77.8 gallons per hour, 50% load - 54.3 gallons per hour.		
01 22 23 00-0755	MO	1,500.0 KW, 60 Hertz Container Diesel Powered Generator Set.....	48,260.51	
		Note: Includes 1,000 Gallon fuel tank. Fuel consumption: 100% load - 106.5 gallons per hour, 75% load - 77.8 gallons per hour, 50% load - 54.3 gallons per hour.		
		For >6 Months (>26 Weeks) , Deduct	-1,930.42	
01 22 23 00-0756	DAY	2,000.0 KW, 60 Hertz Container Diesel Powered Generator Set.....	7,396.64	
		Note: Includes 1,000 Gallon fuel tank. Fuel consumption: 100% load - 141.9 gallons per hour, 75% load - 103.5 gallons per hour, 50% load - 72.2 gallons per hour.		
01 22 23 00-0757	WK	2,000.0 KW, 60 Hertz Container Diesel Powered Generator Set.....	18,496.28	
		Note: Includes 1,000 Gallon fuel tank. Fuel consumption: 100% load - 141.9 gallons per hour, 75% load - 103.5 gallons per hour, 50% load - 72.2 gallons per hour.		
01 22 23 00-0758	MO	2,000.0 KW, 60 Hertz Container Diesel Powered Generator Set.....	50,495.40	
		Note: Includes 1,000 Gallon fuel tank. Fuel consumption: 100% load - 141.9 gallons per hour, 75% load - 103.5 gallons per hour, 50% load - 72.2 gallons per hour.		
		For >6 Months (>26 Weeks) , Deduct	-2,019.82	
01 22 23 00-0759	EA	Up To 300 KW Generator Set Delivery, Set-Up, Testing And Pick-up.....	966.78	
01 22 23 00-0760	EA	350 To 750 KW Generator Set Delivery, Set-Up, Testing And Pick-up	1,578.90	
01 22 23 00-0761	EA	1,000 To 2,000 KW Generator Set Delivery, Set-Up, Testing And Pick-up	2,684.93	
01 22 23 00-0762	Generator Accessories (01 22 23 00-0762)			
		Note: Includes delivery to job site and pick-up when complete.		
01 22 23 00-0763	Step Down Transformer (01 22 23 00-0763)			
01 22 23 00-0764	WK	75 KVA, 480-208 Volt, Step Down Transformer	348.75	
01 22 23 00-0765	MO	75 KVA, 480-208 Volt, Step Down Transformer	975.32	
		For >6 Months (>26 Weeks) , Deduct	-39.01	
01 22 23 00-0766	WK	150 KVA, 480-208 Volt, Step Down Transformer	559.18	
01 22 23 00-0767	MO	150 KVA, 480-208 Volt, Step Down Transformer	1,676.36	
		For >6 Months (>26 Weeks) , Deduct	-67.05	
01 22 23 00-0768	WK	225 KVA, 480-208 Volt, Step Down Transformer	744.79	
01 22 23 00-0769	MO	225 KVA, 480-208 Volt, Step Down Transformer	2,234.36	
		For >6 Months (>26 Weeks) , Deduct	-89.37	
01 22 23 00-0770	WK	500 KVA, 480-208 Volt, Step Down Transformer	886.65	
01 22 23 00-0771	MO	500 KVA, 480-208 Volt, Step Down Transformer	2,659.95	
		For >6 Months (>26 Weeks) , Deduct	-106.40	
01 22 23 00-0772	WK	1,000 KVA, 4,160/480 Volt, Step Down Transformer.....	1,324.06	
01 22 23 00-0773	MO	1,000 KVA, 4,160/480 Volt, Step Down Transformer.....	3,954.46	
		For >6 Months (>26 Weeks) , Deduct	-158.18	
01 22 23 00-0774	WK	1,500 KVA, 4,160/480 Volt, Step Down Transformer.....	2,151.60	
01 22 23 00-0775	MO	1,500 KVA, 4,160/480 Volt, Step Down Transformer.....	6,448.90	
		For >6 Months (>26 Weeks) , Deduct	-257.96	
01 22 23 00-0776	WK	2,500 KVA, 480-13,800/4,160 Volt, Step Down Transformer	2,482.62	
01 22 23 00-0777	MO	2,500 KVA, 480-13,800/4,160 Volt, Step Down Transformer	7,447.86	
		For >6 Months (>26 Weeks) , Deduct	-297.91	
01 22 23 00-0778	Portable Panel (01 22 23 00-0762)			
01 22 23 00-0779	WK	100 Amperes, Portable Panel.....	277.82	
01 22 23 00-0780	MO	100 Amperes, Portable Panel.....	709.32	
		For >6 Months (>26 Weeks) , Deduct	-28.37	
01 22 23 00-0781	WK	200 Amperes, Portable Panel.....	332.20	
01 22 23 00-0782	MO	200 Amperes, Portable Panel.....	886.65	
		For >6 Months (>26 Weeks) , Deduct	-35.47	
01 22 23 00-0783	WK	400 Amperes, Portable Panel.....	354.66	
01 22 23 00-0784	MO	400 Amperes, Portable Panel.....	1,063.98	
		For >6 Months (>26 Weeks) , Deduct	-42.56	
01 22 23 00-0785	Portable Fusible Disconnect (01 22 23 00-0762)			
01 22 23 00-0786	WK	100 - 200 Amperes, Portable Fusible Disconnect.....	124.13	
01 22 23 00-0787	MO	100 - 200 Amperes, Portable Fusible Disconnect.....	372.39	
		For >6 Months (>26 Weeks) , Deduct	-14.90	

01	General Requirements
01 20	Price and Payment Procedures
01 22	Unit Prices



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0788	WK		300 - 400 Amperes, Portable Fusible Disconnect.....	248.26	
01 22 23 00-0789	MO		300 - 400 Amperes, Portable Fusible Disconnect.....	744.79	
			<i>For >6 Months (>26 Weeks) , Deduct</i>	-29.79	
01 22 23 00-0790			Portable Transfer Switch (01 22 23 00-0762)		
01 22 23 00-0791	WK		100 Amperes, 480 Volt, Portable Transfer Switch.....	372.39	
01 22 23 00-0792	MO		100 Amperes, 480 Volt, Portable Transfer Switch.....	1,117.18	
			<i>For >6 Months (>26 Weeks) , Deduct</i>	-44.69	
01 22 23 00-0793	WK		200 Amperes, 480 Volt, Portable Transfer Switch.....	496.52	
01 22 23 00-0794	MO		200 Amperes, 480 Volt, Portable Transfer Switch.....	1,489.57	
			<i>For >6 Months (>26 Weeks) , Deduct</i>	-59.58	
01 22 23 00-0795	WK		400 Amperes, 480 Volt, Portable Transfer Switch.....	620.66	
01 22 23 00-0796	MO		400 Amperes, 480 Volt, Portable Transfer Switch.....	1,861.96	
			<i>For >6 Months (>26 Weeks) , Deduct</i>	-74.48	
01 22 23 00-0797			Cabling For Generator Sets (01 22 23 00-0672)		
			Note: Includes delivery to job site and pick-up when complete.		
01 22 23 00-0798	DAY		#1 Banded Cable, 50' With Camlock Ends For Generator Set.....	26.01	
01 22 23 00-0799	WK		#1 Banded Cable, 50' With Camlock Ends For Generator Set.....	45.51	
01 22 23 00-0800	MO		#1 Banded Cable, 50' With Camlock Ends For Generator Set.....	136.54	
			<i>For >6 Months (>26 Weeks) , Deduct</i>	-5.46	
01 22 23 00-0801	DAY		50', 4/0 Cable With Camlock Ends For Generator Set.....	13.00	
01 22 23 00-0802	WK		50', 4/0 Cable With Camlock Ends For Generator Set.....	37.83	
01 22 23 00-0803	MO		50', 4/0 Cable With Camlock Ends For Generator Set.....	105.22	
			<i>For >6 Months (>26 Weeks) , Deduct</i>	-4.21	
01 22 23 00-0804			Resistive Load Banks For Generator Sets (01 22 23 00-0672)		
			Note: Includes delivery to job site and pick-up when complete. See CSI section 01 22 23 00-0825 for reimbursable fuel fees.		
01 22 23 00-0805	DAY		100 KW A/C Resistive Load Bank.....	360.70	
01 22 23 00-0806	WK		100 KW A/C Resistive Load Bank.....	686.03	
01 22 23 00-0807	MO		100 KW A/C Resistive Load Bank.....	1,874.20	
			<i>For >6 Months (>26 Weeks) , Deduct</i>	-74.97	
01 22 23 00-0808	DAY		650 KW A/C Resistive Load Bank.....	770.05	
01 22 23 00-0809	WK		650 KW A/C Resistive Load Bank.....	2,059.31	
01 22 23 00-0810	MO		650 KW A/C Resistive Load Bank.....	5,250.37	
			<i>For >6 Months (>26 Weeks) , Deduct</i>	-210.01	
01 22 23 00-0811			Sub-Distribution Panels (Spider Box) For Generator Sets (01 22 23 00-0672)		
			Note: Includes delivery to job site and pick-up when complete.		
01 22 23 00-0812	DAY		50 Amperes, 240 Volt, Single Phase, Sub-Distribution Panel (Spider Box).....	63.84	
01 22 23 00-0813	WK		50 Amperes, 240 Volt, Single Phase, Sub-Distribution Panel (Spider Box).....	165.51	
01 22 23 00-0814	MO		50 Amperes, 240 Volt, Single Phase, Sub-Distribution Panel (Spider Box).....	466.97	
			<i>For >6 Months (>26 Weeks) , Deduct</i>	-18.68	
01 22 23 00-0815			Portable Distribution Panels For Generator Sets (01 22 23 00-0672)		
			Note: Includes delivery to job site and pick-up when complete.		
01 22 23 00-0816	DAY		200 Amperes, 208 Volt, 3 Phase, Portable Spider Box Feeder Panel.....	141.86	
01 22 23 00-0817	WK		200 Amperes, 208 Volt, 3 Phase, Portable Spider Box Feeder Panel.....	384.22	
01 22 23 00-0818	MO		200 Amperes, 208 Volt, 3 Phase, Portable Spider Box Feeder Panel.....	1,075.80	
			<i>For >6 Months (>26 Weeks) , Deduct</i>	-43.03	
01 22 23 00-0819	DAY		100 Amperes, 208 Volt, 3 Phase, Portable Quad Box Panel.....	115.86	
01 22 23 00-0820	WK		100 Amperes, 208 Volt, 3 Phase, Portable Quad Box Panel.....	301.46	
01 22 23 00-0821	MO		100 Amperes, 208 Volt, 3 Phase, Portable Quad Box Panel.....	857.10	
			<i>For >6 Months (>26 Weeks) , Deduct</i>	-34.28	
01 22 23 00-0822	DAY		200 Amperes, 208 Volt, 3 Phase, Portable Quad Box Panel.....	147.78	
01 22 23 00-0823	WK		200 Amperes, 208 Volt, 3 Phase, Portable Quad Box Panel.....	372.39	
01 22 23 00-0824	MO		200 Amperes, 208 Volt, 3 Phase, Portable Quad Box Panel.....	1,010.78	
			<i>For >6 Months (>26 Weeks) , Deduct</i>	-40.43	
01 22 23 00-0825			Fuel Reimbursement For Generators (01 22 23 00-0672)		
01 22 23 00-0826	EA		Fuel Reimbursement For Generators.....	1.00	
			Note: Purchases made by the contractor for fuel will be reimbursed to the Contractor at the actual cost of the purchase, without mark-up, for which a receipt or bill is received. The Adjustment Factor applied to Reimbursable Fees will be 1.0000. The base cost of the purchase is \$1.00, quantity will adjust cost to actual purchase cost; i.e., quantity of 125 = \$125.00 purchase. If there are multiple purchases, each one shall be listed separately with a comment in the "note" block to identify the purchase.		
01 22 23 00-0827			Welding Machines (01 22 23 00-0657)		
			Note: Includes delivery to job site and pick-up when complete. Excludes operator.		
01 22 23 00-0828			CC/CV Inverter Welder (01 22 23 00-0827)		
			Note: Excludes cables, operator and fuel costs. See CSI section 01 22 23 00-0825 for reimbursable fuel fees.		
01 22 23 00-0829	DAY		250 Amperes, CC Inverter Welder.....	52.43	
01 22 23 00-0830	WK		250 Amperes, CC Inverter Welder.....	114.23	



General Requirements		01
Price and Payment Procedures		01 20
Unit Prices		01 22

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0831 MO 250 Amperes, CC Inverter Welder..... For >6 Months (>26 Weeks) , Deduct	346.43 -13.86	
01 22 23 00-0832 DAY 300 Amperes, CC/CV Inverter Welder.....	59.92	
01 22 23 00-0833 WK 300 Amperes, CC/CV Inverter Welder.....	159.17	
01 22 23 00-0834 MO 300 Amperes, CC/CV Inverter Welder..... For >6 Months (>26 Weeks) , Deduct	421.34 -16.85	
01 22 23 00-0835 DAY 350 Amperes, CC/CV Inverter Welder.....	61.80	
01 22 23 00-0836 WK 350 Amperes, CC/CV Inverter Welder.....	162.92	
01 22 23 00-0837 MO 350 Amperes, CC/CV Inverter Welder..... For >6 Months (>26 Weeks) , Deduct	458.79 -18.35	
01 22 23 00-0838 MIG Welder (01 22 23 00-0827) Note: Excludes cables, operator and fuel costs. See CSI section 01 22 23 00-0825 for reimbursable fuel fees.		
01 22 23 00-0839 DAY 115 Volt MIG Welder	89.88	
01 22 23 00-0840 WK 115 Volt MIG Welder	234.08	
01 22 23 00-0841 MO 115 Volt MIG Welder	636.68	
For >6 Months (>26 Weeks) , Deduct	-25.47	
01 22 23 00-0842 Diesel Powered Towable Welding Machines (01 22 23 00-0827) Note: Includes delivery to job site and pick-up when complete. Excludes operator.		
01 22 23 00-0843 DAY 250 To 299 Amperes, Diesel Powered Towable Welding Machine	168.53	
01 22 23 00-0844 WK 250 To 299 Amperes, Diesel Powered Towable Welding Machine	411.97	
01 22 23 00-0845 MO 250 To 299 Amperes, Diesel Powered Towable Welding Machine	983.12	
For >6 Months (>26 Weeks) , Deduct	-39.32	
01 22 23 00-0846 DAY 300 To 349 Amperes, Diesel Powered Towable Welding Machine	224.71	
01 22 23 00-0847 WK 300 To 349 Amperes, Diesel Powered Towable Welding Machine	440.06	
01 22 23 00-0848 MO 300 To 349 Amperes, Diesel Powered Towable Welding Machine	1,028.06	
For >6 Months (>26 Weeks) , Deduct	-41.12	
01 22 23 00-0849 DAY 350 To 399 Amperes, Diesel Powered Towable Welding Machine	234.08	
01 22 23 00-0850 WK 350 To 399 Amperes, Diesel Powered Towable Welding Machine	468.15	
01 22 23 00-0851 MO 350 To 399 Amperes, Diesel Powered Towable Welding Machine	1,142.29	
For >6 Months (>26 Weeks) , Deduct	-45.69	
01 22 23 00-0852 General Equipment (01 22 23)		
01 22 23 00-0853 Torch Burning (01 22 23 00-0852) Note: Includes delivery to job site, set-up, pick-up when complete and full time operator.		
01 22 23 00-0854 DAY Torch Burning Package With Full Time Operator	913.70	
Note: Includes torch set, regulator, hoses, oxygen tank and acetylene tank. For Equipment Without Operator, Deduct	-866.88	
01 22 23 00-0855 WK Torch Burning Package With Full Time Operator	4,474.85	
Note: Includes torch set, regulator, hoses, oxygen tank and acetylene tank. For Equipment Without Operator, Deduct	-4,334.41	
01 22 23 00-0856 MO Torch Burning Package With Full Time Operator	19,203.76	
Note: Includes torch set, regulator, hoses, oxygen tank and acetylene tank. For Equipment Without Operator, Deduct	-18,782.42	
For >6 Months (>26 Weeks) , Deduct	-16.85	
01 22 23 00-0857 Jacks And Bracing (01 22 23 00-0852) Note: Includes delivery to job site and pick-up when complete.		
01 22 23 00-0858 Manual Hydraulic Jacks (01 22 23 00-0857)		
01 22 23 00-0859 DAY 12 Ton Manual Hydraulic Bottle Jack	1.83	
01 22 23 00-0860 WK 12 Ton Manual Hydraulic Bottle Jack	8.72	
01 22 23 00-0861 MO 12 Ton Manual Hydraulic Bottle Jack	31.36	
For >6 Months (>26 Weeks) , Deduct	-1.25	
01 22 23 00-0862 DAY 20 Ton Manual Hydraulic Bottle Jack	3.21	
01 22 23 00-0863 WK 20 Ton Manual Hydraulic Bottle Jack	10.10	
01 22 23 00-0864 MO 20 Ton Manual Hydraulic Bottle Jack	38.25	
For >6 Months (>26 Weeks) , Deduct	-1.53	
01 22 23 00-0865 DAY 50 Ton Manual Hydraulic Bottle Jack	11.48	
01 22 23 00-0866 WK 50 Ton Manual Hydraulic Bottle Jack	44.56	
01 22 23 00-0867 MO 50 Ton Manual Hydraulic Bottle Jack	160.32	
For >6 Months (>26 Weeks) , Deduct	-6.41	
01 22 23 00-0868 DAY 100 Ton Manual Hydraulic Bottle Jack	16.08	
01 22 23 00-0869 WK 100 Ton Manual Hydraulic Bottle Jack	64.31	
01 22 23 00-0870 MO 100 Ton Manual Hydraulic Bottle Jack	231.64	
For >6 Months (>26 Weeks) , Deduct	-9.27	
01 22 23 00-0871 Manual Screw Jacks (01 22 23 00-0857)		
01 22 23 00-0872 DAY 10 To 20 Ton Manual Screw Jack	17.75	
01 22 23 00-0873 WK 10 To 20 Ton Manual Screw Jack	46.99	
01 22 23 00-0874 MO 10 To 20 Ton Manual Screw Jack	140.97	
For >6 Months (>26 Weeks) , Deduct	-5.64	
01 22 23 00-0875 Pressure Washers (01 22 23 00-0852) Note: Includes delivery to job site, pick-up when complete and full time operator.		

01	General Requirements
01 20	Price and Payment Procedures
01 22	Unit Prices



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0876	DAY	2,000 PSI Pressure Washer With Full-Time Operator	881.27	
		<i>For Equipment Without Operator, Deduct</i>	-772.81	
01 22 23 00-0877	WK	2,000 PSI Pressure Washer With Full-Time Operator	4,139.35	
		<i>For Equipment Without Operator, Deduct</i>	-3,864.03	
01 22 23 00-0878	MO	2,000 PSI Pressure Washer With Full-Time Operator	17,444.95	
		<i>For Equipment Without Operator, Deduct</i>	-16,744.14	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-28.03	
01 22 23 00-0879	DAY	2,500 PSI Pressure Washer With Full-Time Operator	881.27	
		<i>For Equipment Without Operator, Deduct</i>	-772.81	
01 22 23 00-0880	WK	2,500 PSI Pressure Washer With Full-Time Operator	4,139.35	
		<i>For Equipment Without Operator, Deduct</i>	-3,864.03	
01 22 23 00-0881	MO	2,500 PSI Pressure Washer With Full-Time Operator	17,444.95	
		<i>For Equipment Without Operator, Deduct</i>	-16,744.14	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-28.03	
01 22 23 00-0882	DAY	3,000 PSI Pressure Washer With Full-Time Operator	881.27	
		<i>For Equipment Without Operator, Deduct</i>	-772.81	
01 22 23 00-0883	WK	3,000 PSI Pressure Washer With Full-Time Operator	4,139.35	
		<i>For Equipment Without Operator, Deduct</i>	-3,864.03	
01 22 23 00-0884	MO	3,000 PSI Pressure Washer With Full-Time Operator	17,444.95	
		<i>For Equipment Without Operator, Deduct</i>	-16,744.14	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-28.03	
01 22 23 00-0885	DAY	3,500 PSI Pressure Washer With Full-Time Operator	889.61	
		<i>For Equipment Without Operator, Deduct</i>	-772.81	
01 22 23 00-0886	WK	3,500 PSI Pressure Washer With Full-Time Operator	4,164.38	
		<i>For Equipment Without Operator, Deduct</i>	-3,864.03	
01 22 23 00-0887	MO	3,500 PSI Pressure Washer With Full-Time Operator	17,511.70	
		<i>For Equipment Without Operator, Deduct</i>	-16,744.14	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-30.70	
01 22 23 00-0888	DAY	4,000 PSI Pressure Washer With Full-Time Operator	922.98	
		<i>For Equipment Without Operator, Deduct</i>	-772.81	
01 22 23 00-0889	WK	4,000 PSI Pressure Washer With Full-Time Operator	4,272.84	
		<i>For Equipment Without Operator, Deduct</i>	-3,864.03	
01 22 23 00-0890	MO	4,000 PSI Pressure Washer With Full-Time Operator	17,887.13	
		<i>For Equipment Without Operator, Deduct</i>	-16,744.14	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-45.72	
01 22 23 00-0891	DAY	5,000 PSI Pressure Washer With Full-Time Operator	939.67	
		<i>For Equipment Without Operator, Deduct</i>	-772.81	
01 22 23 00-0892	WK	5,000 PSI Pressure Washer With Full-Time Operator	4,314.55	
		<i>For Equipment Without Operator, Deduct</i>	-3,864.03	
01 22 23 00-0893	MO	5,000 PSI Pressure Washer With Full-Time Operator	18,012.28	
		<i>For Equipment Without Operator, Deduct</i>	-16,744.14	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-50.73	
01 22 23 00-0894		Confined Space Entry Equipment (01 22 23 00-0852)		
		Note: Includes delivery to job site, set-up, and pick-up when complete.		
01 22 23 00-0895	DAY	Ventilation Equipment For Confined Space	51.10	
		Note: Includes electric or gas blower and ventilation duct up to 25'.		
01 22 23 00-0896	WK	Ventilation Equipment For Confined Space	153.30	
		Note: Includes electric or gas blower and ventilation duct up to 25'.		
01 22 23 00-0897	MO	Ventilation Equipment For Confined Space	457.48	
		Note: Includes electric or gas blower and ventilation duct up to 25'.		
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-18.30	
01 22 23 00-0898	DAY	Confined Space Air Monitor, Tripod, Harness, Cables, SCBAs And Complete Assembly	64.20	
01 22 23 00-0899	WK	Confined Space Air Monitor, Tripod, Harness, Cables, SCBAs And Complete Assembly	192.60	
01 22 23 00-0900	MO	Confined Space Air Monitor, Tripod, Harness, Cables, SCBAs And Complete Assembly	577.80	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-23.11	
01 22 23 00-0901	DAY	Confined Space Air Monitor Personnel	967.21	
		Note: Per person day.		
01 22 23 00-0902	WK	15' Long Ventilation Hose For Confined Space	43.08	
01 22 23 00-0903	MO	15' Long Ventilation Hose For Confined Space	143.60	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-5.74	
01 22 23 00-0904		High Volume Vacuums (01 22 23 00-0852)		
		Note: Includes delivery to job site, set-up, pick-up when complete and full time operator.		
01 22 23 00-0905	DAY	500 Gallon High Volume Vacuum With Full-Time Operator	1,537.06	
		<i>For Equipment Without Operator, Deduct</i>	-967.21	
01 22 23 00-0906	WK	500 Gallon High Volume Vacuum With Full-Time Operator	6,431.63	
		<i>For Equipment Without Operator, Deduct</i>	-4,836.05	
01 22 23 00-0907	MO	500 Gallon High Volume Vacuum With Full-Time Operator	26,426.79	
		<i>For Equipment Without Operator, Deduct</i>	-20,956.23	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-218.82	
01 22 23 00-0908		Portable Floor Drying Fans (01 22 23 00-0852)		
		Note: Includes delivery to job site and pick-up when complete. Excludes operator.		
01 22 23 00-0909	DAY	2,250 CFM Portable Floor Drying Fan	22.37	
01 22 23 00-0910	WK	2,250 CFM Portable Floor Drying Fan	103.44	
01 22 23 00-0911	MO	2,250 CFM Portable Floor Drying Fan	342.49	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-13.70	



General Requirements			01
Price and Payment Procedures			01 20
Unit Prices			01 22

MINOR		TOTAL DIRECT		DEMOLITION
CSI UOM DESCRIPTION		UNIT COST		UNIT COST
01 22 23 00-0912 Portable Dehumidifiers (01 22 23 00-0852)				
Note: Includes delivery to job site, set-up, and pick-up when complete. Excludes operator.				
01 22 23 00-0913	DAY 7.5 To 10 Gallons Per Day, Portable Dehumidifier		196.02	
01 22 23 00-0914	WK 7.5 To 10 Gallons Per Day, Portable Dehumidifier		641.52	
01 22 23 00-0915	MO 7.5 To 10 Gallons Per Day, Portable Dehumidifier		1,817.64	
For >6 Months (>26 Weeks) , Deduct			-72.71	
01 22 23 00-0916	DAY 16 To 25 Gallons Per Day, Portable Dehumidifier		288.68	
01 22 23 00-0917	WK 16 To 25 Gallons Per Day, Portable Dehumidifier		926.64	
01 22 23 00-0918	MO 16 To 25 Gallons Per Day, Portable Dehumidifier		2,583.90	
For >6 Months (>26 Weeks) , Deduct			-103.36	
01 22 23 00-0919 Portable Fume Extractors (01 22 23 00-0852)				
Note: Includes delivery to job site and pick-up when complete. Excludes operator.				
01 22 23 00-0920	DAY Portable Fume Extractor		32.85	
01 22 23 00-0921	WK Portable Fume Extractor		98.55	
01 22 23 00-0922 Direct Fired Space Heaters (01 22 23 00-0852)				
Note: Includes delivery to job site, set-up, and pick-up when complete. Excludes operator.				
01 22 23 00-0923	DAY 150,000 BTU/Hour Space Heater		76.30	
01 22 23 00-0924	WK 150,000 BTU/Hour Space Heater		219.37	
01 22 23 00-0925	MO 150,000 BTU/Hour Space Heater		619.97	
For >6 Months (>26 Weeks) , Deduct			-24.80	
01 22 23 00-0926	DAY 500,000 BTU/Hour Space Heater		162.15	
01 22 23 00-0927	WK 500,000 BTU/Hour Space Heater		400.60	
01 22 23 00-0928	MO 500,000 BTU/Hour Space Heater		1,012.94	
For >6 Months (>26 Weeks) , Deduct			-40.52	
01 22 23 00-0929 Mowers (01 22 23 00-0852)				
Note: Includes delivery to job site and pick-up when complete. Excludes operator.				
01 22 23 00-0930	DAY 21" Walk Behind Lawn Mower		93.91	
01 22 23 00-0931	WK 21" Walk Behind Lawn Mower		270.00	
01 22 23 00-0932	MO 21" Walk Behind Lawn Mower		551.73	
For >6 Months (>26 Weeks) , Deduct			-22.07	
01 22 23 00-0933	DAY 32" Walk Behind Lawn Mower		117.39	
01 22 23 00-0934	WK 32" Walk Behind Lawn Mower		281.74	
01 22 23 00-0935	MO 32" Walk Behind Lawn Mower		586.95	
For >6 Months (>26 Weeks) , Deduct			-23.48	
01 22 23 00-0936	DAY 36" To 48" Walk Behind Deck Mower		211.30	
01 22 23 00-0937	WK 36" To 48" Walk Behind Deck Mower		586.95	
01 22 23 00-0938	MO 36" To 48" Walk Behind Deck Mower		1,702.16	
For >6 Months (>26 Weeks) , Deduct			-68.09	
01 22 23 00-0939	DAY 61" To 72" Walk Behind Deck Mower		211.30	
01 22 23 00-0940	WK 61" To 72" Walk Behind Deck Mower		586.95	
01 22 23 00-0941	MO 61" To 72" Walk Behind Deck Mower		1,702.16	
For >6 Months (>26 Weeks) , Deduct			-68.09	
01 22 23 00-0942 Trailer Mounted Brush Chipper (01 22 23 00-0852)				
Note: Includes delivery to job site and pick-up when complete.				
01 22 23 00-0943	DAY 4" Capacity, Trailer Mounted Brush Chipper For Emergency Clean-up		238.26	
01 22 23 00-0944	WK 4" Capacity, Trailer Mounted Brush Chipper For Emergency Clean-up		569.74	
01 22 23 00-0945	MO 4" Capacity, Trailer Mounted Brush Chipper For Emergency Clean-up		1,750.67	
For >6 Months (>26 Weeks) , Deduct			-70.03	
01 22 23 00-0946	DAY 6" Capacity, Trailer Mounted Brush Chipper For Emergency Clean-up		310.77	
01 22 23 00-0947	WK 6" Capacity, Trailer Mounted Brush Chipper For Emergency Clean-up		700.27	
01 22 23 00-0948	MO 6" Capacity, Trailer Mounted Brush Chipper For Emergency Clean-up		1,864.62	
For >6 Months (>26 Weeks) , Deduct			-74.58	
01 22 23 00-0949	DAY 9" Capacity, Trailer Mounted Brush Chipper For Emergency Clean-up		580.10	
01 22 23 00-0950	WK 9" Capacity, Trailer Mounted Brush Chipper For Emergency Clean-up		1,305.23	
01 22 23 00-0951	MO 9" Capacity, Trailer Mounted Brush Chipper For Emergency Clean-up		3,480.62	
For >6 Months (>26 Weeks) , Deduct			-139.22	
01 22 23 00-0952	DAY 12" Capacity, Trailer Mounted Brush Chipper For Emergency Clean-up		554.40	
01 22 23 00-0953	WK 12" Capacity, Trailer Mounted Brush Chipper For Emergency Clean-up		1,247.40	
01 22 23 00-0954	MO 12" Capacity, Trailer Mounted Brush Chipper For Emergency Clean-up		3,326.40	
For >6 Months (>26 Weeks) , Deduct			-133.06	
01 22 23 00-0955 Marine Equipment (01 22 23)				
01 22 23 00-0956 Barge And Tug Boat Rental (01 22 23 00-0955)				
01 22 23 00-0957	DAY 50' Deck Cargo Barge		1,160.21	
01 22 23 00-0958	DAY 90' Deck Cargo Barge		1,647.08	
01 22 23 00-0959	DAY 160' Deck Cargo Barge		2,424.01	
01 22 23 00-0960	DAY 200' Deck Cargo Barge		3,677.44	
01 22 23 00-0961	DAY Barge Rental With Mounted Crane And Full-time Operator		2,754.12	
Note: Including barge.				
01 22 23 00-0962	HR 250 HP Tug Boat With Operator		239.59	
01 22 23 00-0963	HR 400 HP Tug Boat With Operator		429.67	
01 22 23 00-0964	HR 500 To 800 HP Tug Boat With Operator		538.91	

10	01	General Requirements
	01 20	Price and Payment Procedures
	01 22	Unit Prices



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	01 22 23 00-0965	HR	16' Work Boat With Operator	131.39	
	01 22 23 00-0966	HR	48' Work Boat With Operator	421.30	
01 22 23 00-0967			Material Handling Equipment (01 22 23)		
01 22 23 00-0968			Truck Mounted Hydraulic Cranes (01 22 23 00-0967)		
			Note: Includes full-time operator, delivery, set-up, rigging, all necessary counter weights and removal time in rental period. Excludes lattice boom extension.		
	01 22 23 00-0969	DAY	6 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	1,482.70	
			For Equipment Without Operator, Deduct	-987.80	
	01 22 23 00-0970	WK	6 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	6,438.29	
			For Equipment Without Operator, Deduct	-4,939.02	
	01 22 23 00-0971	MO	6 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	25,914.78	
			For Equipment Without Operator, Deduct	-21,402.42	
			For >6 Months (>26 Weeks) , Deduct	-180.49	
	01 22 23 00-0972	DAY	8 To 9 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	1,613.71	
			For Equipment Without Operator, Deduct	-987.80	
	01 22 23 00-0973	WK	8 To 9 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	6,827.66	
			For Equipment Without Operator, Deduct	-4,939.02	
	01 22 23 00-0974	MO	8 To 9 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	27,079.26	
			For Equipment Without Operator, Deduct	-21,402.42	
			For >6 Months (>26 Weeks) , Deduct	-227.07	
	01 22 23 00-0975	DAY	14 To 15 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	1,744.71	
			For Equipment Without Operator, Deduct	-987.80	
	01 22 23 00-0976	WK	14 To 15 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	7,217.03	
			For Equipment Without Operator, Deduct	-4,939.02	
	01 22 23 00-0977	MO	14 To 15 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	28,243.74	
			For Equipment Without Operator, Deduct	-21,402.42	
			For >6 Months (>26 Weeks) , Deduct	-273.65	
	01 22 23 00-0978	DAY	20 To 25 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	1,919.38	
			For Equipment Without Operator, Deduct	-987.80	
	01 22 23 00-0979	WK	20 To 25 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	7,741.05	
			For Equipment Without Operator, Deduct	-4,939.02	
	01 22 23 00-0980	MO	20 To 25 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	29,808.51	
			For Equipment Without Operator, Deduct	-21,402.42	
			For >6 Months (>26 Weeks) , Deduct	-336.24	
	01 22 23 00-0981	DAY	30 To 35 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	2,079.50	
			For Equipment Without Operator, Deduct	-987.80	
	01 22 23 00-0982	WK	30 To 35 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	8,825.47	
			For Equipment Without Operator, Deduct	-4,939.02	
	01 22 23 00-0983	MO	30 To 35 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	33,058.86	
			For Equipment Without Operator, Deduct	-21,402.42	
			For >6 Months (>26 Weeks) , Deduct	-466.26	
	01 22 23 00-0984	DAY	40 To 45 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	2,457.96	
			For Equipment Without Operator, Deduct	-987.80	
	01 22 23 00-0985	WK	40 To 45 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	10,179.18	
			For Equipment Without Operator, Deduct	-4,939.02	
	01 22 23 00-0986	MO	40 To 45 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	37,122.90	
			For Equipment Without Operator, Deduct	-21,402.42	
			For >6 Months (>26 Weeks) , Deduct	-628.82	
	01 22 23 00-0987	DAY	50 To 55 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	2,698.13	
			For Equipment Without Operator, Deduct	-987.80	
	01 22 23 00-0988	WK	50 To 55 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	11,023.43	
			For Equipment Without Operator, Deduct	-4,939.02	
	01 22 23 00-0989	MO	50 To 55 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	39,661.47	
			For Equipment Without Operator, Deduct	-21,402.42	
			For >6 Months (>26 Weeks) , Deduct	-730.36	
	01 22 23 00-0990	DAY	60 To 65 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	2,887.36	
			For Equipment Without Operator, Deduct	-987.80	
	01 22 23 00-0991	WK	60 To 65 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	11,707.56	
			For Equipment Without Operator, Deduct	-4,939.02	
	01 22 23 00-0992	MO	60 To 65 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	41,710.95	
			For Equipment Without Operator, Deduct	-21,402.42	
			For >6 Months (>26 Weeks) , Deduct	-812.34	
	01 22 23 00-0993	DAY	70 To 75 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	3,076.59	
			For Equipment Without Operator, Deduct	-987.80	
	01 22 23 00-0994	WK	70 To 75 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	12,391.69	
			For Equipment Without Operator, Deduct	-4,939.02	
	01 22 23 00-0995	MO	70 To 75 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	43,760.44	
			For Equipment Without Operator, Deduct	-21,402.42	
			For >6 Months (>26 Weeks) , Deduct	-894.32	
	01 22 23 00-0996	DAY	85 To 90 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	3,200.31	
			For Equipment Without Operator, Deduct	-987.80	
	01 22 23 00-0997	WK	85 To 90 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	12,813.82	
			For Equipment Without Operator, Deduct	-4,939.02	
	01 22 23 00-0998	MO	85 To 90 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	45,041.36	
			For Equipment Without Operator, Deduct	-21,402.42	
			For >6 Months (>26 Weeks) , Deduct	-945.56	
	01 22 23 00-0999	DAY	100 To 110 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	3,367.71	
			For Equipment Without Operator, Deduct	-987.80	
	01 22 23 00-1000	WK	100 To 110 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	13,439.72	
			For Equipment Without Operator, Deduct	-4,939.02	



General Requirements			01	5
Price and Payment Procedures			01 20	
Unit Prices			01 22	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-1001 MO 100 To 110 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator For Equipment Without Operator, Deduct For >6 Months (>26 Weeks) , Deduct	46,004.53 -21,402.42 -1,020.08	
01 22 23 00-1002 DAY 120 To 125 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator For Equipment Without Operator, Deduct For Half Day Usage, Deduct	3,906.28 -987.80 -1,167.39	
01 22 23 00-1003 WK 120 To 125 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator For Equipment Without Operator, Deduct	15,153.69 -4,939.02	
01 22 23 00-1004 MO 120 To 125 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator For Equipment Without Operator, Deduct For >6 Months (>26 Weeks) , Deduct	52,046.44 -21,402.42 -1,225.76	
01 22 23 00-1005 DAY 140 To 150 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator For Equipment Without Operator, Deduct For Half Day Usage, Deduct	4,277.46 -987.80 -1,315.86	
01 22 23 00-1006 WK 140 To 150 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator For Equipment Without Operator, Deduct	16,452.82 -4,939.02	
01 22 23 00-1007 MO 140 To 150 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator For Equipment Without Operator, Deduct For >6 Months (>26 Weeks) , Deduct	55,943.81 -21,402.42 -1,381.66	
01 22 23 00-1008 DAY 175 To 185 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator For Equipment Without Operator, Deduct For Half Day Usage, Deduct	4,947.03 -987.80 -1,583.69	
01 22 23 00-1009 WK 175 To 185 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator For Equipment Without Operator, Deduct	18,796.33 -4,939.02	
01 22 23 00-1010 MO 175 To 185 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator For Equipment Without Operator, Deduct For >6 Months (>26 Weeks) , Deduct	62,974.36 -21,402.42 -1,662.88	
01 22 23 00-1011 DAY 200 To 210 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator For Equipment Without Operator, Deduct For Half Day Usage, Deduct	5,412.82 -987.80 -1,770.01	
01 22 23 00-1012 WK 200 To 210 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator For Equipment Without Operator, Deduct	20,426.60 -4,939.02	
01 22 23 00-1013 MO 200 To 210 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator For Equipment Without Operator, Deduct For >6 Months (>26 Weeks) , Deduct	67,865.17 -21,402.42 -1,858.51	
01 22 23 00-1014 Cable Controlled Lattice Boom, Mechanical Cranes (01 22 23 00-0967) Note: Includes full-time operator and counterweights. Excludes delivery, set-up, and removal. See CSI section 01 71 13 00-0006 for lattice crane delivery.		
01 22 23 00-1015 DAY 75 To 80 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator For Equipment Without Operator, Deduct	2,734.52 -987.80	
01 22 23 00-1016 WK 75 To 80 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator For Equipment Without Operator, Deduct	11,168.99 -4,939.02	
01 22 23 00-1017 MO 75 To 80 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator For Equipment Without Operator, Deduct For >6 Months (>26 Weeks) , Deduct	40,092.32 -21,402.42 -747.60	
01 22 23 00-1018 DAY 100 To 110 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator For Equipment Without Operator, Deduct	4,080.95 -987.80	
01 22 23 00-1019 WK 100 To 110 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator For Equipment Without Operator, Deduct	13,410.61 -4,939.02	
01 22 23 00-1020 MO 100 To 110 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator For Equipment Without Operator, Deduct For >6 Months (>26 Weeks) , Deduct	46,817.20 -21,402.42 -1,016.59	
01 22 23 00-1021 DAY 125 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Or Crawler Mechanical Crane With Full-Time Operator For Equipment Without Operator, Deduct	4,299.29 -987.80	
01 22 23 00-1022 WK 125 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Or Crawler Mechanical Crane With Full-Time Operator For Equipment Without Operator, Deduct	15,004.49 -4,939.02	
01 22 23 00-1023 MO 125 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Or Crawler Mechanical Crane With Full-Time Operator For Equipment Without Operator, Deduct For >6 Months (>26 Weeks) , Deduct	51,597.39 -21,402.42 -1,207.80	
01 22 23 00-1024 DAY 150 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Or Crawler Mechanical Crane With Full-Time Operator For Equipment Without Operator, Deduct	4,735.97 -987.80	
01 22 23 00-1025 WK 150 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Or Crawler Mechanical Crane With Full-Time Operator For Equipment Without Operator, Deduct	16,598.38 -4,939.02	
01 22 23 00-1026 MO 150 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Or Crawler Mechanical Crane With Full-Time Operator For Equipment Without Operator, Deduct For >6 Months (>26 Weeks) , Deduct	56,371.75 -21,402.42 -1,398.77	
01 22 23 00-1027 DAY 200 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator For Equipment Without Operator, Deduct	4,943.39 -987.80	
01 22 23 00-1028 WK 200 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator For Equipment Without Operator, Deduct	18,192.26 -4,939.02	
01 22 23 00-1029 MO 200 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator For Equipment Without Operator, Deduct For >6 Months (>26 Weeks) , Deduct	61,157.77 -21,402.42 -1,590.21	
01 22 23 00-1030 DAY 250 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator For Equipment Without Operator, Deduct	5,150.82 -987.80	
01 22 23 00-1031 WK 250 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator For Equipment Without Operator, Deduct	19,786.14 -4,939.02	

01	General Requirements
01 20	Price and Payment Procedures
01 22	Unit Prices



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-1032	MO	250 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator	65,943.78	
		<i>For Equipment Without Operator, Deduct</i>	-21,402.42	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-1,781.65	
01 22 23 00-1033	DAY	300 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator	5,834.95	
		<i>For Equipment Without Operator, Deduct</i>	-987.80	
01 22 23 00-1034	WK	300 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator	22,238.83	
		<i>For Equipment Without Operator, Deduct</i>	-4,939.02	
01 22 23 00-1035	MO	300 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator	73,291.65	
		<i>For Equipment Without Operator, Deduct</i>	-21,402.42	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-2,075.57	
01 22 23 00-1036	DAY	500 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator	10,041.63	
		<i>For Equipment Without Operator, Deduct</i>	-987.80	
01 22 23 00-1037	WK	500 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator	37,231.51	
		<i>For Equipment Without Operator, Deduct</i>	-4,939.02	
01 22 23 00-1038	MO	500 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator	118,287.16	
		<i>For Equipment Without Operator, Deduct</i>	-21,402.42	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-3,875.39	
01 22 23 00-1039		Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklifts (01 22 23 00-0967)		
		Note: Includes full-time operator. Excludes delivery, set-up, and removal.		
01 22 23 00-1040	DAY	5,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	1,577.38	
		<i>For Equipment Without Operator, Deduct</i>	-967.21	
01 22 23 00-1041	WK	5,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	6,329.35	
		<i>For Equipment Without Operator, Deduct</i>	-4,836.05	
01 22 23 00-1042	MO	5,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	24,167.63	
		<i>For Equipment Without Operator, Deduct</i>	-20,956.23	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-128.46	
01 22 23 00-1043	DAY	6,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	1,641.60	
		<i>For Equipment Without Operator, Deduct</i>	-967.21	
01 22 23 00-1044	WK	6,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	6,473.86	
		<i>For Equipment Without Operator, Deduct</i>	-4,836.05	
01 22 23 00-1045	MO	6,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	24,488.77	
		<i>For Equipment Without Operator, Deduct</i>	-20,956.23	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-141.30	
01 22 23 00-1046	DAY	8,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	1,625.55	
		<i>For Equipment Without Operator, Deduct</i>	-967.21	
01 22 23 00-1047	WK	8,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	6,546.12	
		<i>For Equipment Without Operator, Deduct</i>	-4,836.05	
01 22 23 00-1048	MO	8,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	24,970.48	
		<i>For Equipment Without Operator, Deduct</i>	-20,956.23	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-160.57	
01 22 23 00-1049	DAY	10,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	1,810.20	
		<i>For Equipment Without Operator, Deduct</i>	-967.21	
01 22 23 00-1050	WK	10,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	7,027.83	
		<i>For Equipment Without Operator, Deduct</i>	-4,836.05	
01 22 23 00-1051	MO	10,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	26,094.47	
		<i>For Equipment Without Operator, Deduct</i>	-20,956.23	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-205.53	
01 22 23 00-1052		Straight Mast, Rough Terrain Construction Forklifts (01 22 23 00-0967)		
		Note: Includes full-time operator. Excludes delivery, set-up, and removal.		
01 22 23 00-1053	DAY	5,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator	1,363.82	
		<i>For Equipment Without Operator, Deduct</i>	-967.21	
		<i>For Propane Instead Of Gas Or Diesel, Add</i>	79.32	
01 22 23 00-1054	WK	5,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator	5,919.09	
		<i>For Equipment Without Operator, Deduct</i>	-4,836.05	
		<i>For Propane Instead Of Gas Or Diesel, Add</i>	216.61	
01 22 23 00-1055	MO	5,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator	23,435.03	
		<i>For Equipment Without Operator, Deduct</i>	-20,956.23	
		<i>For Propane Instead Of Gas Or Diesel, Add</i>	495.76	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-99.15	
01 22 23 00-1056	DAY	6,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator	1,384.69	
		<i>For Equipment Without Operator, Deduct</i>	-967.21	
		<i>For Propane Instead Of Gas Or Diesel, Add</i>	83.50	
01 22 23 00-1057	WK	6,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator	5,976.10	
		<i>For Equipment Without Operator, Deduct</i>	-4,836.05	
		<i>For Propane Instead Of Gas Or Diesel, Add</i>	228.01	
01 22 23 00-1058	MO	6,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator	23,565.49	
		<i>For Equipment Without Operator, Deduct</i>	-20,956.23	
		<i>For Propane Instead Of Gas Or Diesel, Add</i>	521.85	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-104.37	
01 22 23 00-1059	DAY	8,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator	1,497.09	
		<i>For Equipment Without Operator, Deduct</i>	-967.21	
		<i>For Propane Instead Of Gas Or Diesel, Add</i>	105.98	
01 22 23 00-1060	WK	8,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator	6,289.21	
		<i>For Equipment Without Operator, Deduct</i>	-4,836.05	
		<i>For Propane Instead Of Gas Or Diesel, Add</i>	290.63	
01 22 23 00-1061	MO	8,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator	24,288.06	
		<i>For Equipment Without Operator, Deduct</i>	-20,956.23	
		<i>For Propane Instead Of Gas Or Diesel, Add</i>	666.37	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-133.27	



General Requirements		01	5
Price and Payment Procedures		01 20	
Unit Prices		01 22	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-1062 DAY 10,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator..... For Equipment Without Operator, Deduct For Propane Instead Of Gas Or Diesel, Add	1,558.99 -967.21 118.36	
01 22 23 00-1063 WK 10,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator..... For Equipment Without Operator, Deduct For Propane Instead Of Gas Or Diesel, Add	6,262.39 -4,836.05 285.27	
01 22 23 00-1064 MO 10,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator..... For Equipment Without Operator, Deduct For Propane Instead Of Gas Or Diesel, Add For >6 Months (>26 Weeks) , Deduct	24,506.91 -20,956.23 770.14 -142.03	
01 22 23 00-1065 Straight Mast, Industrial Warehouse Forklifts (01 22 23 00-0967) Note: Includes full-time operator. Excludes delivery, set-up, and removal.		
01 22 23 00-1066 DAY 5,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator..... For Equipment Without Operator, Deduct For Propane Instead Of Gas Or Diesel, Add	1,304.41 -967.21 67.44	
01 22 23 00-1067 WK 5,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator..... For Equipment Without Operator, Deduct For Propane Instead Of Gas Or Diesel, Add	5,606.79 -4,836.05 754.15	
01 22 23 00-1068 MO 5,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator..... For Equipment Without Operator, Deduct For Propane Instead Of Gas Or Diesel, Add For >6 Months (>26 Weeks) , Deduct	22,802.79 -20,956.23 369.31 -73.86	
01 22 23 00-1069 DAY 6,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator..... For Equipment Without Operator, Deduct For Propane Instead Of Gas Or Diesel, Add	1,312.44 -967.21 69.05	
01 22 23 00-1070 WK 6,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator..... For Equipment Without Operator, Deduct For Propane Instead Of Gas Or Diesel, Add	5,630.87 -4,836.05 158.96	
01 22 23 00-1071 MO 6,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator..... For Equipment Without Operator, Deduct For Propane Instead Of Gas Or Diesel, Add For >6 Months (>26 Weeks) , Deduct	22,858.98 -20,956.23 380.55 -76.11	
01 22 23 00-1072 DAY 8,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator..... For Equipment Without Operator, Deduct For Propane Instead Of Gas Or Diesel, Add	1,481.03 -967.21 102.76	
01 22 23 00-1073 WK 8,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator..... For Equipment Without Operator, Deduct For Propane Instead Of Gas Or Diesel, Add	6,000.18 -4,836.05 232.83	
01 22 23 00-1074 MO 8,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator..... For Equipment Without Operator, Deduct For Propane Instead Of Gas Or Diesel, Add For >6 Months (>26 Weeks) , Deduct	23,766.21 -20,956.23 562.00 -112.40	
01 22 23 00-1075 DAY 12,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator..... For Equipment Without Operator, Deduct For Propane Instead Of Gas Or Diesel, Add	1,497.09 -967.21 105.98	
01 22 23 00-1076 WK 12,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator..... For Equipment Without Operator, Deduct For Propane Instead Of Gas Or Diesel, Add	6,136.67 -4,836.05 260.12	
01 22 23 00-1077 MO 12,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator..... For Equipment Without Operator, Deduct For Propane Instead Of Gas Or Diesel, Add For >6 Months (>26 Weeks) , Deduct	24,247.91 -20,956.23 658.34 -131.67	
01 22 23 00-1078 DAY 15,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator..... For Equipment Without Operator, Deduct For Propane Instead Of Gas Or Diesel, Add	1,641.60 -967.21 134.88	
01 22 23 00-1079 WK 15,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator..... For Equipment Without Operator, Deduct For Propane Instead Of Gas Or Diesel, Add	6,369.49 -4,836.05 306.69	
01 22 23 00-1080 MO 15,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator..... For Equipment Without Operator, Deduct For Propane Instead Of Gas Or Diesel, Add For >6 Months (>26 Weeks) , Deduct	24,649.34 -20,956.23 738.62 -147.72	
01 22 23 00-1081 Chain Hoists (01 22 23 00-0967) Note: Includes delivery to job site and pick-up when complete.		
01 22 23 00-1082 DAY 1 Ton, 20' Lift, Manual Chain Hoist.....	13.78	
01 22 23 00-1083 WK 1 Ton, 20' Lift, Manual Chain Hoist.....	35.83	
01 22 23 00-1084 MO 1 Ton, 20' Lift, Manual Chain Hoist..... For >6 Months (>26 Weeks) , Deduct	106.11 -4.24	
01 22 23 00-1085 DAY 3 Ton, 20' Lift, Manual Chain Hoist.....	38.58	
01 22 23 00-1086 WK 3 Ton, 20' Lift, Manual Chain Hoist.....	90.95	
01 22 23 00-1087 MO 3 Ton, 20' Lift, Manual Chain Hoist..... For >6 Months (>26 Weeks) , Deduct	254.93 -10.20	
01 22 23 00-1088 DAY 5 Ton, 20' Lift, Manual Chain Hoist.....	49.61	
01 22 23 00-1089 WK 5 Ton, 20' Lift, Manual Chain Hoist.....	133.67	
01 22 23 00-1090 MO 5 Ton, 20' Lift, Manual Chain Hoist..... For >6 Months (>26 Weeks) , Deduct	372.06 -14.88	
01 22 23 00-1091 DAY 2 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist	97.84	
01 22 23 00-1092 WK 2 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist	254.93	
01 22 23 00-1093 MO 2 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist	689.00	
For >6 Months (>26 Weeks) , Deduct	-27.56	
01 22 23 00-1094 DAY 3 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist	99.22	

01	General Requirements
01 20	Price and Payment Procedures
01 22	Unit Prices



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-1095	WK	3 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist.....	265.26	
01 22 23 00-1096	MO	3 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist.....	723.45	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-28.94	
01 22 23 00-1097	DAY	5 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist.....	101.97	
01 22 23 00-1098	WK	5 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist.....	285.94	
01 22 23 00-1099	MO	5 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist.....	792.35	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-31.69	
01 22 23 00-1100		Roof Swing Hoist (01 22 23 00-0967)		
		Note: Includes delivery to job site and pick-up when complete.		
01 22 23 00-1101	DAY	Up To 400 Lbs, Manual Swing Roof Hoist	100.36	
01 22 23 00-1102	WK	Up To 400 Lbs, Manual Swing Roof Hoist	351.26	
01 22 23 00-1103	MO	Up To 400 Lbs, Manual Swing Roof Hoist	1,204.32	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-48.17	
01 22 23 00-1104		Truck Mounted Digger Derrick (01 22 23 00-0967)		
		Note: Includes full-time operator, delivery, set-up, and removal time in rental period. Lifting capacity is reduced.		
01 22 23 00-1105	DAY	Up To 47' Sheave Height, 34' Horizontal Reach, 12 Ton Capacity, Truck Mounted Hydraulic Digger Derrick With Full-Time Operator.....	1,676.85	
		Note: Includes lifting boom, grapple arm and auger drill.		
		<i>For Equipment Without Operator, Deduct</i>	-987.80	
01 22 23 00-1106	WK	Up To 47' Sheave Height, 34' Horizontal Reach, 12 Ton Capacity, Truck Mounted Hydraulic Digger Derrick With Full-Time Operator.....	7,006.17	
		Note: Includes lifting boom, grapple arm and auger drill.		
		<i>For Equipment Without Operator, Deduct</i>	-4,939.02	
01 22 23 00-1107	MO	Up To 47' Sheave Height, 34' Horizontal Reach, 12 Ton Capacity, Truck Mounted Hydraulic Digger Derrick With Full-Time Operator.....	26,914.83	
		Note: Includes lifting boom, grapple arm and auger drill.		
		<i>For Equipment Without Operator, Deduct</i>	-21,402.42	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-220.50	
01 22 23 00-1108	DAY	Up To 48' Sheave Height, 38' Horizontal Reach, 15 Ton Capacity, Truck Mounted Hydraulic Digger Derrick With Full-Time Operator.....	1,818.48	
		Note: Includes lifting boom, grapple arm and auger drill.		
		<i>For Equipment Without Operator, Deduct</i>	-987.80	
01 22 23 00-1109	WK	Up To 48' Sheave Height, 38' Horizontal Reach, 15 Ton Capacity, Truck Mounted Hydraulic Digger Derrick With Full-Time Operator.....	7,431.06	
		Note: Includes lifting boom, grapple arm and auger drill.		
		<i>For Equipment Without Operator, Deduct</i>	-4,939.02	
01 22 23 00-1110	MO	Up To 48' Sheave Height, 38' Horizontal Reach, 15 Ton Capacity, Truck Mounted Hydraulic Digger Derrick With Full-Time Operator.....	28,047.86	
		Note: Includes lifting boom, grapple arm and auger drill.		
		<i>For Equipment Without Operator, Deduct</i>	-21,402.42	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-265.82	
01 22 23 00-1111	DAY	Up To 65' Sheave Height, 55' Horizontal Reach, 21 Ton Capacity, Truck Mounted Hydraulic Digger Derrick With Full-Time Operator.....	2,693.66	
		Note: Includes lifting boom, grapple arm and auger drill.		
		<i>For Equipment Without Operator, Deduct</i>	-987.80	
01 22 23 00-1112	WK	Up To 65' Sheave Height, 55' Horizontal Reach, 21 Ton Capacity, Truck Mounted Hydraulic Digger Derrick With Full-Time Operator.....	10,056.61	
		Note: Includes lifting boom, grapple arm and auger drill.		
		<i>For Equipment Without Operator, Deduct</i>	-4,939.02	
01 22 23 00-1113	MO	Up To 65' Sheave Height, 55' Horizontal Reach, 21 Ton Capacity, Truck Mounted Hydraulic Digger Derrick With Full-Time Operator.....	35,049.32	
		Note: Includes lifting boom, grapple arm and auger drill.		
		<i>For Equipment Without Operator, Deduct</i>	-21,402.42	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-545.88	
01 22 23 00-1114		Pumping Equipment (01 22 23)		
01 22 23 00-1115		Gas Powered Portable Centrifugal Pumps (01 22 23 00-1114)		
		Note: Includes delivery, set-up, and removal. Excludes operator. See CSI section 01 22 23 00-1139 for larger diameter pumps.		
01 22 23 00-1116	DAY	8,500 GPH, 2" Discharge, 108' Maximum Head, Gas Powered Portable Centrifugal Pump.....	75.67	
01 22 23 00-1117	WK	8,500 GPH, 2" Discharge, 108' Maximum Head, Gas Powered Portable Centrifugal Pump.....	170.25	
01 22 23 00-1118	MO	8,500 GPH, 2" Discharge, 108' Maximum Head, Gas Powered Portable Centrifugal Pump.....	454.01	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-18.16	
01 22 23 00-1119	DAY	16,500 GPH, 3" Discharge, 85' Maximum Head, Gas Powered Portable Centrifugal Pump.....	90.80	
01 22 23 00-1120	WK	16,500 GPH, 3" Discharge, 85' Maximum Head, Gas Powered Portable Centrifugal Pump.....	204.30	
01 22 23 00-1121	MO	16,500 GPH, 3" Discharge, 85' Maximum Head, Gas Powered Portable Centrifugal Pump.....	544.81	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-21.79	
01 22 23 00-1122		Gas Powered Portable Diaphragm Pumps (01 22 23 00-1114)		
		Note: Includes delivery, set-up, and removal. Excludes operator.		
01 22 23 00-1123	DAY	3,000 GPH, 2" Discharge, 25' Maximum Head, Gas Powered Portable Diaphragm Pump	87.02	
01 22 23 00-1124	WK	3,000 GPH, 2" Discharge, 25' Maximum Head, Gas Powered Portable Diaphragm Pump	245.92	
01 22 23 00-1125	MO	3,000 GPH, 2" Discharge, 25' Maximum Head, Gas Powered Portable Diaphragm Pump	624.26	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-24.97	
01 22 23 00-1126	DAY	5,200 GPH, 3" Discharge, 25' Maximum Head, Gas Powered Portable Diaphragm Pump	105.94	
01 22 23 00-1127	WK	5,200 GPH, 3" Discharge, 25' Maximum Head, Gas Powered Portable Diaphragm Pump	283.76	



General Requirements		01
Price and Payment Procedures		01 20
Unit Prices		01 22

MINOR CSI UOM DESCRIPTION		TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-1128	MO 5,200 GPH, 3" Discharge, 25' Maximum Head, Gas Powered Portable Diaphragm Pump For >6 Months (>26 Weeks) , Deduct	803.97 -32.16	
01 22 23 00-1129	Gas Powered Portable Trash Pumps (01 22 23 00-1114) Note: Includes delivery, set-up, and removal. Excludes operator.		
01 22 23 00-1130	DAY 12,000 GPH, 2" Discharge, 100' Maximum Head, Gas Powered Portable Trash Pump.....	109.72	
01 22 23 00-1131	WK 12,000 GPH, 2" Discharge, 100' Maximum Head, Gas Powered Portable Trash Pump.....	227.00	
01 22 23 00-1132	MO 12,000 GPH, 2" Discharge, 100' Maximum Head, Gas Powered Portable Trash Pump..... For >6 Months (>26 Weeks) , Deduct	681.01 -27.24	
01 22 23 00-1133	DAY 25,000 GPH, 3" Discharge, 90' Maximum Head, Gas Powered Portable Trash Pump.....	109.72	
01 22 23 00-1134	WK 25,000 GPH, 3" Discharge, 90' Maximum Head, Gas Powered Portable Trash Pump.....	293.21	
01 22 23 00-1135	MO 25,000 GPH, 3" Discharge, 90' Maximum Head, Gas Powered Portable Trash Pump..... For >6 Months (>26 Weeks) , Deduct	803.97 -32.16	
01 22 23 00-1136	DAY 35,000 GPH, 4" Discharge, 106' Maximum Head, Gas Powered Portable Trash Pump.....	174.04	
01 22 23 00-1137	WK 35,000 GPH, 4" Discharge, 106' Maximum Head, Gas Powered Portable Trash Pump.....	491.84	
01 22 23 00-1138	MO 35,000 GPH, 4" Discharge, 106' Maximum Head, Gas Powered Portable Trash Pump..... For >6 Months (>26 Weeks) , Deduct	1,428.23 -57.13	
01 22 23 00-1139	Diesel Powered Portable Trash Pumps (01 22 23 00-1114) Note: Includes delivery, set-up, and removal. Excludes operator.		
01 22 23 00-1140	DAY 63,000 GPH, 4" Discharge, 153' Maximum Head, Diesel Powered Portable Trash Pump	340.51	
01 22 23 00-1141	WK 63,000 GPH, 4" Discharge, 153' Maximum Head, Diesel Powered Portable Trash Pump	926.93	
01 22 23 00-1142	MO 63,000 GPH, 4" Discharge, 153' Maximum Head, Diesel Powered Portable Trash Pump	4,038.78	
	For >6 Months (>26 Weeks) , Deduct	-161.55	
01 22 23 00-1143	DAY 156,000 GPH, 6" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump	520.22	
01 22 23 00-1144	WK 156,000 GPH, 6" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump	1,362.02	
01 22 23 00-1145	MO 156,000 GPH, 6" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump	3,622.61	
	For >6 Months (>26 Weeks) , Deduct	-144.90	
01 22 23 00-1146	DAY 246,000 GPH, 10" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump	707.50	
01 22 23 00-1147	WK 246,000 GPH, 10" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump	1,893.59	
01 22 23 00-1148	MO 246,000 GPH, 10" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump	5,065.97	
	For >6 Months (>26 Weeks) , Deduct	-202.64	
01 22 23 00-1149	DAY 379,000 GPH, 12" Discharge, 104' Maximum Head, Diesel Powered Portable Trash Pump	591.58	
01 22 23 00-1150	WK 379,000 GPH, 12" Discharge, 104' Maximum Head, Diesel Powered Portable Trash Pump	2,338.14	
01 22 23 00-1151	MO 379,000 GPH, 12" Discharge, 104' Maximum Head, Diesel Powered Portable Trash Pump	6,866.87	
	For >6 Months (>26 Weeks) , Deduct	-274.67	
01 22 23 00-1152	Diesel Powered Portable High Head Trash Pumps (01 22 23 00-1114) Note: Includes delivery, set-up, and removal. Excludes operator.		
01 22 23 00-1153	DAY 27,000 GPH, 3" Suction, 3" Discharge, 300' Maximum Head, Diesel Powered Portable High Head Trash Pump	454.01	
01 22 23 00-1154	WK 27,000 GPH, 3" Suction, 3" Discharge, 300' Maximum Head, Diesel Powered Portable High Head Trash Pump	1,021.52	
01 22 23 00-1155	MO 27,000 GPH, 3" Suction, 3" Discharge, 300' Maximum Head, Diesel Powered Portable High Head Trash Pump	2,724.05	
	For >6 Months (>26 Weeks) , Deduct	-108.96	
01 22 23 00-1156	DAY 90,000 GPH, 6" Suction, 4" Discharge, 330' Maximum Head, Diesel Powered Portable High Head Trash Pump	681.01	
01 22 23 00-1157	WK 90,000 GPH, 6" Suction, 4" Discharge, 330' Maximum Head, Diesel Powered Portable High Head Trash Pump	1,821.71	
01 22 23 00-1158	MO 90,000 GPH, 6" Suction, 4" Discharge, 330' Maximum Head, Diesel Powered Portable High Head Trash Pump	5,107.59	
	For >6 Months (>26 Weeks) , Deduct	-204.30	
01 22 23 00-1159	DAY 135,000 GPH, 8" Suction, 6" Discharge, 320' Maximum Head, Diesel Powered Portable High Head Trash Pump	832.35	
01 22 23 00-1160	WK 135,000 GPH, 8" Suction, 6" Discharge, 320' Maximum Head, Diesel Powered Portable High Head Trash Pump	1,872.78	
01 22 23 00-1161	MO 135,000 GPH, 8" Suction, 6" Discharge, 320' Maximum Head, Diesel Powered Portable High Head Trash Pump	4,994.09	
	For >6 Months (>26 Weeks) , Deduct	-199.76	
01 22 23 00-1162	Diesel Powered Portable Silenced Environmental Trash Pumps (01 22 23 00-1114) Note: Includes delivery, set-up, and removal. Excludes operator.		
01 22 23 00-1163	DAY 90,000 GPH, 4" Discharge, 330' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump.....	486.17	
01 22 23 00-1164	WK 90,000 GPH, 4" Discharge, 330' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump.....	1,106.64	
01 22 23 00-1165	MO 90,000 GPH, 4" Discharge, 330' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump..... For >6 Months (>26 Weeks) , Deduct	3,450.46 -138.02	
01 22 23 00-1166	DAY 136,800 GPH, 6" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump.....	595.89	
01 22 23 00-1167	WK 136,800 GPH, 6" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump.....	1,484.98	
01 22 23 00-1168	MO 136,800 GPH, 6" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump..... For >6 Months (>26 Weeks) , Deduct	4,038.78 -161.55	
01 22 23 00-1169	DAY 246,000 GPH, 10" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump.....	718.85	
01 22 23 00-1170	WK 246,000 GPH, 10" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump.....	2,126.27	
01 22 23 00-1171	MO 246,000 GPH, 10" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump..... For >6 Months (>26 Weeks) , Deduct	5,930.48 -237.22	
01 22 23 00-1172	DAY 510,000 GPH, 12" Discharge, 200' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump.....	1,082.05	
01 22 23 00-1173	WK 510,000 GPH, 12" Discharge, 200' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump.....	2,763.77	
01 22 23 00-1174	MO 510,000 GPH, 12" Discharge, 200' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump..... For >6 Months (>26 Weeks) , Deduct	8,115.39 -324.62	

01	General Requirements
01 20	Price and Payment Procedures
01 22	Unit Prices



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-1175			3 Phase Electric Submersible Pumps (01 22 23 00-1114) Note: Includes delivery, set-up, and removal. Excludes operator.		
01 22 23 00-1176	DAY		24,000 GPH, 3" Discharge, 78' Maximum Head, 3 Phase Electric Submersible Pump	189.17	
01 22 23 00-1177	WK		24,000 GPH, 3" Discharge, 78' Maximum Head, 3 Phase Electric Submersible Pump	472.92	
01 22 23 00-1178	MO		24,000 GPH, 3" Discharge, 78' Maximum Head, 3 Phase Electric Submersible Pump	1,418.78	
			<i>For >6 Months (>26 Weeks) , Deduct</i>	-56.75	
01 22 23 00-1179	DAY		49,800 GPH, 4" Discharge, 98' Maximum Head, 3 Phase Electric Submersible Pump	249.70	
01 22 23 00-1180	WK		49,800 GPH, 4" Discharge, 98' Maximum Head, 3 Phase Electric Submersible Pump	624.26	
01 22 23 00-1181	MO		49,800 GPH, 4" Discharge, 98' Maximum Head, 3 Phase Electric Submersible Pump	1,872.78	
			<i>For >6 Months (>26 Weeks) , Deduct</i>	-74.91	
01 22 23 00-1182			Suction Hose With Couplings (01 22 23 00-1114) Note: Includes delivery, set-up, and removal.		
01 22 23 00-1183	DAY		Up To 2" Inside Diameter, 20' Length, Suction Hose With Couplings	5.76	
01 22 23 00-1184	WK		Up To 2" Inside Diameter, 20' Length, Suction Hose With Couplings	14.40	
01 22 23 00-1185	MO		Up To 2" Inside Diameter, 20' Length, Suction Hose With Couplings	44.16	
			<i>For >6 Months (>26 Weeks) , Deduct</i>	-1.77	
01 22 23 00-1186	DAY		3" Inside Diameter, 20' Length, Suction Hose With Couplings	15.36	
01 22 23 00-1187	WK		3" Inside Diameter, 20' Length, Suction Hose With Couplings	39.36	
01 22 23 00-1188	MO		3" Inside Diameter, 20' Length, Suction Hose With Couplings	120.00	
			<i>For >6 Months (>26 Weeks) , Deduct</i>	-4.80	
01 22 23 00-1189	DAY		4" Inside Diameter, 20' Length, Suction Hose With Couplings	23.04	
01 22 23 00-1190	WK		4" Inside Diameter, 20' Length, Suction Hose With Couplings	58.56	
01 22 23 00-1191	MO		4" Inside Diameter, 20' Length, Suction Hose With Couplings	177.60	
			<i>For >6 Months (>26 Weeks) , Deduct</i>	-7.10	
01 22 23 00-1192	DAY		6" Inside Diameter, 20' Length, Suction Hose With Couplings	28.80	
01 22 23 00-1193	WK		6" Inside Diameter, 20' Length, Suction Hose With Couplings	72.00	
01 22 23 00-1194	MO		6" Inside Diameter, 20' Length, Suction Hose With Couplings	211.20	
			<i>For >6 Months (>26 Weeks) , Deduct</i>	-8.45	
01 22 23 00-1195	DAY		10" Inside Diameter, 20' Length, Suction Hose With Couplings	67.20	
01 22 23 00-1196	WK		10" Inside Diameter, 20' Length, Suction Hose With Couplings	172.80	
01 22 23 00-1197	MO		10" Inside Diameter, 20' Length, Suction Hose With Couplings	508.80	
			<i>For >6 Months (>26 Weeks) , Deduct</i>	-20.35	
01 22 23 00-1198	DAY		12" Inside Diameter, 20' Length, Suction Hose With Couplings	90.24	
01 22 23 00-1199	WK		12" Inside Diameter, 20' Length, Suction Hose With Couplings	196.80	
01 22 23 00-1200	MO		12" Inside Diameter, 20' Length, Suction Hose With Couplings	590.40	
			<i>For >6 Months (>26 Weeks) , Deduct</i>	-23.62	
01 22 23 00-1201			Discharge Hose With Couplings (01 22 23 00-1114) Note: Includes delivery, set-up, and removal.		
01 22 23 00-1202	DAY		1-1/2" Inside Diameter, 50' Length, Discharge Hose With Couplings	5.76	
01 22 23 00-1203	WK		1-1/2" Inside Diameter, 50' Length, Discharge Hose With Couplings	14.40	
01 22 23 00-1204	MO		1-1/2" Inside Diameter, 50' Length, Discharge Hose With Couplings	44.16	
			<i>For >6 Months (>26 Weeks) , Deduct</i>	-1.77	
01 22 23 00-1205	DAY		2" Inside Diameter, 50' Length, Discharge Hose With Couplings	6.72	
01 22 23 00-1206	WK		2" Inside Diameter, 50' Length, Discharge Hose With Couplings	16.32	
01 22 23 00-1207	MO		2" Inside Diameter, 50' Length, Discharge Hose With Couplings	50.88	
			<i>For >6 Months (>26 Weeks) , Deduct</i>	-2.04	
01 22 23 00-1208	DAY		3" Inside Diameter, 50' Length, Discharge Hose With Couplings	7.68	
01 22 23 00-1209	WK		3" Inside Diameter, 50' Length, Discharge Hose With Couplings	19.20	
01 22 23 00-1210	MO		3" Inside Diameter, 50' Length, Discharge Hose With Couplings	58.56	
			<i>For >6 Months (>26 Weeks) , Deduct</i>	-2.34	
01 22 23 00-1211	DAY		4" Inside Diameter, 50' Length, Discharge Hose With Couplings	20.16	
01 22 23 00-1212	WK		4" Inside Diameter, 50' Length, Discharge Hose With Couplings	51.84	
01 22 23 00-1213	MO		4" Inside Diameter, 50' Length, Discharge Hose With Couplings	148.80	
			<i>For >6 Months (>26 Weeks) , Deduct</i>	-5.95	
01 22 23 00-1214	DAY		6" Inside Diameter, 50' Length, Discharge Hose With Couplings	24.96	
01 22 23 00-1215	WK		6" Inside Diameter, 50' Length, Discharge Hose With Couplings	68.16	
01 22 23 00-1216	MO		6" Inside Diameter, 50' Length, Discharge Hose With Couplings	187.20	
			<i>For >6 Months (>26 Weeks) , Deduct</i>	-7.49	
01 22 23 00-1217	DAY		10" Inside Diameter, 10' Length, Discharge Hose With Couplings	19.20	
01 22 23 00-1218	WK		10" Inside Diameter, 10' Length, Discharge Hose With Couplings	48.00	
01 22 23 00-1219	MO		10" Inside Diameter, 10' Length, Discharge Hose With Couplings	144.00	
			<i>For >6 Months (>26 Weeks) , Deduct</i>	-5.76	
01 22 23 00-1220	DAY		12" Inside Diameter, 10' Length, Discharge Hose With Couplings	48.96	
01 22 23 00-1221	WK		12" Inside Diameter, 10' Length, Discharge Hose With Couplings	124.80	
01 22 23 00-1222	MO		12" Inside Diameter, 10' Length, Discharge Hose With Couplings	369.60	
			<i>For >6 Months (>26 Weeks) , Deduct</i>	-14.78	
01 22 23 00-1223			Hydraulic Submersible Pumps (01 22 23 00-1114) Note: Includes delivery, set-up, and removal. Excludes operator.		
01 22 23 00-1224			Hydraulic Submersible Pumps (01 22 23 00-1223) Note: Includes delivery, set-up, and removal. Excludes operator.		
01 22 23 00-1225	DAY		60,000 GPH, 4" Discharge, 115' Maximum Head, Hydraulic Submersible Pump	124.85	
01 22 23 00-1226	WK		60,000 GPH, 4" Discharge, 115' Maximum Head, Hydraulic Submersible Pump	334.83	
01 22 23 00-1227	MO		60,000 GPH, 4" Discharge, 115' Maximum Head, Hydraulic Submersible Pump	936.39	
			<i>For >6 Months (>26 Weeks) , Deduct</i>	-37.46	
01 22 23 00-1228	DAY		132,000 GPH, 6" Discharge, 90' Maximum Head, Hydraulic Submersible Pump	158.90	
01 22 23 00-1229	WK		132,000 GPH, 6" Discharge, 90' Maximum Head, Hydraulic Submersible Pump	408.61	



General Requirements			01
Price and Payment Procedures			01 20
Unit Prices			01 22

MINOR		TOTAL DIRECT		DEMOLITION
CSI UOM DESCRIPTION		UNIT COST		UNIT COST
01 22 23 00-1230	MO 132,000 GPH, 6" Discharge, 90' Maximum Head, Hydraulic Submersible Pump.....	1,248.52		
	For >6 Months (>26 Weeks) , Deduct	-49.94		
01 22 23 00-1231	Hydraulic Submersible Pump Diesel Power Packs (01 22 23 00-1223)			
	Note: Includes delivery, set-up, and removal. Excludes operator.			
01 22 23 00-1232	DAY 100 HP, Hydraulic Submersible Pump Diesel Power Pack.....	288.48		
01 22 23 00-1233	WK 100 HP, Hydraulic Submersible Pump Diesel Power Pack.....	860.72		
01 22 23 00-1234	MO 100 HP, Hydraulic Submersible Pump Diesel Power Pack.....	2,270.04		
	For >6 Months (>26 Weeks) , Deduct	-90.60		
01 22 23 00-1235	HDPE Pipe With Couplings (01 22 23 00-1114)			
	Note: Includes delivery, set-up, and removal.			
01 22 23 00-1236	DAY 4" x 50' HDPE Pipe With Couplings.....	20.60		
01 22 23 00-1237	WK 4" x 50' HDPE Pipe With Couplings.....	49.44		
01 22 23 00-1238	MO 4" x 50' HDPE Pipe With Couplings.....	152.44		
	For >6 Months (>26 Weeks) , Deduct	-6.10		
01 22 23 00-1239	DAY 6" x 50' HDPE Pipe With Couplings.....	32.96		
01 22 23 00-1240	WK 6" x 50' HDPE Pipe With Couplings.....	82.40		
01 22 23 00-1241	MO 6" x 50' HDPE Pipe With Couplings.....	251.31		
	For >6 Months (>26 Weeks) , Deduct	-10.05		
01 22 23 00-1242	DAY 8" x 50' HDPE Pipe With Couplings.....	53.56		
01 22 23 00-1243	WK 8" x 50' HDPE Pipe With Couplings.....	140.08		
01 22 23 00-1244	MO 8" x 50' HDPE Pipe With Couplings.....	416.11		
	For >6 Months (>26 Weeks) , Deduct	-16.64		
01 22 23 00-1245	DAY 10" x 50' HDPE Pipe With Couplings.....	65.92		
01 22 23 00-1246	WK 10" x 50' HDPE Pipe With Couplings.....	168.92		
01 22 23 00-1247	MO 10" x 50' HDPE Pipe With Couplings.....	514.99		
	For >6 Months (>26 Weeks) , Deduct	-20.60		
01 22 23 00-1248	DAY 12" x 20' HDPE Pipe With Couplings.....	49.44		
01 22 23 00-1249	WK 12" x 20' HDPE Pipe With Couplings.....	135.96		
01 22 23 00-1250	MO 12" x 20' HDPE Pipe With Couplings.....	411.99		
	For >6 Months (>26 Weeks) , Deduct	-16.48		
01 22 23 00-1251	DAY 4" Elbow For HDPE Pipe, Quick Connect.....	49.44		
01 22 23 00-1252	WK 4" Elbow For HDPE Pipe, Quick Connect.....	127.72		
01 22 23 00-1253	MO 4" Elbow For HDPE Pipe, Quick Connect.....	379.03		
	For >6 Months (>26 Weeks) , Deduct	-15.16		
01 22 23 00-1254	DAY 6" Elbow For HDPE Pipe, Quick Connect.....	57.68		
01 22 23 00-1255	WK 6" Elbow For HDPE Pipe, Quick Connect.....	148.32		
01 22 23 00-1256	MO 6" Elbow For HDPE Pipe, Quick Connect.....	453.19		
	For >6 Months (>26 Weeks) , Deduct	-18.13		
01 22 23 00-1257	DAY 8" Elbow For HDPE Pipe, Quick Connect.....	65.92		
01 22 23 00-1258	WK 8" Elbow For HDPE Pipe, Quick Connect.....	168.92		
01 22 23 00-1259	MO 8" Elbow For HDPE Pipe, Quick Connect.....	514.99		
	For >6 Months (>26 Weeks) , Deduct	-20.60		
01 22 23 00-1260	DAY 10" Elbow For HDPE Pipe, Quick Connect.....	82.40		
01 22 23 00-1261	WK 10" Elbow For HDPE Pipe, Quick Connect.....	210.11		
01 22 23 00-1262	MO 10" Elbow For HDPE Pipe, Quick Connect.....	638.58		
	For >6 Months (>26 Weeks) , Deduct	-25.54		
01 22 23 00-1263	DAY 12" Elbow For HDPE Pipe, Quick Connect.....	82.40		
01 22 23 00-1264	WK 12" Elbow For HDPE Pipe, Quick Connect.....	210.11		
01 22 23 00-1265	MO 12" Elbow For HDPE Pipe, Quick Connect.....	638.58		
	For >6 Months (>26 Weeks) , Deduct	-25.54		
01 22 23 00-1266	DAY 4" Tee For HDPE Pipe, Quick Connect.....	49.44		
01 22 23 00-1267	WK 4" Tee For HDPE Pipe, Quick Connect.....	127.72		
01 22 23 00-1268	MO 4" Tee For HDPE Pipe, Quick Connect.....	379.03		
	For >6 Months (>26 Weeks) , Deduct	-15.16		
01 22 23 00-1269	DAY 6" Tee For HDPE Pipe, Quick Connect.....	65.92		
01 22 23 00-1270	WK 6" Tee For HDPE Pipe, Quick Connect.....	168.92		
01 22 23 00-1271	MO 6" Tee For HDPE Pipe, Quick Connect.....	514.99		
	For >6 Months (>26 Weeks) , Deduct	-20.60		
01 22 23 00-1272	DAY 8" Tee For HDPE Pipe, Quick Connect.....	82.40		
01 22 23 00-1273	WK 8" Tee For HDPE Pipe, Quick Connect.....	210.11		
01 22 23 00-1274	MO 8" Tee For HDPE Pipe, Quick Connect.....	638.58		
	For >6 Months (>26 Weeks) , Deduct	-25.54		
01 22 23 00-1275	DAY 10" Tee For HDPE Pipe, Quick Connect.....	98.88		
01 22 23 00-1276	WK 10" Tee For HDPE Pipe, Quick Connect.....	251.31		
01 22 23 00-1277	MO 10" Tee For HDPE Pipe, Quick Connect.....	762.18		
	For >6 Months (>26 Weeks) , Deduct	-30.49		
01 22 23 00-1278	DAY 12" Tee For HDPE Pipe, Quick Connect.....	98.88		
01 22 23 00-1279	WK 12" Tee For HDPE Pipe, Quick Connect.....	251.31		
01 22 23 00-1280	MO 12" Tee For HDPE Pipe, Quick Connect.....	762.18		
	For >6 Months (>26 Weeks) , Deduct	-30.49		
01 22 23 00-1281	DAY 4" Cap For HDPE Pipe, Quick Connect.....	8.24		
01 22 23 00-1282	WK 4" Cap For HDPE Pipe, Quick Connect.....	24.72		
01 22 23 00-1283	MO 4" Cap For HDPE Pipe, Quick Connect.....	74.16		
	For >6 Months (>26 Weeks) , Deduct	-2.97		
01 22 23 00-1284	DAY 6" Cap For HDPE Pipe, Quick Connect.....	8.24		
01 22 23 00-1285	WK 6" Cap For HDPE Pipe, Quick Connect.....	24.72		
01 22 23 00-1286	MO 6" Cap For HDPE Pipe, Quick Connect.....	74.16		
	For >6 Months (>26 Weeks) , Deduct	-2.97		
01 22 23 00-1287	DAY 8" Cap For HDPE Pipe, Quick Connect.....	8.24		

01	General Requirements
01 20	Price and Payment Procedures
01 22	Unit Prices



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-1288	WK	8" Cap For HDPE Pipe, Quick Connect	24.72	
01 22 23 00-1289	MO	8" Cap For HDPE Pipe, Quick Connect	74.16	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-2.97	
01 22 23 00-1290	DAY	10" Cap For HDPE Pipe, Quick Connect	8.24	
01 22 23 00-1291	WK	10" Cap For HDPE Pipe, Quick Connect	24.72	
01 22 23 00-1292	MO	10" Cap For HDPE Pipe, Quick Connect	74.16	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-2.97	
01 22 23 00-1293	DAY	12" Cap For HDPE Pipe, Quick Connect	8.24	
01 22 23 00-1294	WK	12" Cap For HDPE Pipe, Quick Connect	24.72	
01 22 23 00-1295	MO	12" Cap For HDPE Pipe, Quick Connect	74.16	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-2.97	
01 22 23 00-1296	DAY	4" Wye For HDPE Pipe, Quick Connect	24.72	
01 22 23 00-1297	WK	4" Wye For HDPE Pipe, Quick Connect	61.80	
01 22 23 00-1298	MO	4" Wye For HDPE Pipe, Quick Connect	189.52	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-7.58	
01 22 23 00-1299	DAY	6" Wye For HDPE Pipe, Quick Connect	28.84	
01 22 23 00-1300	WK	6" Wye For HDPE Pipe, Quick Connect	74.16	
01 22 23 00-1301	MO	6" Wye For HDPE Pipe, Quick Connect	226.59	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-9.06	
01 22 23 00-1302	DAY	8" Wye For HDPE Pipe, Quick Connect	49.44	
01 22 23 00-1303	WK	8" Wye For HDPE Pipe, Quick Connect	127.72	
01 22 23 00-1304	MO	8" Wye For HDPE Pipe, Quick Connect	379.03	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-15.16	
01 22 23 00-1305	DAY	10" Wye For HDPE Pipe, Quick Connect	74.16	
01 22 23 00-1306	WK	10" Wye For HDPE Pipe, Quick Connect	189.52	
01 22 23 00-1307	MO	10" Wye For HDPE Pipe, Quick Connect	576.79	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-23.07	
01 22 23 00-1308	DAY	12" Wye For HDPE Pipe, Quick Connect	74.16	
01 22 23 00-1309	WK	12" Wye For HDPE Pipe, Quick Connect	189.52	
01 22 23 00-1310	MO	12" Wye For HDPE Pipe, Quick Connect	576.79	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-23.07	
01 22 23 00-1311		Temporary Building Services (01 22 23)		
01 22 23 00-1312		Boilers (01 22 23 00-1311)		
		Note: Excludes operator, delivery, set-up, and removal.		
01 22 23 00-1313		Electric Boilers (01 22 23 00-1312)		
01 22 23 00-1314	MO	40 MBH, 12 KW Electric Boiler Rental	2,596.99	
01 22 23 00-1315	MO	60 MBH, 20 KW Electric Boiler Rental	2,833.12	
01 22 23 00-1316	MO	95 MBH, 30 KW Electric Boiler Rental	2,951.18	
01 22 23 00-1317	MO	135 MBH, 40 KW Electric Boiler Rental	3,305.26	
01 22 23 00-1318	MO	165 MBH, 50 KW Electric Boiler Rental	4,603.76	
01 22 23 00-1319	MO	215 MBH, 60 KW Electric Boiler Rental	5,312.05	
01 22 23 00-1320	MO	365 MBH, 100 KW Electric Boiler Rental	6,964.74	
01 22 23 00-1321	MO	510 MBH, 150 KW Electric Boiler Rental	8,499.35	
01 22 23 00-1322		Oil/Gas Fired Boilers (01 22 23 00-1312)		
01 22 23 00-1323	MO	Up To 100 HP, Gas/Oil Dual Fuel Boiler Rental	2,479.00	
01 22 23 00-1324	MO	>100 HP To 250 HP, Gas/Oil Dual Fuel Boiler Rental	3,222.70	
01 22 23 00-1325	MO	>250 HP To 500 HP, Gas/Oil Dual Fuel Boiler Rental	5,205.90	
01 22 23 00-1326	MO	>500 HP To 800 HP, Gas/Oil Dual Fuel Boiler Rental	7,189.10	
01 22 23 00-1327		Oil Fired Boilers (01 22 23 00-1312)		
01 22 23 00-1328	MO	250 HP Oil Fired Boiler Rental	7,293.67	
01 22 23 00-1329	MO	350 HP Oil Fired Boiler Rental	9,724.90	
01 22 23 00-1330	MO	500 HP Oil Fired Boiler Rental	12,156.12	
01 22 23 00-1331	MO	600 HP Oil Fired Boiler Rental	13,371.73	
01 22 23 00-1332		Boilers Setup (01 22 23 00-1312)		
01 22 23 00-1333	EA	Setup Rental Boiler	7,774.26	
		Note: Includes delivery, setup, installation, startup, commissioning, decommissioning, and pickup. Excludes piping and electrical hookup. Excludes crane.		
01 22 23 00-1334		Chillers (01 22 23 00-1311)		
		Note: Excludes operator, delivery, set-up, and removal.		
01 22 23 00-1335		Air Cooled Chillers (01 22 23 00-1334)		
01 22 23 00-1336	MO	25 Ton Air Cooled Chiller Rental	2,494.67	
		<i>For >3 To 6 Month Rental, Deduct</i>	-374.20	
		<i>For >6 Month Rental, Deduct</i>	-623.67	
01 22 23 00-1337	MO	40 Ton Air Cooled Chiller Rental	3,991.48	
		<i>For >3 To 6 Month Rental, Deduct</i>	-598.72	
		<i>For >6 Month Rental, Deduct</i>	-997.87	
01 22 23 00-1338	MO	60 Ton Air Cooled Chiller Rental	4,882.03	
		<i>For >3 To 6 Month Rental, Deduct</i>	-732.30	
		<i>For >6 Month Rental, Deduct</i>	-1,220.51	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-1339 MO 80 Ton Air Cooled Chiller Rental For >3 To 6 Month Rental, Deduct For >6 Month Rental, Deduct	5,772.58 -865.89 -1,443.15	
01 22 23 00-1340 MO 100 Ton Air Cooled Chiller Rental For >3 To 6 Month Rental, Deduct For >6 Month Rental, Deduct	6,663.13 -999.47 -1,665.78	
01 22 23 00-1341 MO 125 Ton Air Cooled Chiller Rental For >3 To 6 Month Rental, Deduct For >6 Month Rental, Deduct	7,719.37 -1,157.91 -1,929.84	
01 22 23 00-1342 MO 155 Ton Air Cooled Chiller Rental For >3 To 6 Month Rental, Deduct For >6 Month Rental, Deduct	9,338.54 -1,400.78 -2,334.64	
01 22 23 00-1343 MO 170 Ton Air Cooled Chiller Rental For >3 To 6 Month Rental, Deduct For >6 Month Rental, Deduct	9,986.22 -1,497.93 -2,496.56	
01 22 23 00-1344 MO 200 Ton Air Cooled Chiller Rental For >3 To 6 Month Rental, Deduct For >6 Month Rental, Deduct	11,471.73 -1,720.76 -2,867.93	
01 22 23 00-1345 MO 250 Ton Air Cooled Chiller Rental For >3 To 6 Month Rental, Deduct For >6 Month Rental, Deduct	13,650.10 -2,047.52 -3,412.53	
01 22 23 00-1346 MO 300 Ton Air Cooled Chiller Rental Note: Includes trailer. For >3 To 6 Month Rental, Deduct For >6 Month Rental, Deduct	15,928.25 -2,389.24 -3,982.06	
01 22 23 00-1347 MO 400 Ton Air Cooled Chiller Rental Note: Includes trailer, pump and 200' of 6" hose. For >3 To 6 Month Rental, Deduct For >6 Month Rental, Deduct	21,011.74 -3,151.76 -5,252.94	
01 22 23 00-1348 MO 500 Ton Air Cooled Chiller Rental Note: Includes trailer, pump and 200' of 6" hose. For >3 To 6 Month Rental, Deduct For >6 Month Rental, Deduct	26,008.61 -3,901.29 -6,502.15	
01 22 23 00-1349 EA Setup Air Cooled Chiller Rental Unit Note: Includes delivery, setup, installation, refrigerant charge, startup, commissioning, decommissioning, recovery of refrigerant and pickup. Excludes piping and electrical hookup. Excludes crane if off-loaded.	5,404.06	
01 22 23 00-1350 Chiller Rental Accessories (01 22 23 00-1334)		
01 22 23 00-1351 MO 4" x 25' Flexible Water Hose For Chiller Rental	44.45	
01 22 23 00-1352 MO 6" x 25' Flexible Water Hose For Chiller Rental	55.56	
01 22 23 00-1353 Cooling Tower (01 22 23 00-1311) Note: Excludes operator, delivery, set-up, and removal.		
01 22 23 00-1354 MO 100 Ton Cooling Tower Rental For >3 To 6 Months Rental, Deduct For >6 Months Rental, Deduct	2,289.28 -343.39 -572.32	
01 22 23 00-1355 MO 200 Ton Cooling Tower Rental For >3 To 6 Months Rental, Deduct For >6 Months Rental, Deduct	4,167.38 -625.11 -1,041.85	
01 22 23 00-1356 MO 250 Ton Cooling Tower Rental For >3 To 6 Months Rental, Deduct For >6 Months Rental, Deduct	4,719.36 -707.90 -1,179.84	
01 22 23 00-1357 MO 300 Ton Cooling Tower Rental For >3 To 6 Months Rental, Deduct For >6 Months Rental, Deduct	5,334.24 -800.14 -1,333.56	
01 22 23 00-1358 MO 400 Ton Cooling Tower Rental For >3 To 6 Months Rental, Deduct For >6 Months Rental, Deduct	6,667.80 -1,000.17 -1,666.95	
01 22 23 00-1359 MO 500 Ton Cooling Tower Rental For >3 To 6 Months Rental, Deduct For >6 Months Rental, Deduct	7,795.80 -1,169.37 -1,948.95	
01 22 23 00-1360 MO Setup Rental Cooling Tower Note: Includes delivery, setup, installation, startup, commissioning, decommissioning, and pickup. Excludes piping and electrical hookup. Excludes crane.	5,404.06	
01 22 23 00-1361 Emergency Cooler/Freezer (01 22 23 00-1311) Note: Excludes utility connection, delivery, set-up, and removal. Cooler 115 Volt or 230 Volt, freezer 208/230 Volt, combo 115 Volt or 230 Volt.		
01 22 23 00-1362 DAY 8 x 6 x 7 Emergency Cooler Rental	126.92	
01 22 23 00-1363 WK 8 x 6 x 7 Emergency Cooler Rental	676.88	
01 22 23 00-1364 DAY 10 x 7 x 7 Emergency Cooler Rental	253.83	
01 22 23 00-1365 WK 10 x 7 x 7 Emergency Cooler Rental	1,015.32	
01 22 23 00-1366 MO 10 x 7 x 7 Emergency Cooler Rental	2,538.30	
01 22 23 00-1367 DAY 10 x 7 x 7 Emergency Freezer Rental	296.14	
01 22 23 00-1368 WK 10 x 7 x 7 Emergency Freezer Rental	1,184.54	
01 22 23 00-1369 MO 10 x 7 x 7 Emergency Freezer Rental	3,045.96	
01 22 23 00-1370 DAY 6 x 8 x 7 Or 6 x 6 x 7, Emergency Combo Cooler/Freezer Rental	338.44	
01 22 23 00-1371 WK 6 x 8 x 7 Or 6 x 6 x 7, Emergency Combo Cooler/Freezer Rental	1,353.76	
01 22 23 00-1372 MO 6 x 8 x 7 Or 6 x 6 x 7, Emergency Combo Cooler/Freezer Rental	3,384.40	

01	General Requirements
01 20	Price and Payment Procedures
01 22	Unit Prices



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

01 22 23 00-1373		Fuel Oil Tank (01 22 23 00-1311)
		Note: Excludes delivery to job site and pick-up when complete. Excludes Off-road fuel costs. See CSI section 01 22 23 00-0825 for reimbursable fuel fees.
01 22 23 00-1374	MO	100 Gallon Portable Double Wall Fuel Oil Tank Rental 433.92
		For >6 Months (>26 Weeks) , Deduct .....-17.36
01 22 23 00-1375	MO	275 Gallon Portable Double Wall Fuel Oil Tank Rental 674.98
		For >6 Months (>26 Weeks) , Deduct .....-27.00
01 22 23 00-1376	MO	500 Gallon Portable Double Wall Fuel Oil Tank Rental 1,687.46
		For >6 Months (>26 Weeks) , Deduct .....-67.50
01 22 23 00-1377	MO	1,000 Gallon Portable Double Wall Fuel Oil Tank Rental 2,812.42
		For >6 Months (>26 Weeks) , Deduct .....-112.50
01 22 23 00-1378	MO	2,300 Gallon Portable Double Wall Fuel Oil Tank Rental 3,712.40
		For >6 Months (>26 Weeks) , Deduct .....-148.50
01 22 23 00-1379	MO	5,000 Gallon Portable Double Wall Fuel Oil Tank Rental 6,631.97
		For >6 Months (>26 Weeks) , Deduct .....-265.28
01 22 23 00-1380		Portable Spot Cooling Units (01 22 23 00-1311)
		Note: Includes up to 20' duct. Excludes operator, delivery, set-up, and removal.
01 22 23 00-1381	DAY	1 Ton Portable Spot Cooling Unit 196.86
01 22 23 00-1382	WK	1 Ton Portable Spot Cooling Unit 426.52
01 22 23 00-1383	MO	1 Ton Portable Spot Cooling Unit 1,008.26
		For >6 Months (>26 Weeks) , Deduct .....-40.33
01 22 23 00-1384	DAY	1.5 Ton Portable Spot Cooling Unit 257.43
01 22 23 00-1385	WK	1.5 Ton Portable Spot Cooling Unit 528.74
01 22 23 00-1386	MO	1.5 Ton Portable Spot Cooling Unit 1,240.45
		For >6 Months (>26 Weeks) , Deduct .....-49.62
01 22 23 00-1387	DAY	2 Ton Portable Spot Cooling Unit 347.02
01 22 23 00-1388	WK	2 Ton Portable Spot Cooling Unit 725.59
01 22 23 00-1389	MO	2 Ton Portable Spot Cooling Unit 1,343.92
		For >6 Months (>26 Weeks) , Deduct .....-53.76
01 22 23 00-1390	DAY	3 Ton Portable Spot Cooling Unit 363.43
01 22 23 00-1391	WK	3 Ton Portable Spot Cooling Unit 769.76
01 22 23 00-1392	MO	3 Ton Portable Spot Cooling Unit 1,701.04
		For >6 Months (>26 Weeks) , Deduct .....-68.04
01 22 23 00-1393	DAY	5 Ton Portable Spot Cooling Unit 567.86
01 22 23 00-1394	WK	5 Ton Portable Spot Cooling Unit 1,148.33
01 22 23 00-1395	MO	5 Ton Portable Spot Cooling Unit 2,386.25
		For >6 Months (>26 Weeks) , Deduct .....-95.45
01 22 23 00-1396	DAY	10 To 12 Ton Portable Spot Cooling Unit 742.00
01 22 23 00-1397	WK	10 To 12 Ton Portable Spot Cooling Unit 1,672.02
01 22 23 00-1398	MO	10 To 12 Ton Portable Spot Cooling Unit 4,035.56
		For >6 Months (>26 Weeks) , Deduct .....-161.42
01 22 23 00-1399	DAY	20 Ton Portable Spot Cooling Unit 851.78
01 22 23 00-1400	WK	20 Ton Portable Spot Cooling Unit 1,955.94
01 22 23 00-1401	MO	20 Ton Portable Spot Cooling Unit 5,451.41
		For >6 Months (>26 Weeks) , Deduct .....-218.06
01 22 23 00-1402	DAY	25 Ton Portable Spot Cooling Unit 1,211.42
01 22 23 00-1403	WK	25 Ton Portable Spot Cooling Unit 2,454.40
01 22 23 00-1404	MO	25 Ton Portable Spot Cooling Unit 5,710.10
		For >6 Months (>26 Weeks) , Deduct .....-228.40
01 22 23 00-1405	EA	Setup Rental Of Up To 5 Ton Portable Spot Cooler 272.89
		Note: Includes delivery, setup, connection to power outlet and connection to duct and removal. Excludes electrical wiring.
01 22 23 00-1406	EA	Setup Rental Of 10 To 15 Ton Portable Spot Cooler 624.24
		Note: Includes delivery, setup, connection to power outlet and connection to duct and removal. Excludes electrical wiring.
01 22 23 00-1407	EA	Setup Rental Of 20 To 25 Ton Portable Spot Cooler 909.75
		Note: Includes delivery, setup, connection to power outlet and connection to duct and removal. Excludes electrical wiring.
01 22 23 00-1408		Air Handling Unit (AHU) (01 22 23 00-1311)
		Note: Excludes operator, delivery, set-up, and removal.
01 22 23 00-1409		Air Handling Unit (AHU) (01 22 23 00-1408)
01 22 23 00-1410	MO	5,000 CFM Air Handling Unit Rental 2,943.52
		For >6 Months (>26 Weeks) , Deduct .....-117.74
01 22 23 00-1411	MO	10,000 CFM Air Handling Unit Rental 3,043.68
		For >6 Months (>26 Weeks) , Deduct .....-121.75
01 22 23 00-1412	MO	25,000 CFM Air Handling Unit Rental 5,001.77
		For >6 Months (>26 Weeks) , Deduct .....-200.07
01 22 23 00-1413		Air Handling Unit Setup (01 22 23 00-1408)
01 22 23 00-1414	EA	Setup Rental Air Handling Unit 1,039.07
		Note: Includes delivery, setup, installation, startup, commissioning, decommissioning, and pickup. Excludes piping and electrical hookup. Excludes crane.
01 22 23 00-1415	MO	12" x 100' Flex Duct For AHU Rental 288.06
		Note: Includes four (4) 25' sections.
01 22 23 00-1416	MO	20" x 100' Flex Duct For AHU Rental 348.31
		Note: Includes four (4) 25' sections.



General Requirements			01
Price and Payment Procedures			01 20
Unit Prices			01 22

MINOR CSI UOM DESCRIPTION		TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-1417	Truck And Trailer Equipment (01 22 23)		
01 22 23 00-1418	Trucks (01 22 23 00-1417) Note: Includes driver, delivery, and removal.		
01 22 23 00-1419	Flat Bed Trucks (01 22 23 00-1418) Note: Includes hydraulic tilt bed.		
01 22 23 00-1420	DAY 1-1/2 Ton Capacity, 8' To 10' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver For Equipment Without Operator, Deduct	1,047.66 -753.53	
01 22 23 00-1421	WK 1-1/2 Ton Capacity, 8' To 10' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver For Equipment Without Operator, Deduct	4,538.74 -3,767.64	
01 22 23 00-1422	MO 1-1/2 Ton Capacity, 8' To 10' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver For Equipment Without Operator, Deduct For >6 Months (>26 Weeks) , Deduct	18,274.09 -16,326.46 -77.91	
01 22 23 00-1423	DAY 3 Ton Capacity, 12' To 16' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver For Equipment Without Operator, Deduct	1,174.85 -753.53	
01 22 23 00-1424	WK 3 Ton Capacity, 12' To 16' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver For Equipment Without Operator, Deduct	4,864.67 -3,767.64	
01 22 23 00-1425	MO 3 Ton Capacity, 12' To 16' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver For Equipment Without Operator, Deduct For >6 Months (>26 Weeks) , Deduct	19,108.78 -16,326.46 -111.29	
01 22 23 00-1426	DAY 6-1/2 Ton Capacity, 16' To 22' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver For Equipment Without Operator, Deduct	1,266.11 -753.53	
01 22 23 00-1427	WK 6-1/2 Ton Capacity, 16' To 22' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver For Equipment Without Operator, Deduct	5,213.50 -3,767.64	
01 22 23 00-1428	MO 6-1/2 Ton Capacity, 16' To 22' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver For Equipment Without Operator, Deduct For >6 Months (>26 Weeks) , Deduct	20,436.35 -16,326.46 -164.40	
01 22 23 00-1429	Light Off-Road Utility Passenger Vehicles (01 22 23 00-1418)		
01 22 23 00-1430	DAY 4 Wheel, 2 Person, Light Off Road Utility Passenger Vehicle.....	300.82	
01 22 23 00-1431	WK 4 Wheel, 2 Person, Light Off Road Utility Passenger Vehicle.....	695.64	
01 22 23 00-1432	MO 4 Wheel, 2 Person, Light Off Road Utility Passenger Vehicle..... For >6 Months (>26 Weeks) , Deduct	1,504.08 -60.16	
01 22 23 00-1433	DAY 4 Wheel, 4 Person, Light Off Road Utility Passenger Vehicle.....	310.22	
01 22 23 00-1434	WK 4 Wheel, 4 Person, Light Off Road Utility Passenger Vehicle.....	723.84	
01 22 23 00-1435	MO 4 Wheel, 4 Person, Light Off Road Utility Passenger Vehicle..... For >6 Months (>26 Weeks) , Deduct	1,598.08 -63.92	
01 22 23 00-1436	Light Duty Trucks (01 22 23 00-1418)		
01 22 23 00-1437	DAY 1/2 To 3/4 Ton, 4 x 2 Light Duty Conventional Pickup Truck With Full-Time Truck Driver..... For Equipment Without Operator, Deduct	1,048.29 -749.04	
01 22 23 00-1438	WK 1/2 To 3/4 Ton, 4 x 2 Light Duty Conventional Pickup Truck With Full-Time Truck Driver..... For Equipment Without Operator, Deduct	4,727.10 -3,745.19	
01 22 23 00-1439	MO 1/2 To 3/4 Ton, 4 x 2 Light Duty Conventional Pickup Truck With Full-Time Truck Driver..... For Equipment Without Operator, Deduct For >6 Months (>26 Weeks) , Deduct	18,286.48 -16,229.15 -82.29	
01 22 23 00-1440	DAY 3/4 Ton, 4 x 4 Crew Cab Pickup Truck With Full-Time Truck Driver..... For Equipment Without Operator, Deduct	1,104.40 -749.04	
01 22 23 00-1441	WK 3/4 Ton, 4 x 4 Crew Cab Pickup Truck With Full-Time Truck Driver..... For Equipment Without Operator, Deduct	4,895.42 -3,745.19	
01 22 23 00-1442	MO 3/4 Ton, 4 x 4 Crew Cab Pickup Truck With Full-Time Truck Driver..... For Equipment Without Operator, Deduct For >6 Months (>26 Weeks) , Deduct	18,660.54 -16,229.15 -97.26	
01 22 23 00-1443	Boom Trucks (01 22 23 00-1418)		
01 22 23 00-1444	DAY 3-1/2 Ton, 4 x 2 Boom Truck With Full-Time Truck Driver..... For Equipment Without Operator, Deduct	1,301.25 -753.53	
01 22 23 00-1445	WK 3-1/2 Ton, 4 x 2 Boom Truck With Full-Time Truck Driver..... For Equipment Without Operator, Deduct	5,193.78 -3,767.64	
01 22 23 00-1446	MO 3-1/2 Ton, 4 x 2 Boom Truck With Full-Time Truck Driver..... For Equipment Without Operator, Deduct For >6 Months (>26 Weeks) , Deduct	19,943.48 -16,326.46 -144.68	
01 22 23 00-1447	Rear Dump Trucks (01 22 23 00-1418)		
01 22 23 00-1448	DAY 2.5 CY Rear Dump Truck With Full-Time Truck Driver For Equipment Without Operator, Deduct	1,145.23 -753.53	
01 22 23 00-1449	WK 2.5 CY Rear Dump Truck With Full-Time Truck Driver For Equipment Without Operator, Deduct	4,802.24 -3,767.64	
01 22 23 00-1450	MO 2.5 CY Rear Dump Truck With Full-Time Truck Driver For Equipment Without Operator, Deduct For >6 Months (>26 Weeks) , Deduct	19,494.11 -16,326.46 -126.71	
01 22 23 00-1451	DAY 4 CY Rear Dump Truck With Full-Time Truck Driver For Equipment Without Operator, Deduct	1,275.09 -753.53	
01 22 23 00-1452	WK 4 CY Rear Dump Truck With Full-Time Truck Driver For Equipment Without Operator, Deduct	5,204.58 -3,767.64	

01	General Requirements
01 20	Price and Payment Procedures
01 22	Unit Prices



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-1453	MO	4 CY Rear Dump Truck With Full-Time Truck Driver	20,051.86	
		<i>For Equipment Without Operator, Deduct</i>	-16,326.46	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-149.02	
01 22 23 00-1454	DAY	6 CY Rear Dump Truck With Full-Time Truck Driver	1,349.59	
		<i>For Equipment Without Operator, Deduct</i>	-753.53	
01 22 23 00-1455	WK	6 CY Rear Dump Truck With Full-Time Truck Driver	5,364.24	
		<i>For Equipment Without Operator, Deduct</i>	-3,767.64	
01 22 23 00-1456	MO	6 CY Rear Dump Truck With Full-Time Truck Driver	20,158.30	
		<i>For Equipment Without Operator, Deduct</i>	-16,326.46	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-153.27	
01 22 23 00-1457	DAY	13 CY Rear Dump Truck With Full-Time Truck Driver	2,233.05	
		<i>For Equipment Without Operator, Deduct</i>	-753.53	
01 22 23 00-1458	WK	13 CY Rear Dump Truck With Full-Time Truck Driver	7,184.36	
		<i>For Equipment Without Operator, Deduct</i>	-3,767.64	
01 22 23 00-1459	MO	13 CY Rear Dump Truck With Full-Time Truck Driver	25,267.42	
		<i>For Equipment Without Operator, Deduct</i>	-16,326.46	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-357.64	
01 22 23 00-1460	DAY	18 CY Rear Dump Truck With Full-Time Truck Driver	2,381.00	
		<i>For Equipment Without Operator, Deduct</i>	-753.53	
01 22 23 00-1461	WK	18 CY Rear Dump Truck With Full-Time Truck Driver	7,526.04	
		<i>For Equipment Without Operator, Deduct</i>	-3,767.64	
01 22 23 00-1462	MO	18 CY Rear Dump Truck With Full-Time Truck Driver	26,161.52	
		<i>For Equipment Without Operator, Deduct</i>	-16,326.46	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-393.40	
01 22 23 00-1463 Under-Bridge Inspection Trucks (01 22 23 00-1418)				
01 22 23 00-1464	DAY	40' Reach Under Bridge Inspection Truck (UBIT) With Full-Time Truck Driver.....	4,586.36	
		<i>For Equipment Without Operator, Deduct</i>	-753.53	
01 22 23 00-1465	WK	40' Reach Under Bridge Inspection Truck (UBIT) With Full-Time Truck Driver.....	20,859.99	
		<i>For Equipment Without Operator, Deduct</i>	-3,767.64	
01 22 23 00-1466	MO	40' Reach Under Bridge Inspection Truck (UBIT) With Full-Time Truck Driver.....	76,914.82	
		<i>For Equipment Without Operator, Deduct</i>	-16,326.46	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-2,423.53	
01 22 23 00-1467	DAY	50' Reach Under Bridge Inspection Truck (UBIT) With Full-Time Truck Driver.....	5,104.31	
		<i>For Equipment Without Operator, Deduct</i>	-753.53	
01 22 23 00-1468	WK	50' Reach Under Bridge Inspection Truck (UBIT) With Full-Time Truck Driver.....	21,895.89	
		<i>For Equipment Without Operator, Deduct</i>	-3,767.64	
01 22 23 00-1469	MO	50' Reach Under Bridge Inspection Truck (UBIT) With Full-Time Truck Driver.....	80,823.74	
		<i>For Equipment Without Operator, Deduct</i>	-16,326.46	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-2,579.89	
01 22 23 00-1470	DAY	60' Reach Under Bridge Inspection Truck (UBIT) With Full-Time Truck Driver.....	5,415.08	
		<i>For Equipment Without Operator, Deduct</i>	-753.53	
01 22 23 00-1471	WK	60' Reach Under Bridge Inspection Truck (UBIT) With Full-Time Truck Driver.....	23,449.74	
		<i>For Equipment Without Operator, Deduct</i>	-3,767.64	
01 22 23 00-1472	MO	60' Reach Under Bridge Inspection Truck (UBIT) With Full-Time Truck Driver.....	84,732.68	
		<i>For Equipment Without Operator, Deduct</i>	-16,326.46	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-2,736.25	
01 22 23 00-1473	DAY	75' Reach Under Bridge Inspection Truck (UBIT) With Full-Time Truck Driver.....	6,761.75	
		<i>For Equipment Without Operator, Deduct</i>	-753.53	
01 22 23 00-1474	WK	75' Reach Under Bridge Inspection Truck (UBIT) With Full-Time Truck Driver.....	29,665.14	
		<i>For Equipment Without Operator, Deduct</i>	-3,767.64	
01 22 23 00-1475	MO	75' Reach Under Bridge Inspection Truck (UBIT) With Full-Time Truck Driver.....	104,277.31	
		<i>For Equipment Without Operator, Deduct</i>	-16,326.46	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-3,518.03	
01 22 23 00-1476 Vacuum Trucks (01 22 23 00-1418)				
01 22 23 00-1477	DAY	1,500 To 2,000 Gallon Vacuum Truck With Full-Time Truck Driver	1,141.72	
		<i>For Equipment Without Operator, Deduct</i>	-753.53	
01 22 23 00-1478	WK	1,500 To 2,000 Gallon Vacuum Truck With Full-Time Truck Driver	4,924.59	
		<i>For Equipment Without Operator, Deduct</i>	-3,767.64	
01 22 23 00-1479	MO	1,500 To 2,000 Gallon Vacuum Truck With Full-Time Truck Driver	19,744.02	
		<i>For Equipment Without Operator, Deduct</i>	-16,326.46	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-136.70	
01 22 23 00-1480	DAY	5,000 Gallon Vacuum Truck With Full-Time Truck Driver	2,222.40	
		<i>For Equipment Without Operator, Deduct</i>	-753.53	
01 22 23 00-1481	WK	5,000 Gallon Vacuum Truck With Full-Time Truck Driver	8,191.29	
		<i>For Equipment Without Operator, Deduct</i>	-3,767.64	
01 22 23 00-1482	MO	5,000 Gallon Vacuum Truck With Full-Time Truck Driver	29,380.26	
		<i>For Equipment Without Operator, Deduct</i>	-16,326.46	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-522.15	
01 22 23 00-1483 Water Trucks (01 22 23 00-1418)				
Note: Includes pump and 1-1/2" Diameter x 50' water hose. See CSI section 01 22 23 00-1201 for additional discharge hose, 01 22 23 00-1522 for water trailer.				
01 22 23 00-1484	DAY	2,000 Gallon Water Truck With Full-Time Driver	1,438.57	
		<i>For Equipment Without Operator, Deduct</i>	-753.53	
		<i>For Each 1,000 Gallon Of Purchased Water, Add</i>	14.51	
01 22 23 00-1485	WK	2,000 Gallon Water Truck With Full-Time Driver	5,571.57	
		<i>For Equipment Without Operator, Deduct</i>	-3,767.64	
		<i>For Each 1,000 Gallon Of Purchased Water, Add</i>	14.51	



General Requirements			01
Price and Payment Procedures			01 20
Unit Prices			01 22

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-1486	MO		2,000 Gallon Water Truck With Full-Time Driver	20,588.90	
			For Equipment Without Operator, Deduct	-16,326.46	
			For Each 1,000 Gallon Of Purchased Water, Add	14.51	
			For >6 Months (>26 Weeks) , Deduct	-170.50	
01 22 23 00-1487	DAY		2,500 To 3,000 Gal Water Truck With Full-Time Operator	1,560.35	
			For Equipment Without Operator, Deduct	-753.53	
			For Each 1,000 Gallon Of Purchased Water, Add	14.51	
01 22 23 00-1488	WK		2,500 To 3,000 Gal Water Truck With Full-Time Operator	6,416.44	
			For Equipment Without Operator, Deduct	-3,767.64	
			For Each 1,000 Gallon Of Purchased Water, Add	14.51	
01 22 23 00-1489	MO		2,500 To 3,000 Gal Water Truck With Full-Time Operator	22,925.63	
			For Equipment Without Operator, Deduct	-16,326.46	
			For Each 1,000 Gallon Of Purchased Water, Add	14.51	
			For >6 Months (>26 Weeks) , Deduct	-263.97	
01 22 23 00-1490	DAY		3,700 To 4,000 Gallon Water Truck With Full-Time Driver	1,773.47	
			For Equipment Without Operator, Deduct	-753.53	
			For Each 1,000 Gallon Of Purchased Water, Add	14.51	
01 22 23 00-1491	WK		3,700 To 4,000 Gallon Water Truck With Full-Time Driver	6,576.28	
			For Equipment Without Operator, Deduct	-3,767.64	
			For Each 1,000 Gallon Of Purchased Water, Add	14.51	
01 22 23 00-1492	MO		3,700 To 4,000 Gallon Water Truck With Full-Time Driver	23,176.81	
			For Equipment Without Operator, Deduct	-16,326.46	
			For Each 1,000 Gallon Of Purchased Water, Add	14.51	
			For >6 Months (>26 Weeks) , Deduct	-274.01	
01 22 23 00-1493			Asphalt Distribution Trucks (01 22 23 00-1418)		
01 22 23 00-1494	DAY		3,000 Gallon Asphalt Prime Coat Distribution Truck With Full-Time Truck Driver	2,116.07	
			For Equipment Without Operator, Deduct	-753.53	
01 22 23 00-1495	WK		3,000 Gallon Asphalt Prime Coat Distribution Truck With Full-Time Truck Driver	7,837.78	
			For Equipment Without Operator, Deduct	-3,767.64	
01 22 23 00-1496	MO		3,000 Gallon Asphalt Prime Coat Distribution Truck With Full-Time Truck Driver	28,358.82	
			For Equipment Without Operator, Deduct	-16,326.46	
			For >6 Months (>26 Weeks) , Deduct	-481.29	
01 22 23 00-1497			Traffic Control Truck With Mounted Impact Attenuators/Crash Cushions And Arrow Board (01 22 23 00-1418)		
01 22 23 00-1498	DAY		Traffic Control Truck With Mounted Impact Attenuator/Crash Cushion And Arrow Board With Full-Time Truck Driver	2,053.55	
			For Equipment Without Operator, Deduct	-749.04	
01 22 23 00-1499	WK		Traffic Control Truck With Mounted Impact Attenuator/Crash Cushion And Arrow Board With Full-Time Truck Driver	7,595.15	
			For Equipment Without Operator, Deduct	-3,745.19	
01 22 23 00-1500	MO		Traffic Control Truck With Mounted Impact Attenuator/Crash Cushion And Arrow Board With Full-Time Truck Driver	25,578.63	
			For Equipment Without Operator, Deduct	-16,229.15	
			For >6 Months (>26 Weeks) , Deduct	-373.98	
01 22 23 00-1501			Combination Jet/Vacuum Trucks (01 22 23 00-1418)		
01 22 23 00-1502	DAY		500 Gallon Water, 6 CY Debris, Combination Jet/Vacuum Truck With Full-Time Truck Driver	3,223.12	
			For Equipment Without Operator, Deduct	-753.53	
01 22 23 00-1503	WK		500 Gallon Water, 6 CY Debris, Combination Jet/Vacuum Truck With Full-Time Truck Driver	15,328.28	
			For Equipment Without Operator, Deduct	-3,767.64	
01 22 23 00-1504	DAY		1,000 Gallon Water, 10 CY Debris, Combination Jet/Vacuum Truck With Full-Time Truck Driver	3,654.05	
			For Equipment Without Operator, Deduct	-753.53	
01 22 23 00-1505	WK		1,000 Gallon Water, 10 CY Debris, Combination Jet/Vacuum Truck With Full-Time Truck Driver	17,835.16	
			For Equipment Without Operator, Deduct	-3,767.64	
01 22 23 00-1506	DAY		2,000 Gallon Water, 15 CY Debris, Combination Jet/Vacuum Truck With Full-Time Truck Driver	4,068.41	
			For Equipment Without Operator, Deduct	-753.53	
01 22 23 00-1507	WK		2,000 Gallon Water, 15 CY Debris, Combination Jet/Vacuum Truck With Full-Time Truck Driver	20,342.04	
			For Equipment Without Operator, Deduct	-3,767.64	
01 22 23 00-1508			Vacuum Sweeper Trucks For Bridge Decks (01 22 23 00-1418)		
01 22 23 00-1509	DAY		Vacuum Sweeper Truck, With Full-Time Truck Driver	2,222.40	
			For Equipment Without Operator, Deduct	-753.53	
01 22 23 00-1510	WK		Vacuum Sweeper Truck, With Full-Time Truck Driver	8,191.29	
			For Equipment Without Operator, Deduct	-3,767.64	
01 22 23 00-1511	MO		Vacuum Sweeper Truck, With Full-Time Truck Driver	29,380.26	
			For Equipment Without Operator, Deduct	-16,326.46	
			For >6 Months (>26 Weeks) , Deduct	-522.15	
01 22 23 00-1512			Straight/Box Trucks (01 22 23 00-1418)		
01 22 23 00-1513	DAY		18,000 LB Capacity, 24' Straight/Box Truck With Full-Time Truck Driver	879.13	
			Note: Includes 2,500 LB lift gate.		
			For Equipment Without Operator, Deduct	-753.53	
01 22 23 00-1514	WK		18,000 LB Capacity, 24' Straight/Box Truck With Full-Time Truck Driver	4,395.65	
			Note: Includes 2,500 LB lift gate.		
			For Equipment Without Operator, Deduct	-3,767.64	

10	01	General Requirements
	01 20	Price and Payment Procedures
	01 22	Unit Prices



MINOR CSI UOM DESCRIPTION				TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-1515	MO	18,000 LB Capacity, 24' Straight/Box Truck With Full-Time Truck Driver	18,180.28		
		Note: Includes 2,500 LB lift gate.			
		For Equipment Without Operator, Deduct		-16,326.46	
		For >6 Months (>26 Weeks) , Deduct		-74.15	
01 22 23 00-1516		Truck Mounted Accessories (01 22 23 00-1417)			
		Note: Includes delivery to job site and pick-up when complete.			
01 22 23 00-1517		Truck Mounted Arrow Boards (01 22 23 00-1516)			
01 22 23 00-1518	DAY	Truck Mounted Arrow Board	55.92		
01 22 23 00-1519	WK	Truck Mounted Arrow Board	222.39		
01 22 23 00-1520	MO	Truck Mounted Arrow Board	792.98		
		For >6 Months (>26 Weeks) , Deduct		-31.72	
01 22 23 00-1521		Trailers (01 22 23 00-1417)			
		Note: Includes delivery to job site and pick-up when complete.			
01 22 23 00-1522		Water Trailers With Pump (01 22 23 00-1521)			
01 22 23 00-1523	DAY	500 To 600 Gallon Water Trailer With Pump	175.06		
01 22 23 00-1524	WK	500 To 600 Gallon Water Trailer With Pump	449.08		
01 22 23 00-1525	MO	500 To 600 Gallon Water Trailer With Pump	1,202.62		
		For >6 Months (>26 Weeks) , Deduct		-48.10	
01 22 23 00-1526		Refrigerated Trailers (01 22 23 00-1521)			
		Note: Excludes electrical supply and connection			
01 22 23 00-1527	MO	8' x 40' Refrigerated Container Trailer	2,097.36		
		Note: Requires 460 volt, 3 phase electrical power connection. See CSI section 10 56 13 00-0000 for metal storage shelving, 26 05 00 00-0000 for electrical wiring.			
01 22 23 00-1528		Trailer Mounted Equipment (01 22 23 00-1417)			
01 22 23 00-1529		Trailer Mounted Under-Bridge Aerial Access Platform (01 22 23 00-1528)			
		Note: Includes full-time operator. Excludes truck.			
01 22 23 00-1530	DAY	Trailer Mounted Under-Bridge Aerial Access 32' With Full-Time Operator	2,900.67		
		For Equipment Without Operator, Deduct		-753.53	
01 22 23 00-1531	WK	Trailer Mounted Under-Bridge Aerial Access 32' With Full-Time Operator	10,209.05		
		For Equipment Without Operator, Deduct		-3,767.64	
01 22 23 00-1532	MO	Trailer Mounted Under-Bridge Aerial Access 32' With Full-Time Operator	34,219.28		
		For Equipment Without Operator, Deduct		-16,326.46	
		For >6 Months (>26 Weeks) , Deduct		-715.71	
01 22 23 00-1533	DAY	Trailer Mounted Under-Bridge Aerial Access 35' With Full-Time Operator	3,115.38		
		For Equipment Without Operator, Deduct		-753.53	
01 22 23 00-1534	WK	Trailer Mounted Under-Bridge Aerial Access 35' With Full-Time Operator	10,853.20		
		For Equipment Without Operator, Deduct		-3,767.64	
01 22 23 00-1535	MO	Trailer Mounted Under-Bridge Aerial Access 35' With Full-Time Operator	36,008.56		
		For Equipment Without Operator, Deduct		-16,326.46	
		For >6 Months (>26 Weeks) , Deduct		-787.28	
01 22 23 00-1536		Trailer Mounted Bridge Stripping Buggy (01 22 23 00-1528)			
01 22 23 00-1537	DAY	Trailer Mounted Bridge Overhang Stripping Buggy	243.64		
01 22 23 00-1538	WK	Trailer Mounted Bridge Overhang Stripping Buggy	730.96		
01 22 23 00-1539	MO	Trailer Mounted Bridge Overhang Stripping Buggy	2,030.36		
		For >6 Months (>26 Weeks) , Deduct		-81.21	
01 22 23 00-1540		Portable Trailer Mounted, CCTV Camera Systems (01 22 23 00-1528)			
		Note: Includes trailer. Excludes truck.			
01 22 23 00-1541	MO	Portable Trailer Mounted, Single Camera, CCTV Camera System	2,820.15		
		For >6 Months (>26 Weeks) , Deduct		-112.81	
01 22 23 00-1542	MO	Portable Trailer Mounted, Multi-Camera/Loud Speaker, CCTV Camera System	4,888.26		
		For >6 Months (>26 Weeks) , Deduct		-195.53	

01 30 Administrative Requirements (01)

01 35 Special Procedures (01 30)

01 35 13 Special Project Procedures (01 35)

01 35 13 19 Special Project Procedures for Healthcare Facilities (01 35 13)

Note: For specification publishing. Review specifications for requirements.

01 35 13 19-0001	NTE	Special Project Procedures for Healthcare Facilities	0.00
		Note: For specification publishing. Review specifications for requirements.	

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

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



General Requirements		01
Administrative Requirements		01 30
Special Procedures		01 35

MINOR CSI UOM DESCRIPTION		TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 35 29 00-0001	Emergency Response (01 35 29) See CSI section 01 22 20 00-0001 for labor services to load and unload shipping container, 01 22 20 00-0065 for security guards, 01 22 23 00-0000 for portable equipment usage (air compressors, generators, lighting, etc.), 01 52 13 00-0029 for container usage.		
01 35 29 00-0002	MI Trucking Delivery Of 20' Shipping Container	2.62	
01 35 29 00-0003	MI Trucking Delivery Of 40' Shipping Container	5.24	
01 35 33	Infection Control Procedures (01 35) See CSI section 02 87 19 00-0000 for Bio-Hazard And Infectious Disease Control Remediation.		
01 35 33 00-0001	Infection Control Consumable Materials (01 35 33)		
01 35 33 00-0002	EA N95 Rated Masks	4.22	
01 35 33 00-0003	Pair Black Nitrile Disposable Gloves	0.28	
01 35 33 00-0004	EA Disposable 3-Ply Face Masks (Blue)	0.63	
01 35 33 00-0005	WK Portable Hand Washing Station With 2 x Weekly Service	276.15	
01 35 33 00-0006	Infection Control Procedures (01 35 33) Note: Contractors entering and working on job sites may be required to take precautions to prevent the spread of infectious diseases. Those precautions will reduce the amount of productive time during a normal workday. The recommended allowances in this section are intended to provide for the loss of productive time by increasing labor costs. The estimator should be aware that one, many or none of these precautions apply to the line items in an estimate. Job site requirements and sound judgement must be applied. Labor Cost implications are based upon: Temperature checks - Once per day; Donning / Doffing Masks and Gloves - Four times per day (2 times each); Washing hands (additional over normal) - Eight times per day; Informational meetings - Once per day; Maintaining social distance - Throughout the day; Disinfecting tools or equipment - Throughout the day		
01 35 33 00-0007	NTE Infection Control Procedures	0.00	
	Note: For specification publishing. Review specifications for requirements.		
01 35 33 00-0008	Infection Prevention Inspection Reports (01 35 33)		
01 35 33 00-0009	HR Infection Prevention Inspection Reports	105.00	
01 40	Quality Requirements (01)		
01 41	Regulatory Requirements (01 40)		
01 41 26	Permit Requirements (01 41) See CSI section 01 22 16 00-0001 for reimbursable fees.		
01 42	References (01 40)		
01 42 13	Abbreviations and Acronyms (01 42) Note: For specification publishing. Review specifications for requirements.		
01 42 13 00-0001	NTE Abbreviations And Acronyms	0.00	
	Note: For specification publishing. Review specifications for requirements.		
01 42 16	Definitions (01 42) Note: For specification publishing. Review specifications for requirements.		
01 42 16 00-0001	NTE Definitions	0.00	
	Note: For specification publishing. Review specifications for requirements.		
01 42 19	Reference Standards (01 42) Note: For specification publishing. Review specifications for requirements.		
01 42 19 00-0001	NTE Reference Standards	0.00	
	Note: For specification publishing. Review specifications for requirements.		
01 42 21	Construction Suppliers or Venor List (01 42) Note: For specification publishing. Review specifications for requirements.		
01 42 21 00-0001	NTE Construction Suppliers or Venor List	0.00	
	Note: For specification publishing. Review specifications for requirements.		
01 45	Quality Control (01 40) Note: Refer to section specifications for testing included with other sections.		
01 45 23	Testing and Inspecting Services (01 45) Note: For application to existing materials/site conditions or additional testing over specifications stated tests. Includes acquisition and maintenance of sample (for laboratory tests) to include shipping as required, applicable equipment for field tests, and appropriate test reports.		
01 45 23 00-0001	Soils/Aggregate Testing (01 45 23)		
01 45 23 00-0002	Field Soils Tests (01 45 23 00-0001)		
01 45 23 00-0003	EA Plasticity Index Soils Test, ASTM D-4318, Field Soils Test	343.56	
01 45 23 00-0004	EA 4" Compaction Curves Soils Test, ASTM D-1557, Field Soils Test	487.63	
01 45 23 00-0005	EA 6" Compaction Curves Soils Test, ASTM D-1557, Field Soils Test	554.12	
01 45 23 00-0006	EA Resistance (R) Value Soils Test, CA 301, Field Soils Test	443.30	

01 General Requirements**01 40 Quality Requirements****01 45 Quality Control**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 45 23 00-0007 EA Soils Classification Test, ASTM D-2487, Field Soils Test.....	664.95	
01 45 23 00-0008 SET Cement Treated Base Laboratory Design, Soil Cement, Field Soils Test.....	1,329.47	
01 45 23 00-0009 EA Moisture Content, Field Soils Test.....	49.86	
01 45 23 00-0010 EA UBC Or Swell Test, Field Soils Test.....	132.99	
01 45 23 00-0011 EA Proctor Compaction 4" Standard Mold ASTM D698, Field Soils Test.....	332.37	
01 45 23 00-0012 EA Proctor Compaction 6" Standard Mold, Field Soils Test.....	415.46	
01 45 23 00-0013 EA Density And Classification Test, Field Soils Test.....	101.23	
01 45 23 00-0014 EA Percolation Test, Field Soils Test.....	253.08	
01 45 23 00-0015 EA Infiltration Test, Field Soils Test.....	506.16	
01 45 23 00-0016 Aggregate Testing (01 45 23 00-0001)		
01 45 23 00-0017 EA Coarse Aggregate Sieve Analysis Test, ASTM C-136, CA 202.....	110.82	
01 45 23 00-0018 EA Fine Aggregate Sieve Analysis Test, ASTM C-136, CA 202.....	199.48	
01 45 23 00-0019 EA Combined Aggregate Sieve Analysis Test, ASTM C-136, CA 202.....	277.06	
01 45 23 00-0020 EA Sieve Analysis, Pit Run, ASTM C136.....	164.50	
Note: Includes wash.		
01 45 23 00-0021 EA Specific Special Gravity, Course, ASTM C127.....	176.08	
Note: Includes absorption test.		
01 45 23 00-0022 EA Special Gravity, Fine, ASTM C127.....	157.87	
Note: Includes absorption test.		
01 45 23 00-0023 EA Coarse Aggregate Bulk SSD Specific Gravity Test, ASTM C-128.....	234.78	
01 45 23 00-0024 EA Fine Aggregate Bulk SSD Specific Gravity Test, ASTM C-128.....	221.65	
01 45 23 00-0025 EA Aggregate Cleanness Value, ASTM C-128, CA 227.....	221.65	
01 45 23 00-0026 EA Sand Equivalent, Average of 3 Tests, ASTM D2419, CA 217.....	166.24	
01 45 23 00-0027 EA Fine Aggregate Durability Index, CA 229.....	177.32	
01 45 23 00-0028 EA Sodium And Magnesium Soundness, ASTM C88.....	465.31	
01 45 23 00-0029 EA Los Angeles Rattler, ASTM C-131, CA 211.....	354.64	
01 45 23 00-0030 EA Los Angeles Rattler, ASTM C-535.....	354.64	
01 45 23 00-0031 EA Unit Weight Of Aggregates, ASTM C29.....	99.74	
01 45 23 00-0032 EA Organic Impurities In Sand, ASTM C40.....	99.71	
01 45 23 00-0033 EA Crushed Particle, ASTM California Test Method.....	99.71	
01 45 23 00-0034 EA Clay Lump And Friable Particles, ASTM C142.....	199.42	
01 45 23 00-0035 Permeability Tests (01 45 23 00-0001)		
01 45 23 00-0036 In-Place Tests (01 45 23 00-0035)		
01 45 23 00-0037 EA Double Ring Infiltrometer Test, ASTM D3385.....	1,760.85	
01 45 23 00-0038 EA Unconfined Compressive Strength (Pocket Penetrometer) Test.....	83.09	
01 45 23 00-0039 Lab Tests (01 45 23 00-0035)		
01 45 23 00-0040 EA Falling Head Rigid Wall Consolidometer Technique CAE.....	821.73	
01 45 23 00-0041 EA Falling Head Permeability Test EPA-9100.....	821.73	
01 45 23 00-0042 EA Constant Head Permeability Test For Granular Soils, ASTM D2432.....	469.56	
01 45 23 00-0043 Concrete/Cement/Asphalt Testing (01 45 23)		
01 45 23 00-0044 Concrete Testing (01 45 23 00-0043)		
01 45 23 00-0045 EA Prepare 6 x 12 Concrete Cylinder And Deliver To Lab.....	24.77	
01 45 23 00-0046 EA 6 x 12 Cylinder Concrete Compression Test, ASTM C-39 Or ASTM D1633.....	70.43	
01 45 23 00-0047 EA Concrete Cores Compression Test, ASTM C-42.....	144.07	
01 45 23 00-0048 EA 6 x 6 x 18 Concrete Flexural Test, ASTM C-78.....	210.57	
01 45 23 00-0049 EA Unit Weight Of Concrete Cylinder, ASTM C-567.....	77.58	
01 45 23 00-0050 EA Concrete Mix Design Review.....	421.14	
01 45 23 00-0051 EA Trial Concrete Batch Prepared In Laboratory.....	997.42	
01 45 23 00-0052 EA Concrete Shrinkage, ASTM C-157 Modified.....	775.78	
01 45 23 00-0053 EA 6 x 12 Concrete Cylinder Splitting Tensile Test, ASTM C-496.....	119.69	
01 45 23 00-0054 EA Concrete Slump Test, ASTM C143.....	55.41	
01 45 23 00-0055 EA Concrete Air Content Test, ASTM C138, ASTM C173, Or ASTM C231.....	55.41	
01 45 23 00-0056 Cement Testing (01 45 23 00-0043)		
01 45 23 00-0057 EA Cement Grab Sample (CCR Title 24).....	55.41	
Note: Includes sealing and storing 1 year.		
01 45 23 00-0058 EA 2" x 2" x 2" Cube Compression Test, All Type Materials.....	88.66	
01 45 23 00-0059 Asphaltic Concrete Testing (01 45 23 00-0043)		
01 45 23 00-0060 EA Hveem Asphaltic Concrete Stability Test, CA 366.....	110.82	
01 45 23 00-0061 EA Marshall Asphaltic Concrete Stability Test (3 Specimens), ASTM D-6926/6927.....	288.14	
01 45 23 00-0062 EA Stability Tests, Premixed, ASTM D1559.....	110.82	
01 45 23 00-0063 EA Stability Tests, Lab. Mixed, ASTM D1559.....	288.14	
01 45 23 00-0064 EA Swell Test, CA 305.....	132.99	
Note: Includes compaction.		
01 45 23 00-0065 EA % Asphalt Extraction Test, ASTM D-2172 B.....	332.48	
01 45 23 00-0066 EA Gradation On Extracted Sample, ASTM D-5444.....	221.65	
01 45 23 00-0067 EA Maximum Theoretical Unit Weight, ASTM C2041.....	211.30	
01 45 23 00-0068 EA Unit Weight Sample Requiring Compaction, California Test Method 308.....	44.33	



General Requirements			01
Quality Requirements			01 40
Quality Control			01 45

MINOR CSI UOM DESCRIPTION			TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 45 23 00-0069	EA	Asphalt Unit Weight On Core Test, CA 308C	44.33	
01 45 23 00-0070	HR	Nuclear Field Density Testing, 4 Hour Minimum.....	228.30	
01 45 23 00-0071	EA	Asphalt Film Stripping Test, CTM 302/AASHTO T182/ASTM D1664	113.89	
01 45 23 00-0072	EA	Penetration, ASTM D5.....	160.10	
01 45 23 00-0073	Masonry/Concrete Block/Tile Testing (01 45 23)			
01 45 23 00-0074	Masonry Testing (01 45 23 00-0073)			
01 45 23 00-0075	EA	2" x 4" Cylinder Mortar Compression Test.....	73.14	
01 45 23 00-0076	EA	4" x 4" x 8" Grout Prisms Compression Test	73.14	
01 45 23 00-0077	EA	Masonry Cores Compression Test	144.07	
01 45 23 00-0078	EA	Composite Grouted Prism Compression Test.....	277.06	
01 45 23 00-0079	Concrete Block Testing (ASTM C140 Or CMA Per Specimen) (01 45 23 00-0073)			
01 45 23 00-0080	EA	Up To 8" x 8" x 16" Concrete Block Compression Test, ASTM C-140.....	177.32	
01 45 23 00-0081	EA	Absorption Test, Moisture Content And Unit Weight.....	121.91	
01 45 23 00-0082	EA	First Unit, Moisture Condition By Relative Humidity, ASTM C427	465.31	
01 45 23 00-0083	EA	Moisture Condition By Relative Humidity, ASTM C427, Additional Unit	232.66	
01 45 23 00-0084	Metals Testing (01 45 23)			
01 45 23 00-0085	Tank Tightness Testing (01 45 23 00-0084)			
01 45 23 00-0086	GAL	Up To 20 Gallon, Hydrostatic Pressure Testing Of Air Receiving Tanks	7.80	
01 45 23 00-0087	GAL	>20 To 120 Gallon, Hydrostatic Pressure Testing Of Air Receiving Tanks	6.69	
01 45 23 00-0088	EA	Up To 12,000 Gallons, Tank Volumetric Tightness Testing.....	2,006.82	
01 45 23 00-0089	EA	>12,000 To 29,999 Gallons, Tank Volumetric Tightness Testing	2,451.99	
01 45 23 00-0090	EA	>29,999 Gallons, Tank Volumetric Tightness Testing	3,122.72	
01 45 23 00-0091	Tank Line Tightness Testing (01 45 23 00-0084)			
01 45 23 00-0092	EA	Up To 12,000 Gallons, Tank Line Volumetric Tightness Testing	423.45	
01 45 23 00-0093	EA	>12,000 To 29,999 Gallons, Tank Line Volumetric Tightness Testing.....	470.20	
01 45 23 00-0094	EA	>29,999 Gallons, Tank Line Volumetric Tightness Testing.....	516.78	
01 45 23 00-0095	Other Testing (01 45 23)			
01 45 23 00-0096	Special Testing (01 45 23 00-0095)			
01 45 23 00-0097	EA	Asphalt Roofing Cut-out Samples, To Determine Unit Weight.....	166.18	
01 45 23 00-0098	EA	Complete Built-Up Roof Analysis, ASTM D2829 Or ASTM D3617	997.10	
01 45 23 00-0099	EA	Bacteria Test (Total Coliform Bacteria And E. Coli Bacteria).....	51.80	
01 45 23 00-0100	EA	Testing For The Presence Of Polychlorinated Biphenyl (PCB) In Caulk, Analysis Per Sample.....	214.85	
01 45 23 00-0101	EA	Testing For The Presence Of Polychlorinated Biphenyl (PCB) In Soil, Analysis Per Sample.....	214.85	
01 45 23 00-0102	EA	Testing For The Presence Of Polychlorinated Biphenyl (PCB) Using Wipe Sampling, Analysis Per Sample.....	214.85	
01 45 23 00-0103	EA	Testing For The Presence Of Polychlorinated Biphenyl (PCB) In Air, Analysis Per Sample	1,181.68	
01 45 23 00-0104	EA	Testing And Certification Of Backflow Valves	520.77	
01 45 23 00-0105	Non-destructive Field Testing Services (01 45 23 00-0095)			
01 45 23 00-0106	Infrared Thermography (01 45 23 00-0105)			
Note: The following tasks use certified infrared (IR) thermographers, such as Stockton Infrared Thermographic Services, Inc. and United Infrared, Inc., to scan for specific problems and produce a report on the findings. The contractor is entitled to the mobilization charge and the appropriate square foot or hourly task.				
01 45 23 00-0107	Roof Investigation And Moisture Survey Using Infrared Thermography (01 45 23 00-0106)			
Note: For on the roof surveys.				
01 45 23 00-0108	EA	Roof Investigation And Moisture Survey Using Infrared Thermography, Mobilization Charge.....	3,867.30	
01 45 23 00-0109	CSF	Up To 10,000 SF, Roof Investigation And Moisture Survey Using Infrared Thermography	6.45	
		For CADD Drawings, Add	1.29	
01 45 23 00-0110	CSF	>10,000 To 50,000 SF, Roof Investigation And Moisture Survey Using Infrared Thermography.....	4.30	
		For CADD Drawings, Add	0.86	
01 45 23 00-0111	CSF	>50,000 To 250,000 SF, Roof Investigation And Moisture Survey Using Infrared Thermography.....	3.22	
		For CADD Drawings, Add	0.64	
		For Elevated Infrared Thermography Roof Investigation, Add	0.81	
		For Aerial Infrared Thermography Roof Investigation, Add	0.81	
01 45 23 00-0112	CSF	>250,000 SF, Roof Investigation And Moisture Survey Using Infrared Thermography.....	2.15	
		For CADD Drawings, Add	0.43	
		For Elevated Infrared Thermography Roof Investigation, Add	0.54	
		For Aerial Infrared Thermography Roof Investigation, Add	0.54	
01 45 23 00-0113	Building Moisture Investigation Using Infrared Thermography (01 45 23 00-0106)			
Note: For finding moisture in walls and windows.				
01 45 23 00-0114	EA	Building Moisture Investigation Using Infrared Thermography, Mobilization Charge	2,041.08	
01 45 23 00-0115	CSF	Up To 1,000 SF, Building Moisture Investigation Using Infrared Thermography	6.45	
		For Digital Or Analog Recording Of All Items, Add	3.23	
01 45 23 00-0116	CSF	>1,000 To 5,000 SF, Building Moisture Investigation Using Infrared Thermography.....	4.30	
		For Digital Or Analog Recording Of All Items, Add	2.15	

01 General Requirements**01 40 Quality Requirements****01 45 Quality Control**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

01 45 23 00-0117 CSF >5,000 SF, Building Moisture Investigation Using Infrared Thermography 2.15
For Digital Or Analog Recording Of All Items, Add 1.08

01 45 23 00-0118 General Building Investigation Using Infrared Thermography (01 45 23 00-0106)

Note: For finding missing or misplaced insulation, air leakage and delamination.

01 45 23 00-0119 EA General Building Investigation Using Infrared Thermography, Mobilization Charge 4,189.58
01 45 23 00-0120 CSF Up To 1,000 SF, General Building Investigation Using Infrared Thermography 6.45
For Digital Or Analog Recording Of All Items, Add 3.23
01 45 23 00-0121 CSF >1,000 To 5,000 SF, General Building Investigation Using Infrared Thermography 4.30
For Digital Or Analog Recording Of All Items, Add 2.15
01 45 23 00-0122 CSF >5,000 SF, General Building Investigation Using Infrared Thermography 2.15
For Digital Or Analog Recording Of All Items, Add 1.08

01 45 23 00-0123 Electrical /Mechanical Equipment Scanning Using Infrared Thermography (01 45 23 00-0106)

Note: For diagnosing electrical issues such as loose connections, overloaded or imbalanced circuits, faulty breakers, damaged switches, faulty fuses, etc. For diagnosing electrical issues caused by resistance and mechanical issues caused by friction.

01 45 23 00-0124 EA Electrical /Mechanical Equipment Scanning Using Infrared Thermography, Mobilization Charge 2,041.08
01 45 23 00-0125 HR Electrical /Mechanical Equipment Scanning Using Infrared Thermography 218.93
For Digital Or Analog Recording Of All Items, Add 32.77

01 45 23 00-0126 Concrete Block Wall Investigation Using Infrared Thermography (01 45 23 00-0106)

Note: For investigating issues with grouted cells, bond beams and other structural components in concrete block walls.

01 45 23 00-0127 EA Concrete Block Wall Investigation Using Infrared Thermography, Mobilization Charge 2,041.08
01 45 23 00-0128 CSF Up To 50,000 SF, Concrete Block Wall Investigation Using Infrared Thermography 6.45
For Digital Or Analog Recording Of All Items, Add 0.97
01 45 23 00-0129 CSF >50,000 SF, Concrete Block Wall Investigation Using Infrared Thermography 4.30
For Digital Or Analog Recording Of All Items, Add 0.65

01 45 23 00-0130 Other Non-destructive Field Testing Services (01 45 23 00-0105)

01 45 23 00-0131 HR ASNT Certified Level I NDT Consultant 73.25
01 45 23 00-0132 HR ASNT Certified Level II NDT Consultant 81.68
01 45 23 00-0133 HR ASNT Certified Level III NDT Consultant 94.98
01 45 23 00-0134 HR Certified Industrial Radiography Radiation Safety Personnel 113.95

01 45 29 Testing Laboratory Services (01 45)

Note: For application to existing materials/site conditions or additional testing over specifications stated tests.

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

01 45 29 00-0002 EA Atterberg Limits - Liquid Limits (LL) And Plastic Limits (PL), T89, T90, ASTM D4318, Soil Borings Laboratory Test 152.61
01 45 29 00-0003 EA Shrinkage Limit, Soil Borings Laboratory Test 48.69
01 45 29 00-0004 EA Unconfined Compressive Strength of Cohesive Soils, Soil Borings Laboratory Test 117.39
01 45 29 00-0005 EA Consolidation, Soil Borings Laboratory Test 821.73
01 45 29 00-0006 EA Swell Test, Soil Borings Laboratory Test 128.83
01 45 29 00-0007 EA In Place Density, Soil Borings Laboratory Test 35.22
01 45 29 00-0008 EA Moisture Content, ASTM D2216, Soil Borings Laboratory Test 21.88
01 45 29 00-0009 EA Hydrometer Analysis, Soil Borings Laboratory Test 282.46
01 45 29 00-0010 EA Specific Gravity, ASTM D854, Soil Borings Laboratory Test 98.48
01 45 29 00-0011 EA Partial Sieve Analysis, Soil Borings Laboratory Test 19.48
01 45 29 00-0012 EA Laboratory Permeability, Soil Borings Laboratory Test 973.77
01 45 29 00-0013 EA Sieve Analysis, ASTM D422, Soil Borings Laboratory Test 196.96
01 45 29 00-0014 EA Sulfate Soundness, Soil Borings Laboratory Test 243.44
01 45 29 00-0015 EA Los Angeles Abrasion, Soil Borings Laboratory Test 450.63
01 45 29 00-0016 EA Soil Bearing Ratio, ASTM D1883 498.71
01 45 29 00-0017 EA Compaction Test Subgrade, Soil Borings Laboratory Test 146.07
01 45 29 00-0018 EA Compaction Test Base Course, Soil Borings Laboratory Test 162.29
01 45 29 00-0019 EA In Place Density And Water Content Test By Nuclear Methods, ASTM D6938, Soil Borings Laboratory Test 348.32
01 45 29 00-0020 EA Field Density Sand Cone, AASHTO T-191, ASTM D1556, Soil Borings Laboratory Test 74.66

01 50 Temporary Facilities and Controls (01)

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

01 51 Temporary Utilities (01 50)**01 51 13 Temporary Electricity (01 51)****01 51 13 00-0001 Temporary Power Pole Rentals (01 51 13)**

Note: Includes installation in ground and removal after use.

01 51 13 00-0002 MON 17' To 35' Temporary Wood Power Pole Rental For 100 Amperes Service 90.93
01 51 13 00-0003 MON 17' To 35' Temporary Wood Power Pole Rental For 200 Amperes Service 109.11
01 51 13 00-0004 EA Power Installation For 100 Amperes Service 909.26
Note: One time fee
01 51 13 00-0005 EA Power Installation For 200 Amperes Service 1,091.11
Note: One time fee



General Requirements			01
Temporary Facilities and Controls			01 50
Temporary Utilities			01 51

MINOR		TOTAL DIRECT		DEMOLITION
CSI UOM DESCRIPTION		UNIT COST		UNIT COST
01 51 13 00-0006	Temporary Service Switch And/or Building Feeder Switch (01 51 13) Note: Includes all connections and removal after use.			
01 51 13 00-0007	EA Temporary 100 Amperes, NEMA 1 Or 3R, Disconnect Switch With Fuses	1,564.95		
01 51 13 00-0008	EA Temporary 200 Amperes, NEMA 1 Or 3R, Disconnect Switch With Fuses	2,427.63		
01 51 13 00-0009	EA Temporary 400 Amperes, 240 Volt, NEMA 3R, Disconnect Switch With Fuses	4,454.09		
01 51 13 00-0010	EA Temporary 600 Amperes, 240 Volt, NEMA 3R, Disconnect Switch With Fuses	7,326.35		
01 51 13 00-0011	Temporary 120/208 Volt Main Lug Panelboard Complete With Branch Fuses (01 51 13) Note: Includes mounting on wall and removal after use.			
01 51 13 00-0012	EA Temporary 100 Amperes, Panelboard Complete With GFCI Circuit Breakers.....	1,624.91		
01 51 13 00-0013	EA Temporary 200 Amperes, Panelboard Complete With GFCI Circuit Breakers.....	2,267.75		
01 51 13 00-0014	EA Temporary 400 Amperes, Panelboard Complete With GFCI Circuit Breakers.....	3,548.47		
01 51 13 00-0015	EA Temporary 600 Amperes, Panelboard Complete With GFCI Circuit Breakers.....	5,042.68		
01 51 13 00-0016	Temporary Conduit And Cable For Temporary Disconnect Switches And Temporary Panelboards (01 51 13) Note: Includes all connections, fittings, supports and removal after use.			
01 51 13 00-0017	LF Temporary SER Cable (Conduit As Required) For Temporary Disconnect Switches And Temporary Panelboards	11.83		
01 51 13 00-0018	LF Temporary Branch Circuit Conduit And Wiring For Temporary Disconnect Switches And Temporary Panelboards	12.96		
01 51 26	Temporary Lighting (01 51)			
01 51 26 00-0001	Temporary Lighting Devices (01 51 26) Note: Includes removal after use.			
01 51 26 00-0002	EA Temporary Exit Light.....	296.50		
01 51 26 00-0003	EA Temporary 10 Light String With Cages.....	107.76		
01 51 26 00-0004	EA Temporary High Bay Light.....	405.97		
01 52	Construction Facilities (01 50) Note: Tasks in this section shall be used as directed by owner for owner's use. See CSI section 13 34 23 13-0030 for anchors for holding down portable buildings and structures where required.			
01 52 13	Field Offices and Sheds (01 52)			
01 52 13 00-0001	Field Offices and Office Trailers (01 52 13) Note: Excludes furniture, utility connections and service. Minimum 6 months rental. See CSI section 01 52 13 00-0015 for furniture, skirting, and steps.			
01 52 13 00-0002	MO 8' x 24' Mobile Office, With Toilet.....	188.83		
	For Each Delivery And Removal, Two Round Trips, Add	1,182.38		
	For Each Set-Up (Block And Level), Add	440.31		
	For Each Anchoring Into Dirt, Add	134.27		
	For Each Anchoring Into Asphalt Or Concrete, Add	201.40		
	For Office Trailer Without Toilet, Deduct	-37.77		
01 52 13 00-0003	MO 8' x 32' Mobile Office, With Toilet.....	214.01		
	For Each Delivery And Removal, Two Round Trips, Add	1,182.38		
	For Each Set-Up (Block And Level), Add	440.31		
	For Each Anchoring Into Dirt, Add	134.27		
	For Each Anchoring Into Asphalt Or Concrete, Add	201.40		
	For Office Trailer Without Toilet, Deduct	-42.80		
01 52 13 00-0004	MO 10' x 36' Mobile Office, With Toilet.....	289.54		
	For Each Delivery And Removal, Two Round Trips, Add	1,773.57		
	For Each Set-Up (Block And Level), Add	718.39		
	For Each Anchoring Into Dirt, Add	134.27		
	For Each Anchoring Into Asphalt Or Concrete, Add	201.40		
	For Office Trailer Without Toilet, Deduct	-57.91		
01 52 13 00-0005	MO 10' x 40' Mobile Office, With Toilet.....	308.43		
	For Each Delivery And Removal, Two Round Trips, Add	1,773.57		
	For Each Set-Up (Block And Level), Add	718.39		
	For Each Anchoring Into Dirt, Add	134.27		
	For Each Anchoring Into Asphalt Or Concrete, Add	201.40		
	For Office Trailer Without Toilet, Deduct	-61.69		
01 52 13 00-0006	MO 10' x 44' Mobile Office, With Toilet.....	339.90		
	For Each Delivery And Removal, Two Round Trips, Add	1,773.57		
	For Each Set-Up (Block And Level), Add	718.39		
	For Each Anchoring Into Dirt, Add	134.27		
	For Each Anchoring Into Asphalt Or Concrete, Add	201.40		
01 52 13 00-0007	MO 10' x 50' Mobile Office, With Toilet.....	358.78		
	For Each Delivery And Removal, Two Round Trips, Add	1,773.57		
	For Each Set-Up (Block And Level), Add	718.39		
	For Each Anchoring Into Dirt, Add	134.27		
	For Each Anchoring Into Asphalt Or Concrete, Add	201.40		
01 52 13 00-0008	MO 12' x 32' Mobile Office, With Toilet.....	277.58		
	For Each Delivery And Removal, Two Round Trips, Add	1,773.57		
	For Each Set-Up (Block And Level), Add	718.39		
	For Each Anchoring Into Dirt, Add	134.27		
	For Each Anchoring Into Asphalt Or Concrete, Add	201.40		
	For Each Delivery And Removal, Two Round Trips, Add	753.44		
	For Each Set-Up (Block And Level), Add	579.35		

01	General Requirements
01 50	Temporary Facilities and Controls
01 52	Construction Facilities



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 52 13 00-0009	MO	12' x 44' Mobile Office, With Toilet	.....	371.12	
		For Each Delivery And Removal, Two Round Trips, Add	.....	1,773.57	
		For Each Set-Up (Block And Level), Add	.....	718.39	
		For Each Anchoring Into Dirt, Add	.....	134.27	
		For Each Anchoring Into Asphalt Or Concrete, Add	.....	201.40	
01 52 13 00-0010	MO	12' x 50' Mobile Office, With Toilet	.....	421.72	
		For Each Delivery And Removal, Two Round Trips, Add	.....	1,773.57	
		For Each Set-Up (Block And Level), Add	.....	718.39	
		For Each Anchoring Into Dirt, Add	.....	134.27	
		For Each Anchoring Into Asphalt Or Concrete, Add	.....	201.40	
01 52 13 00-0011	MO	12' x 60' Mobile Office, With Toilet	.....	459.49	
		For Each Delivery And Removal, Two Round Trips, Add	.....	1,773.57	
		For Each Set-Up (Block And Level), Add	.....	718.39	
		For Each Anchoring Into Dirt, Add	.....	134.27	
		For Each Anchoring Into Asphalt Or Concrete, Add	.....	201.40	
01 52 13 00-0012	MO	24' x 60' Modular Office, With Toilet	.....	1,007.10	
		For Each Delivery And Removal, Two Round Trips, Add	.....	3,547.14	
		For Each Set-Up (Block And Level), Add	.....	1,158.70	
		For Each Anchoring Into Dirt, Add	.....	134.27	
		For Each Anchoring Into Asphalt Or Concrete, Add	.....	201.40	
01 52 13 00-0013	MO	24' x 72' Modular Office, With Toilet	.....	1,208.52	
		For Each Delivery And Removal, Two Round Trips, Add	.....	3,547.14	
		For Each Set-Up (Block And Level), Add	.....	1,158.70	
		For Each Anchoring Into Dirt, Add	.....	134.27	
		For Each Anchoring Into Asphalt Or Concrete, Add	.....	201.40	
01 52 13 00-0014	MO	30' x 30' Modular Office, With Toilet	.....	574.36	
		For Each Delivery And Removal, Two Round Trips, Add	.....	3,547.14	
		For Each Set-Up (Block And Level), Add	.....	1,158.70	
		For Each Anchoring Into Dirt, Add	.....	134.27	
		For Each Anchoring Into Asphalt Or Concrete, Add	.....	201.40	
01 52 13 00-0015		Accessories For Field Office Trailers (01 52 13)			
		Note: Costs includes installation or placement in trailer.			
01 52 13 00-0016	MO	Desk For Field Office Trailer	.....	57.18	
01 52 13 00-0017	MO	Rolling Desk Chair For Field Office Trailer	.....	35.74	
01 52 13 00-0018	MO	File Cabinet For Field Office Trailer	.....	42.88	
01 52 13 00-0019	MO	Table For Field Office Trailer	.....	28.59	
01 52 13 00-0020	MO	Folding Chair For Field Office Trailer	.....	13.54	
01 52 13 00-0021	EA	Phone Hook-Up For Field Office Trailer	.....	157.24	
01 52 13 00-0022	MO	Local Phone Service Per Phone Line For Field Office Trailer	.....	100.06	
01 52 13 00-0023	MO	Security System With Monitoring For Field Office Trailer	.....	180.17	
01 52 13 00-0024	LF	Perimeter Trailer Vinyl Skirting For Field Office Trailer	.....	16.12	
01 52 13 00-0025	LF	Insulated Perimeter Trailer Vinyl Skirting For Field Office Trailer	.....	38.17	
01 52 13 00-0026	MO	Fax Machine For Field Office Trailer	.....	71.47	
01 52 13 00-0027	MO	Copier For Field Office Trailer	.....	114.36	
01 52 13 00-0028	MO	Steps For Field Office Trailer	.....	47.00	
01 52 13 00-0029		Storage Containers (01 52 13)			
01 52 13 00-0030	MO	8' x 8' x 10' Storage Container	.....	209.52	
		For Each Delivery And Removal, Two Round Trips, Add	.....	146.37	
		For >12 Months, Deduct	.....	-62.86	
01 52 13 00-0031	MO	8' x 8' x 20' Storage Container	.....	219.04	
		For Each Delivery And Removal, Two Round Trips, Add	.....	161.00	
		For >12 Months, Deduct	.....	-65.71	
01 52 13 00-0032	MO	8' x 8' x 40' Storage Container	.....	259.04	
		For Each Delivery And Removal, Two Round Trips, Add	.....	324.26	
		For >12 Months, Deduct	.....	-77.71	
01 52 19		Sanitary Facilities (01 52)			
01 52 19 00-0001		Portable Toilets (01 52 19)			
		Note: Includes set-up, servicing once per week (unless task states otherwise) and removal.			
01 52 19 00-0002	WK	Portable Chemical Toilet	.....	70.82	
		For Each Additional Servicing Per Unit Per Week, Add	.....	25.00	
		For Each Delivery And Set-up, Add	.....	42.49	
01 52 19 00-0003	MO	Portable Chemical Toilet	.....	212.45	
		For Each Additional Servicing Per Unit Per Week, Add	.....	25.00	
		For Each Delivery And Set-up, Add	.....	42.49	
01 52 19 00-0004	WK	Americans With Disabilities Act Compliant Portable Chemical Toilet	.....	84.47	
		For Each Additional Servicing Per Unit Per Week, Add	.....	25.00	
		For Each Delivery And Set-up, Add	.....	42.49	
01 52 19 00-0005	MO	Americans With Disabilities Act Compliant Portable Chemical Toilet	.....	247.86	
		For Each Additional Servicing Per Unit Per Week, Add	.....	25.00	
		For Each Delivery And Set-up, Add	.....	42.49	
01 52 19 00-0006	WK	Two Station Portable Handwash	.....	54.79	
		For Each Delivery And Set-up, Add	.....	42.49	
01 52 19 00-0007	MO	Two Station Portable Handwash	.....	166.19	
		For Each Delivery And Set-up, Add	.....	42.49	
01 52 19 00-0008	WK	Four Station Portable Handwash	.....	64.46	
		For Each Delivery And Set-up, Add	.....	42.49	
01 52 19 00-0009	MO	Four Station Portable Handwash	.....	195.51	
		For Each Delivery And Set-up, Add	.....	42.49	



General Requirements			01
Temporary Facilities and Controls			01 50
Construction Facilities			01 52

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 52 19 00-0010 MO 6 Station, Portable Toilets, Multi Trailer Note: Includes women's room (3 toilets, 2 sinks) and men's room (1 toilet, 1 urinal and 1 sink). Excludes servicing. For Each Delivery, Set-up And Removal, Two Round Trips, Add	4,685.40 1,199.81	
01 52 19 00-0011 WK Service 6 Station Trailer Restrooms, 3 Times Per Week For One Additional Service Per Week, Add Note: For one less service per week, UOM to be negative one (-1)	2,044.02 681.34	
01 52 19 00-0012 MO 34' Length, ADA Restroom Trailer With 950 Gal Waste Tank Note: Includes women's: 3 toilets, 2 sinks; men's: 1 toilet, 2 urinals, 2 sinks; ADA: 1 toilet, 1 sink. Requires 3/4" water source, and four 20 amperes/110 voltage dedicated circuits. For Delivery, Setup, Removal, Add Once For Weekly Service Of Toilet Trailer, Add Per Month	5,839.75 861.61 873.90	

01 53 Temporary Construction (01 50)

01 53 16 Temporary Decking (01 53)

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

Note: Includes removal after use.		
01 53 16 00-0002 SF Temporary Wood Walkway, 3/4" Plywood On 2 x 6 Stringers	7.73	
01 53 16 00-0003 LF Temporary Wooden Guardrail, 42" High, Posts, Handrail, And Intermediate Rail	31.21	
01 53 16 00-0004 LF Temporary Wood Guardrail Base, 12" x 12" Timber Beam	14.90	
01 53 16 00-0005 RSR Temporary Wood Stairs, Tread And Riser On 2" x 12" Stringers.....	25.42	

01 53 23 Temporary Ramps (01 53)

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

Note: Includes removal after use.		
01 53 23 00-0002 SF Temporary Plywood For Wheel Barrow Access.....	1.50	0.47

01 54 Construction Aids (01 50)

01 54 09 Personnel Protection Equipment (01 54)

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

Note: Personnel Protection Equipment (PPE) for workers safety is considered as part of the Contractor's and Workers responsibility. Includes, but are not limited to: protective work gloves, hearing protection, protective clothing, reflective vests, safety glasses or face shields, dust masks, hard hats, appropriate foot protection (slip resistant, puncture-resistant soles, safety-toed), safety harnesses with lifeline, etc. Review JOC Note and specifications for requirements.		
01 54 09 00-0002 NTE Personnel Protection Equipment	0.00	
Note: For specification publishing. Review specifications for requirements.		

01 54 23 Temporary Scaffolding And Platforms (01 54)

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

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

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

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

01 54 23 00-0003 CCF Scaffolding With Bracing Accessories - Area Based On 5' Wide Sections (CCF / Month).....	29.33	
For Up To 25, Add	11.73	
For >25 To 50, Add	7.33	
For >50 To 150, Add	2.93	
01 54 23 00-0004 CCF Scaffolding With Bracing Accessories - Area Based On 4' Wide Sections (CCF / Month).....	32.98	
For Up To 25, Add	13.19	
For >25 To 50, Add	8.25	
For >50 To 150, Add	3.30	
01 54 23 00-0005 CCF Scaffolding With Bracing Accessories - Area Based On 3' Wide Sections (CCF / Month).....	43.99	
For Up To 25, Add	17.60	
For >25 To 50, Add	11.00	
For >50 To 150, Add	4.40	

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

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

01 54 23 00-0007 CCF Up To 20' Height Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories	45.05	
01 54 23 00-0008 CCF >20' To 40' Height Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories	59.07	
01 54 23 00-0009 CCF >40' To 60' Height Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories	78.83	
01 54 23 00-0010 CCF >60' To 80' Height Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories	86.72	
01 54 23 00-0011 CCF >80' Height Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories.....	99.86	
01 54 23 00-0012 CCF Up To 20' Height Scaffolding Initial Erection And Final Dismantling Set Up On Stairs, Per CCF Of Scaffolding And Accessories	63.07	

01	General Requirements
01 50	Temporary Facilities and Controls
01 54	Construction Aids



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

01 54 23 00-0013	Heavy Duty Masonry Scaffolding Rental - Rental Only (01 54 23 00-0001)		
	Note: Monthly rental of actual scaffolding volume rented. For projects over 2 stories. Scaffolding is complete with bracing, 2" thick x 12" wide scaffolding planks, scaffolding stairs (where necessary in lieu of planks), standard accessories, base leveling devices, mud sills, climbing ladders and landings, brackets, clamps, flat plate, connectors and building ties, etc. See CSI section 01 54 23 00-0019 for erection.		
01 54 23 00-0014	CCF Heavy Duty Masonry Scaffolding With Bracing Accessories - Area Based On 4' Wide Sections (CCF / Month)	68.38	
01 54 23 00-0015	CCF Heavy Duty Masonry Scaffolding With Bracing Accessories - Area Based On 2' Wide Sections (CCF / Month)	125.37	
01 54 23 00-0016	LF Aluminum Joists (LF / Month)	11.12	
01 54 23 00-0017	LF Aluminum Stringers (LF / Month)	15.94	
01 54 23 00-0018	EA Screw Jack With U-Plate For Stringers (EA / Month)	20.09	
01 54 23 00-0019	Heavy Duty Masonry Scaffolding Erection And Dismantling - Labor Only (01 54 23 00-0001)		
	Note: Includes both initial erection and final dismantling. Excludes lifting equipment. The unit of measure is the volume of scaffolding erected. See CSI section 01 54 23 00-0013 for scaffolding rental.		
01 54 23 00-0020	CCF Up To 20' Height Heavy Duty Masonry Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories	84.09	
01 54 23 00-0021	CCF >20' To 40' Height Heavy Duty Masonry Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories	105.11	
01 54 23 00-0022	CCF >40' To 60' Height Heavy Duty Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories	126.14	
01 54 23 00-0023	CCF >60' To 80' Height Heavy Duty Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories	136.65	
01 54 23 00-0024	CCF >80' Height Heavy Duty Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories	152.42	
01 54 23 00-0025	Scaffolding Accessories (01 54 23 00-0001)		
	See CSI section 01 54 23 00-0019 for erection.		
01 54 23 00-0026	CSF Netting for Exterior Building Scaffolding	40.25	
	Note: Includes removal after use.		
01 54 23 00-0027	Mobile Mast Climbing Scaffolding (01 54 23 00-0001)		
	Note: Per month.		
01 54 23 00-0028	Fraco FRSM ACT Solution Single Mast, Mast Climbing Scaffolding Per Month (01 54 23 00-0027)		
01 54 23 00-0029	MO Single Mast Climber, 175' High Mast x 35' Wide Platform	3,300.00	
01 54 23 00-0030	EA Delivery/Pick-up Fee For Single Mast Climber	2,400.00	
	Note: Excludes erection or dismantle.		
01 54 23 00-0031	EA Erection For Single Mast Climber	3,000.00	
01 54 23 00-0032	EA Dismantle For Single Mast Climber	2,500.00	
01 54 23 00-0033	SF Additional Scaffolding Planks, Wood, 2"	0.93	
01 54 23 00-0034	Rolling Scaffolding (01 54 23 00-0001)		
	Note: Includes moving and relocating scaffolding on site. Excludes initial erection and final dismantling of scaffold.		
01 54 23 00-0035	DAY >14' To 20', Rolling Scaffolding, Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section)	10.92	
01 54 23 00-0036	WK >14' To 20', Rolling Scaffolding, Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section)	43.75	
01 54 23 00-0037	MO >14' To 20', Rolling Scaffolding, Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section)	174.97	
01 54 23 00-0038	DAY >20' To 40', Rolling Scaffolding, Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section)	18.28	
01 54 23 00-0039	WK >20' To 40', Rolling Scaffolding, Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section)	73.20	
01 54 23 00-0040	MO >20' To 40', Rolling Scaffolding, Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section)	292.82	
01 54 23 00-0041	EA >14' To 20', Rolling Scaffolding Initial Erection And Final Dismantling For Each Scaffold	121.44	
01 54 23 00-0042	EA >20' To 40', Rolling Scaffolding Initial Erection And Final Dismantling For Each Scaffold	151.79	
01 54 23 00-0043	Shoring Posts (01 54 23 00-0001)		
01 54 23 00-0044	DAY 6'-6" To 11' Extension, 5,000 LB Capacity, Steel Shoring Post	2.09	
01 54 23 00-0045	WK 6'-6" To 11' Extension, 5,000 LB Capacity, Steel Shoring Post	8.35	
01 54 23 00-0046	MO 6'-6" To 11' Extension, 5,000 LB Capacity, Steel Shoring Post	25.06	
01 54 23 00-0047	DAY Up To 7', 1" Diameter, Steel Cross Brace	1.95	
01 54 23 00-0048	WK Up To 7', 1" Diameter, Steel Cross Brace	3.90	
01 54 23 00-0049	MO Up To 7', 1" Diameter, Steel Cross Brace	7.80	
01 54 23 00-0050	DAY >7' To 10', 1" Diameter, Steel Cross Brace	2.82	
01 54 23 00-0051	WK >7' To 10', 1" Diameter, Steel Cross Brace	5.64	
01 54 23 00-0052	MO >7' To 10', 1" Diameter, Steel Cross Brace	11.28	
01 54 23 00-0053	MO 2' Wide Shoring Frame With Adjustable Screw Jacks	12.22	
01 54 23 00-0054	MO 4' Wide Shoring Frame With Adjustable Screw Jacks	15.98	
01 54 23 00-0055	LF 1-5/8" Diameter, Steel Tube And Clamp Bracing (Per LF/Month)	7.52	
01 54 23 00-0056	LF 6-1/2" Deep, Aluminum Joist Shoring (Per LF/Month)	4.88	
01 54 23 00-0057	LF 7-1/4" Deep, Aluminum Stringer Shoring (Per LF/Month)	4.88	
01 54 23 00-0058	CCF Shoring Posts And Frames Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories	57.82	
01 54 23 00-0059	EA Initial Erection And Final Dismantling For Each Shoring Post	9.72	
	For >20 To 50, Deduct	-1.46	
	For >50 To 100, Deduct	-3.40	
	For >100, Deduct	-5.35	



General Requirements			01
Temporary Facilities and Controls			01 50
Construction Aids			01 54

MINOR CSI UOM DESCRIPTION		TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 54 23 00-0060 Temporary Lumber, Single Use (01 54 23) Note: Includes removal after use.			
01 54 23 00-0061	SF 5/16" CD Grade Plywood, Temporary Lumber	2.42	
01 54 23 00-0062	SF 1/2" CD Grade Plywood, Temporary Lumber	2.78	
01 54 23 00-0063	SF 5/8" CD Grade Plywood, Temporary Lumber	3.10	
01 54 23 00-0064	SF 3/4" CD Grade Plywood, Temporary Lumber	3.44	
01 54 23 00-0065	SF 1" CD Grade Plywood, Temporary Lumber	5.16	
01 54 23 00-0066	LF 2" x 4" Temporary Lumber	2.99	
01 54 23 00-0067	LF 2" x 6" Temporary Lumber	3.79	
01 54 23 00-0068	LF 2" x 8" Temporary Lumber	4.60	
01 54 23 00-0069	LF 2" x 10" Temporary Lumber	5.41	
01 54 23 00-0070	LF 2" x 12" Temporary Lumber	6.22	
01 54 23 00-0071	LF 3" x 8" Temporary Lumber	6.22	
01 54 23 00-0072	LF 3" x 10" Temporary Lumber	7.43	
01 54 23 00-0073	LF 3" x 12" Temporary Lumber	8.64	
01 54 23 00-0074	LF 4" x 4" Temporary Lumber	4.07	
01 54 23 00-0075	LF 4" x 6" Temporary Lumber	5.84	
01 54 23 00-0076	LF 6" x 6" Temporary Lumber	7.61	
01 54 23 00-0077	LF 6" x 8" Temporary Lumber	9.90	
01 54 23 00-0078	LF 12" x 12" Temporary Lumber	24.32	
01 54 23 00-0079 Temporary Precast Concrete Blocks (01 54 23) Note: Includes removal after use.			
01 54 23 00-0080	EA 2' x 2' x 2' Temporary Precast Concrete (Ecology) Block	121.02	
		Note: Includes removal after use.	
01 54 23 00-0081	EA 2' x 2' x 4' Temporary Precast Concrete (Ecology) Block	151.28	
		Note: Includes removal after use.	
01 54 23 00-0082	EA 2' x 2' x 8' Temporary Precast Concrete (Ecology) Block	195.92	
		Note: Includes removal after use.	
01 54 26 Temporary Swing Staging (01 54) Note: Up to one month rental. Includes connection to existing electrical outlet on roof, all necessary safety equipment for personnel and anchoring to existing roof anchors. Excludes installing roof anchors.			
01 54 26 00-0001 Swing Stage (01 54 26) Note: Up to one month rental. Includes connection to existing electrical outlet on roof, and all necessary safety equipment for personnel. Excludes installing roof anchors.			
01 54 26 00-0002	MO 7' Swing Stage, Electric Operated	3,005.64	
01 54 26 00-0003	MO 10' Swing Stage, Electric Operated	3,155.92	
01 54 26 00-0004	MO 14' Swing Stage, Electric Operated	3,306.20	
01 54 26 00-0005	MO 20' Swing Stage, Electric Operated	3,456.49	
01 54 26 00-0006	MO 24' Swing Stage, Electric Operated	3,606.77	
01 54 26 00-0007	MO 30' Swing Stage, Electric Operated	3,757.05	
01 54 26 00-0008	MO 42' Swing Stage, Electric Operated	3,907.33	
01 54 26 00-0009	MO 12' Swing Stage, Manually Operated	866.71	
01 54 26 00-0010	MO 24' Swing Stage, Manually Operated	1,083.38	
01 54 26 00-0011	EA Swing Stage Platform From Hooks, Erection And Dismantling	5,176.72	
		Note: Includes both initial erection and final dismantling of platform. Excludes anchors or temporary roof mounted outrigger system.	
01 54 26 00-0012	EA Swing Stage Platform And Temporary Roof Mounted Outrigger System Erection And Dismantling	7,193.93	
		Note: Includes both initial erection and final dismantling of temporary roof mounted outrigger system.	
01 54 26 00-0013	EA Move Swing Stage Platform From Hooks To Different Location At Same Roof	2,722.03	
01 54 26 00-0014	EA Move Swing Stage Platform And Temporary Roof Mounted Outrigger System To Different Location At Same Roof	3,791.40	
01 55 Vehicular Access and Parking (01 50)			
01 55 23 Temporary Roads (01 55)			
01 55 23 00-0001 Temporary Stabilized Construction Entrance (01 55 23) Note: As per Caltrans detail.			
01 55 23 00-0002	SF 3" To 4" Rock Temporary Stabilized Construction Entrance Assembly	2.79	
		Note: Includes up to 12" excavation of pit, hauling and disposal of soil, filter fabric at base and sides, filled with rock, and compaction.	
01 55 23 00-0003	SF >4" To 6" Rock Temporary Stabilized Construction Entrance Assembly	3.57	
		Note: Includes up to 12" excavation of pit, hauling and disposal of soil, filter fabric at base and sides, filled with rock, and compaction.	
01 55 23 00-0004 Rumble Trench Plate (01 55 23)			
01 55 23 00-0005	MO 8' x 10' Steel Rumble Trench Plate Rental	401.44	
01 55 23 00-0006	EA Placement And Removal Of Rumble Plate	102.65	
		Note: If lifting equipment is not available on site, See CSI section 01 22 23 00-0000 for rentals tasks, 01 71 13 00-0000 for mobilization tasks.	
01 55 23 00-0007	EA Relocate And Adjust Location Of Rumble Plate	25.66	
		Note: If lifting equipment is not available on site, See CSI section 01 22 23 00-0000 for rentals tasks, 01 71 13 00-0000 for mobilization tasks.	
01 55 23 00-0008 Temporary Road Ramps (Godwin) (01 55 23) Note: Excludes asphalt and gravel.			

01	General Requirements
01 50	Temporary Facilities and Controls
01 55	Vehicular Access and Parking



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 55 23 00-0009	EA		4" Pipeline, 12' Passable Vehicle Width, Temporary Road Ramp (Godwin).....	4,947.20	230.64
01 55 23 00-0010	EA		6" Pipeline, 12' Passable Vehicle Width, Temporary Road Ramp (Godwin).....	6,738.16	345.96
01 55 23 00-0011	EA		8" Pipeline, 12' Passable Vehicle Width, Temporary Road Ramp (Godwin).....	9,309.28	461.28
01 55 23 00-0012	EA		12" Pipeline, 12' Passable Vehicle Width, Temporary Road Ramp (Godwin).....	19,291.92	576.60
01 55 23 00-0013	EA		24" Pipeline, 15' Passable Vehicle Width, Temporary Road Ramp (Godwin).....	28,299.36	691.92
01 55 26 Traffic Control (01 55)					
01 55 26 00-0001			Temporary Removable Preformed Traffic Black Line Mask (01 55 26)		
			Note: Includes installation and removal after use.		
01 55 26 00-0002	LF		6" Removable Traffic Black Line Mask	5.39	
01 55 26 00-0003	LF		8" Removable Traffic Black Line Mask	6.48	
01 55 26 00-0004			Temporary Preformed Traffic Line Tape (01 55 26)		
			Note: Includes installation and removal after use.		
01 55 26 00-0005	LF		4" Reflective Removable Traffic Line Tape.....	5.45	
01 55 26 00-0006	LF		6" Reflective Removable Traffic Line Tape.....	7.38	
01 55 26 00-0007	LF		8" Reflective Removable Traffic Line Tape.....	9.23	
01 55 26 00-0008			Temporary Painted Traffic Lines (01 55 26)		
			Note: Includes installation and removal after use.		
01 55 26 00-0009	LF		4" Temporary Painted Traffic Lines.....	2.38	
			For Not Removed, Deduct	-1.69	
01 55 26 00-0010	LF		6" Temporary Painted Traffic Lines.....	3.14	
			For Not Removed, Deduct	-2.27	
01 55 26 00-0011	LF		8" Temporary Painted Traffic Lines.....	3.94	
			For Not Removed, Deduct	-2.89	
01 55 26 00-0012			Temporary Pedestrian Traffic Control (01 55 26)		
01 55 26 00-0013	CLF		1", 4 Mil Polyethylene Printed Barricade Tape, Fluorescent Orange	10.65	
01 55 26 00-0014	CLF		2", 4 Mil Polyethylene Printed Barricade Tape, Fluorescent Orange	13.72	
01 55 26 00-0015	CLF		3/4", 4 Mil Polyethylene Printed Barricade Tape, Fluorescent Yellow.....	8.65	
01 55 26 00-0016	CLF		2", 4 Mil Polyethylene Printed Barricade Tape, Fluorescent Yellow.....	10.51	
01 55 26 00-0017	CLF		3", 4 Mil Polyethylene Printed Barricade Tape, Non-Fluorescent	11.29	
01 55 26 00-0018	CLF		6", 4 Mil Polyethylene Printed Barricade Tape, Non-Fluorescent	15.14	
01 55 26 00-0019	CLF		1" Exterior Vinyl Tape (Warning Tape)	12.37	
01 55 26 00-0020	CLF		2" Exterior Vinyl Tape (Warning Tape)	16.99	
01 55 26 00-0021	CLF		3" Exterior Vinyl Tape (Warning Tape)	20.91	
01 55 26 00-0022	CLF		4" Exterior Vinyl Tape (Warning Tape)	24.43	
01 55 26 00-0023			Linear Delineation System, Temporary Or Permanent (01 55 26)		
			Note: High visibility reflective sheeting strips. Scotchlite as manufactured by 3M.		
01 55 26 00-0024	LF		4" Linear Delineation System.....	11.51	
01 55 26 00-0025	LF		6" Linear Delineation System.....	15.52	
01 55 26 00-0026			Temporary Traffic Protection (01 55 26)		
01 55 26 00-0027			Temporary Portable Traffic Control Device Usage (01 55 26 00-0026)		
			Note: Excludes placing and removing devices. See CSI section 01 55 26 00-0142 for delivery, placing and removal.		
01 55 26 00-0028	DAY		28" Cone With Reflective Collar	0.86	
01 55 26 00-0029	WK		28" Cone With Reflective Collar	2.59	
01 55 26 00-0030	MO		28" Cone With Reflective Collar	7.76	
01 55 26 00-0031	DAY		36" Traffic Cone With Reflective Collar	1.08	
01 55 26 00-0032	WK		36" Traffic Cone With Reflective Collar	3.23	
01 55 26 00-0033	MO		36" Traffic Cone With Reflective Collar	9.70	
01 55 26 00-0034	DAY		Tubular Marker Delineator Guide Post With Base/Channelizing Guide Post	2.03	
01 55 26 00-0035	WK		Tubular Marker Delineator Guide Post With Base/Channelizing Guide Post	6.09	
01 55 26 00-0036	MO		Tubular Marker Delineator Guide Post With Base/Channelizing Guide Post	18.27	
01 55 26 00-0037	DAY		Vertical Panel.....	2.60	
01 55 26 00-0038	WK		Vertical Panel.....	7.81	
01 55 26 00-0039	MO		Vertical Panel.....	23.43	
01 55 26 00-0040	DAY		Channelizer Drum	2.83	
01 55 26 00-0041	WK		Channelizer Drum	8.48	
01 55 26 00-0042	MO		Channelizer Drum	25.44	
01 55 26 00-0043	DAY		Stackable Channelizer Panel.....	1.34	
01 55 26 00-0044	WK		Stackable Channelizer Panel.....	4.01	
01 55 26 00-0045	MO		Stackable Channelizer Panel.....	12.03	
01 55 26 00-0046	DAY		Type I Barricade, Up To 3' Wide With Reflective Rail Each Side	1.85	
01 55 26 00-0047	WK		Type I Barricade, Up To 3' Wide With Reflective Rail Each Side	5.55	
01 55 26 00-0048	MO		Type I Barricade, Up To 3' Wide With Reflective Rail Each Side	16.66	
01 55 26 00-0049	DAY		Type II Barricade, Up To 3' Wide With Two Reflective Rails Each Side	4.10	
01 55 26 00-0050	WK		Type II Barricade, Up To 3' Wide With Two Reflective Rails Each Side	12.31	
01 55 26 00-0051	MO		Type II Barricade, Up To 3' Wide With Two Reflective Rails Each Side	36.92	
01 55 26 00-0052	DAY		Type III Barricade, Up To 5' Wide With Three Reflective Rails	4.68	
01 55 26 00-0053	WK		Type III Barricade, Up To 5' Wide With Three Reflective Rails	14.03	



General Requirements			01
Temporary Facilities and Controls			01 50
Vehicular Access and Parking			01 55

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 55 26 00-0054	MO		Type III Barricade, Up To 5' Wide With Three Reflective Rails.....	42.08	
01 55 26 00-0055	DAY		Type III Barricade, >5' To 10' Wide With Three Reflective Rails.....	8.55	
01 55 26 00-0056	WK		Type III Barricade, >5' To 10' Wide With Three Reflective Rails.....	25.66	
01 55 26 00-0057	MO		Type III Barricade, >5' To 10' Wide With Three Reflective Rails.....	76.97	
01 55 26 00-0058	DAY		Up To 10' Wide A Frame Barricade.....	4.69	
01 55 26 00-0059	WK		Up To 10' Wide A Frame Barricade.....	14.07	
01 55 26 00-0060	MO		Up To 10' Wide A Frame Barricade.....	42.21	
01 55 26 00-0061	DAY		Type A Or C Flasher.....	0.96	
01 55 26 00-0062	WK		Type A Or C Flasher.....	2.87	
01 55 26 00-0063	MO		Type A Or C Flasher.....	8.60	
01 55 26 00-0064	DAY		Type B Flasher (High Intensity).....	5.19	
01 55 26 00-0065	WK		Type B Flasher (High Intensity).....	15.56	
01 55 26 00-0066	MO		Type B Flasher (High Intensity).....	46.67	

01 55 26 00-0067

Temporary Traffic Barriers Usage (01 55 26 00-0026)

Note: Excludes placing and removing devices. See CSI section 01 55 26 00-0142 for delivery, placing and removal.

01 55 26 00-0068	DAY		6' Long Portable Parking Curbs.....	2.23	
01 55 26 00-0069	WK		6' Long Portable Parking Curbs.....	6.70	
01 55 26 00-0070	MO		6' Long Portable Parking Curbs.....	20.10	
01 55 26 00-0071	DAY		6' Long Portable Speed Bumps.....	6.61	
01 55 26 00-0072	WK		6' Long Portable Speed Bumps.....	19.83	
01 55 26 00-0073	MO		6' Long Portable Speed Bumps.....	59.49	
01 55 26 00-0074	DAY		Up To 12.5' Concrete Traffic Barrier.....	15.88	
01 55 26 00-0075	WK		Up To 12.5' Concrete Traffic Barrier.....	47.64	
01 55 26 00-0076	MO		Up To 12.5' Concrete Traffic Barrier.....	142.92	
01 55 26 00-0077	DAY		>12.5' To 20' Concrete Traffic Barrier.....	31.76	
01 55 26 00-0078	WK		>12.5' To 20' Concrete Traffic Barrier.....	95.28	
01 55 26 00-0079	MO		>12.5' To 20' Concrete Traffic Barrier.....	285.85	
01 55 26 00-0080	DAY		6' x 32" Tall Plastic Water Barrier.....	18.96	
01 55 26 00-0081	WK		6' x 32" Tall Plastic Water Barrier.....	56.89	
01 55 26 00-0082	MO		6' x 32" Tall Plastic Water Barrier.....	170.68	
01 55 26 00-0083	DAY		6' x 46" Tall Plastic Water Barrier.....	27.08	
01 55 26 00-0084	WK		6' x 46" Tall Plastic Water Barrier.....	81.24	
01 55 26 00-0085	MO		6' x 46" Tall Plastic Water Barrier.....	243.71	
01 55 26 00-0086	DAY		Sand Filled Crash Attenuator Barrels.....	10.60	
01 55 26 00-0087	WK		Sand Filled Crash Attenuator Barrels.....	31.80	
01 55 26 00-0088	MO		Sand Filled Crash Attenuator Barrels.....	95.39	
01 55 26 00-0089	MO		Rolling Straight Concrete Barrier, Per Each Barrier Per Month.....	3,521.70	
01 55 26 00-0090	MO		Rolling Absorbing Concrete Barrier, Per Each Barrier Per Month.....	1,408.68	
01 55 26 00-0091	MO		Rolling Transition Concrete Barrier, Per Each Barrier Per Month.....	375.65	
01 55 26 00-0092	EA		2 Bay, Non-Gating, Redirective Crash Cushion System, Test Level 2 (44 MPH), 24" Wide.....	6,446.05	
Note: Includes delivery, pickup and two months rental.					
01 55 26 00-0093	MO		2 Bay, Non-Gating, Redirective Crash Cushion System, Test Level 2 (44 MPH), 24" Wide.....	621.54	
Note: Rental rate after 1st two months.					
01 55 26 00-0094	EA		5 Bay, Non-Gating, Redirective Crash Cushion System, Test Level 3 (62 MPH), 24" Wide.....	7,700.86	
Note: Includes delivery, pickup and two months rental.					
01 55 26 00-0095	MO		5 Bay, Non-Gating, Redirective Crash Cushion System, Test Level 3 (62 MPH), 24" Wide.....	932.31	
Note: Rental rate after 1st two months.					
01 55 26 00-0096	EA		8 Bay, Non-Gating, Redirective Crash Cushion System, Test Level 3 (71 MPH), 24" Wide.....	9,370.04	
Note: Includes delivery, pickup and two months rental.					
01 55 26 00-0097	MO		8 Bay, Non-Gating, Redirective Crash Cushion System, 71 MPH, 24" Wide.....	1,139.49	
Note: Rental rate after 1st two months.					
01 55 26 00-0098	MO		24" Wide x 32" High x 32' Long, Anchorless Water Filler, Non-Redirective, Bi-Directional Impact Attenuator (ABSORB 350® BARRIER).....	1,504.08	
Note: Consists of 8 bays with nose piece at the front of the system.					

01 55 26 00-0099

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

Note: Excludes placing and removing devices. See CSI section 01 55 26 00-0142 for delivery, placing and removal.

01 55 26 00-0100	DAY		Mesh Or Vinyl Roll-up Sign With Stand.....	8.32	
01 55 26 00-0101	WK		Mesh Or Vinyl Roll-up Sign With Stand.....	24.96	
01 55 26 00-0102	MO		Mesh Or Vinyl Roll-up Sign With Stand.....	74.89	
01 55 26 00-0103	DAY		18" x 18" Aluminum Construction Sign, With Portable Stand.....	4.24	
01 55 26 00-0104	WK		18" x 18" Aluminum Construction Sign, With Portable Stand.....	12.73	
01 55 26 00-0105	MO		18" x 18" Aluminum Construction Sign, With Portable Stand.....	38.19	
01 55 26 00-0106	DAY		30" x 24" Aluminum Construction Sign, With Portable Stand.....	5.16	
01 55 26 00-0107	WK		30" x 24" Aluminum Construction Sign, With Portable Stand.....	15.47	
01 55 26 00-0108	MO		30" x 24" Aluminum Construction Sign, With Portable Stand.....	46.40	
01 55 26 00-0109	DAY		30" x 30" Aluminum Construction Sign, With Portable Stand.....	4.78	
01 55 26 00-0110	WK		30" x 30" Aluminum Construction Sign, With Portable Stand.....	14.35	
01 55 26 00-0111	MO		30" x 30" Aluminum Construction Sign, With Portable Stand.....	43.04	
01 55 26 00-0112	DAY		48" x 18" Aluminum Construction Sign, With Portable Stand.....	5.46	
01 55 26 00-0113	WK		48" x 18" Aluminum Construction Sign, With Portable Stand.....	16.39	
01 55 26 00-0114	MO		48" x 18" Aluminum Construction Sign, With Portable Stand.....	49.16	
01 55 26 00-0115	DAY		48" x 24" Aluminum Construction Sign, With Portable Stand.....	6.07	
01 55 26 00-0116	WK		48" x 24" Aluminum Construction Sign, With Portable Stand.....	18.22	
01 55 26 00-0117	MO		48" x 24" Aluminum Construction Sign, With Portable Stand.....	54.67	
01 55 26 00-0118	DAY		48" x 30" Aluminum Construction Sign, With Portable Stand.....	6.69	
01 55 26 00-0119	WK		48" x 30" Aluminum Construction Sign, With Portable Stand.....	20.06	

01	General Requirements
01 50	Temporary Facilities and Controls
01 55	Vehicular Access and Parking



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

01 55 26 00-0120	MO	48" x 30" Aluminum Construction Sign, With Portable Stand.....	60.18
01 55 26 00-0121	DAY	60" x 24" Aluminum Construction Sign, With Portable Stand.....	10.31
01 55 26 00-0122	WK	60" x 24" Aluminum Construction Sign, With Portable Stand.....	30.94
01 55 26 00-0123	MO	60" x 24" Aluminum Construction Sign, With Portable Stand.....	92.81
01 55 26 00-0124	DAY	60" x 30" Aluminum Construction Sign, With Portable Stand.....	11.08
01 55 26 00-0125	WK	60" x 30" Aluminum Construction Sign, With Portable Stand.....	33.23
01 55 26 00-0126	MO	60" x 30" Aluminum Construction Sign, With Portable Stand.....	99.70
01 55 26 00-0127	DAY	60" x 36" Aluminum Construction Sign, With Portable Stand.....	11.84
01 55 26 00-0128	WK	60" x 36" Aluminum Construction Sign, With Portable Stand.....	35.63
01 55 26 00-0129	MO	60" x 36" Aluminum Construction Sign, With Portable Stand.....	106.59
01 55 26 00-0130	DAY	Aluminum Sign And Post	4.14
01 55 26 00-0131	WK	Aluminum Sign And Post	12.41
01 55 26 00-0132	MO	Aluminum Sign And Post	37.22
01 55 26 00-0133	DAY	Trailer Mounted Flashing Arrow Board	200.00
01 55 26 00-0134	WK	Trailer Mounted Flashing Arrow Board	553.57
01 55 26 00-0135	MO	Trailer Mounted Flashing Arrow Board	1,464.27
01 55 26 00-0136	DAY	Trailer Mounted Portable Variable Message Sign (PVMS)	275.67
01 55 26 00-0137	WK	Trailer Mounted Portable Variable Message Sign (PVMS)	735.12
01 55 26 00-0138	MO	Trailer Mounted Portable Variable Message Sign (PVMS)	1,470.24
01 55 26 00-0139	DAY	Two Head, Trailer Mounted Traffic Signal System (Set Of Two)	1,415.54
Note: Consists of a set of two communicating trailers. Each with two LED traffic light head, solar panels and a battery bank, mounted on a heavy-duty towable trailer.			
01 55 26 00-0140	WK	Two Head, Trailer Mounted Traffic Signal System (Set Of Two)	4,246.62
Note: Consists of a set of two communicating trailers. Each with two LED traffic light head, solar panels and a battery bank, mounted on a heavy-duty towable trailer.			
01 55 26 00-0141	MO	Two Head, Trailer Mounted Traffic Signal System (Set Of Two)	12,739.86
Note: Consists of a set of two communicating trailers. Each with two LED traffic light head, solar panels and a battery bank, mounted on a heavy-duty towable trailer.			

01 55 26 00-0142 Place And Remove Temporary Traffic Protection Using Truck (01 55 26 00-0026)

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

01 55 26 00-0143	EA	Placement And Removal Of Up To 250 Cones Using Truck.....	4.05
01 55 26 00-0144	EA	Placement And Removal Of >250 Cones Using Truck	3.54
01 55 26 00-0145	EA	Placement And Removal Of Up To 250 Panels/Channelizers Using Truck	6.68
01 55 26 00-0146	EA	Placement And Removal Of >250 Panels/Channelizers Using Truck.....	5.57
01 55 26 00-0147	EA	Placement And Removal Of Up To 250 Barricades Using Truck	10.12
01 55 26 00-0148	EA	Placement And Removal Of >250 Barricades Using Truck	8.10
01 55 26 00-0149	EA	Placement And Removal Of Curbs/Speed Bumps Using Truck.....	10.12
01 55 26 00-0150	EA	Placement And Removal Of Portable Sign And Stand Using Truck	6.08
01 55 26 00-0151	EA	Placement And Removal Of Aluminum Sign And Post Using Truck	25.31
01 55 26 00-0152	EA	Placement And Removal Of Trailer Mounted Boards And Signals Using Truck	75.93
01 55 26 00-0153	EA	Placement And Removal Of Up To 12.5' Concrete Traffic Barrier	102.65
Note: If lifting equipment is not available on site, See CSI section 01 22 23 00-0000 for rentals tasks, 01 71 13 00-0000 for mobilization tasks.			
For 1 Barrier, Add			256.63
For 2 Barriers, Add			92.39
For 3 Barriers, Add			30.80
01 55 26 00-0154	EA	Placement And Removal Of >12.5' Concrete Traffic Barrier	153.97
Note: If lifting equipment is not available on site, See CSI section 01 22 23 00-0000 for rentals tasks, 01 71 13 00-0000 for mobilization tasks.			
For 1 Barrier, Add			384.93
For 2 Barriers, Add			138.57
For 3 Barriers, Add			46.19
01 55 26 00-0155	EA	Placement And Removal Of Plastic Water Barrier.....	58.57
Note: Includes water. If lifting equipment is not available on site, See CSI section 01 22 23 00-0000 for Equipment Usage, 01 71 13 00-0000 for mobilization tasks.			
For 1 Barrier, Add			128.30
For 2 Barriers, Add			46.19
For 3 Barriers, Add			15.40
01 55 26 00-0156	EA	Placement And Removal Of Crash Attenuator Barrels	76.99
Note: If lifting equipment is not available on site, See CSI section 01 22 23 00-0000 for rentals tasks, 01 71 13 00-0000 for mobilization tasks.			
For 1 Barrier, Add			192.48
For 2 Barriers, Add			69.29
For 3 Barriers, Add			23.10
01 55 26 00-0157	EA	Placement And Removal Of 24" Wide x 32" High x 32' Long, Anchorless Water Filler, Non-Redirective, Bi-Directional Impact Attenuator (ABSORB 350® BARRIER).....	564.56
Note: Consists of 8 bays with nose piece at the front of the system attached and anchored in accordance with the manufactures instructions. Includes water. If lifting equipment is not available on site, See CSI section 01 22 23 00-0000 for rental tasks, 01 71 13 00-0000 for mobilization.			

01 55 26 00-0158 Place And Remove Temporary Traffic Protection From Roadside (Daily) (01 55 26 00-0026)

01 55 26 00-0159	EA	Placement And Removal Of Up To 250 Cones By Hand From Roadside.....	2.53
01 55 26 00-0160	EA	Placement And Removal Of >250 Cones By Hand From Roadside	2.02
01 55 26 00-0161	EA	Placement And Removal Of Up To 250 Panels/Channelizers By Hand From Roadside	3.37
01 55 26 00-0162	EA	Placement And Removal Of >250 Panels/Channelizers By Hand From Roadside.....	2.69
01 55 26 00-0163	EA	Placement And Removal Of Up To 250 Barricades By Hand From Roadside.....	5.07
01 55 26 00-0164	EA	Placement And Removal Of >250 Barricades By Hand From Roadside	4.05
01 55 26 00-0165	EA	Placement And Removal Of Portable Sign And Stand From Roadside	3.10
01 55 26 00-0166	EA	Placement And Removal Of Trailer Mounted Boards And Signals From Roadside.....	37.97



General Requirements			01
Temporary Facilities and Controls			01 50
Vehicular Access and Parking			01 55

MINOR CSI UOM DESCRIPTION			TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 55 26 00-0167	EA	Roadside Relocation Of Concrete Traffic Barrier..... Note: Excludes flatbed truck. If lifting equipment is not available on site, See CSI section 01 22 23 00-0000 for rental tasks, 01 71 13 00-0000 for mobilization.	51.32	
01 55 26 00-0168		Place And Remove Temporary Signs For Detours (01 55 26 00-0026)		
01 55 26 00-0169		Temporary ReflectORIZED Signs For Detours (01 55 26 00-0168) Note: Excludes posts.		
01 55 26 00-0170		Temporary Aluminum Engineer Grade Stop Signs For Detours (01 55 26 00-0169)		
01 55 26 00-0171	EA	Temporary 18" x 18" Aluminum Engineer Grade Stop Sign For Detours..... For Hi-Intensity Grade, Add For Diamond Grade, Add	88.79 6.95 13.21	
01 55 26 00-0172	EA	Temporary 18" x 24" Aluminum Engineer Grade Stop Sign For Detours..... For Hi-Intensity Grade, Add For Diamond Grade, Add	99.56 9.09 17.27	
01 55 26 00-0173	EA	Temporary 24" x 24" Aluminum Engineer Grade Stop Sign For Detours..... For Hi-Intensity Grade, Add For Diamond Grade, Add	106.79 13.89 22.02	
01 55 26 00-0174	EA	Temporary 30" x 30" Aluminum Engineer Grade Stop Sign For Detours..... For Hi-Intensity Grade, Add For Diamond Grade, Add	119.94 5.21 28.20	
01 55 26 00-0175	EA	Temporary 36" x 36" Aluminum Engineer Grade Stop Sign For Detours..... For Hi-Intensity Grade, Add For Diamond Grade, Add	149.72 15.29 47.97	
01 55 26 00-0176		Other Temporary ReflectORIZED Traffic Signs For Detours (01 55 26 00-0169) Note: Other traffic signs includes reserve, handicap, visitor, no parking, property, speed limit, tow away, ADA, parking time limit, parking exclusive area, school, traffic/caution, etc. Excludes posts.		
01 55 26 00-0177		Temporary Aluminum Engineer Grade Traffic Signs For Detours (01 55 26 00-0176)		
01 55 26 00-0178	EA	Temporary 6" x 12" Aluminum Engineer Grade Traffic Sign For Detours..... For Hi-Intensity Grade, Add	64.07 1.72	
01 55 26 00-0179	EA	Temporary 6" x 18" Aluminum Engineer Grade Traffic Sign For Detours..... For Hi-Intensity Grade, Add	66.94 2.58	
01 55 26 00-0180	EA	Temporary 9" x 12" Aluminum Engineer Grade Traffic Sign For Detours..... For Hi-Intensity Grade, Add	66.94 2.58	
01 55 26 00-0181	EA	Temporary 9" x 15" Aluminum Engineer Grade Traffic Sign For Detours..... For Hi-Intensity Grade, Add	69.09 3.23	
01 55 26 00-0182	EA	Temporary 9" x 18" Aluminum Engineer Grade Traffic Sign For Detours..... For Hi-Intensity Grade, Add	71.25 3.88	
01 55 26 00-0183	EA	Temporary 9" x 24" Aluminum Engineer Grade Traffic Sign For Detours..... For Hi-Intensity Grade, Add	79.19 5.17	
01 55 26 00-0184	EA	Temporary 9" x 48" Aluminum Engineer Grade Traffic Sign For Detours..... For Hi-Intensity Grade, Add	96.41 10.33	
01 55 26 00-0185	EA	Temporary 12" x 12" Aluminum Engineer Grade Traffic Sign For Detours..... For Hi-Intensity Grade, Add	69.81 3.44	
01 55 26 00-0186	EA	Temporary 12" x 18" Aluminum Engineer Grade Traffic Sign For Detours..... For Hi-Intensity Grade, Add	79.19 5.17	
01 55 26 00-0187	EA	Temporary 12" x 24" Aluminum Engineer Grade Traffic Sign For Detours..... For Hi-Intensity Grade, Add	84.93 6.89	
01 55 26 00-0188	EA	Temporary 12" x 30" Aluminum Engineer Grade Traffic Sign For Detours..... For Hi-Intensity Grade, Add	90.67 8.61	
01 55 26 00-0189	EA	Temporary 12" x 36" Aluminum Engineer Grade Traffic Sign For Detours..... For Hi-Intensity Grade, Add	96.41 10.33	
01 55 26 00-0190	EA	Temporary 18" x 18" Aluminum Engineer Grade Traffic Sign For Detours..... For Hi-Intensity Grade, Add	87.80 7.75	
01 55 26 00-0191	EA	Temporary 18" x 24" Aluminum Engineer Grade Traffic Sign For Detours..... For Hi-Intensity Grade, Add	96.41 10.33	
01 55 26 00-0192	EA	Temporary 18" x 30" Aluminum Engineer Grade Traffic Sign For Detours..... For Hi-Intensity Grade, Add	108.68 12.92	
01 55 26 00-0193	EA	Temporary 18" x 36" Aluminum Engineer Grade Traffic Sign For Detours..... For Hi-Intensity Grade, Add	117.29 15.50	
01 55 26 00-0194	EA	Temporary 18" x 54" Aluminum Engineer Grade Traffic Sign For Detours..... For Hi-Intensity Grade, Add	157.70 23.25	
01 55 26 00-0195	EA	Temporary 24" x 24" Aluminum Engineer Grade Traffic Sign For Detours..... For Hi-Intensity Grade, Add	111.55 13.78	
01 55 26 00-0196	EA	Temporary 24" x 30" Aluminum Engineer Grade Traffic Sign For Detours..... For Hi-Intensity Grade, Add	123.03 17.22	
01 55 26 00-0197	EA	Temporary 24" x 36" Aluminum Engineer Grade Traffic Sign For Detours..... For Hi-Intensity Grade, Add	134.51 20.67	
01 55 26 00-0198	EA	Temporary 24" x 42" Aluminum Engineer Grade Traffic Sign For Detours..... For Hi-Intensity Grade, Add	160.57 24.11	
01 55 26 00-0199	EA	Temporary 24" x 48" Aluminum Engineer Grade Traffic Sign For Detours..... For Hi-Intensity Grade, Add	172.05 27.56	
01 55 26 00-0200	EA	Temporary 24" x 54" Aluminum Engineer Grade Traffic Sign For Detours..... For Hi-Intensity Grade, Add	183.53 31.00	
01 55 26 00-0201	EA	Temporary 30" x 30" Aluminum Engineer Grade Traffic Sign For Detours..... For Hi-Intensity Grade, Add	137.38 21.53	
01 55 26 00-0202	EA	Temporary 30" x 36" Aluminum Engineer Grade Traffic Sign For Detours..... For Hi-Intensity Grade, Add	166.31 25.83	
01 55 26 00-0203	EA	Temporary 30" x 42" Aluminum Engineer Grade Traffic Sign For Detours..... For Hi-Intensity Grade, Add	180.66 30.14	

01	General Requirements
01 50	Temporary Facilities and Controls
01 55	Vehicular Access and Parking



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 55 26 00-0204 EA Temporary 30" x 48" Aluminum Engineer Grade Traffic Sign For Detours For Hi-Intensity Grade, Add	209.61 34.45	
01 55 26 00-0205 EA Temporary 30" x 60" Aluminum Engineer Grade Traffic Sign For Detours For Hi-Intensity Grade, Add	252.88 43.06	
01 55 26 00-0206 EA Temporary 36" x 36" Aluminum Engineer Grade Traffic Sign For Detours For Hi-Intensity Grade, Add	183.53 31.00	
01 55 26 00-0207 EA Temporary 36" x 42" Aluminum Engineer Grade Traffic Sign For Detours For Hi-Intensity Grade, Add	215.35 36.17	
01 55 26 00-0208 EA Temporary 36" x 48" Aluminum Engineer Grade Traffic Sign For Detours For Hi-Intensity Grade, Add	247.14 41.33	
01 55 26 00-0209 EA Temporary 36" x 54" Aluminum Engineer Grade Traffic Sign For Detours For Hi-Intensity Grade, Add	264.36 46.50	
01 55 26 00-0210 EA Temporary 36" x 60" Aluminum Engineer Grade Traffic Sign For Detours For Hi-Intensity Grade, Add	296.17 51.67	
01 55 26 00-0211 EA Temporary 36" x 73" Aluminum Engineer Grade Traffic Sign For Detours For Hi-Intensity Grade, Add	348.07 62.86	
01 55 26 00-0212 EA Temporary 36" x 78" Aluminum Engineer Grade Traffic Sign For Detours For Hi-Intensity Grade, Add	362.42 67.17	
01 55 26 00-0213 EA Temporary 36" x 108" Aluminum Engineer Grade Traffic Sign For Detours For Hi-Intensity Grade, Add	470.41 93.00	
01 55 26 00-0214 EA Temporary 42" x 42" Aluminum Engineer Grade Traffic Sign For Detours For Hi-Intensity Grade, Add	250.01 42.20	
01 55 26 00-0215 EA Temporary 48" x 48" Aluminum Engineer Grade Traffic Sign For Detours For Hi-Intensity Grade, Add	307.66 55.11	
01 55 26 00-0216 EA Temporary 48" x 54" Aluminum Engineer Grade Traffic Sign For Detours For Hi-Intensity Grade, Add	345.20 62.00	
01 55 26 00-0217 EA Temporary 48" x 60" Aluminum Engineer Grade Traffic Sign For Detours For Hi-Intensity Grade, Add	368.16 68.89	
01 55 26 00-0218 EA Temporary 48" x 66" Aluminum Engineer Grade Traffic Sign For Detours For Hi-Intensity Grade, Add	413.01 75.78	
01 55 26 00-0219 EA Temporary 48" x 72" Aluminum Engineer Grade Traffic Sign For Detours For Hi-Intensity Grade, Add	435.97 82.67	
01 55 26 00-0220 EA Temporary 48" x 84" Aluminum Engineer Grade Traffic Sign For Detours For Hi-Intensity Grade, Add	496.48 96.45	
01 55 26 00-0221 EA Temporary 48" x 96" Aluminum Engineer Grade Traffic Sign For Detours For Hi-Intensity Grade, Add	542.40 110.22	
01 55 26 00-0222 EA Temporary 48" x 102" Aluminum Engineer Grade Traffic Sign For Detours For Hi-Intensity Grade, Add	565.37 117.11	
01 55 26 00-0223 EA Temporary 48" x 108" Aluminum Engineer Grade Traffic Sign For Detours For Hi-Intensity Grade, Add	595.62 124.00	
01 55 26 00-0224 EA Temporary 60" x 72" Aluminum Engineer Grade Traffic Sign For Detours For Hi-Intensity Grade, Add	519.44 103.34	
01 55 26 00-0225 EA Temporary 78" x 96" Aluminum Engineer Grade Traffic Sign For Detours For Hi-Intensity Grade, Add	779.33 179.12	
01 55 26 00-0226 Temporary Overhead Sign Structures For Detours (01 55 26 00-0168) Note: Including horizontal Z-bars.		
01 55 26 00-0227 SF From 30 To 360 SF Signs For Temporary Overhead Sign Structures For Detours For Over 10' High, Add	22.50 13.00	
01 55 26 00-0228 Temporary Sign Posts For Detours (01 55 26 00-0168) Note: Excludes sign.		
01 55 26 00-0229 Temporary U-Channel Sign Posts For Detours (01 55 26 00-0228) Note: Excludes digging and concrete.		
01 55 26 00-0230 Temporary Baked Enamel U-Channel Sign Posts For Detours (01 55 26 00-0229)		
01 55 26 00-0231 EA Temporary 3' To 4' Baked Enamel U-Channel Sign Post Base For Detours	79.34	
01 55 26 00-0232 EA Temporary 6' Baked Enamel U-Channel Sign Post For Detours	102.27	
01 55 26 00-0233 EA Temporary 7' Baked Enamel U-Channel Sign Post For Detours	122.34	
01 55 26 00-0234 EA Temporary 8' Baked Enamel U-Channel Sign Post For Detours	143.06	
01 55 26 00-0235 EA Temporary 10' Baked Enamel U-Channel Sign Post For Detours	173.02	
01 55 26 00-0236 EA Temporary 12' Baked Enamel U-Channel Sign Post For Detours	183.64	
01 55 26 00-0237 Temporary Galvanized Steel U-Channel Sign Posts For Detours (01 55 26 00-0229)		
01 55 26 00-0238 EA Temporary 3' To 4' Galvanized Steel U-Channel Sign Post Base For Detours	83.43	
01 55 26 00-0239 EA Temporary 6' Galvanized Steel U-Channel Sign Post For Detours	108.76	
01 55 26 00-0240 EA Temporary 7' Galvanized Steel U-Channel Sign Post For Detours	137.00	
01 55 26 00-0241 EA Temporary 8' Galvanized Steel U-Channel Sign Post For Detours	159.27	
01 55 26 00-0242 EA Temporary 10' Galvanized Steel U-Channel Sign Post For Detours	184.82	
01 55 26 00-0243 EA Temporary 12' Galvanized Steel U-Channel Sign Post For Detours	193.90	
01 55 26 00-0244 Temporary Fiberglass Or Composite Plastic U-Channel Sign Posts For Detours (01 55 26 00-0229)		
01 55 26 00-0245 EA Temporary 3' To 4' Fiberglass Or Composite Plastic U-Channel Sign Post Base For Detours	78.38	
01 55 26 00-0246 EA Temporary 6' Fiberglass Or Composite Plastic U-Channel Sign Post For Detours	100.18	
01 55 26 00-0247 EA Temporary 7' Fiberglass Or Composite Plastic U-Channel Sign Post For Detours	119.81	
01 55 26 00-0248 EA Temporary 8' Fiberglass Or Composite Plastic U-Channel Sign Post For Detours	140.05	
01 55 26 00-0249 EA Temporary 10' Fiberglass Or Composite Plastic U-Channel Sign Post For Detours	167.55	



General Requirements			01
Temporary Facilities and Controls			01 50
Vehicular Access and Parking			01 55

MINOR CSI UOM DESCRIPTION			TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 55 26 00-0250	EA	Temporary 12' Fiberglass Or Composite Plastic U-Channel Sign Post For Detours	180.40	
01 55 26 00-0251		Temporary Tubular Sign Posts For Detours (01 55 26 00-0228) Note: Excludes digging and concrete.		
01 55 26 00-0252		Temporary 2-3/8" Diameter, Galvanized Steel Tubular Sign Post For Detours (01 55 26 00-0251)		
01 55 26 00-0253	EA	Temporary 6', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post For Detours.....	109.43	
01 55 26 00-0254	EA	Temporary 7', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post For Detours.....	130.34	
01 55 26 00-0255	EA	Temporary 8', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post For Detours.....	153.33	
01 55 26 00-0256	EA	Temporary 10', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post For Detours.....	193.69	
01 55 26 00-0257	EA	Temporary 12', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post For Detours.....	207.29	
01 55 26 00-0258		Temporary Square Sign Posts For Detours (01 55 26 00-0228) Note: Excludes digging and concrete.		
01 55 26 00-0259		Temporary Galvanized Steel Square Sign Posts For Detours (01 55 26 00-0258)		
01 55 26 00-0260	EA	Temporary 3' To 4' Galvanized Steel Square Sign Post Base For Detours	84.34	
01 55 26 00-0261	EA	Temporary 6' Galvanized Steel Square Sign Post For Detours	124.11	
01 55 26 00-0262	EA	Temporary 7' Galvanized Steel Square Sign Post For Detours	146.55	
01 55 26 00-0263	EA	Temporary 8' Galvanized Steel Square Sign Post For Detours	170.96	
01 55 26 00-0264	EA	Temporary 10' Galvanized Steel Square Sign Post For Detours	208.40	
01 55 26 00-0265	EA	Temporary 12' Galvanized Steel Square Sign Post For Detours	223.61	
01 55 26 00-0266		Temporary Breakaway Sign Posts And Bases For Detours (01 55 26 00-0168) Note: For breakaway post systems, base posts are driven in, sign posts bolted to base post using lap splice hardware kit. Excludes sign.		
01 55 26 00-0267		Temporary 2.5 LB/LF Breakaway Sign Posts And Base Posts For Detours (01 55 26 00-0266)		
01 55 26 00-0268		Temporary Base Posts, 2.5 LB/LF, For Breakaway Sign Posts For Detours (01 55 26 00-0267)		
01 55 26 00-0269	EA	Temporary Base Post for 2.5 LB/LF, Breakaway Sign Post For Detours	108.17	
01 55 26 00-0270	EA	Temporary Lap Splice Hardware For 2.5 LB/LF, Breakaway Sign Post For Detours	66.86	
01 55 26 00-0271		Temporary Breakaway Sign Posts, 2.5 LB/LF For Detours (01 55 26 00-0267)		
01 55 26 00-0272	LF	Temporary Breakaway Sign Post, 2.5 LB/LF For Detours	12.36	
01 55 26 00-0273		Temporary 4 LB/LF Breakaway Sign Posts And Base Posts For Detours (01 55 26 00-0266)		
01 55 26 00-0274		Temporary Base Posts, 4 LB/LF, For Breakaway Sign Posts For Detours (01 55 26 00-0273)		
01 55 26 00-0275	EA	Temporary Base Post for 4 LB/LF, Breakaway Sign Post For Detours	111.55	
01 55 26 00-0276	EA	Temporary Lap Splice Hardware for 4 LB/LF, Breakaway Sign Post For Detours	66.86	
01 55 26 00-0277		Temporary Breakaway Sign Posts, 4 LB/LF For Detours (01 55 26 00-0273)		
01 55 26 00-0278	LF	Temporary Breakaway Sign Post, 4 LB/LF For Detours	14.45	
01 55 26 00-0279		Temporary Driven Sign Posts For Detours (01 55 26 00-0266)		
01 55 26 00-0280		Temporary Driven Posts, 2.5 LB/LF For Detours (01 55 26 00-0279)		
01 55 26 00-0281	LF	Temporary Driven Post, 2.5 LB/LF For Detours..... For Each Soil Plate, Add	14.30 3.00	
01 55 26 00-0282		Temporary Driven Posts, 4 LB/LF For Detours (01 55 26 00-0279)		
01 55 26 00-0283	LF	Temporary Driven Post, 4 LB/LF For Detours..... For Each Soil Plate, Add	17.37 3.00	
01 55 26 00-0284		Temporary Omni-Directional Breakaway System For Sign Posts And Light Poles For Detours (01 55 26 00-0266)		
01 55 26 00-0285		Temporary Omni-Directional Breakaway Systems For Signs For Detours (01 55 26 00-0284) Note: Break-Safe as manufactured by Transpo Industries. Organized by post type and size. Includes hinges, anchors, all associated parts and drilling.		
01 55 26 00-0286	EA	Temporary Omni-Directional Breakaway System For 6" To 8" Wide Flange (Transpo B525)	1,167.81	
01 55 26 00-0287	EA	Temporary Omni-Directional Breakaway System For 10" To 21" Wide Flange (Transpo B650)	1,244.52	
01 55 26 00-0288	EA	Temporary Omni-Directional Breakaway System For Standard I Beam Or W6x9 Flange (Transpo A14 And A16)	853.18	
01 55 26 00-0289	EA	Temporary Omni-Directional Breakaway System For 3" To 4.5" Outside Diameter Pipe (Transpo A3 And A4.5)	747.27	
01 55 26 00-0290	EA	Temporary Omni-Directional Breakaway System For Square Tube (Transpo AS3 And AS4)	847.30	
01 55 26 00-0291	EA	Temporary Omni-Directional Breakaway System For U-Channels (Transpo AU4 To AU6)	806.10	
01 55 26 00-0292	EA	Temporary Omni-Directional Breakaway System For U-Channels Embedded (Transpo AUX4 To AUX6)	751.02	

10	01	General Requirements
	01 50	Temporary Facilities and Controls
	01 55	Vehicular Access and Parking



MINOR CSI UOM DESCRIPTION			TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 55 26 00-0293		Temporary Omni-Directional Breakaway Systems For Poles For Detours (01 55 26 00-0284) Note: Pole-Safe As Manufactured By Transpo Industries. Organized by bolt size. Includes four couplings, all associated parts, drilling and can be for new or for retro-fitting existing poles.		
01 55 26 00-0294	EA	Temporary Omni-Directional Breakaway System For Poles With 5/8" Couplings.....	421.71	
01 55 26 00-0295	EA	Temporary Omni-Directional Breakaway System For Poles With 3/4" Couplings.....	442.18	
01 55 26 00-0296	EA	Temporary Omni-Directional Breakaway System For Poles With 1" Couplings.....	459.16	
01 55 26 00-0297	EA	Temporary Omni-Directional Breakaway System For Poles With 1 1/4" Couplings.....	697.19	
01 55 26 00-0298	EA	Temporary Skirt For Omni-Directional Breakaway System For Poles With Bolt Circle Diameter Of 10" To Less Than 15".....	61.22	
01 55 26 00-0299	EA	Temporary Skirt For Omni-Directional Breakaway System For Poles With Bolt Circle Diameter Of 15" To 20".....	81.63	
01 55 26 00-0300		Temporary Rumble Strips (01 55 26) Note: Includes removal after use.		
01 55 26 00-0301	LF	1/4" High, 4" Wide, Polymer Tape Temporary Rumble Strip.....	13.71	
01 55 26 00-0302	LF	1/2" High, 3-1/2" Wide, Polycarbonate Temporary Rumble Strip.....	9.90	
01 56		Temporary Barriers and Enclosures (01 50) Note: Includes removal after use.		
01 56 16		Temporary Dust Barriers (01 56) Note: Includes removal after use.		
01 56 16 00-0001		Temporary Sheeting For Protection (01 56 16) Note: Includes removal after use.		
01 56 16 00-0002	SF	4 Mil, Plastic Sheeting, Applied To Floors.....	0.37	
01 56 16 00-0003	SF	4 Mil, Plastic Sheeting, Applied To Walls.....	0.49	
01 56 16 00-0004	SF	4 Mil, Plastic Sheeting, Applied To Ceilings.....	0.66	
01 56 16 00-0005	SF	4 Mil, Fire Retardant, Plastic Sheeting, Applied To Floors.....	0.40	
01 56 16 00-0006	SF	4 Mil, Fire Retardant, Plastic Sheeting, Applied To Walls.....	0.52	
01 56 16 00-0007	SF	4 Mil, Fire Retardant, Plastic Sheeting, Applied To Ceilings.....	0.69	
01 56 16 00-0008	SF	6 Mil, Plastic Sheeting, Applied To Floors..... Note: Includes removal after use.	0.41	
01 56 16 00-0009	SF	6 Mil, Plastic Sheeting, Applied To Walls..... Note: Includes removal after use.	0.53	
01 56 16 00-0010	SF	6 Mil, Plastic Sheeting, Applied To Ceilings..... Note: Includes removal after use.	0.70	
01 56 16 00-0011	SF	6 Mil, Plastic Sheeting, Applied To Scaffolding..... Note: Includes removal after use.	0.69	
01 56 16 00-0012	SF	6 Mil, Fire Retardant, Plastic Sheeting, Applied To Floors..... Note: Includes removal after use.	0.49	
01 56 16 00-0013	SF	6 Mil, Fire Retardant, Plastic Sheeting, Applied To Walls..... Note: Includes removal after use.	0.61	
01 56 16 00-0014	SF	6 Mil, Fire Retardant, Plastic Sheeting, Applied To Ceilings..... Note: Includes removal after use.	0.78	
01 56 16 00-0015	SF	6 Mil, Fire Retardant, Plastic Sheeting, Applied To Scaffolding..... Note: Includes removal after use.	0.73	
01 56 16 00-0016	SF	10 Mil, Fire Retardant, Reinforced, Plastic Sheeting, Applied To Scaffolding..... Note: Includes removal after use.	0.93	
01 56 16 00-0017	SF	6 Mil, Fire Retardant, Anti-static, Plastic Sheeting, Applied To Floors..... Note: Includes removal after use.	0.51	
01 56 16 00-0018	SF	6 Mil, Fire Retardant, Anti-static, Plastic Sheeting, Applied To Walls..... Note: Includes removal after use.	0.63	
01 56 16 00-0019	SF	6 Mil, Fire Retardant, Anti-static, Plastic Sheeting, Applied To Ceilings..... Note: Includes removal after use.	0.80	
01 56 16 00-0020	SF	6 Mil, Fire Retardant, Anti-static, Plastic Sheeting, Applied To Scaffolding..... Note: Includes removal after use.	0.75	
01 56 16 00-0021	SF	6 Mil, Reinforced, Plastic Sheeting, Applied To Floors..... Note: Includes removal after use.	0.51	
01 56 16 00-0022	SF	6 Mil, Reinforced, Plastic Sheeting, Applied To Walls..... Note: Includes removal after use.	0.63	
01 56 16 00-0023	SF	6 Mil, Reinforced, Plastic Sheeting, Applied To Ceilings..... Note: Includes removal after use.	0.80	
01 56 16 00-0024	SF	6 Mil, Reinforced, Plastic Sheeting, Applied To Scaffolding..... Note: Includes removal after use.	0.75	
01 56 16 00-0025	SF	6 Mil, Fire Retardant, Reinforced, Plastic Sheeting, Applied To Floors..... Note: Includes removal after use.	0.57	
01 56 16 00-0026	SF	6 Mil, Fire Retardant, Reinforced, Plastic Sheeting, Applied To Walls..... Note: Includes removal after use.	0.69	
01 56 16 00-0027	SF	6 Mil, Fire Retardant, Reinforced, Plastic Sheeting, Applied To Ceilings..... Note: Includes removal after use.	0.86	
01 56 16 00-0028	SF	6 Mil, Fire Retardant, Reinforced, Plastic Sheeting, Applied To Scaffolding..... Note: Includes removal after use.	0.81	
01 56 16 00-0029		Temporary Canvas For Protection (01 56 16) Note: Includes removal after use.		
01 56 16 00-0030	SF	Heavy Duty Woven Water Repellant Canvas, Applied To Walls.....	1.08	
01 56 16 00-0031		Accessories For Temporary Sheeting (01 56 16) Note: Includes removal after use.		



General Requirements			01
Temporary Facilities and Controls			01 50
Temporary Barriers and Enclosures			01 56

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 56 16 00-0032	EA		7" Zipper Door For Plastic Sheeting Note: Includes removal after use.	21.02	
01 56 16 00-0033	LF		Zip Wall Kit And ICRA Dust Control Awareness Barrier (Per LF Of Wall)..... Note: Includes up to 12' long spring loaded poles, side clamps, foam rails and 6 mil poly barrier. Excludes zip doors. Includes removal after use.	8.97	
01 56 16 00-0034			Temporary Critical Barriers For Protection (01 56 16) Note: Includes removal after use. See CSI section 02 89 00 00-0002 for Other barriers for infectious control.		
01 56 16 00-0035	EA		Up To 1 SF Individual Critical Barriers For Outlets And Receptacles Note: Includes removal after use.	11.01	
01 56 16 00-0036	EA		>1 To 4 SF Individual Critical Barriers For Diffusers, Ceiling Speakers, Return Grilles, etc..... Note: Includes removal after use.	16.71	
01 56 16 00-0037	EA		>4 To 8 SF Individual Critical Barriers For Diffusers, Return Grilles, Access Doors, Light Fixtures, etc..... Note: Includes removal after use.	22.48	
01 56 16 00-0038	EA		>8 To 32 SF Individual Critical Barriers For Doors, Windows, etc. Note: Includes removal after use.	35.28	
01 56 16 00-0039			Temporary Stud Wall (01 56 16) Note: Includes removal after use.		
01 56 16 00-0040			Temporary Stud Wall With Drywall (01 56 16 00-0039) Note: Includes 2 x 4 wood studs installed 16" on center, single bottom and top plate, appropriate fastening devices, drywall taped and finished and removal after use. Excludes paint.		
01 56 16 00-0041			Temporary Stud Wall With Drywall (01 56 16 00-0040)		
01 56 16 00-0042	SF		3/8" Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	5.99	
			<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.65	
01 56 16 00-0043	SF		1/2" Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	5.99	
			<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.65	
01 56 16 00-0044	SF		5/8" Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	6.12	
			<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.65	
01 56 16 00-0045	SF		3/8" Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center..... Note: Includes removal after use.	8.39	
			<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.74	
01 56 16 00-0046	SF		1/2" Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center..... Note: Includes removal after use.	8.39	
			<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.74	
01 56 16 00-0047	SF		5/8" Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center..... Note: Includes removal after use.	8.65	
			<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.74	
01 56 16 00-0048			Temporary Stud Wall With Fire Rated Drywall (01 56 16 00-0040)		
01 56 16 00-0049	SF		1/2" Type C Fire Rated Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	6.14	
			<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.65	
01 56 16 00-0050	SF		5/8" Type C Fire Rated Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	6.18	
			<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.65	
01 56 16 00-0051	SF		5/8" Type X Fire Rated Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	6.10	
			<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.65	
01 56 16 00-0052	SF		3/4" Fire Rated (Sheetrock® Ultracode®) Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center..... Note: Includes removal after use.	7.12	
			<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.65	
01 56 16 00-0053	SF		1/2" Type C Fire Rated Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center..... Note: Includes removal after use.	8.69	
			<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.74	
01 56 16 00-0054	SF		5/8" Type C Fire Rated Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center..... Note: Includes removal after use.	8.78	
			<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.74	
01 56 16 00-0055	SF		5/8" Type X Fire Rated Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center..... Note: Includes removal after use.	8.62	
			<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.74	
01 56 16 00-0056	SF		3/4" Fire Rated (Sheetrock® Ultracode®) Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center..... Note: Includes removal after use.	10.66	
			<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.74	
01 56 16 00-0057			Temporary Stud Wall With Oriented Strand Board (OSB) (01 56 16 00-0039) Note: Includes 2 x 4 wood studs installed 16" on center, single bottom and top plate, appropriate fastening devices, oriented strand board (OSB) wall sheathing, and removal after use. Excludes paint.		
01 56 16 00-0058	SF		7/16" Oriented Strand Board (OSB) Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	5.81	
			<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.65	
01 56 16 00-0059	SF		1/2" Oriented Strand Board (OSB) Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center..... Note: Includes removal after use.	5.87	
			<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.65	

01	General Requirements
01 50	Temporary Facilities and Controls
01 56	Temporary Barriers and Enclosures



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 56 16 00-0060	SF	5/8" Oriented Strand Board (OSB) Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center.....	6.03	
		Note: Includes removal after use.		
		<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.65	
01 56 16 00-0061	SF	3/4" Oriented Strand Board (OSB) Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center.....	6.11	
		Note: Includes removal after use.		
		<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.65	
01 56 16 00-0062	SF	7/16" Oriented Strand Board (OSB) Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center	8.05	
		Note: Includes removal after use.		
		<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.74	
01 56 16 00-0063	SF	1/2" Oriented Strand Board (OSB) Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center	8.16	
		Note: Includes removal after use.		
		<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.74	
01 56 16 00-0064	SF	5/8" Oriented Strand Board (OSB) Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center	8.47	
		Note: Includes removal after use.		
		<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.74	
01 56 16 00-0065	SF	3/4" Oriented Strand Board (OSB) Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center	8.64	
		Note: Includes removal after use.		
		<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.74	
01 56 16 00-0066		Temporary Stud Wall With BC Plywood (01 56 16 00-0039)		
		Note: Includes 2 x 4 wood studs installed 16" on center, single bottom and top plate, appropriate fastening devices, interior/exterior BC plywood wall sheathing, and removal after use. Excludes paint.		
01 56 16 00-0067	SF	3/8" BC Plywood Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center	6.19	
		Note: Includes removal after use.		
		<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.65	
01 56 16 00-0068	SF	1/2" BC Plywood Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center	6.39	
		Note: Includes removal after use.		
		<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.65	
01 56 16 00-0069	SF	5/8" BC Plywood Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center	6.64	
		Note: Includes removal after use.		
		<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.65	
01 56 16 00-0070	SF	3/4" BC Plywood Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center	6.81	
		Note: Includes removal after use.		
		<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.65	
01 56 16 00-0071	SF	3/8" BC Plywood Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center	8.79	
		Note: Includes removal after use.		
		<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.74	
01 56 16 00-0072	SF	1/2" BC Plywood Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center	9.19	
		Note: Includes removal after use.		
		<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.74	
01 56 16 00-0073	SF	5/8" BC Plywood Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center	9.69	
		Note: Includes removal after use.		
		<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.74	
01 56 16 00-0074	SF	3/4" BC Plywood Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center	10.04	
		Note: Includes removal after use.		
		<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.74	
01 56 16 00-0075		Temporary Stud Wall With Plastic Sheeting (01 56 16 00-0039)		
		Note: Includes 2 x 4 wood studs installed 16" on center, single bottom and top plate, appropriate fastening devices, 6 Mil plastic sheeting, and removal after use.		
01 56 16 00-0076	SF	6 Mil, Plastic Sheeting On One Side, Temporary Wood Stud Wall, 16" On Center	3.35	
		Note: Includes removal after use.		
		<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.55	
01 56 16 00-0077	SF	6 Mil, Fire Retardant, Plastic Sheeting On One Side, Temporary Wood Stud Wall, 16" On Center.....	3.43	
		Note: Includes removal after use.		
		<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.55	
01 56 16 00-0078	SF	6 Mil, Fire Retardant, Anti-static, Plastic Sheeting On One Side, Temporary Wood Stud Wall, 16" On Center	3.45	
		Note: Includes removal after use.		
		<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.55	
01 56 16 00-0079	SF	6 Mil, Reinforced, Plastic Sheeting On One Side, Temporary Wood Stud Wall, 16" On Center	3.44	
		Note: Includes removal after use.		
		<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.55	
01 56 16 00-0080	SF	6 Mil, Fire Retardant, Reinforced, Plastic Sheeting On One Side, Temporary Wood Stud Wall, 16" On Center	3.51	
		Note: Includes removal after use.		
		<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.55	
01 56 16 00-0081		14' High Temporary Stud Walls (01 56 16 00-0039)		
01 56 16 00-0082	LF	14' High Temporary Stud Wall	147.48	
		Note: Includes 2" x 4" wood studs 16" O.C., with 2" x 4" top and bottom stud, 3/4" plywood on one side, 5/8" gypsum board on one side, firetaped and finished, visqueen with 2' lap welded seams, R13 insulation and caulked at top and bottom.		
01 56 16 00-0083		Temporary Doors (01 56 16 00-0039)		
		Note: For temporary stud walls. Includes removal after use.		
01 56 16 00-0084	EA	Temporary Metal Door And Frame	579.11	
		Note: Painted with panic hardware, lockset, threshold and smoke seals. Remove after use.		
01 56 16 00-0085		Temporary Floor Protection (01 56 16)		
		Note: Includes removal after use.		



General Requirements			01	5
Temporary Facilities and Controls			01 50	
Temporary Barriers and Enclosures			01 56	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 56 16 00-0086	SF		1/8" Thick, Masonite For Temporary Floor Protection..... Note: Includes removal after use.	1.66	
01 56 16 00-0087	SF		1/2" Thick, Plywood For Temporary Floor Protection..... Note: Includes removal after use.	1.69	
01 56 16 00-0088	SF		3/4" Thick, Plywood For Temporary Floor Protection..... Note: Includes removal after use.	2.00	
01 56 16 00-0089	LF		38" Wide, 46 Mil Fiberboard, Ram Board® For Temporary Floor Protection..... Note: Includes removal after use.	1.07	
01 56 16 00-0090	LF		36" Wide, 9 Mil, Regular Weight Red Rosin Paper, For Temporary Floor Protection..... Note: Includes removal after use.	0.36	
01 56 16 00-0091	CSF		3 Mil, Temporary Self-adhesive Carpet Protection Film..... Note: Includes removal after use.	27.80	
01 56 16 00-0092	SF		Burlap For Temporary Floor Protection..... Note: Includes removal after use.	0.78	
01 56 16 00-0093 Sticky Mats (01 56 16)					
Note: Includes removal after use.					
01 56 16 00-0094	EA		18" x 36", 30 Layer Sticky Mat..... Note: Includes removal after use.	37.98	
For 60 Layers Instead Of 30, Add				24.84	
01 56 16 00-0095	EA		18" x 46", 30 Layer Sticky Mat..... Note: Includes removal after use.	43.50	
For 60 Layers Instead Of 30, Add				28.98	
01 56 16 00-0096	EA		24" x 36", 30 Layer Sticky Mat..... Note: Includes removal after use.	43.50	
For 60 Layers Instead Of 30, Add				28.98	
01 56 16 00-0097	EA		25" x 45", 30 Layer Sticky Mat..... Note: Includes removal after use.	57.30	
For 60 Layers Instead Of 30, Add				39.33	
01 56 16 00-0098	EA		36" x 36", 30 Layer Sticky Mat..... Note: Includes removal after use.	62.82	
For 60 Layers Instead Of 30, Add				43.47	
01 56 16 00-0099	EA		36" x 46", 30 Layer Sticky Mat..... Note: Includes removal after use.	68.34	
For 60 Layers Instead Of 30, Add				47.61	
01 56 16 00-0100	EA		36" x 60", 30 Layer Sticky Mat..... Note: Includes removal after use.	137.34	
For 60 Layers Instead Of 30, Add				99.36	
01 56 16 00-0101	EA		36" x 72", 30 Layer Sticky Mat..... Note: Includes removal after use.	163.83	
01 56 16 00-0102 Temporary Panel Assembly Rentals (Edge Guard) (01 56 16)					
01 56 16 00-0103 Barrier System Panels (01 56 16 00-0102)					
Note: Panels are adjustable from 7'-8" to 10'-0" height and includes self-leveling floor channel, 1/4" foam gasket to conform to ceiling, edge gaskets, grid clips, and cam locks.					
01 56 16 00-0104	WK		4' Panel Assembly Rental (Edge Guard 4000).....	122.35	
01 56 16 00-0105	MO		4' Panel Assembly Rental (Edge Guard 4000).....	561.04	
01 56 16 00-0106	WK		3' Panel Assembly Rental (Edge Guard 4001).....	115.35	
01 56 16 00-0107	MO		3' Panel Assembly Rental (Edge Guard 4001).....	534.83	
01 56 16 00-0108	WK		2' Panel Assembly Rental (Edge Guard 4002).....	90.89	
01 56 16 00-0109	MO		2' Panel Assembly Rental (Edge Guard 4002).....	422.09	
01 56 16 00-0110	WK		2' Panel Assembly With HEPA Filtered Air Discharge Port Rental (Edge Guard 4002.1).....	105.74	
01 56 16 00-0111	MO		2' Panel Assembly With HEPA Filtered Air Discharge Port Rental (Edge Guard 4002.1).....	487.64	
01 56 16 00-0112	WK		4' Panel Assembly Rental With 44" Door (Edge Guard 4003).....	242.94	
01 56 16 00-0113	MO		4' Panel Assembly Rental With 44" Door (Edge Guard 4003).....	1,119.47	
01 56 16 00-0114	WK		Hinged Corner Assembly Rental (Edge Guard 4004).....	41.95	
01 56 16 00-0115	MO		Hinged Corner Assembly Rental (Edge Guard 4004).....	188.76	
01 56 16 00-0116	WK		6" Panel Assembly Rental (Edge Guard 4005).....	57.68	
01 56 16 00-0117	MO		6" Panel Assembly Rental (Edge Guard 4005).....	267.41	
01 56 16 00-0118	WK		12" Panel Assembly Rental (Edge Guard 4006).....	64.67	
01 56 16 00-0119	MO		12" Panel Assembly Rental (Edge Guard 4006).....	296.25	
01 56 16 00-0120	WK		Outside Corner Post Rental (Edge Guard 4007).....	34.96	
01 56 16 00-0121	MO		Outside Corner Post Rental (Edge Guard 4007).....	157.30	
01 56 16 00-0122	WK		52" Panel Assembly Rental With 48" Door (Edge Guard 4008).....	445.69	
01 56 16 00-0123	MO		52" Panel Assembly Rental With 48" Door (Edge Guard 4008).....	2,055.41	
01 56 16 00-0124	WK		T Post Rental (Edge Guard 4009).....	34.96	
01 56 16 00-0125	MO		T Post Rental (Edge Guard 4009).....	157.30	
01 56 16 00-0126	WK		36" Panel Assembly Rental With 32" Door (Edge Guard 4010).....	225.47	
01 56 16 00-0127	MO		36" Panel Assembly Rental With 32" Door (Edge Guard 4010).....	1,211.23	
01 56 16 00-0128 Installation Of Barrier System Panels (01 56 16 00-0102)					
Note: Includes removal after use.					
01 56 16 00-0129	LF		Installation Of Panel Assembly Rental (Edge Guard)..... Note: Includes panels and corners	59.31	
01 56 26 Temporary Fencing (01 56)					
01 56 26 00-0001 Temporary Fencing (01 56 26)					
Note: Per ASTM A392-06 Standards					

01	General Requirements
01 50	Temporary Facilities and Controls
01 56	Temporary Barriers and Enclosures



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 56 26 00-0002		Temporary Chain Link Fence (01 56 26 00-0001) Note: Includes delivery, set-up (driving posts) and removal. Excludes auguring/drilling for posts. See CSI section 02 41 19 13-0082 for core drilling in asphalt or concrete, 32 31 13 13-0001 for augering and backfill of posts.		
01 56 26 00-0003		Temporary Chain Link Fence, Up To 6 Months (01 56 26 00-0002)		
01 56 26 00-0004	LF	Temporary 4' High Chain Link Fence And Posts, Up To 6 Months.....	7.12	
		For >100 To 250, Deduct.....	-0.16	
		For >250 To 500, Deduct.....	-0.32	
		For >500, Deduct.....	-0.48	
		For Each LF Shade Cloth, Add.....	1.60	
01 56 26 00-0005	LF	Temporary 6' High Chain Link Fence And Posts, Up To 6 Months.....	7.91	
		For >100 To 250, Deduct.....	-0.18	
		For >250 To 500, Deduct.....	-0.36	
		For >500, Deduct.....	-0.55	
		For Each LF Shade Cloth, Add.....	2.55	
01 56 26 00-0006	LF	Temporary 8' High Chain Link Fence And Posts, Up To 6 Months.....	10.83	
		For >100 To 250, Deduct.....	-0.37	
		For >250 To 500, Deduct.....	-0.62	
		For >500, Deduct.....	-0.92	
		For Each LF Shade Cloth, Add.....	3.60	
01 56 26 00-0007	LF	Temporary 10' High Chain Link Fence And Posts, Up To 6 Months.....	23.47	
		For >100 To 250, Deduct.....	-0.92	
		For >250 To 500, Deduct.....	-1.83	
		For >500, Deduct.....	-2.75	
		For Each LF Shade Cloth, Add.....	4.75	
01 56 26 00-0008		Temporary Chain Link Fence, >6 To 12 Months (01 56 26 00-0002)		
01 56 26 00-0009	LF	Temporary 4' High Chain Link Fence And Posts, >6 To 12 Months.....	7.45	
		For >100 To 250, Deduct.....	-0.18	
		For >250 To 500, Deduct.....	-0.36	
		For >500, Deduct.....	-0.53	
		For Each LF Shade Cloth, Add.....	1.60	
01 56 26 00-0010	LF	Temporary 6' High Chain Link Fence And Posts, >6 To 12 Months.....	8.27	
		For >100 To 250, Deduct.....	-0.20	
		For >250 To 500, Deduct.....	-0.40	
		For >500, Deduct.....	-0.60	
		For Each LF Shade Cloth, Add.....	2.55	
01 56 26 00-0011	LF	Temporary 8' High Chain Link Fence And Posts, >6 To 12 Months.....	11.44	
		For >100 To 250, Deduct.....	-0.34	
		For >250 To 500, Deduct.....	-0.68	
		For >500, Deduct.....	-1.02	
		For Each LF Shade Cloth, Add.....	3.60	
01 56 26 00-0012	LF	Temporary 10' High Chain Link Fence And Posts, >6 To 12 Months.....	25.29	
		For >100 To 250, Deduct.....	-1.01	
		For >250 To 500, Deduct.....	-2.01	
		For >500, Deduct.....	-3.02	
		For Each LF Shade Cloth, Add.....	4.75	
01 56 26 00-0013		Temporary Chain Link Fence, >12 To 18 Months (01 56 26 00-0002)		
01 56 26 00-0014	LF	Temporary 4' High Chain Link Fence And Posts, >12 To 18 Months.....	7.81	
		For >100 To 250, Deduct.....	-0.20	
		For >250 To 500, Deduct.....	-0.39	
		For >500, Deduct.....	-0.59	
		For Each LF Shade Cloth, Add.....	1.60	
01 56 26 00-0015	LF	Temporary 6' High Chain Link Fence And Posts, >12 To 18 Months.....	8.69	
		For >100 To 250, Deduct.....	-0.22	
		For >250 To 500, Deduct.....	-0.44	
		For >500, Deduct.....	-0.66	
		For Each LF Shade Cloth, Add.....	2.55	
01 56 26 00-0016	LF	Temporary 8' High Chain Link Fence And Posts, >12 To 18 Months.....	12.13	
		For >100 To 250, Deduct.....	-0.37	
		For >250 To 500, Deduct.....	-0.75	
		For >500, Deduct.....	-1.12	
		For Each LF Shade Cloth, Add.....	3.60	
01 56 26 00-0017	LF	Temporary 10' High Chain Link Fence And Posts, >12 To 18 Months.....	27.31	
		For >100 To 250, Deduct.....	-1.11	
		For >250 To 500, Deduct.....	-2.22	
		For >500, Deduct.....	-3.32	
		For Each LF Shade Cloth, Add.....	4.75	
01 56 26 00-0018		Temporary Chain Link Fence, >18 Months (01 56 26 00-0002)		
01 56 26 00-0019	LF	Temporary 4' High Chain Link Fence And Posts, >18 Months.....	8.20	
		For >100 To 250, Deduct.....	-0.22	
		For >250 To 500, Deduct.....	-0.43	
		For >500, Deduct.....	-0.65	
		For Each LF Shade Cloth, Add.....	1.60	
01 56 26 00-0020	LF	Temporary 6' High Chain Link Fence And Posts, >18 Months.....	9.10	
		For >100 To 250, Deduct.....	-0.24	
		For >250 To 500, Deduct.....	-0.48	
		For >500, Deduct.....	-0.72	
		For Each LF Shade Cloth, Add.....	2.55	



General Requirements			01
Temporary Facilities and Controls			01 50
Temporary Barriers and Enclosures			01 56

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 56 26 00-0021 LF Temporary 8' High Chain Link Fence And Posts, >18 Months For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct For Each LF Shade Cloth, Add	12.86 -0.41 -0.62 -1.23 3.60	
01 56 26 00-0022 LF Temporary 10' High Chain Link Fence And Posts, >18 Months..... For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct For Each LF Shade Cloth, Add	29.51 -1.22 -2.44 -3.65 4.75	
01 56 26 00-0023 Temporary Chain Link Fence Gates (01 56 26 00-0001) Note: Includes delivery, set-up (driving posts) and removal. Excludes auguring/drilling for posts. See CSI section 02 41 19 13-0082 for core drilling in asphalt or concrete, 32 31 13 13-0001 for auguring and backfill of posts.		
01 56 26 00-0024 Temporary Chain Link Fence Gates, Up To 6 Months (01 56 26 00-0023)		
01 56 26 00-0025 4' High, Temporary Chain Link Fence Gates, Up To 6 Months (01 56 26 00-0024)		
01 56 26 00-0026 EA 4' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months..... For Each LF Shade Cloth, Add	278.73 15.37	
01 56 26 00-0027 EA 10' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months..... For Each LF Shade Cloth, Add	475.69 38.42	
01 56 26 00-0028 EA 12' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months..... For Each LF Shade Cloth, Add	532.12 46.10	
01 56 26 00-0029 EA 15' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months..... For Each LF Shade Cloth, Add	606.04 57.63	
01 56 26 00-0030 EA 20' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months..... For Each LF Shade Cloth, Add	725.22 76.84	
01 56 26 00-0031 EA 24' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months..... For Each LF Shade Cloth, Add	808.01 92.20	
01 56 26 00-0032 6' High, Temporary Chain Link Fence Gates, Up To 6 Months (01 56 26 00-0024)		
01 56 26 00-0033 EA 4' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months..... For Each LF Shade Cloth, Add	298.77 24.49	
01 56 26 00-0034 EA 10' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months..... For Each LF Shade Cloth, Add	514.54 61.23	
01 56 26 00-0035 EA 12' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months..... For Each LF Shade Cloth, Add	576.93 73.47	
01 56 26 00-0036 EA 15' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months..... For Each LF Shade Cloth, Add	669.49 91.84	
01 56 26 00-0037 EA 20' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months..... For Each LF Shade Cloth, Add	808.86 122.46	
01 56 26 00-0038 EA 24' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months..... For Each LF Shade Cloth, Add	919.46 146.95	
01 56 26 00-0039 8' High, Temporary Chain Link Fence Gates, Up To 6 Months (01 56 26 00-0024)		
01 56 26 00-0040 EA 4' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months..... For Each LF Shade Cloth, Add	333.89 34.58	
01 56 26 00-0041 EA 10' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months..... For Shade Cloth, Add	590.79 86.44	
01 56 26 00-0042 EA 12' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months..... For Shade Cloth, Add	660.10 103.73	
01 56 26 00-0043 EA 15' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months..... For Shade Cloth, Add	756.26 129.66	
01 56 26 00-0044 EA 20' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months..... For Shade Cloth, Add	924.25 172.88	
01 56 26 00-0045 EA 24' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months..... For Shade Cloth, Add	1,075.52 207.46	
01 56 26 00-0046 10' High, Temporary Chain Link Fence Gates, Up To 6 Months (01 56 26 00-0024)		
01 56 26 00-0047 EA 4' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months..... For Each LF Shade Cloth, Add	403.86 45.62	
01 56 26 00-0048 EA 10' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months..... For Each LF Shade Cloth, Add	707.14 114.05	
01 56 26 00-0049 EA 12' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months..... For Each LF Shade Cloth, Add	791.75 136.86	
01 56 26 00-0050 EA 15' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months..... For Each LF Shade Cloth, Add	905.71 171.08	
01 56 26 00-0051 EA 20' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months..... For Each LF Shade Cloth, Add	1,107.19 228.10	
01 56 26 00-0052 EA 24' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months..... For Each LF Shade Cloth, Add	1,282.40 273.73	
01 56 26 00-0053 Temporary Chain Link Fence Gates, >6 To 12 Months (01 56 26 00-0023)		
01 56 26 00-0054 4' High, Temporary Chain Link Fence Gates, >6 To 12 Months (01 56 26 00-0053)		
01 56 26 00-0055 EA 4' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months..... For Each LF Shade Cloth, Add	289.02 15.37	

01	General Requirements
01 50	Temporary Facilities and Controls
01 56	Temporary Barriers and Enclosures



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 56 26 00-0056	EA	10' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months	491.70	
		<i>For Each LF Shade Cloth, Add</i>	38.42	
01 56 26 00-0057	EA	12' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months	550.41	
		<i>For Each LF Shade Cloth, Add</i>	46.10	
01 56 26 00-0058	EA	15' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months	626.62	
		<i>For Each LF Shade Cloth, Add</i>	57.63	
01 56 26 00-0059	EA	20' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months	750.37	
		<i>For Each LF Shade Cloth, Add</i>	76.84	
01 56 26 00-0060	EA	24' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months	835.46	
		<i>For Each LF Shade Cloth, Add</i>	92.20	
01 56 26 00-0061		6' High, Temporary Chain Link Fence Gates, >6 To 12 Months (01 56 26 00-0053)		
01 56 26 00-0062	EA	4' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months	309.53	
		<i>For Each LF Shade Cloth, Add</i>	24.49	
01 56 26 00-0063	EA	10' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months	531.28	
		<i>For Each LF Shade Cloth, Add</i>	61.23	
01 56 26 00-0064	EA	12' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months	596.06	
		<i>For Each LF Shade Cloth, Add</i>	73.47	
01 56 26 00-0065	EA	15' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months	691.00	
		<i>For Each LF Shade Cloth, Add</i>	91.84	
01 56 26 00-0066	EA	20' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months	835.15	
		<i>For Each LF Shade Cloth, Add</i>	122.46	
01 56 26 00-0067	EA	24' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months	948.15	
		<i>For Each LF Shade Cloth, Add</i>	146.95	
01 56 26 00-0068		8' High, Temporary Chain Link Fence Gates, >6 To 12 Months (01 56 26 00-0053)		
01 56 26 00-0069	EA	4' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months	345.72	
		<i>For Each LF Shade Cloth, Add</i>	34.58	
01 56 26 00-0070	EA	10' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months	609.20	
		<i>For Shade Cloth, Add</i>	86.44	
01 56 26 00-0071	EA	12' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months	681.14	
		<i>For Shade Cloth, Add</i>	103.73	
01 56 26 00-0072	EA	15' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months	779.93	
		<i>For Shade Cloth, Add</i>	129.66	
01 56 26 00-0073	EA	20' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months	953.18	
		<i>For Shade Cloth, Add</i>	172.88	
01 56 26 00-0074	EA	24' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months	1,107.07	
		<i>For Shade Cloth, Add</i>	207.46	
01 56 26 00-0075		10' High, Temporary Chain Link Fence Gates, >6 To 12 Months (01 56 26 00-0053)		
01 56 26 00-0076	EA	4' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months	418.65	
		<i>For Each LF Shade Cloth, Add</i>	45.62	
01 56 26 00-0077	EA	10' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months	730.15	
		<i>For Each LF Shade Cloth, Add</i>	114.05	
01 56 26 00-0078	EA	12' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months	818.04	
		<i>For Each LF Shade Cloth, Add</i>	136.86	
01 56 26 00-0079	EA	15' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months	935.29	
		<i>For Each LF Shade Cloth, Add</i>	171.08	
01 56 26 00-0080	EA	20' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months	1,143.35	
		<i>For Each LF Shade Cloth, Add</i>	228.10	
01 56 26 00-0081	EA	24' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months	1,321.85	
		<i>For Each LF Shade Cloth, Add</i>	273.73	
01 56 26 00-0082		Temporary Chain Link Fence Gates, >12 To 18 Months (01 56 26 00-0023)		
01 56 26 00-0083		4' High, Temporary Chain Link Fence Gates, >12 To 18 Months (01 56 26 00-0082)		
01 56 26 00-0084	EA	4' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months	299.82	
		<i>For Each LF Shade Cloth, Add</i>	15.37	
01 56 26 00-0085	EA	10' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months	508.50	
		<i>For Each LF Shade Cloth, Add</i>	38.42	
01 56 26 00-0086	EA	12' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months	569.62	
		<i>For Each LF Shade Cloth, Add</i>	46.10	
01 56 26 00-0087	EA	15' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months	648.23	
		<i>For Each LF Shade Cloth, Add</i>	57.63	
01 56 26 00-0088	EA	20' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months	776.78	
		<i>For Each LF Shade Cloth, Add</i>	76.84	
01 56 26 00-0089	EA	24' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months	864.27	
		<i>For Each LF Shade Cloth, Add</i>	92.20	
01 56 26 00-0090		6' High, Temporary Chain Link Fence Gates, >12 To 18 Months (01 56 26 00-0082)		
01 56 26 00-0091	EA	4' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months	320.82	
		<i>For Each LF Shade Cloth, Add</i>	24.49	
01 56 26 00-0092	EA	10' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months	548.85	
		<i>For Each LF Shade Cloth, Add</i>	61.23	
01 56 26 00-0093	EA	12' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months	616.14	
		<i>For Each LF Shade Cloth, Add</i>	73.47	
01 56 26 00-0094	EA	15' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months	713.60	
		<i>For Each LF Shade Cloth, Add</i>	91.84	



General Requirements			01
Temporary Facilities and Controls			01 50
Temporary Barriers and Enclosures			01 56

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST		UNIT COST
01 56 26 00-0095	EA 20' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months For Each LF Shade Cloth, Add	862.77 122.46		
01 56 26 00-0096	EA 24' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months For Each LF Shade Cloth, Add	978.28 146.95		
01 56 26 00-0097	8' High, Temporary Chain Link Fence Gates, >12 To 18 Months (01 56 26 00-0082)			
01 56 26 00-0098	EA 4' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months For Each LF Shade Cloth, Add	358.15 34.58		
01 56 26 00-0099	EA 10' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months For Shade Cloth, Add	628.53 86.44		
01 56 26 00-0100	EA 12' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months For Shade Cloth, Add	703.23 103.73		
01 56 26 00-0101	EA 15' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months For Shade Cloth, Add	804.78 129.66		
01 56 26 00-0102	EA 20' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months For Shade Cloth, Add	983.55 172.88		
01 56 26 00-0103	EA 24' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months For Shade Cloth, Add	1,140.21 207.46		
01 56 26 00-0104	10' High, Temporary Chain Link Fence Gates, >12 To 18 Months (01 56 26 00-0082)			
01 56 26 00-0105	EA 4' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months For Each LF Shade Cloth, Add	434.18 45.62		
01 56 26 00-0106	EA 10' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months For Each LF Shade Cloth, Add	754.31 114.05		
01 56 26 00-0107	EA 12' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months For Each LF Shade Cloth, Add	845.66 136.86		
01 56 26 00-0108	EA 15' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months For Each LF Shade Cloth, Add	966.36 171.08		
01 56 26 00-0109	EA 20' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months For Each LF Shade Cloth, Add	1,181.32 228.10		
01 56 26 00-0110	EA 24' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months For Each LF Shade Cloth, Add	1,363.27 273.73		
01 56 26 00-0111	Temporary Chain Link Fence Gates, >18 Months (01 56 26 00-0023)			
01 56 26 00-0112	4' High, Temporary Chain Link Fence Gates, >18 Months (01 56 26 00-0111)			
01 56 26 00-0113	EA 4' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months For Each LF Shade Cloth, Add	310.63 15.37		
01 56 26 00-0114	EA 10' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months For Each LF Shade Cloth, Add	525.31 38.42		
01 56 26 00-0115	EA 12' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months For Each LF Shade Cloth, Add	588.83 46.10		
01 56 26 00-0116	EA 15' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months For Each LF Shade Cloth, Add	669.84 57.63		
01 56 26 00-0117	EA 20' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months For Each LF Shade Cloth, Add	803.19 76.84		
01 56 26 00-0118	EA 24' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months For Each LF Shade Cloth, Add	893.08 92.20		
01 56 26 00-0119	6' High, Temporary Chain Link Fence Gates, >18 Months (01 56 26 00-0111)			
01 56 26 00-0120	EA 4' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months For Each LF Shade Cloth, Add	332.12 24.49		
01 56 26 00-0121	EA 10' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months For Each LF Shade Cloth, Add	566.42 61.23		
01 56 26 00-0122	EA 12' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months For Each LF Shade Cloth, Add	636.22 73.47		
01 56 26 00-0123	EA 15' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months For Each LF Shade Cloth, Add	736.19 91.84		
01 56 26 00-0124	EA 20' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months For Each LF Shade Cloth, Add	890.38 122.46		
01 56 26 00-0125	EA 24' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months For Each LF Shade Cloth, Add	1,008.40 146.95		
01 56 26 00-0126	8' High, Temporary Chain Link Fence Gates, >18 Months (01 56 26 00-0111)			
01 56 26 00-0127	EA 4' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months For Each LF Shade Cloth, Add	370.58 34.58		
01 56 26 00-0128	EA 10' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months For Shade Cloth, Add	647.85 86.44		
01 56 26 00-0129	EA 12' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months For Shade Cloth, Add	725.32 103.73		
01 56 26 00-0130	EA 15' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months For Shade Cloth, Add	829.63 129.66		
01 56 26 00-0131	EA 20' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months For Shade Cloth, Add	1,013.93 172.88		
01 56 26 00-0132	EA 24' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months For Shade Cloth, Add	1,173.34 207.46		

01	General Requirements
01 50	Temporary Facilities and Controls
01 56	Temporary Barriers and Enclosures



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

01 56 26 00-0133		10' High, Temporary Chain Link Fence Gates, >18 Months (01 56 26 00-0111)	
01 56 26 00-0134	EA	4' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months	449.72
		For Each LF Shade Cloth, Add	45.62
01 56 26 00-0135	EA	10' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months	778.47
		For Each LF Shade Cloth, Add	114.05
01 56 26 00-0136	EA	12' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months	873.27
		For Each LF Shade Cloth, Add	136.86
01 56 26 00-0137	EA	15' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months	997.42
		For Each LF Shade Cloth, Add	171.08
01 56 26 00-0138	EA	20' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months	1,219.28
		For Each LF Shade Cloth, Add	228.10
01 56 26 00-0139	EA	24' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months	1,404.69
		For Each LF Shade Cloth, Add	273.73
01 56 26 00-0140		Temporary Chain Link Fence Panels (Portable) (01 56 26 00-0001)	
		Note: Includes delivery, set-up and removal. Excludes sandbags.	
01 56 26 00-0141		Temporary Chain Link Fence Panels (Portable), Up To 6 Months (01 56 26 00-0140)	
01 56 26 00-0142	LF	Temporary 4' High Chain Link Fence Panels (Portable), Up To 6 Months	7.76
		For >100 To 250, Deduct	-0.19
		For >250 To 500, Deduct	-0.39
		For >500, Deduct	-0.58
		For Each LF Shade Cloth, Add	1.60
01 56 26 00-0143	LF	Temporary 6' High Chain Link Fence Panels (Portable), Up To 6 Months	8.61
		For >100 To 250, Deduct	-0.22
		For >250 To 500, Deduct	-0.43
		For >500, Deduct	-0.65
		For Each LF Shade Cloth, Add	2.55
01 56 26 00-0144	LF	Temporary 8' High Chain Link Fence Panels (Portable), Up To 6 Months	11.66
		For >100 To 250, Deduct	-0.35
		For >250 To 500, Deduct	-0.70
		For >500, Deduct	-1.05
		For Each LF Shade Cloth, Add	3.60
01 56 26 00-0145		Temporary Chain Link Fence Panels (Portable), >6 To 12 Months (01 56 26 00-0140)	
01 56 26 00-0146	LF	Temporary 4' High Chain Link Fence Panels (Portable), >6 To 12 Months	8.09
		For >100 To 250, Deduct	-0.21
		For >250 To 500, Deduct	-0.42
		For >500, Deduct	-0.63
		For Each LF Shade Cloth, Add	1.60
01 56 26 00-0147	LF	Temporary 6' High Chain Link Fence Panels (Portable), >6 To 12 Months	8.96
		For >100 To 250, Deduct	-0.23
		For >250 To 500, Deduct	-0.47
		For >500, Deduct	-0.70
		For Each LF Shade Cloth, Add	2.55
01 56 26 00-0148	LF	Temporary 8' High Chain Link Fence Panels (Portable), >6 To 12 Months	12.26
		For >100 To 250, Deduct	-0.38
		For >250 To 500, Deduct	-0.76
		For >500, Deduct	-1.14
		For Each LF Shade Cloth, Add	3.60
01 56 26 00-0149		Temporary Chain Link Fence Panels (Portable), >12 To 18 Months (01 56 26 00-0140)	
01 56 26 00-0150	LF	Temporary 4' High Chain Link Fence Panels (Portable), >12 To 18 Months	8.42
		For >100 To 250, Deduct	-0.23
		For >250 To 500, Deduct	-0.45
		For >500, Deduct	-0.68
		For Each LF Shade Cloth, Add	1.60
01 56 26 00-0151	LF	Temporary 6' High Chain Link Fence Panels (Portable), >12 To 18 Months	9.38
		For >100 To 250, Deduct	-0.26
		For >250 To 500, Deduct	-0.51
		For >500, Deduct	-0.77
		For Each LF Shade Cloth, Add	2.55
01 56 26 00-0152	LF	Temporary 8' High Chain Link Fence Panels (Portable), >12 To 18 Months	12.95
		For >100 To 250, Deduct	-0.41
		For >250 To 500, Deduct	-0.83
		For >500, Deduct	-1.24
		For Each LF Shade Cloth, Add	3.60
01 56 26 00-0153		Temporary Chain Link Fence Panels (Portable), >18 Months (01 56 26 00-0140)	
01 56 26 00-0154	LF	Temporary 4' High Chain Link Fence Panels (Portable), >18 Months	8.83
		For >100 To 250, Deduct	-0.25
		For >250 To 500, Deduct	-0.49
		For >500, Deduct	-0.74
		For Each LF Shade Cloth, Add	1.60
01 56 26 00-0155	LF	Temporary 6' High Chain Link Fence Panels (Portable), >18 Months	9.79
		For >100 To 250, Deduct	-0.28
		For >250 To 500, Deduct	-0.55
		For >500, Deduct	-0.83
		For Each LF Shade Cloth, Add	2.55



General Requirements			01
Temporary Facilities and Controls			01 50
Temporary Barriers and Enclosures			01 56

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 56 26 00-0156 LF Temporary 8' High Chain Link Fence Panels (Portable), >18 Months For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct For Each LF Shade Cloth, Add	13.67 -0.45 -0.90 -1.35 3.60	
01 56 26 00-0157 Temporary Chain Link Fence Panels (Portable) Sandbags (01 56 26 00-0140)		
01 56 26 00-0158 BAG Temporary Chain Link Fence Panels (Portable) Sandbag..... Note: Includes placement and removal.	7.34	
01 56 26 00-0159 Relocate Chain Link Fence, Gates And Panels (01 56 26 00-0001) Note: Excludes auguring/drilling for posts.		
01 56 26 00-0160 Relocate Temporary Chain Link Fence On Site (01 56 26 00-0159)		
01 56 26 00-0161 LF Relocate Temporary 4' High Chain Link Fence And Posts	3.49	
01 56 26 00-0162 LF Relocate Temporary 6' High Chain Link Fence And Posts	5.22	
01 56 26 00-0163 LF Relocate Temporary 8' High Chain Link Fence And Posts	7.54	
01 56 26 00-0164 LF Relocate Temporary 10' High Chain Link Fence And Posts	9.28	
01 56 26 00-0165 Relocate Temporary Chain Link Fence Panels On Site (01 56 26 00-0159)		
01 56 26 00-0166 LF Relocate Temporary 4' High Chain Link Fence Panel, Self Standing.....	0.97	
01 56 26 00-0167 LF Relocate Temporary 6' High Chain Link Fence Panel, Self Standing.....	1.16	
01 56 26 00-0168 LF Relocate Temporary 8' High Chain Link Fence Panel, Self Standing.....	1.31	
01 56 26 00-0169 Relocate Temporary Chain Link Gates On Site (01 56 26 00-0159)		
01 56 26 00-0170 EA Relocate Temporary 4' High Chain Link Vehicle Gate And Posts.....	126.36	
01 56 26 00-0171 EA Relocate Temporary 6' High Chain Link Vehicle Gate And Posts.....	145.80	
01 56 26 00-0172 EA Relocate Temporary 8' High Chain Link Vehicle Gate And Posts.....	179.83	
01 56 26 00-0173 EA Relocate Temporary 10' High Chain Link Vehicle Gate And Posts.....	194.41	
01 56 26 00-0174 Temporary Rail And Timber Structure (01 56 26)		
01 56 26 00-0175 LF 4' High Temporary Rail And Timber Structure Note: Includes steel posts, rails and plates, excavation, concrete, forming, finish, backfill and creosoted planking with 2" gaps	232.63	
01 56 26 00-0176 LF 6' High Temporary Rail And Timber Structure Note: Includes steel posts, rails and plates, excavation, concrete, forming, finish, backfill and creosoted planking with 2" gaps	331.70	
01 56 26 00-0177 LF 8' High Temporary Rail And Timber Structure Note: Includes steel posts, rails and plates, excavation, concrete, forming, finish, backfill and creosoted planking with 2" gaps	430.78	
01 56 26 00-0178 LF 10' High Temporary Rail And Timber Structure Note: Includes steel posts, rails and plates, excavation, concrete, forming, finish, backfill and creosoted planking with 2" gaps	550.23	
01 56 26 00-0179 LF 12' High Temporary Rail And Timber Structure Note: Includes steel posts, rails and plates, excavation, concrete, forming, finish, backfill and creosoted planking with 2" gaps	639.57	
01 56 26 00-0180 LF 15' High Temporary Rail And Timber Structure Note: Includes steel posts, rails and plates, excavation, concrete, forming, finish, backfill and creosoted planking with 2" gaps	733.79	
01 56 26 00-0181 Temporary Safety Fence (01 56 26) Note: Includes removal after use.		
01 56 26 00-0182 LF 48" High With Posts At 8' On Center, Plastic Mesh Temporary Safety Fence	3.63	
01 56 29 Temporary Protective Walkways (01 56)		
01 56 29 00-0001 Temporary Sidewalk Bridge Protection (01 56 29)		
01 56 29 00-0002 Installation of Sidewalk Bridge (01 56 29 00-0001)		
01 56 29 00-0003 LF Installation of Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly Note: Includes spanning openings, planking and parapet, lighting, up to 8' wide, up to 8' high, 2 post system. For 3 Post System, Add For Each Additional Foot Over 8' Wide, Add For Each Additional Foot Over 8' High, Add	168.19 6.00 3.00 2.00	
01 56 29 00-0004 LF Installation of Netting for Sidewalk Bridge	4.28	
01 56 29 00-0005 Monthly Rental of Sidewalk Bridge (01 56 29 00-0001)		
01 56 29 00-0006 LF Monthly Rental Of Up To 8' Wide And 8' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly..... Note: Includes spanning openings, planking and parapet, lighting and maintenance. For 3 Post System, Add	15.04 2.26	
01 56 29 00-0007 LF Monthly Rental Of Up To 8' Wide, 8' - 12' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly..... Note: Includes spanning openings, planking and parapet, lighting and maintenance. For 3 Post System, Add	16.94 2.54	

01	General Requirements
01 50	Temporary Facilities and Controls
01 56	Temporary Barriers and Enclosures



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 56 29 00-0008	LF	Monthly Rental Of Up To 8' Wide, Over 12' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly..... Note: Includes spanning openings, planking and parapet, lighting and maintenance.	18.82	
		For 3 Post System, Add	2.82	
01 56 29 00-0009	LF	Monthly Rental Of 8' - 12' Wide And 8' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly..... Note: Includes spanning openings, planking and parapet, lighting and maintenance.	18.82	
		For 3 Post System, Add	2.82	
01 56 29 00-0010	LF	Monthly Rental Of 8' - 12' Wide, 8' - 12' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly..... Note: Includes spanning openings, planking and parapet, lighting and maintenance.	20.68	
		For 3 Post System, Add	3.10	
01 56 29 00-0011	LF	Monthly Rental Of 8' - 12' Wide, Over 12' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly..... Note: Includes spanning openings, planking and parapet, lighting and maintenance.	24.48	
		For 3 Post System, Add	3.67	
01 56 29 00-0012	LF	Monthly Rental Of Over 12' Wide And 8' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly..... Note: Includes spanning openings, planking and parapet, lighting and maintenance.	22.60	
		For 3 Post System, Add	3.39	
01 56 29 00-0013	LF	Monthly Rental Of Over 12' Wide, 8' - 12' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly..... Note: Includes spanning openings, planking and parapet, lighting and maintenance.	26.36	
		For 3 Post System, Add	3.95	
01 56 29 00-0014	LF	Monthly Rental Of Over 12' Wide, Over 12' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly..... Note: Includes spanning openings, planking and parapet, lighting and maintenance.	28.20	
		For 3 Post System, Add	4.23	
01 56 29 00-0015	LF	Monthly Rental of Netting for Sidewalk Bridge.....	2.82	
01 56 29 00-0016		Removal of Sidewalk Bridge (01 56 29 00-0001)		
01 56 29 00-0017	LF	Removal Of Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly..... Note: Includes spanning openings, planking and parapet, lighting, up to 8' wide, up to 8' high, 2 post system.	35.01	
		For 3 Post System, Add	2.50	
		For Each Additional Foot Over 8' Wide, Add	1.25	
		For Each Additional Foot Over 8' High, Add	0.75	
01 56 29 00-0018	LF	Removal Of Netting For Sidewalk Bridge.....	2.14	
01 56 29 00-0019		Temporary Safety Nets (01 56 29)		
		Note: Includes removal after use.		
01 56 29 00-0020	SF	Small Mesh Debris Netting..... Note: Includes 3" molded plastic base plates, plastic cable ties, and 1/4", 7x9 aircraft cable tied off to structure, not including anchors.	2.31	
01 56 33		Temporary Security Barriers (01 56)		
01 56 33 00-0001		Board-up Opening With Plywood (01 56 33)		
		Note: For use where directed by owner for boarding up door and window openings.		
01 56 33 00-0002	OPNG	Removal Of Protective Barrier To Allow Work In Building, Reseal At End Of Day, Per Opening Per Day.....	14.59	
01 56 33 00-0003	SF	5/8" Thick Plywood, 2" x 4" Wood Stud Framing And Fasteners, For Board-Up Opening.....	8.10	
01 56 33 00-0004	SF	3/4" Thick Plywood, 2" x 4" Wood Stud Framing And Fasteners, For Board-Up Opening.....	9.37	
01 56 33 00-0005		Temporary Pedestrian Barricade (01 56 33)		
		Note: Portable, interlocking galvanized steel fence with pivoting legs.		
01 56 33 00-0006	DAY	3-1/2' x 7-1/2' Galvanized Steel Pedestrian Barricade, Rental.....	14.05	
01 56 33 00-0007	WK	3-1/2' x 7-1/2' Galvanized Steel Pedestrian Barricade, Rental.....	34.12	
01 56 33 00-0008	MO	3-1/2' x 7-1/2' Galvanized Steel Pedestrian Barricade, Rental.....	102.37	
01 56 39		Temporary Tree and Plant Protection (01 56)		
01 56 39 00-0001		Temporary Tree Guards (01 56 39)		
		Note: Includes digging holes and removal after use.		
01 56 39 00-0002	EA	Up To 4' x 4' Temporary Tree Guard, 2" x 4" Wood Stud Framing Construction, 4 Uprights Set In Earth 2' Deep, With Double Rail.....	209.00	
01 56 39 00-0003	EA	4' x 4' Temporary Tree Guard, 2" x 4" Wood Stud Framing Construction, 4 Uprights Set In Earth 2' Deep, With Double Rail.....	247.09	
01 56 39 00-0004	EA	6' x 6' Temporary Tree Guard, 2" x 4" Wood Stud Framing Construction, 4 Uprights Set In Earth 2' Deep, With Double Rail.....	268.39	
01 57		Temporary Controls (01 50)		
01 57 13		Temporary Erosion and Sediment Control (01 57)		
		See CSI section 31 25 00 00-0000 for temporary erosion and sediment control.		
01 57 23		Temporary Storm Water Pollution Control (01 57)		
		See CSI section 31 25 00 00-0000 for temporary storm water pollution control.		
01 57 23 00-0001		Temporary Drain Guard (01 57 23)		
		Note: Includes removal after use.		



General Requirements			01
Temporary Facilities and Controls			01 50
Temporary Controls			01 57

MINOR CSI UOM DESCRIPTION			TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 57 23 00-0002	EA	36" x 48" x 18" Non-Woven Polypropylene Trash and Debris Drain Guard (Ultra-Drain Guard® 9227).....	111.93	
01 57 23 00-0003	EA	36" x 48" x 18" Non-Woven Polypropylene Oil and Sediment Drain Guard (Ultra-Drain Guard® 9217)..... Note: Up to 0.87 gallons oil, up to 40 lbs sediment.	109.86	
01 57 23 00-0004	EA	36" x 48" x 18" Non-Woven Polypropylene Oil and Sediment Drain Guard (Ultra-Drain Guard® 9219)..... Note: Up to 1.38 gallons oil, up to 40 lbs sediment.	138.95	
01 57 23 00-0005	EA	60" x 60" x 18" Non-Woven Polypropylene Oil and Sediment Drain Guard (Ultra-Drain Guard® 9356)..... Note: Up to 1.55 gallons oil, up to 40 lbs sediment.	136.86	
01 57 23 00-0006	EA	60" x 60" x 18" Non-Woven Polypropylene Oil and Sediment Drain Guard (Ultra-Drain Guard® 9358)..... Note: Up to 2.06 gallons oil, up to 40 lbs sediment.	168.03	
01 57 26 Site Watering for Dust Control (01 57)				
01 57 26 00-0001 Site Watering for Dust Control (01 57 26)				
01 57 26 00-0002	MSF	Apply Synthetic, Liquid Dust Suppression Fluid With GTL Technology (Soil Works Durasoil) Note: GTL (Gas-to-Liquid)	114.96	
01 57 26 00-0003	MSF	Apply 2% Solution Of Biodegradable, Liquid Copolymer Dust Suppression Fluid To Ground (Soil Works Gorilla-Snot).....	42.89	
01 57 26 00-0004	MSF	Apply 4% Solution Of Biodegradable, Liquid Copolymer Dust Suppression Fluid To Ground (Soil Works Gorilla-Snot).....	64.57	
01 57 26 00-0005	MSF	Apply 8% Solution Of Biodegradable, Liquid Copolymer Dust Suppression Fluid To Ground (Soil Works Gorilla-Snot).....	107.94	
01 57 26 00-0006	MSF	Apply 12% Solution Of Biodegradable, Liquid Copolymer Dust Suppression Fluid To Ground (Soil Works Gorilla-Snot).....	151.31	
01 58 Project Identification (01 50) Note: Includes removal after use.				
01 58 13 Temporary Project Signage (01 58)				
01 58 13 00-0001		Project Sign (01 58 13)		
01 58 13 00-0002		MDO Plywood Signs (01 58 13 00-0001) Note: Excludes posts.		
01 58 13 00-0003		Reflectorized, MDO Plywood Signs (01 58 13 00-0002)		
01 58 13 00-0004		Engineer Grade, Reflectorized, MDO Plywood Signs (01 58 13 00-0003)		
01 58 13 00-0005	EA	Up To 8 SF, One Or Two Color Design, Engineer Grade, Reflectorized, MDO Plywood Sign For High-Intensity Grade, Add For Diamond Grade, Add	177.88 43.54 83.98	26.74
01 58 13 00-0006	EA	>8 To 16 SF, One Or Two Color Design, Engineer Grade, Reflectorized, MDO Plywood Sign For High-Intensity Grade, Add For Diamond Grade, Add	304.73 87.09 167.96	27.95
01 58 13 00-0007	EA	>16 To 24 SF, One Or Two Color Design, Engineer Grade, Reflectorized, MDO Plywood Sign For High-Intensity Grade, Add For Diamond Grade, Add	431.57 130.63 251.94	29.16
01 58 13 00-0008	EA	>24 To 32 SF, One Or Two Color Design, Engineer Grade, Reflectorized, MDO Plywood Sign For High-Intensity Grade, Add For Diamond Grade, Add	558.42 174.18 335.92	30.38
01 58 13 00-0009	SF	>32 SF, One Or Two Color Design, Engineer Grade, Reflectorized, MDO Plywood Sign For High-Intensity Grade, Add For Diamond Grade, Add	17.50 5.44 10.50	0.97
01 58 13 00-0010		Non-Reflectorized, MDO Plywood Signs (01 58 13 00-0002)		
01 58 13 00-0011		One Or Two Color Design, Non-Reflectorized, MDO Plywood Signs (01 58 13 00-0010)		
01 58 13 00-0012	EA	Up To 8 SF, One Or Two Color Design, Non-Reflectorized, MDO Plywood Sign.....	222.27	26.74
01 58 13 00-0013	EA	>8 To 16 SF, One Or Two Color Design, Non-Reflectorized, MDO Plywood Sign	264.99	27.95
01 58 13 00-0014	EA	>16 To 24 SF, One Or Two Color Design, Non-Reflectorized, MDO Plywood Sign	331.67	29.16
01 58 13 00-0015	EA	>24 To 32 SF, One Or Two Color Design, Non-Reflectorized, MDO Plywood Sign	394.64	30.38
01 58 13 00-0016	SF	>32 SF, One Or Two Color Design, Non-Reflectorized, MDO Plywood Sign	12.38	0.97
01 58 13 00-0017		Full Color Design, Non-Reflectorized, MDO Plywood Signs (01 58 13 00-0010)		
01 58 13 00-0018	EA	Up To 8 SF, Full Color Design, Non-Reflectorized, MDO Plywood Sign	227.02	26.74
01 58 13 00-0019	EA	>8 To 16 SF, Full Color Design, Non-Reflectorized, MDO Plywood Sign	290.60	27.95
01 58 13 00-0020	EA	>16 To 24 SF, Full Color Design, Non-Reflectorized, MDO Plywood Sign	357.70	29.16
01 58 13 00-0021	EA	>24 To 32 SF, Full Color Design, Non-Reflectorized, MDO Plywood Sign	416.95	30.38
01 58 13 00-0022	SF	>32 SF, Full Color Design, Non-Reflectorized, MDO Plywood Sign	13.08	0.97
01 58 13 00-0023		Fabricate And Install New Posts (01 58 13 00-0001) Note: Includes excavation, backfill and compaction. Excludes core drilling.		
01 58 13 00-0024	LF	Galvanized Metal Channel Sign Posts.....	15.42	
01 58 13 00-0025	LF	4" x 4" Pressure Treated Wood Sign Posts	12.33	
01 58 13 00-0026	LF	4" x 6" Pressure Treated Wood Sign Posts	15.24	
01 58 13 00-0027		Owner Supplied Signs (01 58 13 00-0001)		
01 58 13 00-0028	EA	Installation And Removal Of Owner Supplied Project Sign.....	97.21	

01	01	General Requirements
	01 50	Temporary Facilities and Controls
	01 58	Project Identification



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

01 60 Product Requirements (01)

01 65 Product Delivery Requirements (01 60)

01 65 00 00-0001			Helicopter Lift (01 65) Note: Includes Helicopter, Crew, Permits, Fuel And Clearances		
01 65 00 00-0002	DAY		Helicopter Lift <3,500Lbs Note: Maximum of (3) Operations, Helicopter Crew, Helicopter, Rigging. Includes Day Permit for FAA Permit, Street Closure fees and Right of way. Signage , Safety Rigging Landing Plan. Clearing, Cleaning and Delineation of Landing Zone, Drop Zone, and Alternate landing Area. Delineation and closure of Ingress Egress routes. For Weekend Day Usage, Add	35,872.31	3,500.00

01 66 Product Storage and Handling Requirements (01 60)

01 66 19 Product Handling Requirements (01 66)

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

01 66 19 00-0001			Transfer Delivered Materials Between Floors (01 66 19) Note: For moving delivered, owner supplied or existing materials in a building.		
01 66 19 00-0002	CY		Transfer Delivered Material Between Floors Via Stairs, Per Floor Note: Quantity equals volume of materials multiplied by number of floors traveled.	18.69	
01 66 19 00-0003	CY		Transfer Delivered Material Between Floors Via Elevator, Per Trip Note: Quantity is not multiplied by number of floors traveled. Includes transfer of materials between elevators, if more than one bank of elevators is required.	12.15	
01 66 19 00-0004			Transfer Delivered Materials Distances Greater Than 125' (01 66 19) Note: For moving delivered, owner supplied or existing materials in a building.		
01 66 19 00-0005	CY		Transfer Delivered Materials Distances Greater Than 125', Per CY Of Material Per 125' 	7.59	
01 66 19 00-0006			Transfer Demolition Debris Between Floors (01 66 19) Note: Only for use with demolition tasks.		
01 66 19 00-0007	CY		Transfer Demolition Debris Between Floors Via Stairs, Per Floor Note: Quantity equals material volume times bulk factor times number of floors traveled.	18.69	
01 66 19 00-0008	CY		Transfer Demolition Debris Between Floors Via Elevator, Per Trip Note: Quantity is not multiplied by number of floors traveled. Includes transfer of materials between elevators, if more than one bank of elevators is required.	12.15	
01 66 19 00-0009			Transfer Demolition Debris Distances Greater Than 125' (01 66 19) Note: Only for use with demolition tasks.		
01 66 19 00-0010	CY		Transfer Demolition Debris Distances Greater Than 125', Per CY Of Material Per 125' 	7.59	
01 66 19 00-0011			Moving Furniture And Furnishings (01 66 19) Note: To be used when contractor is required to move furniture and furnishings occupying 55% or more of the total floor space.		
01 66 19 00-0012	SF		Removal, Transportation, Return And Reinstallation Of Office Furniture And Furnishings Note: Includes desks, tables, file cabinets, chairs, storage boxes, bookshelves, office equipment, computers, and other furniture and furnishings. Quantity equals total floor space.	1.21	

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

01 66 23 00-0001			Climate And Humidity Controlled Off-site Storage Facility (01 66 23)		
01 66 23 00-0002	MO		5' x 10', Climate And Humidity Controlled Storage Facility 	299.47	
01 66 23 00-0003	MO		10' x 10', Climate And Humidity Controlled Storage Facility 	335.50	
01 66 23 00-0004	MO		10' x 20', Climate And Humidity Controlled Storage Facility 	616.96	
01 66 23 00-0005	MO		15' x 15', Climate And Humidity Controlled Storage Facility 	758.82	
01 66 23 00-0006	MO		10' x 30', Climate And Humidity Controlled Storage Facility 	972.73	

01 70 Execution and Closeout Requirements (01)

01 71 Examination and Preparation (01 70)

01 71 13 Mobilization (01 71)

01 71 13 00-0001			Equipment Delivery, Pickup, Mobilization And Demobilization (01 71 13) Note: Excludes flagman for traffic control where necessary. Per each mobilization delivery.		
01 71 13 00-0002	EA		Equipment Delivery, Pickup, Mobilization And Demobilization Using A Rollback Flatbed Truck Note: Includes loading, tie-down of equipment, delivery of equipment, off loading on site, rigging, dismantling, loading for return and transporting away. For equipment such as trenchers, skid-steer loaders (bobcats), industrial warehouse forklifts, sweepers, scissor platform lifts, telescoping and articulating boom man lifts with up to 40' boom lengths, etc.	475.39	
01 71 13 00-0003	MI		>25 Miles, Equipment Delivery And Pickup Using A Rollback Flatbed Truck Note: Excludes first 25 miles.	5.08	



General Requirements			01	Σ
Execution and Closeout Requirements			01 70	
Examination and Preparation			01 71	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 71 13 00-0004	EA		Equipment Delivery, Pickup, Mobilization And Demobilization Using A Tractor Trailer With Up To 53' Bed..... Note: Includes loading, tie-down of equipment, delivery of equipment, off loading on site, rigging, dismantling, loading for return and transporting away. For equipment such as bulldozers, motor scrapers, hydraulic excavators, gradalls, road graders, loader-backhoes, heavy duty construction loaders, tractors, pavers, rollers, bridge finishers, straight mast construction forklifts, telescoping boom rough terrain construction forklifts, telescoping and articulating boom man lifts with >40' boom lengths, etc.	1,511.41	
01 71 13 00-0005	MI		>25 Miles, Equipment Delivery And Pickup Using A Tractor Trailer With Up To 53' Bed Note: Excludes first 25 miles.	12.09	
01 71 13 00-0006			Crane Delivery, Pickup, Mobilization And Demobilization (01 71 13) Note: Includes delivery of equipment, off loading on site and rigging. Pick-up (return) includes dismantling, loading and transporting away. Excludes flagman for traffic control where necessary.		
01 71 13 00-0007	EA		Up To 20 Ton Lift Move On/Off Cost, Hydraulic Crane..... Note: Includes delivery and pickup.	507.09	
			For >30 To 60 Miles Radius, Add	126.77	
			For >60 To 100 Miles Radius, Add	202.84	
01 71 13 00-0008	EA		>20 To 40 Ton Lift Move On/Off Cost, Hydraulic Crane Note: Includes delivery and pickup.	824.01	
			For >30 To 60 Miles Radius, Add	206.00	
			For >60 To 100 Miles Radius, Add	329.60	
01 71 13 00-0009	EA		>40 To 70 Ton Lift Move On/Off Cost, Hydraulic Crane Note: Includes delivery and pickup.	1,140.95	
			For >30 To 60 Miles Radius, Add	285.24	
			For >60 To 100 Miles Radius, Add	456.38	
01 71 13 00-0010	EA		>70 To 110 Ton Lift Move On/Off Cost, Hydraulic Crane Note: Includes delivery and pickup.	1,838.19	
			For >30 To 60 Miles Radius, Add	459.55	
			For >60 To 100 Miles Radius, Add	735.28	
01 71 13 00-0011	EA		>110 To 125 Ton Lift Move On/Off Cost, Hydraulic Crane Note: Includes delivery and pickup.	2,307.25	
			For >30 To 60 Miles Radius, Add	576.81	
			For >60 To 100 Miles Radius, Add	922.90	
01 71 13 00-0012	EA		>125 To 150 Ton Lift Move On/Off Cost, Hydraulic Crane Note: Includes delivery and pickup.	2,871.38	
			For >30 To 60 Miles Radius, Add	717.85	
			For >60 To 100 Miles Radius, Add	1,148.55	
01 71 13 00-0013	EA		>150 To 185 Ton Lift Move On/Off Cost, Hydraulic Crane Note: Includes delivery and pickup.	3,308.74	
			For >30 To 60 Miles Radius, Add	827.19	
			For >60 To 100 Miles Radius, Add	1,323.50	
01 71 13 00-0014	EA		>185 To 210 Ton Lift Move On/Off Cost, Hydraulic Crane Note: Includes delivery and pickup.	3,701.75	
			For >30 To 60 Miles Radius, Add	925.44	
			For >60 To 100 Miles Radius, Add	1,480.70	
01 71 13 00-0015	EA		75 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane..... Note: Includes delivery, rigging and pickup.	1,964.97	
			For >30 To 60 Miles Radius, Add	491.24	
			For >60 To 100 Miles Radius, Add	785.99	
01 71 13 00-0016	EA		100 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane..... Note: Includes delivery, rigging and pickup.	3,105.92	
			For >30 To 60 Miles Radius, Add	776.48	
			For >60 To 100 Miles Radius, Add	1,242.37	
01 71 13 00-0017	EA		125 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane..... Note: Includes delivery, rigging and pickup.	3,929.93	
			For >30 To 60 Miles Radius, Add	982.48	
			For >60 To 100 Miles Radius, Add	1,571.97	
01 71 13 00-0018	EA		150 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane..... Note: Includes delivery, rigging and pickup.	4,880.72	
			For >30 To 60 Miles Radius, Add	1,220.18	
			For >60 To 100 Miles Radius, Add	1,952.29	
01 71 13 00-0019	EA		200 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane..... Note: Includes delivery, rigging and pickup.	6,085.06	
			For >30 To 60 Miles Radius, Add	1,521.27	
			For >60 To 100 Miles Radius, Add	2,434.02	
01 71 13 00-0020	EA		250 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane..... Note: Includes delivery, rigging and pickup.	7,099.23	
			For >30 To 60 Miles Radius, Add	1,774.81	
			For >60 To 100 Miles Radius, Add	2,839.69	
01 71 13 00-0021	EA		300 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane..... Note: Includes delivery, rigging and pickup.	10,141.76	
			For >30 To 60 Miles Radius, Add	2,535.44	
			For >60 To 100 Miles Radius, Add	4,056.70	
01 71 13 00-0022	EA		500 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane..... Note: Includes delivery, rigging and pickup.	13,906.89	
			For >30 To 60 Miles Radius, Add	3,476.72	
			For >60 To 100 Miles Radius, Add	5,562.76	

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

01	General Requirements
01 70	Execution and Closeout Requirements
01 71	Examination and Preparation



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

01 71 23 16-0001	Conventional Topographic Survey (01 71 23 16)	
	Note: The professional services include AutoCAD drafting and certification. The survey includes location of structures, walks, drives, parking, significant vegetation, utilities, etc. The area within building footprint is not to be considered as part of the acreage.	
01 71 23 16-0002	ACR Conventional Topographic Survey Of Clear Area With Few To No Obstacles.....	1,302.57
01 71 23 16-0003	ACR Conventional Topographic Survey Of Clear Area With Medium Height Vegetation, Few Trees (<5% Buildings).....	3,662.22
01 71 23 16-0004	ACR Conventional Topographic Survey Of Clear Area With Few Structures, And/or Wooded (5-25% Buildings).....	5,259.70
01 71 23 16-0005	ACR Conventional Topographic Survey Of Developed Areas With Several Structures (25-65% Buildings).....	7,904.63
01 71 23 16-0006	ACR Conventional Topographic Survey Of Highly Developed Areas, Sidewalks, Etcetera (>65% Buildings).....	9,894.63
01 71 23 16-0007	Property Lines Survey (01 71 23 16)	
	Note: Not to be added to tasks in the "Conventional Topographic Survey" section.	
01 71 23 16-0008	LF Survey Property Lines On Cleared Land	2.90
01 71 23 16-0009	LF Survey Property Lines On Slightly Wooded Land	3.37
01 71 23 16-0010	LF Survey Property Lines On Wooded Land.....	3.94
01 71 23 16-0011	Survey Monument (01 71 23 16)	
01 71 23 16-0012	EA 3' Precast Survey Monument.....	203.87
	For Owner Furnished Monument, Deduct	-81.99
01 71 23 16-0013	EA Precast Survey Monument Box With Cast Iron Frame And Cover.....	305.01
01 71 23 16-0014	EA Riser Ring For Survey Monument.....	157.10
01 71 23 16-0015	EA Adjust Survey Monument Cover To Grade	245.96
01 71 23 16-0016	Facade Surveying (01 71 23 16)	
01 71 23 16-0017	LF Facade Survey And Reports (LF Of Facade x Number Of Floors)	8.02
01 71 23 16-0018	Utility Survey (01 71 23 16)	
	Note: This survey is only for the location of underground utilities.	
01 71 23 16-0019	ACR Survey Clear Area For Underground Utilities.....	6,747.59
01 71 23 16-0020	GPR Bridge Deck And Pavement Inspection (01 71 23 16)	
01 71 23 16-0021	GPR Bridge Deck And Pavement Inspection Mobilization Fee (01 71 23 16-0020)	
	Note: One mobilization per project.	
01 71 23 16-0022	EA GPR Bridge Deck And Pavement Inspection Mobilization Fee	4,090.82
01 71 23 16-0023	Bridge Deck Delamination Survey, GPR Bridge Deck Inspection (01 71 23 16-0020)	
	Note: Each project will use the Survey Fee task with a quantity of 1 and one other task for the area of the bridge deck surveyed.	
01 71 23 16-0024	EA Survey Fee, Bridge Deck Delamination Survey, GPR Bridge Deck Inspection.....	2,925.60
01 71 23 16-0025	SF Up To 5,000 SF, Bridge Deck Delamination Survey, GPR Bridge Deck Inspection.....	1.23
01 71 23 16-0026	SF >5,000 To 10,000 SF, Bridge Deck Delamination Survey, GPR Bridge Deck Inspection	0.98
01 71 23 16-0027	SF >10,000 To 25,000 SF, Bridge Deck Delamination Survey, GPR Bridge Deck Inspection	0.78
01 71 23 16-0028	SF >25,000 To 50,000 SF, Bridge Deck Delamination Survey, GPR Bridge Deck Inspection	0.59
01 71 23 16-0029	SF >50,000 To 100,000 SF, Bridge Deck Delamination Survey, GPR Bridge Deck Inspection	0.47
01 71 23 16-0030	SF >100,000 To 250,000 SF, Bridge Deck Delamination Survey, GPR Bridge Deck Inspection	0.37
01 71 23 16-0031	SF >250,000 SF, Bridge Deck Delamination Survey, GPR Bridge Deck Inspection	0.27
01 71 23 16-0032	Depth Of Reinforcement/Overlay Thickness Survey, GPR Bridge Deck Inspection (01 71 23 16-0020)	
	Note: Each project will use the Survey Fee task with a quantity of 1 and one other task for the area of the bridge deck surveyed.	
01 71 23 16-0033	EA Survey Fee, Depth Of Reinforcement/Overlay Thickness Survey, GPR Bridge Deck Inspection.....	975.20
01 71 23 16-0034	SF Depth Of Reinforcement/Overlay Thickness Survey, GPR Bridge Deck Inspection	0.06
01 71 23 16-0035	Freeze-Thaw Damage/Debonded Overlay Survey, GPR Bridge Deck Inspection (01 71 23 16-0020)	
	Note: Each project will use the Survey Fee task with a quantity of 1 and one other task for the area of the bridge deck surveyed.	
01 71 23 16-0036	EA Survey Fee, Freeze-Thaw Damage/Debonded Overlay Survey, GPR Bridge Deck Inspection.....	975.20
01 71 23 16-0037	SF Up To 5,000 SF, Freeze-Thaw Damage/Debonded Overlay Survey, GPR Bridge Deck Inspection.....	0.45
01 71 23 16-0038	SF >5,000 To 10,000 SF, Freeze-Thaw Damage/Debonded Overlay Survey, GPR Bridge Deck Inspection	0.35
01 71 23 16-0039	SF >10,000 To 25,000 SF, Freeze-Thaw Damage/Debonded Overlay Survey, GPR Bridge Deck Inspection	0.27
01 71 23 16-0040	SF >25,000 To 50,000 SF, Freeze-Thaw Damage/Debonded Overlay Survey, GPR Bridge Deck Inspection	0.21
01 71 23 16-0041	SF >50,000 To 100,000 SF, Freeze-Thaw Damage/Debonded Overlay Survey, GPR Bridge Deck Inspection	0.18
01 71 23 16-0042	SF >100,000 To 250,000 SF, Freeze-Thaw Damage/Debonded Overlay Survey, GPR Bridge Deck Inspection	0.14
01 71 23 16-0043	SF >250,000 SF, Freeze-Thaw Damage/Debonded Overlay Survey, GPR Bridge Deck Inspection	0.10
01 71 23 16-0044	Pavement Structure And Thickness Measurement, GPR Pavement Inspection (01 71 23 16-0020)	
	Note: Each project will use one task for the length of the pavement surveyed.	



General Requirements		01	5
Execution and Closeout Requirements		01 70	
Examination and Preparation		01 71	

MINOR CSI UOM DESCRIPTION			TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 71 23 16-0045	LM	Up To 4 Lane Miles (LM), Pavement Structure And Thickness Measurement, GPR Pavement Inspection	7,251.59	
01 71 23 16-0046	LM	>4 To 9 Lane Miles (LM), Pavement Structure And Thickness Measurement, GPR Pavement Inspection	3,161.60	
01 71 23 16-0047	LM	>9 To 49 Lane Miles (LM), Pavement Structure And Thickness Measurement, GPR Pavement Inspection	2,354.13	
01 71 23 16-0048	LM	>49 To 99 Lane Miles (LM), Pavement Structure And Thickness Measurement, GPR Pavement Inspection	1,285.31	
01 71 23 16-0049	LM	>99 Lane Miles (LM), Pavement Structure And Thickness Measurement, GPR Pavement Inspection	1,010.31	
01 71 23 16-0050		Pavement Thickness Contour (Mapping), GPR Pavement Inspection (01 71 23 16-0020) Note: Each project will use one task for the length of the pavement surveyed.		
01 71 23 16-0051	LM	Up To 4 Lane Miles (LM), Pavement Thickness Contour (Mapping), GPR Pavement Inspection	9,227.34	
01 71 23 16-0052	LM	>4 To 9 Lane Miles (LM), Pavement Thickness Contour (Mapping), GPR Pavement Inspection	4,339.64	
01 71 23 16-0053	LM	>9 To 49 Lane Miles (LM), Pavement Thickness Contour (Mapping), GPR Pavement Inspection	3,296.18	
01 71 23 16-0054	LM	>49 To 99 Lane Miles (LM), Pavement Thickness Contour (Mapping), GPR Pavement Inspection	1,847.03	
01 71 23 16-0055	LM	>99 Lane Miles (LM), Pavement Thickness Contour (Mapping), GPR Pavement Inspection	1,460.85	
01 71 23 16-0056		Pavement Void Detection (Mapping), GPR Pavement Inspection (01 71 23 16-0020) Note: Each project will use one task for the length of the pavement surveyed.		
01 71 23 16-0057	LM	Up To 4 Lane Miles (LM), Pavement Void Detection (Mapping), GPR Pavement Inspection	10,957.35	
01 71 23 16-0058	LM	>4 To 9 Lane Miles (LM), Pavement Void Detection (Mapping), GPR Pavement Inspection	5,369.45	
01 71 23 16-0059	LM	>9 To 49 Lane Miles (LM), Pavement Void Detection (Mapping), GPR Pavement Inspection	4,119.24	
01 71 23 16-0060	LM	>49 To 99 Lane Miles (LM), Pavement Void Detection (Mapping), GPR Pavement Inspection	2,338.53	
01 71 23 16-0061	LM	>99 Lane Miles (LM), Pavement Void Detection (Mapping), GPR Pavement Inspection	1,852.88	
01 71 23 16-0062		Drone Survey (Extreme Aerial Productions) (01 71 23 16-0062) Note: Thermographic services to electrical line grid inspections		
01 71 23 16-0063		Mobilization For Drone Surveying (01 71 23 16-0062)		
01 71 23 16-0064	EA	Mobilization For Up To 1000 Acres, Drone Survey/Topography 1/10 Or Better, Post Process Kinematic (PPK) Fixed Wing	262.17	
01 71 23 16-0065	EA	Mobilization For > 1000 Acres Drone Survey/Topography 1/10 Or Better, Post Process Kinematic (PPK) Fixed Wing	655.42	
01 71 23 16-0066	EA	Mobilization For Up To 400 Acres, Drone Survey/Topography 1/10 Or Better, Post Process Kinematic (PPK) Hexacopter	174.78	
01 71 23 16-0067	EA	Mobilization For Drone Road Survey For Topography/Progression/Inspection	349.56	
01 71 23 16-0068	EA	Mobilization For Drone Survey Stockpile	174.78	
01 71 23 16-0069	EA	Mobilization For Drone Inspection	174.78	
01 71 23 16-0070	EA	Mobilization For Qualitative Drone Thermal Inspection	349.56	
01 71 23 16-0071	EA	Mobilization For Quantitative Drone Thermal Inspection	436.95	
01 71 23 16-0072	EA	Mobilization For Drone Agricultural Multispectral Survey	699.12	
01 71 23 16-0073	EA	Mobilization For Drone Building Inspection/Scan/Thermal	524.34	
01 71 23 16-0074	EA	Mobilization For Drone 3D Modelling	436.95	
01 71 23 16-0075	EA	Mobilization For Drone Spraying Crops Or Sanitation	786.51	
01 71 23 16-0076	EA	Mobilization For Drone Video Progression/Marketing	174.78	
01 71 23 16-0077	EA	Mobilization For Drone Pictures Progression/Marketing	174.78	
01 71 23 16-0078	EA	Mobilization For Drone Training, Flying, Test Prep, Equipment Checks	174.78	
01 71 23 16-0079	EA	Mobilization For Drone Accident Reconstruction	174.78	
01 71 23 16-0080	EA	Mobilization For Drone Landfill Survey	262.17	
01 71 23 16-0081	EA	Mobilization For Drone Event Security Using Tethered Drones	349.56	
01 71 23 16-0082	EA	Mobilization For Drone Emergency Response	873.90	
01 71 23 16-0083	EA	Mobilization For Drone Cell Tower Inspection	262.17	
01 71 23 16-0084		Drone Surveying (01 71 23 16-0062)		
01 71 23 16-0085	HR	Up To 1000 Acres, Drone Survey/Topography 1/10 Or Better, Post Process Kinematic (PPK) Fixed Wing	637.95	
		Note: 3 hour minimum		
		For Visual Observation, Add	174.78	
		For Additional Manpower, Add	174.78	
01 71 23 16-0086	HR	> 1000 Acres, Drone Survey/Topography 1/10 Or Better, Post Process Kinematic (PPK) Fixed Wing	812.73	
		For Visual Observation, Add	262.17	
		For Additional Manpower, Add	209.74	
01 71 23 16-0087	HR	Up To 400 Acres, Drone Survey/Topography 1/10 Or Better, Post Process Kinematic (PPK) Hexacopter	524.34	
		Note: 3 hour minimum		
		For Visual Observation, Add	174.78	
		For Additional Manpower, Add	174.78	
01 71 23 16-0088	HR	Drone Road Survey For Topography/Progression/Inspection	611.73	
		Note: 3 hour minimum		
		For Visual Observation, Add	262.17	
		For Additional Manpower, Add	174.78	
01 71 23 16-0089	HR	Drone Survey Stockpile	436.95	
		Note: 3 hour minimum		
		For Visual Observation, Add	174.78	
		For Additional Manpower, Add	174.78	
01 71 23 16-0090	HR	Drone Inspection	611.73	
		Note: 3 hour minimum		
		For Visual Observation, Add	174.78	
		For Additional Manpower, Add	174.78	
01 71 23 16-0091	HR	Qualitative Drone Thermal Inspection	699.12	
		Note: 5 hour minimum		
		For Visual Observation, Add	262.17	
		For Additional Manpower, Add	174.78	

01	General Requirements
01 70	Execution and Closeout Requirements
01 71	Examination and Preparation



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 71 23 16-0092	HR		Quantitative Drone Thermal Inspection.....	1,048.68	
			Note: 5 hour minimum		
			For Visual Observation, Add	262.17	
			For Additional Manpower, Add	174.78	
01 71 23 16-0093	HR		Drone Agricultural Multispectral Survey.....	786.51	
			Note: 6 hour minimum		
			For Visual Observation, Add	174.78	
			For Additional Manpower, Add	174.78	
01 71 23 16-0094	HR		Drone Building Inspection/Scan/Thermal.....	699.12	
			Note: 3 hour minimum		
			For Visual Observation, Add	262.17	
			For Additional Manpower, Add	174.78	
01 71 23 16-0095	HR		Drone 3D Modelling.....	524.34	
			Note: 3 hour minimum		
			For Visual Observation, Add	262.17	
			For Additional Manpower, Add	174.78	
01 71 23 16-0096	HR		Drone Spraying Crops Or Sanitation.....	699.12	
			Note: 3 hour minimum		
			For Visual Observation, Add	218.48	
			For Additional Manpower, Add	174.78	
01 71 23 16-0097	HR		Drone Video Progression/Marketing.....	349.56	
			Note: 2 hour minimum		
			For Visual Observation, Add	174.78	
			For Additional Manpower, Add	174.78	
01 71 23 16-0098	HR		Drone Pictures Progression/Marketing.....	262.17	
			Note: 2 hour minimum		
			For Visual Observation, Add	174.78	
			For Additional Manpower, Add	174.78	
01 71 23 16-0099	HR		Drone Training, Flying, Test Prep, Equipment Checks.....	524.34	
			Note: 3 hour minimum		
01 71 23 16-0100	HR		Drone Accident Reconstruction.....	786.51	
			Note: 2 hour minimum		
			For Visual Observation, Add	174.78	
			For Additional Manpower, Add	174.78	
01 71 23 16-0101	HR		Drone Landfill Survey.....	637.95	
			Note: 3 hour minimum		
			For Visual Observation, Add	174.78	
			For Additional Manpower, Add	174.78	
01 71 23 16-0102	HR		Drone Event Security Using Tethered Drones.....	436.95	
			Note: 3 hour minimum		
			For Visual Observation, Add	174.78	
			For Additional Manpower, Add	174.78	
01 71 23 16-0103	HR		Drone Emergency Response.....	436.95	
			Note: 3 hour minimum		
			For Visual Observation, Add	262.17	
			For Additional Manpower, Add	174.78	
01 71 23 16-0104	HR		Drone Cell Tower Inspection.....	436.95	
			Note: 3 hour minimum		
			For Visual Observation, Add	218.48	
			For Additional Manpower, Add	174.78	
01 71 23 16-0105			Utilization And Deliverables For Drone Surveying (01 71 23 16-0062)		
01 71 23 16-0106	Day		Utilization Of GPS Ground Control For Drone Surveying.....	436.95	
01 71 23 16-0107	Day		Utilization Of GPS Base Station Per Day For Drone Surveying.....	436.95	
01 71 23 16-0108	HR		Processing And Data Deliverables And Reporting For Drone Surveying.....	174.78	
			Note: 2 hour minimum		
01 71 23 16-0109	HR		Processing And Data Deliverables And Reporting Of Thermal For Drone Surveying.....	349.56	
			Note: 3 hour minimum		
01 71 23 16-0110			Travel, Waivers, And Editing For Drone Surveying (01 71 23 16-0062)		
01 71 23 16-0111	MI		Travel Over 100 Miles For Drone Surveying.....	1.00	
			Note: For additional miles over 100		
01 71 23 16-0112	EA		Overnight Stay Per Person For Drone Surveying.....	218.48	
01 71 23 16-0113	EA		Waiver Utilization B, C, D, And E For Drone Surveying.....	87.39	
			Note: Restricted airspace		
01 71 23 16-0114	EA		Night Waiver For Drone Surveying.....	113.61	
01 71 23 16-0115	EA		Flying Over People Waiver For Drone Surveying.....	174.78	
01 71 23 16-0116	EA		Beyond Visual Line Of Sight (BVLOS) Waiver For Drone Surveying.....	873.90	
01 71 23 16-0117	HR		Editing Video For Drone Surveying.....	174.78	
			Note: 2 hour minimum		
01 71 23 16-0118	HR		Editing Pictures For Drone Surveying.....	87.39	
			Note: 2 hour minimum		
01 71 23 16-0119	HR		Custom Post Processing For Drone Surveying.....	262.17	
			Note: 3 hour minimum		

01 71 36 Non-Destructive Concrete Examination (01 71)
01 71 36 00-0001 Electromagnetic Survey (01 71 36)

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



General Requirements		01	Σ
Execution and Closeout Requirements		01 70	
Examination and Preparation		01 71	

MINOR CSI UOM DESCRIPTION		TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 71 36 00-0002	Electromagnetic (SIR/GPR) Survey (01 71 36 00-0001)		
01 71 36 00-0003	EA Up To 1 Hour On Site, Electromagnetic (SIR/GPR) Survey, Earth, Concrete, Masonry Or Asphalt.....	1,128.06	
01 71 36 00-0004	EA >1 To 4 Hours On Site, Electromagnetic (SIR/GPR) Survey, Earth, Concrete, Masonry Or Asphalt.....	1,692.09	
01 71 36 00-0005	EA >4 To 8 Hours On Site, Electromagnetic (SIR/GPR) Survey, Earth, Concrete, Masonry Or Asphalt.....	3,384.18	
01 71 36 00-0006	Reports And Mapping For Electromagnetic (SIR/GPR) Surveys (01 71 36 00-0001)		
01 71 36 00-0007	EA Standard Report For Electromagnetic (SIR/GPR) Survey, Earth, Concrete, Masonry Or Asphalt..... Note: Includes a detailed description of the scope of work, inspection methods, and equipment used. Also includes visuals such as site locations, images of data, and site photos.	376.02	
01 71 36 00-0008	EA GPS Mapping Of Located Utilities/Items For Electromagnetic (SIR/GPR) Survey, Earth, Concrete, Masonry Or Asphalt..... Note: Includes GPS coordinates of located items and reference items.	752.04	
01 71 36 00-0009	EA CAD Mapping Of Located Utilities/Items For Electromagnetic (SIR/GPR) Survey, Earth, Concrete, Masonry Or Asphalt..... Note: Includes additions to the owner provided CAD drawing.	1,692.09	
01 74	Cleaning and Waste Management (01 70)		
01 74 13	Progress Cleaning (01 74)		
Note: For use on existing areas other than where actual work is to be performed where ordered by the owner. Daily cleanup and final cleanup is included in the contractor's adjustment factor.			
01 74 13 00-0001	General (01 74 13)		
01 74 13 00-0002	CSF Clean Miscellaneous Surfaces, Wipe Down With Mild Detergent.....	24.33	
01 74 13 00-0003	CY Collect Existing Debris And Load Into Truck Or Dumpster..... Note: Per CY of debris removed.	28.48	
01 74 13 00-0004	CSF Wet Mop, Disinfect And High Efficiency Particulate Air (HEPA) Vacuum Floors (Three Step Process)..... Note: For use in contained areas for Class III or IV infection control.	22.78	
01 74 16	Site Maintenance (01 74)		
01 74 16 00-0001	Parking Lot, Roads And Pathway Maintenance (01 74 16)		
Note: These tasks shall be used for maintenance of existing roads and walks only as requested by the owner. Tasks not to be used in conjunction with related installation/demolition tasks in the Construction Task Catalog®.			
01 74 16 00-0002	Parking Lot, Road, And Street Sweeping (01 74 16 00-0001)		
01 74 16 00-0003	MSF Sweep Parking Lot, With Street Sweeper.....	24.28	
01 74 16 00-0004	MSF Sweeper/Vacuum/Sprayer For Parking Lots, Streets And Roads.....	29.14	
01 74 16 00-0005	Runway Sweeping (01 74 16 00-0001)		
01 74 16 00-0006	MSF Sweep Runway, With Street Sweep.....	36.42	
01 74 19	Construction Waste Management and Disposal (01 74)		
Note: Tasks in this section shall be used as directed by owner.			
01 74 19 00-0001	Debris Chutes (01 74 19)		
Note: Includes hopper sections and entry sections. Used as required for buildings of all heights.			
01 74 19 00-0002	Steel Temporary Debris Chutes (01 74 19 00-0001)		
01 74 19 00-0003	LF 18" Diameter, Steel Temporary Debris Chute.....	38.86	
01 74 19 00-0004	LF 30" Diameter, Steel Temporary Debris Chute.....	59.52	
01 74 19 00-0005	Plastic Temporary Debris Chutes (01 74 19 00-0001)		
01 74 19 00-0006	LF 24" Diameter, Plastic Temporary Debris Chute..... For Steel Liner, Add	15.40 3.09	
01 74 19 00-0007	LF 30" Diameter, Plastic Temporary Debris Chute..... For Steel Liner, Add	17.66 3.55	
01 74 19 00-0008	LF 36" Diameter, Plastic Temporary Debris Chute..... For Steel Liner, Add	19.91 4.00	
01 74 19 00-0009	Wood Temporary Debris Chutes (01 74 19 00-0001)		
01 74 19 00-0010	LF 4' x 4', Wood Temporary Debris Chute..... Note: Includes fabrication and installation.	31.14	
01 74 19 00-0011	Construction Dumpsters Rental (01 74 19)		
Note: Includes service to delivery and pick-up of dumpster, hauling of debris, rental of dumpster and all applicable non-hazardous disposal fees. Cost of "each" is based on each pick-up. Use modifier for excess tons up to legal state limit. Unacceptable materials include: aerosol cans, all liquids, animals, antifreeze, appliances, asbestos, barrels, batteries, chemical products, computers, contaminated oils (mixed with solvents, gasoline, etc.), dirt, fluorescent tubes, hazardous waste, herbicides and pesticides, industrial waste, lubricating/hydraulic oil, mattresses, medical waste, microwaves, monitors, motor oil, oil filters, other flammable liquids, paint (except completely dried latex paint cans, no liquids), petroleum-contaminated soil/lead paint chips, propane tanks, radioactive material, railroad ties, solvents, televisions, tires, and transmission oil.			
01 74 19 00-0012	EA 10 CY Dumpster "Construction Debris"..... Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.	501.60	

01	General Requirements
01 70	Execution and Closeout Requirements
01 74	Cleaning and Waste Management



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 74 19 00-0013	EA	15 CY Dumpster "Construction Debris" Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.	566.38	
01 74 19 00-0014	EA	20 CY Dumpster "Construction Debris" Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.	631.15	
01 74 19 00-0015	EA	30 CY Dumpster "Construction Debris" Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.	802.36	
01 74 19 00-0016	EA	40 CY Dumpster "Construction Debris" Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.	866.88	
01 74 19 00-0017	EA	10 CY Low-Boy Dumpster "Concrete Or Asphalt Only" Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Concrete or asphalt only.	760.38	
01 74 19 00-0018		Concrete Washout Service (01 74 19)		
01 74 19 00-0019	MO	Rampless Concrete Washout Bin Note: Includes delivery.	543.16	
01 74 19 00-0020	MO	Ramped Concrete Washout Bin Note: Includes delivery.	651.79	
01 74 19 00-0021	EA	Interim Vacuum Service, Concrete Washout Bin Note: Includes vacuum and recycle excess clear liquid from the unfilled bin to allow additional space for washout material.	621.54	
01 74 19 00-0022	EA	Vacuum, Pickup, Swap And Dump, Concrete Washout Bin Note: Includes vacuum the liquid from the full bin and pick up the bin, and recycle all material. An empty bin will be left at the site if the project is not completed.	1,346.67	
01 74 19 00-0023		Debris Processing Fee (01 74 19)		
01 74 19 00-0024		Material Recycling Fees (01 74 19 00-0023) Note: Not to be used with Dumpster Tasks which includes the Landfill Dump Fee. Excludes hauling.		
01 74 19 00-0025	CY	Drop-Off Asphalt At Recycling Center	18.51	
01 74 19 00-0026	CY	Drop-Off Non-Reinforced Concrete At Recycling Center	24.80	
01 74 19 00-0027	CY	Drop-Off Reinforced Concrete At Recycling Center	37.20	
01 74 19 00-0028	CY	Drop-Off Brick Or Block At Recycling Center	32.24	
01 74 19 00-0029	CY	Drop-Off Dirt At Recycling Center	35.96	
01 74 19 00-0030	CY	Drop-Off Dimensional Lumber At Recycling Center	34.72	
01 74 19 00-0031		Landfill Dump Fees (01 74 19 00-0023) Note: Does not apply when material is transferred to owner's site or facility, or with use of dumpsters. Excludes hauling.		
01 74 19 00-0032	CY	Traditional Building Construction Materials Landfill Dump Fee	16.50	
01 74 19 00-0033	TON	Traditional Building Construction Materials, Landfill Dump Fee	71.93	
01 74 19 00-0034	CY	Trees, Stumps And Brush, Landfill Dump Fee	19.87	
01 74 19 00-0035	CY	Hazardous Materials And Rubbish Landfill Dump Fee	47.38	
		Note: Includes regulated waste such as paint cans, refrigerators/freezers, air conditioners, smoke detectors, batteries, etc.		
01 74 19 00-0036	TON	Dump, Transfer Station Fee For Mixed Material	101.68	
01 74 19 00-0037	CY	Non-Reinforced Concrete And/Or Rock, 2" Minus	4.20	
01 74 19 00-0038	CY	Reinforced Concrete And/Or Rock, 2" Minus, Rebar Trimmed To 1"	5.85	
01 74 19 00-0039	CY	Reinforced Concrete not trimmed, 2" Minus	10.40	
01 74 19 00-0040	CY	Mixed Asphalt And Concrete, Sized And Trimmed	7.73	
01 74 19 00-0041	CY	Asphalt Or Asphalt And Dirt, Sized To 2" Minus	5.85	
01 74 19 00-0042	CY	Reinforced Concrete And Asphalt, Not Trimmed, 2" Minus	12.50	
01 74 19 00-0043	CY	Clean Dirt (No Grass, Weeds, Roots, Plants, Trash)	51.56	
01 74 19 00-0044	CY	Clay Loads, Expansive Materials	64.46	
01 74 19 00-0045	CY	Clean Asphalt, Sized 2" Minus, No Dirt	9.21	
01 74 19 00-0046	TON	General Refuse	77.35	
01 74 19 00-0047	EA	Tires	23.63	
01 74 19 00-0048		Hauling (01 74 19) Note: Includes driver and equipment, ten (10) to fifteen (15) minutes load time, time for travel, dump time and return (roundtrip). The task quantity is the number of miles to the disposal site/transfer station (one way mileage) times the number of cubic yards being transported. For example, to haul 8 CY to a site 14 miles away, the quantity is calculated as follows: 14 miles x 8 CY = 112 CYM. Use both hauling tasks for distances greater than 15 miles. To haul 28 CY to a site 32 miles away, the quantity for the task to haul the first 15 miles is calculated: 15 miles x 28 CY = 420 CYM. The quantity for the additional hauling task over the first 15 miles is calculated: 32 total miles less 15 initial miles equals 17 miles x 28 CY = 476 CYM.		
01 74 19 00-0049	CYM	Hauling Up To 15 Miles	1.32	
01 74 19 00-0050	CYM	Hauling, Miles Over Initial 15 Miles	0.99	
01 74 23		Final Cleaning (01 74)		
01 74 23 00-0001		Cleaning Of Glass (01 74 23)		
01 74 23 00-0002	CSF	Cleaning Of Existing Glass Surfaces	32.91	

01 90 Life Cycle Activities (01)**01 91 Commissioning** (01 90)**01 91 13 General Commissioning Requirements** (01 91)



General Requirements		01
Life Cycle Activities		01 90
Commissioning		01 91

MINOR CSI UOM DESCRIPTION			TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 91 13 00-0001		Commissioning Of Systems (01 91 13)		
Note: For use with commissioning of mechanical and electrical systems.				
01 91 13 00-0002	HR	Commissioning - Fire Protection Sprinkler Systems	217.26	
01 91 13 00-0003	HR	Commissioning - Plumbing Systems	220.05	
01 91 13 00-0004	HR	Commissioning - HVAC/Mechanical Systems	247.56	
01 91 13 00-0005	HR	Commissioning - Electrical/Fire Alarms/Security Systems	244.45	

END OF SECTION 01

01	01	General Requirements
	01 90	Life Cycle Activities
	01 91	Commissioning



MINOR			TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST		UNIT COST

THIS PAGE INTENTIONALLY LEFT BLANK

NOT FOR BID



Existing Conditions		02
Assessment		02 20
Existing Material Assessment		02 25

02

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

02 Existing Conditions

02 20 Assessment⁽⁰²⁾

02 25 Existing Material Assessment^(02 20)

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

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

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

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

02 30 Subsurface Investigation⁽⁰²⁾

02 32 Geotechnical Investigations^(02 30)

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

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

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

02 32 13 00-0002 EA Mobilization Of Drilling Crew 1,281.81

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

02 32 13 00-0004 LF Standard Auger Hole With Split Spoon Sample At 5' Intervals 38.61

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

Note: All types of soils.

02 32 13 00-0006 LF 2-1/2" Diameter Cased Borings In Earth, With Samples 97.59

02 32 13 00-0007 LF 4" Diameter Cased Borings In Earth, With Samples 166.89

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

02 32 13 00-0009 LF Drill In Rock, BW Core, With Casing 103.42

Note: Includes sampling.

02 32 13 00-0010 EA Drill In Rock, With BW Core Boxes 9.70

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

02 32 13 00-0012 LF Drill In Rock, NW Core, With Casing 133.66

Note: Includes sampling.

02 32 13 00-0013 EA Drill In Rock, With NW Core Boxes 11.16

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

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

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

02 32 13 00-0016 CY Excavation For Test Pit, Light Material, Backhoe Excavation 73.23

02 32 13 00-0017 CY Excavation For Test Pits, Medium Material, Backhoe Excavation 85.43

02 32 13 00-0018 CY Excavation For Test Pit, Heavy Material, Backhoe Excavation 113.90

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

02 32 13 00-0020 CY Excavation For Test Pit, Light Soil, Hand Excavation 216.01

02 32 13 00-0021 CY Excavation For Test Pit, Heavy Soil, Hand Excavation 388.81

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

02 32 13 00-0023 EA Shelby Tube Sampling 54.32

02 32 13 00-0024 EA Penetration Test 44.26

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

02 32 13 00-0026 VLF Boreholes 10.30

02 32 19 Exploratory Excavations^(02 32)

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

Note: Assumes on-site disposal.

02 32 19 00-0002 EA Hydro Excavation, Mobilization/Demobilization 176.11

02 32 19 00-0003 EA Hydro Excavation, Minimum Charge 704.43

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

02 32 19 00-0004 CY Hydro Excavation, Normal Soil Conditions (Hydro-Vac Truck) 39.13

Note: Normal soil conditions consist of silt, sand and gravel.

02 Existing Conditions**02 30 Subsurface Investigation****02 32 Geotechnical Investigations**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

02 32 19 00-0005 CY Hydro Excavation, Adverse Soil Conditions (Hydro-Vac Truck).....62.61
Note: Adverse soil conditions consist of clay, glacial till and rocks.

02 40 Demolition and Structure Moving ⁽⁰²⁾**02 41 Demolition** ^(02 40)**02 41 13 Selective Site Demolition** ^(02 41)**02 41 13 13 Paving Removal** ^(02 41 13)**02 41 13 13-0001 By Machine, Break-up And Leave In Place Bituminous And Concrete Paving** ^(02 41 13 13)

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

02 41 13 13-0002	SY	Up To 3" By Machine, Break-up And Leave In Place Bituminous Paving	7.61
		For >500 To 1,000, Deduct	-0.76
		For >1,000 To 2,500, Deduct	-1.37
		For >2,500 To 5,000, Deduct	-1.98
		For >5,000 To 10,000, Deduct	-2.59
		For >10,000, Deduct	-3.20
02 41 13 13-0003	SY	>3" To 6" By Machine, Break-up And Leave In Place Bituminous Paving	11.40
		For >500 To 1,000, Deduct	-1.14
		For >1,000 To 2,500, Deduct	-2.05
		For >2,500 To 5,000, Deduct	-2.96
		For >5,000 To 10,000, Deduct	-3.88
		For >10,000, Deduct	-4.79
02 41 13 13-0004	SY	>6" To 9" By Machine, Break-up And Leave In Place Bituminous Paving	15.21
		For >500 To 1,000, Deduct	-1.52
		For >1,000 To 2,500, Deduct	-2.74
		For >2,500 To 5,000, Deduct	-3.95
		For >5,000 To 10,000, Deduct	-5.17
		For >10,000, Deduct	-6.39
02 41 13 13-0005	SY	Up To 3" By Machine, Break-up And Leave In Place Concrete Paving	14.74
		For >500 To 1,000, Deduct	-1.47
		For >1,000 To 2,500, Deduct	-2.65
		For >2,500 To 5,000, Deduct	-3.83
		For >5,000 To 10,000, Deduct	-5.01
		For >10,000, Deduct	-6.19
02 41 13 13-0006	SY	>3" To 6" By Machine, Break-up And Leave In Place Concrete Paving	20.81
		For >500 To 1,000, Deduct	-2.08
		For >1,000 To 2,500, Deduct	-3.75
		For >2,500 To 5,000, Deduct	-5.41
		For >5,000 To 10,000, Deduct	-7.08
		For >10,000, Deduct	-8.74
02 41 13 13-0007	SY	>6" To 9" By Machine, Break-up And Leave In Place Concrete Paving	29.48
		For >500 To 1,000, Deduct	-2.95
		For >1,000 To 2,500, Deduct	-5.31
		For >2,500 To 5,000, Deduct	-7.66
		For >5,000 To 10,000, Deduct	-10.02
		For >10,000, Deduct	-12.38
02 41 13 13-0008	SY	>9" To 14" By Machine, Break-up And Leave In Place Concrete Paving	41.62
		For >500 To 1,000, Deduct	-4.16
		For >1,000 To 2,500, Deduct	-7.49
		For >2,500 To 5,000, Deduct	-10.82
		For >5,000 To 10,000, Deduct	-14.15
		For >10,000, Deduct	-17.48
02 41 13 13-0009	SY	>14" To 19" By Machine, Break-up And Leave In Place Concrete Paving	54.43
		For >500 To 1,000, Deduct	-5.44
		For >1,000 To 2,500, Deduct	-9.80
		For >2,500 To 5,000, Deduct	-14.15
		For >5,000 To 10,000, Deduct	-18.51
		For >10,000, Deduct	-22.86
02 41 13 13-0010	SY	>19" To 24" By Machine, Break-up And Leave In Place Concrete Paving	70.77
		For >500 To 1,000, Deduct	-7.08
		For >1,000 To 2,500, Deduct	-12.74
		For >2,500 To 5,000, Deduct	-18.40
		For >5,000 To 10,000, Deduct	-24.06
		For >10,000, Deduct	-29.72

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

Note: Includes slabs, pavements, sidewalks and base courses. Includes work around obstacles with jackhammer and hand tools. For individual work areas where conventional equipment access is limited or prohibited. Task is only to be used when requested by owner. These tasks are not to be used in conjunction with any other loading activities or other break-up tasks. Excludes saw cutting (where required) and disposal. See CSI section 02 41 13 13-0038 for breaking-up, removal and loading as a combined operation, 02 41 19 13-0059 for saw cutting.

02 41 13 13-0012	SF	Up To 3" By Hand, Break-up And Leave In Place Bituminous Paving	1.94
02 41 13 13-0013	SF	>3" To 6" By Hand, Break-up And Leave In Place Bituminous Paving	2.46
02 41 13 13-0014	SF	>6" To 9" By Hand, Break-up And Leave In Place Bituminous Paving	3.27
02 41 13 13-0015	SF	Up To 3" By Hand, Break-up And Leave In Place Concrete Paving	2.43
02 41 13 13-0016	SF	>3" To 6" By Hand, Break-up And Leave In Place Concrete Paving	3.09



Existing Conditions		02
Demolition and Structure Moving		02 40
Demolition		02 41

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 13 13-0017	SF		>6" To 9" By Hand, Break-up And Leave In Place Concrete Paving	4.08	
02 41 13 13-0018			By Machine, Break-up And Remove Bituminous And Concrete Paving ^(02 41 13 13) <i>Note: Includes slabs, pavements, sidewalks and base courses. Includes work around obstacles, breaking into manageable sizes by machine and loading into truck, dumpster or moving material to stockpile. Removal depth to include base aggregate. Excludes saw cutting (where required) and disposal. See CSI section 02 41 19 13-0059 for saw cutting.</i>		
02 41 13 13-0019	SY		Up To 3" By Machine, Break-up And Remove Bituminous Paving	16.46	
			For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add	4.94	
			<i>Note: (Around Existing Structures And Obstructions), Add</i>		
			For Elevated Slab, Add	8.23	
			For >500 To 1,000, Deduct	-1.65	
			For >1,000 To 2,500, Deduct	-2.96	
			For >2,500 To 5,000, Deduct	-4.28	
			For >5,000 To 10,000, Deduct	-5.60	
			For >10,000, Deduct	-6.91	
02 41 13 13-0020	SY		>3" To 6" By Machine, Break-up And Remove Bituminous Paving	22.46	
			For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add	6.74	
			<i>Note: (Around Existing Structures And Obstructions), Add</i>		
			For Elevated Slab, Add	11.23	
			For >500 To 1,000, Deduct	-2.25	
			For >1,000 To 2,500, Deduct	-4.04	
			For >2,500 To 5,000, Deduct	-5.84	
			For >5,000 To 10,000, Deduct	-7.64	
			For >10,000, Deduct	-9.43	
02 41 13 13-0021	SY		>6" To 9" By Machine, Break-up And Remove Bituminous Paving	31.17	
			For Elevated Slab, Add	15.59	
			For >500 To 1,000, Deduct	-3.12	
			For >1,000 To 2,500, Deduct	-5.61	
			For >2,500 To 5,000, Deduct	-8.10	
			For >5,000 To 10,000, Deduct	-10.60	
			For >10,000, Deduct	-13.09	
02 41 13 13-0022	SY		>9" To 12" By Machine, Break-up And Remove Bituminous Paving	40.67	
			For Elevated Slab, Add	20.34	
			For >500 To 1,000, Deduct	-4.07	
			For >1,000 To 2,500, Deduct	-7.32	
			For >2,500 To 5,000, Deduct	-10.57	
			For >5,000 To 10,000, Deduct	-13.83	
			For >10,000, Deduct	-17.08	
02 41 13 13-0023	SY		>12" To 15" By Machine, Break-up And Remove Bituminous Paving	56.61	
			For Elevated Slab, Add	28.31	
			For >500 To 1,000, Deduct	-5.66	
			For >1,000 To 2,500, Deduct	-10.19	
			For >2,500 To 5,000, Deduct	-14.72	
			For >5,000 To 10,000, Deduct	-19.25	
			For >10,000, Deduct	-23.78	
02 41 13 13-0024	SY		>15" To 18" By Machine, Break-up And Remove Bituminous Paving	77.83	
			For Elevated Slab, Add	38.92	
			For >500 To 1,000, Deduct	-7.78	
			For >1,000 To 2,500, Deduct	-14.01	
			For >2,500 To 5,000, Deduct	-20.24	
			For >5,000 To 10,000, Deduct	-26.46	
			For >10,000, Deduct	-32.69	
02 41 13 13-0025	SY		Up To 3" By Machine, Break-up And Remove Non-Reinforced Concrete Paving	18.93	
			For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add	5.68	
			<i>Note: (Around Existing Structures And Obstructions), Add</i>		
			For Elevated Slab, Add	9.47	
			For >500 To 1,000, Deduct	-1.89	
			For >1,000 To 2,500, Deduct	-3.41	
			For >2,500 To 5,000, Deduct	-4.92	
			For >5,000 To 10,000, Deduct	-6.44	
			For >10,000, Deduct	-7.95	
02 41 13 13-0026	SY		>3" To 6" By Machine, Break-up And Remove Non-Reinforced Concrete Paving	24.77	
			For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add	7.43	
			<i>Note: (Around Existing Structures And Obstructions), Add</i>		
			For Elevated Slab, Add	12.39	
			For >500 To 1,000, Deduct	-2.48	
			For >1,000 To 2,500, Deduct	-4.46	
			For >2,500 To 5,000, Deduct	-6.44	
			For >5,000 To 10,000, Deduct	-8.42	
			For >10,000, Deduct	-10.40	
02 41 13 13-0027	SY		>6" To 9" By Machine, Break-up And Remove Non-Reinforced Concrete Paving	44.23	
			For Elevated Slab, Add	22.12	
			For >500 To 1,000, Deduct	-4.42	
			For >1,000 To 2,500, Deduct	-7.96	
			For >2,500 To 5,000, Deduct	-11.50	
			For >5,000 To 10,000, Deduct	-15.04	
			For >10,000, Deduct	-18.58	
02 41 13 13-0028	SY		>9" To 14" By Machine, Break-up And Remove Non-Reinforced Concrete Paving	57.78	
			For Elevated Slab, Add	28.89	
			For >500 To 1,000, Deduct	-5.78	
			For >1,000 To 2,500, Deduct	-10.40	
			For >2,500 To 5,000, Deduct	-15.02	
			For >5,000 To 10,000, Deduct	-19.65	
			For >10,000, Deduct	-24.27	

02 Existing Conditions**02 40 Demolition and Structure Moving****02 41 Demolition**MINOR
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

02 41 13 13-0029	SY Up To 3" By Machine, Break-up And Remove Welded Wire Reinforced Concrete Paving.....	25.12
	For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add	7.54
	Note: (Around Existing Structures And Obstructions), Add	
	For Elevated Slab, Add	12.56
	For >500 To 1,000, Deduct	-2.51
	For >1,000 To 2,500, Deduct	-4.52
	For >2,500 To 5,000, Deduct	-6.53
	For >5,000 To 10,000, Deduct	-8.54
	For >10,000, Deduct	-10.55
02 41 13 13-0030	SY >3" To 6" By Machine, Break-up And Remove Welded Wire Reinforced Concrete Paving.....	32.55
	For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add	9.77
	Note: (Around Existing Structures And Obstructions), Add	
	For Elevated Slab, Add	16.28
	For >500 To 1,000, Deduct	-3.26
	For >1,000 To 2,500, Deduct	-5.86
	For >2,500 To 5,000, Deduct	-8.46
	For >5,000 To 10,000, Deduct	-11.07
	For >10,000, Deduct	-13.67
02 41 13 13-0031	SY >6" To 9" By Machine, Break-up And Remove Welded Wire Reinforced Concrete Paving.....	53.96
	For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add	16.19
	Note: (Around Existing Structures And Obstructions), Add	
	For Elevated Slab, Add	26.98
	For >500 To 1,000, Deduct	-5.40
	For >1,000 To 2,500, Deduct	-9.71
	For >2,500 To 5,000, Deduct	-14.03
	For >5,000 To 10,000, Deduct	-18.35
	For >10,000, Deduct	-22.66
02 41 13 13-0032	SY Up To 3" By Machine, Break-up And Remove Rod Reinforced Concrete Paving.....	27.24
	For Elevated Slab, Add	13.62
	For >500 To 1,000, Deduct	-2.72
	For >1,000 To 2,500, Deduct	-4.90
	For >2,500 To 5,000, Deduct	-7.08
	For >5,000 To 10,000, Deduct	-9.26
	For >10,000, Deduct	-11.44
02 41 13 13-0033	SY >3" To 6" By Machine, Break-up And Remove Rod Reinforced Concrete Paving.....	35.03
	For Elevated Slab, Add	17.52
	For >500 To 1,000, Deduct	-3.50
	For >1,000 To 2,500, Deduct	-6.31
	For >2,500 To 5,000, Deduct	-9.11
	For >5,000 To 10,000, Deduct	-11.91
	For >10,000, Deduct	-14.71
02 41 13 13-0034	SY >6" To 9" By Machine, Break-up And Remove Rod Reinforced Concrete Paving.....	62.62
	For Elevated Slab, Add	31.31
	For >500 To 1,000, Deduct	-6.26
	For >1,000 To 2,500, Deduct	-11.27
	For >2,500 To 5,000, Deduct	-16.28
	For >5,000 To 10,000, Deduct	-21.29
	For >10,000, Deduct	-26.30
02 41 13 13-0035	SY >9" To 14" By Machine, Break-up And Remove Rod Reinforced Concrete Paving.....	81.73
	For Elevated Slab, Add	40.87
	For >500 To 1,000, Deduct	-8.17
	For >1,000 To 2,500, Deduct	-14.71
	For >2,500 To 5,000, Deduct	-21.25
	For >5,000 To 10,000, Deduct	-27.79
	For >10,000, Deduct	-34.33
02 41 13 13-0036	SY >14" To 19" By Machine, Break-up And Remove Rod Reinforced Concrete Paving.....	106.85
	For Elevated Slab, Add	53.43
	For >500 To 1,000, Deduct	-10.69
	For >1,000 To 2,500, Deduct	-19.23
	For >2,500 To 5,000, Deduct	-27.78
	For >5,000 To 10,000, Deduct	-36.33
	For >10,000, Deduct	-44.88
02 41 13 13-0037	SY >19" To 24" By Machine, Break-up And Remove Rod Reinforced Concrete Paving.....	129.68
	For Elevated Slab, Add	64.84
	For >500 To 1,000, Deduct	-12.97
	For >1,000 To 2,500, Deduct	-23.34
	For >2,500 To 5,000, Deduct	-33.72
	For >5,000 To 10,000, Deduct	-44.09
	For >10,000, Deduct	-54.47

02 41 13 13-0038**By Hand, Break-up And Remove Bituminous And Concrete Paving (02 41 13 13)**

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

02 41 13 13-0039	SF Up To 3" By Hand, Break-up And Remove Bituminous Paving.....	4.34
02 41 13 13-0040	SF >3" To 6" By Hand, Break-up And Remove Bituminous Paving.....	5.71
02 41 13 13-0041	SF >6" To 9" By Hand, Break-up And Remove Bituminous Paving.....	7.42
02 41 13 13-0042	SF Up To 3" By Hand, Break-up And Remove Concrete Paving.....	5.42
02 41 13 13-0043	SF >3" To 6" By Hand, Break-up And Remove Concrete Paving.....	7.49
02 41 13 13-0044	SF >6" To 9" By Hand, Break-up And Remove Concrete Paving.....	9.59
02 41 13 13-0045	SF Up To 3" By Hand, Break-up And Remove Welded Wire Reinforced Concrete Paving.....	7.59
02 41 13 13-0046	SF >3" To 6" By Hand, Break-up And Remove Welded Wire Reinforced Concrete Paving.....	10.48
02 41 13 13-0047	SF >6" To 9" By Hand, Break-up And Remove Welded Wire Reinforced Concrete Paving.....	13.42



Existing Conditions		02
Demolition and Structure Moving		02 40
Demolition		02 41

MINOR		TOTAL DIRECT		DEMOLITION	
CSI UOM DESCRIPTION		UNIT COST		UNIT COST	
02 41 13 13-0048 Grind Concrete (02 41 13 13)					
02 41 13 13-0049	EA	Grind Existing Sidewalks, Up To 1/2" Depth, To Remove Ridges (Tripping Hazard).....	214.75		
		Note: For each location up to 5' wide, feather up to 12" each direction.			
		For >1/2" To 1" Depth Of Grinding, Add	32.21		
		For >1" To 1-1/2" Depth Of Grinding, Add	53.69		
		For Up To 5, Add	42.95		
		For >5 To 10, Add	21.48		
		For >25 To 50, Deduct	-21.48		
		For >50 To 250, Deduct	-32.21		
		For >250, Deduct	-42.95		
		For Sidewalks >5', Add	21.48		
		For Up To 12" Additional Feathering Per Side, Add	21.48		
02 41 13 15 Hydro Demolition (02 41 13)					
02 41 13 15-0001 Hydro Demolition Of Concrete Pavement (02 41 13 15)					
		Note: Includes removal but excludes disposal of concrete.			
02 41 13 15-0002	SF	Up To 2" Depth, Hydro Demolition, Using 40,000 PSI Water Jet.....	8.29		
02 41 13 15-0003	SF	>2" To 4" Depth, Hydro Demolition, Using 40,000 PSI Water Jet.....	10.37		
02 41 13 15-0004	SF	>4" To 6" Depth, Hydro Demolition, Using 40,000 PSI Water Jet.....	13.87		
02 41 13 15-0005	SF	>6" To 8" Depth, Hydro Demolition, Using 40,000 PSI Water Jet.....	27.60		
02 41 16 Structure Demolition (02 41)					
02 41 16 13 Building Demolition (02 41 16)					
02 41 16 13-0001 Building Interior Demolition (02 41 16 13)					
		Note: Guttled and placed in truck or dumpsters. Based on overall floor area square foot or Gross Square Foot (GSF) including flooring under interior demolished walls. Includes all soft stripping of materials (doors and frames, non-load bearing walls, carpet, moldings, drywall, tile, ceiling, ductwork, piping, light fixtures, etc.), accessible mechanical, electrical, plumbing, overhead sprinkler, fire protection and similar systems. Excludes lead, asbestos or other contaminants or load bearing walls, mechanical, plumbing or electrical equipment such as furnaces, water heaters, plumbing fixtures, sump pumps, switchgear or panel boards. Excludes hauling, dump fees, recycling charges, and/or salvage value.			
02 41 16 13-0002	GSF	Residential Building Interior Demolition, Gutting And Placing Into Dumpster Or Truck	8.43		
02 41 16 13-0003	GSF	Up To 2,000 SF Commercial Building Interior Demolition, Gutting And Placing Into Dumpster Or Truck.....	12.75		
02 41 16 13-0004	GSF	>2,000 To 10,000 SF Commercial Building Interior Demolition, Gutting And Placing Into Dumpster Or Truck	10.43		
02 41 16 13-0005	GSF	>10,000 SF Commercial Building Interior Demolition, Gutting And Placing Into Dumpster Or Truck	9.27		
02 41 16 13-0006 Commercial And Residential Structures Demolition (02 41 16 13)					
		Note: Complete demolition of structures. Includes site and building safety preparation, signage, dust control, scattered debris and other site clean-up, demolition equipment, and repair of any damaged adjacent property. Excludes (if required) utility disconnects and capping, underground or above ground storage tank removal, adjacent property protection, adjacent property cleanup, adjacent property work, site paving (asphalt or concrete), recycling fees, gutting/soft stripping (selective removal of materials for reuse) of building, site security, hazardous material abatement (including lead, asbestos, and PCBs), surveys, clearing and grubbing of site, cranes, traffic control, elevator removal, major mechanical equipment such as boilers, chillers, cooling towers, Etc., excavation or backfill, foundations, basement floor, slab-on grade, temporary fencing (installation and removal), hauling, disposal and dump fees for all debris (site and building), earthwork and erosion control. Pricing is by Hundred Cubic Foot (CCF) of complete building volume being demolished. For computing building volume, height is computed at actual floor-to-floor dimensions with attic and basement each computed at half-height, width and length are actual dimensions. Excludes salvage value.			
02 41 16 13-0007 Steel Framed Building Demolition (02 41 16 13-0006)					
		Note: Includes masonry partitions and concrete decks.			
02 41 16 13-0008	CCF	By Pneumatic Tools/Hand, Steel Framed Building Demolition	77.89		
		For Floor-To-Floor (Or Floor-To-Structure) Heights >12' To 15', Deduct	-5.84		
		For Floor-To-Floor (Or Floor-To-Structure) Heights >15' To 18', Deduct	-11.68		
		For Floor-To-Floor (Or Floor-To-Structure) Heights >18' To 21', Deduct	-17.53		
		For Up To 500, Add	23.37		
		For >500 To 1,000, Add	15.58		
		For >1,000 To 2,000, Add	7.79		
		For Volume Of Area Within 15' To An Adjacent Building, Add	25.70		
		For No Interior Partitions, Deduct	-19.47		
02 41 16 13-0009	CCF	By Machine, Steel Framed Building Demolition.....	48.59		
		For Floor-To-Floor (Or Floor-To-Structure) Heights >12' To 15', Deduct	-3.64		
		For Floor-To-Floor (Or Floor-To-Structure) Heights >15' To 18', Deduct	-7.29		
		For Floor-To-Floor (Or Floor-To-Structure) Heights >18' To 21', Deduct	-10.93		
		For Up To 500, Add	14.58		
		For >500 To 1,000, Add	9.72		
		For >1,000 To 2,000, Add	4.86		
		For Work >3 Stories To 6 Stories (Exclude Volume Below), Add	7.29		
		For Work >6 Stories To 10 Stories (Exclude Volume Below), Add	12.15		
		For Work >10 Stories To 15 Stories (Exclude Volume Below), Add	17.01		
		For Volume Of Area Within 15' To An Adjacent Building, Add	16.03		
		For No Interior Partitions, Deduct	-12.15		
02 41 16 13-0010 Reinforced Concrete Building Demolition (02 41 16 13-0006)					

02 Existing Conditions**02 40 Demolition and Structure Moving****02 41 Demolition**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 16 13-0011 CCF By Pneumatic Tools/Hand, Reinforced Concrete Building Demolition	97.74	
For Floor-To-Floor (Or Floor-To-Structure) Heights >12' To 15', Deduct	-7.33	
For Floor-To-Floor (Or Floor-To-Structure) Heights >15' To 18', Deduct	-14.66	
For Floor-To-Floor (Or Floor-To-Structure) Heights >18' To 21', Deduct	-21.99	
For Up To 500, Add	29.32	
For >500 To 1,000, Add	19.55	
For >1,000 To 2,000, Add	9.77	
For Volume Of Area Within 15' To An Adjacent Building, Add	32.25	
For No Interior Partitions, Deduct	-24.44	
02 41 16 13-0012 CCF By Machine, Reinforced Concrete Building Demolition	64.17	
For Floor-To-Floor (Or Floor-To-Structure) Heights >12' To 15', Deduct	-4.81	
For Floor-To-Floor (Or Floor-To-Structure) Heights >15' To 18', Deduct	-9.63	
For Floor-To-Floor (Or Floor-To-Structure) Heights >18' To 21', Deduct	-14.44	
For Up To 500, Add	19.25	
For >500 To 1,000, Add	12.83	
For >1,000 To 2,000, Add	6.42	
For Work >3 Stories To 6 Stories (Exclude Volume Below), Add	9.63	
For Work >6 Stories To 10 Stories (Exclude Volume Below), Add	16.04	
For Work >10 Stories To 15 Stories (Exclude Volume Below), Add	22.46	
For Volume Of Area Within 15' To An Adjacent Building, Add	21.18	
For No Interior Partitions, Deduct	-16.04	
02 41 16 13-0013 Masonry Construction Building Demolition (02 41 16 13-0006)	68.69	
02 41 16 13-0014 CCF By Pneumatic Tools/Hand, Masonry Construction Building Demolition	68.69	
For Floor-To-Floor (Or Floor-To-Structure) Heights >12' To 15', Deduct	-5.15	
For Floor-To-Floor (Or Floor-To-Structure) Heights >15' To 18', Deduct	-10.30	
For Floor-To-Floor (Or Floor-To-Structure) Heights >18' To 21', Deduct	-15.46	
For Up To 500, Add	20.61	
For >500 To 1,000, Add	13.74	
For >1,000 To 2,000, Add	6.87	
For Volume Of Area Within 15' To An Adjacent Building, Add	22.67	
For No Interior Partitions, Deduct	-17.17	
02 41 16 13-0015 CCF By Machine, Masonry Construction Building Demolition	43.61	
For Floor-To-Floor (Or Floor-To-Structure) Heights >12' To 15', Deduct	-3.27	
For Floor-To-Floor (Or Floor-To-Structure) Heights >15' To 18', Deduct	-6.54	
For Floor-To-Floor (Or Floor-To-Structure) Heights >18' To 21', Deduct	-9.81	
For Up To 500, Add	13.08	
For >500 To 1,000, Add	8.72	
For >1,000 To 2,000, Add	4.36	
For Work >3 Stories To 6 Stories (Exclude Volume Below), Add	6.54	
For Work >6 Stories To 10 Stories (Exclude Volume Below), Add	10.90	
For Work >10 Stories To 15 Stories (Exclude Volume Below), Add	15.26	
For Volume Of Area Within 15' To An Adjacent Building, Add	14.39	
For No Interior Partitions, Deduct	-10.90	
02 41 16 13-0016 Wood Frame Construction Building Demolition (02 41 16 13-0006)	59.69	
02 41 16 13-0017 CCF By Pneumatic Tools/Hand, Wood Frame Construction Building Demolition	59.69	
For Floor-To-Floor (Or Floor-To-Structure) Heights >12' To 15', Deduct	-4.48	
For Floor-To-Floor (Or Floor-To-Structure) Heights >15' To 18', Deduct	-8.95	
For Floor-To-Floor (Or Floor-To-Structure) Heights >18' To 21', Deduct	-13.43	
For Up To 500, Add	17.91	
For >500 To 1,000, Add	11.94	
For >1,000 To 2,000, Add	5.97	
For Volume Of Area Within 15' To An Adjacent Building, Add	19.70	
For No Interior Partitions, Deduct	-14.92	
02 41 16 13-0018 CCF By Machine, Wood Frame Construction Building Demolition	37.32	
For Floor-To-Floor (Or Floor-To-Structure) Heights >12' To 15', Deduct	-2.80	
For Floor-To-Floor (Or Floor-To-Structure) Heights >15' To 18', Deduct	-5.60	
For Floor-To-Floor (Or Floor-To-Structure) Heights >18' To 21', Deduct	-8.40	
For Up To 500, Add	11.20	
For >500 To 1,000, Add	7.46	
For >1,000 To 2,000, Add	3.73	
For Work >3 Stories To 6 Stories (Exclude Volume Below), Add	5.60	
For Volume Of Area Within 15' To An Adjacent Building, Add	12.32	
For No Interior Partitions, Deduct	-9.33	
02 41 16 13-0019 Sorting Of Material Debris For Recycling Prior To Hauling Off (02 41 16 13-0006)	10.68	
Note: Per building volume.		
02 41 16 13-0020 CCF Sorting Of Material Debris For Recycling Prior To Hauling Off	10.68	
For Up To 500, Add	3.20	
For >500 To 1,000, Add	2.14	
For >1,000 To 2,000, Add	1.07	
02 41 16 13-0021 Foundation Demolition (02 41 16 13)		
Note: Excludes earthwork.		
02 41 16 13-0022 Concrete Foundation Demolition (02 41 16 13-0021)		
02 41 16 13-0023 CF Non-Reinforced Concrete Foundation Demolition	16.15	
For >135 To 405, Deduct	-1.41	
For >405 To 810, Deduct	-2.83	
For >810 To 2025, Deduct	-4.04	
For >2025, Deduct	-6.46	



Existing Conditions		02
Demolition and Structure Moving		02 40
Demolition		02 41

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 16 13-0024	CF		Reinforced Concrete Foundation Demolition	19.37	
			For >135 To 405, Deduct	-1.69	
			For >405 To 810, Deduct	-3.39	
			For >810 To 2025, Deduct	-4.84	
			For >2025, Deduct	-7.75	
02 41 16 13-0025 Concrete Foundation Wall Demolition (02 41 16 13-0021)					
02 41 16 13-0026	SF		4" Thick Non-Reinforced Concrete Foundation Wall Demolition.....	6.92	
			For >500 To 2,000, Deduct	-0.52	
			For >2,000 To 6,000, Deduct	-1.38	
			For >6,000 To 8,000, Deduct	-2.42	
			For >8,000, Deduct	-3.81	
02 41 16 13-0027	SF		6" Thick Non-Reinforced Concrete Foundation Wall Demolition.....	9.23	
			For >500 To 2,000, Deduct	-0.69	
			For >2,000 To 6,000, Deduct	-1.85	
			For >6,000 To 8,000, Deduct	-3.23	
			For >8,000, Deduct	-5.08	
02 41 16 13-0028	SF		8" Thick Non-Reinforced Concrete Foundation Wall Demolition.....	11.53	
			For >500 To 2,000, Deduct	-0.86	
			For >2,000 To 6,000, Deduct	-2.31	
			For >6,000 To 8,000, Deduct	-4.04	
			For >8,000, Deduct	-6.34	
02 41 16 13-0029	SF		10" Thick Non-Reinforced Concrete Foundation Wall Demolition.....	13.84	
			For >500 To 2,000, Deduct	-1.04	
			For >2,000 To 6,000, Deduct	-2.77	
			For >6,000 To 8,000, Deduct	-4.84	
			For >8,000, Deduct	-7.61	
02 41 16 13-0030	SF		12" Thick Non-Reinforced Concrete Foundation Wall Demolition.....	16.15	
			For >500 To 2,000, Deduct	-1.21	
			For >2,000 To 6,000, Deduct	-3.23	
			For >6,000 To 8,000, Deduct	-5.65	
			For >8,000, Deduct	-8.88	
02 41 16 13-0031	SF		16" Thick Non-Reinforced Concrete Foundation Wall Demolition.....	18.45	
			For >500 To 2,000, Deduct	-1.38	
			For >2,000 To 6,000, Deduct	-3.69	
			For >6,000 To 8,000, Deduct	-6.46	
			For >8,000, Deduct	-10.15	
02 41 16 13-0032	SF		4" Thick Reinforced Concrete Foundation Wall Demolition	8.30	
			For >500 To 2,000, Deduct	-0.62	
			For >2,000 To 6,000, Deduct	-1.66	
			For >6,000 To 8,000, Deduct	-2.91	
			For >8,000, Deduct	-4.57	
02 41 16 13-0033	SF		6" Thick Reinforced Concrete Foundation Wall Demolition	11.07	
			For >500 To 2,000, Deduct	-0.83	
			For >2,000 To 6,000, Deduct	-2.21	
			For >6,000 To 8,000, Deduct	-3.87	
			For >8,000, Deduct	-6.09	
02 41 16 13-0034	SF		8" Thick Reinforced Concrete Foundation Wall Demolition	13.84	
			For >500 To 2,000, Deduct	-1.04	
			For >2,000 To 6,000, Deduct	-2.77	
			For >6,000 To 8,000, Deduct	-4.84	
			For >8,000, Deduct	-7.61	
02 41 16 13-0035	SF		10" Thick Reinforced Concrete Foundation Wall Demolition	16.38	
			For >500 To 2,000, Deduct	-1.23	
			For >2,000 To 6,000, Deduct	-3.28	
			For >6,000 To 8,000, Deduct	-5.73	
			For >8,000, Deduct	-9.01	
02 41 16 13-0036	SF		12" Thick Reinforced Concrete Foundation Wall Demolition	19.37	
			For >500 To 2,000, Deduct	-1.45	
			For >2,000 To 6,000, Deduct	-3.87	
			For >6,000 To 8,000, Deduct	-6.78	
			For >8,000, Deduct	-10.65	
02 41 16 13-0037	SF		16" Thick Reinforced Concrete Foundation Wall Demolition	22.14	
			For >500 To 2,000, Deduct	-1.66	
			For >2,000 To 6,000, Deduct	-4.43	
			For >6,000 To 8,000, Deduct	-7.75	
			For >8,000, Deduct	-12.18	
02 41 16 13-0038 Concrete Block Foundation Wall Demolition (02 41 16 13-0021)					
02 41 16 13-0039	SF		4" Thick Non-Reinforced Concrete Block Foundation Wall Demolition.....	5.07	
			For >500 To 2,000, Deduct	-0.38	
			For >2,000 To 6,000, Deduct	-1.01	
			For >6,000 To 8,000, Deduct	-1.77	
			For >8,000, Deduct	-2.79	
02 41 16 13-0040	SF		6" Thick Non-Reinforced Concrete Block Foundation Wall Demolition.....	5.42	
			For >500 To 2,000, Deduct	-0.41	
			For >2,000 To 6,000, Deduct	-1.08	
			For >6,000 To 8,000, Deduct	-1.90	
			For >8,000, Deduct	-2.98	
02 41 16 13-0041	SF		8" Thick Non-Reinforced Concrete Block Foundation Wall Demolition.....	6.11	
			For >500 To 2,000, Deduct	-0.46	
			For >2,000 To 6,000, Deduct	-1.22	
			For >6,000 To 8,000, Deduct	-2.14	
			For >8,000, Deduct	-3.36	

02 Existing Conditions**02 40 Demolition and Structure Moving****02 41 Demolition**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 16 13-0042	SF	10" Thick Non-Reinforced Concrete Block Foundation Wall Demolition	.....	7.03	
		For >500 To 2,000, Deduct	.....	-0.53	
		For >2,000 To 6,000, Deduct	.....	-1.41	
		For >6,000 To 8,000, Deduct	.....	-2.46	
		For >8,000, Deduct	.....	-3.87	
02 41 16 13-0043	SF	12" Thick Non-Reinforced Concrete Block Foundation Wall Demolition	.....	7.85	
		For >500 To 2,000, Deduct	.....	-0.59	
		For >2,000 To 6,000, Deduct	.....	-1.57	
		For >6,000 To 8,000, Deduct	.....	-2.75	
		For >8,000, Deduct	.....	-4.32	
02 41 16 13-0044	SF	16" Thick Non-Reinforced Concrete Block Foundation Wall Demolition	.....	9.80	
		For >500 To 2,000, Deduct	.....	-0.74	
		For >2,000 To 6,000, Deduct	.....	-1.96	
		For >6,000 To 8,000, Deduct	.....	-3.43	
		For >8,000, Deduct	.....	-5.39	
02 41 16 13-0045	SF	4" Thick Reinforced Concrete Block Foundation Wall Demolition	.....	6.09	
		For >500 To 2,000, Deduct	.....	-0.46	
		For >2,000 To 6,000, Deduct	.....	-1.22	
		For >6,000 To 8,000, Deduct	.....	-2.13	
		For >8,000, Deduct	.....	-3.35	
02 41 16 13-0046	SF	6" Thick Reinforced Concrete Block Foundation Wall Demolition	.....	6.50	
		For >500 To 2,000, Deduct	.....	-0.49	
		For >2,000 To 6,000, Deduct	.....	-1.30	
		For >6,000 To 8,000, Deduct	.....	-2.28	
		For >8,000, Deduct	.....	-3.58	
02 41 16 13-0047	SF	8" Thick Reinforced Concrete Block Foundation Wall Demolition	.....	7.34	
		For >500 To 2,000, Deduct	.....	-0.55	
		For >2,000 To 6,000, Deduct	.....	-1.47	
		For >6,000 To 8,000, Deduct	.....	-2.57	
		For >8,000, Deduct	.....	-4.04	
02 41 16 13-0048	SF	10" Thick Reinforced Concrete Block Foundation Wall Demolition	.....	8.44	
		For >500 To 2,000, Deduct	.....	-0.63	
		For >2,000 To 6,000, Deduct	.....	-1.69	
		For >6,000 To 8,000, Deduct	.....	-2.95	
		For >8,000, Deduct	.....	-4.64	
02 41 16 13-0049	SF	12" Thick Reinforced Concrete Block Foundation Wall Demolition	.....	9.41	
		For >500 To 2,000, Deduct	.....	-0.71	
		For >2,000 To 6,000, Deduct	.....	-1.88	
		For >6,000 To 8,000, Deduct	.....	-3.29	
		For >8,000, Deduct	.....	-5.18	
02 41 16 13-0050	SF	16" Thick Reinforced Concrete Block Foundation Wall Demolition	.....	11.76	
		For >500 To 2,000, Deduct	.....	-0.88	
		For >2,000 To 6,000, Deduct	.....	-2.35	
		For >6,000 To 8,000, Deduct	.....	-4.12	
		For >8,000, Deduct	.....	-6.47	
02 41 16 13-0051		Brick Foundation Wall Demolition (02 41 16 13-0021)	.....		
02 41 16 13-0052	SF	4" Thick Brick Foundation Wall Demolition	.....	5.07	
		For >500 To 2,000, Deduct	.....	-0.38	
		For >2,000 To 6,000, Deduct	.....	-1.01	
		For >6,000 To 8,000, Deduct	.....	-1.77	
		For >8,000, Deduct	.....	-2.79	
02 41 16 13-0053	SF	6" Thick Brick Foundation Wall Demolition	.....	5.42	
		For >500 To 2,000, Deduct	.....	-0.41	
		For >2,000 To 6,000, Deduct	.....	-1.08	
		For >6,000 To 8,000, Deduct	.....	-1.90	
		For >8,000, Deduct	.....	-2.98	
02 41 16 13-0054	SF	8" Thick Brick Foundation Wall Demolition	.....	6.11	
		For >500 To 2,000, Deduct	.....	-0.46	
		For >2,000 To 6,000, Deduct	.....	-1.22	
		For >6,000 To 8,000, Deduct	.....	-2.14	
		For >8,000, Deduct	.....	-3.36	
02 41 16 13-0055	SF	10" Thick Brick Foundation Wall Demolition	.....	7.03	
		For >500 To 2,000, Deduct	.....	-0.53	
		For >2,000 To 6,000, Deduct	.....	-1.41	
		For >6,000 To 8,000, Deduct	.....	-2.46	
		For >8,000, Deduct	.....	-3.87	
02 41 16 13-0056	SF	12" Thick Brick Foundation Wall Demolition	.....	7.85	
		For >500 To 2,000, Deduct	.....	-0.59	
		For >2,000 To 6,000, Deduct	.....	-1.57	
		For >6,000 To 8,000, Deduct	.....	-2.75	
		For >8,000, Deduct	.....	-4.32	
02 41 16 13-0057	SF	16" Thick Brick Foundation Wall Demolition	.....	9.80	
		For >500 To 2,000, Deduct	.....	-0.74	
		For >2,000 To 6,000, Deduct	.....	-1.96	
		For >6,000 To 8,000, Deduct	.....	-3.43	
		For >8,000, Deduct	.....	-5.39	
02 41 16 13-0058		Stone Foundation Demolition (02 41 16 13-0021)	.....		
02 41 16 13-0059	CF	Stone Footing Or Foundation Wall Demolition	.....	16.15	
		For >135 To 405, Deduct	.....	-1.41	
		For >405 To 810, Deduct	.....	-2.83	
		For >810 To 2025, Deduct	.....	-4.04	
		For >2025, Deduct	.....	-6.46	



Existing Conditions		02
Demolition and Structure Moving		02 40
Demolition		02 41

MINOR CSI UOM DESCRIPTION		TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 16 13-0060 Other Foundation Demolition (02 41 16 13-0021)			
02 41 16 13-0061	CF Concrete Footing For Fence, Gate Or Playground Equipment Post, Etc. Demolition.....	16.69	
	Note: Includes excavation.		
	For >135 To 405, Deduct	-1.46	
	For >405 To 810, Deduct	-2.92	
	For >810 To 2025, Deduct	-4.17	
	For >2025, Deduct	-6.68	
02 41 19 Selective Demolition (02 41)			
02 41 19 13 Selective Building Demolition (02 41 19)			
02 41 19 13-0001 Exterior Masonry Removal (02 41 19 13)			
02 41 19 13-0002 Masonry Columns Removal (Interior And Exterior) (02 41 19 13-0001)			
02 41 19 13-0003	VLF 8" x 8" Masonry Column Removal	16.29	
02 41 19 13-0004	VLF 10" x 10" Masonry Column Removal	25.45	
02 41 19 13-0005	VLF 12" x 12" Masonry Column Removal	32.61	
02 41 19 13-0006	VLF 14" x 14" Masonry Column Removal	40.82	
02 41 19 13-0007	VLF 16" x 16" Masonry Column Removal	50.15	
02 41 19 13-0008	CF Masonry Column Removal, Per CF Of Masonry Removed; For Other Sizes Over 16" Square	28.16	
02 41 19 13-0009 Masonry Chimney Removal (02 41 19 13-0001)			
02 41 19 13-0010	CF Up To 3 CF/VLF Chimney Removal, Per CF Of Masonry Removed	33.04	
02 41 19 13-0011	CF >3 To 10 CF/VLF Chimney Removal, Per CF Of Masonry Removed	24.81	
02 41 19 13-0012	CF >10 To 20 CF/VLF Chimney Removal, Per CF Of Masonry Removed	18.98	
02 41 19 13-0013	CF >20 CF/VLF Chimney Removal, Per CF Of Masonry Removed	13.15	
02 41 19 13-0014 Remove And Reset Precast, Stone Or Masonry Coping (02 41 19 13-0001)			
	Note: Includes removing, cleaning, and resetting coping with new ties and mortar. Excludes finished edge saw cutting at the intersection between demolition and undisturbed areas. See CSI section 02 41 19 13-0059 for saw cutting.		
02 41 19 13-0015	LF Up To 8" Wide, Remove And Reset Precast, Stone Or Masonry Coping	19.80	
02 41 19 13-0016	LF >8" To 12" Wide, Remove And Reset Precast, Stone Or Masonry Coping	29.50	
02 41 19 13-0017	LF >12" To 24" Wide, Remove And Reset Precast, Stone Or Masonry Coping	56.19	
02 41 19 13-0018 Facade Removal (02 41 19 13-0001)			
	Note: Includes any saw cutting that may be required for size reduction into manageable pieces for handling and disposal. Excludes finished edge saw cutting at the intersection between demolition and undisturbed areas. See CSI section 02 41 19 13-0059 for saw cutting.		
02 41 19 13-0019	SF Stone Or Brick Veneer Facade Removal	6.20	
	For Cleaning and Storage For Reuse, Add	9.30	
02 41 19 13-0020 Exterior Masonry Removal (02 41 19 13-0001)			
	Note: Includes any saw cutting that may be required for size reduction into manageable pieces for handling and disposal. Salvage modifier includes removing mortar, scraping, cleaning, placement on pallets and storage on site. Excludes finished edge saw cutting at the intersection between demolition and undisturbed areas. See CSI section 02 41 19 13-0059 for saw cutting.		
02 41 19 13-0021	SF Demolish 4" Thick Non-Reinforced Concrete Block Exterior Wall	5.46	
02 41 19 13-0022	SF Demolish 6" Thick Non-Reinforced Concrete Block Exterior Wall	6.15	
02 41 19 13-0023	SF Demolish 8" Thick Non-Reinforced Concrete Block Exterior Wall	7.44	
02 41 19 13-0024	SF Demolish 10" Thick Non-Reinforced Concrete Block Exterior Wall	8.14	
02 41 19 13-0025	SF Demolish 12" Thick Non-Reinforced Concrete Block Exterior Wall	8.93	
02 41 19 13-0026	SF Demolish 16" Thick Non-Reinforced Concrete Block Exterior Wall	11.17	
02 41 19 13-0027	SF Demolish 4" Thick Reinforced Concrete Block Exterior Wall	6.45	
02 41 19 13-0028	SF Demolish 6" Thick Reinforced Concrete Block Exterior Wall	7.38	
02 41 19 13-0029	SF Demolish 8" Thick Reinforced Concrete Block Exterior Wall	8.93	
02 41 19 13-0030	SF Demolish 10" Thick Reinforced Concrete Block Exterior Wall	9.77	
02 41 19 13-0031	SF Demolish 12" Thick Reinforced Concrete Block Exterior Wall	10.72	
02 41 19 13-0032	SF Demolish 16" Thick Reinforced Concrete Block Exterior Wall	13.40	
02 41 19 13-0033	SF Demolish 4" Thick Brick Exterior Wall	5.46	
	For Cleaning and Storage For Reuse, Add	8.19	
02 41 19 13-0034	SF Demolish 6" Thick Brick Exterior Wall	6.15	
	For Cleaning and Storage For Reuse, Add	9.23	
02 41 19 13-0035	SF Demolish 8" Thick Brick Exterior Wall	7.44	
	For Cleaning and Storage For Reuse, Add	11.16	
02 41 19 13-0036	SF Demolish 10" Thick Brick Exterior Wall	8.14	
	For Cleaning and Storage For Reuse, Add	12.21	
02 41 19 13-0037	SF Demolish 12" Thick Brick Exterior Wall	8.93	
	For Cleaning and Storage For Reuse, Add	13.40	
02 41 19 13-0038	SF Demolish 16" Thick Brick Exterior Wall	11.17	
	For Cleaning and Storage For Reuse, Add	16.76	
02 41 19 13-0039	CF Exterior Brick, Concrete Block Or Composite Removal	15.87	
	For Cleaning and Storage For Reuse, Add	23.81	

02 Existing Conditions**02 40 Demolition and Structure Moving****02 41 Demolition**MINOR
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

02 41 19 13-0040		Lintel Removal (02 41 19 13-0001)	
		Note: Includes any saw cutting that may be required for size reduction into manageable pieces for handling and disposal. Excludes finished edge saw cutting at the intersection between demolition and undisturbed areas. See CSI section 02 41 19 13-0059 for saw cutting.	
02 41 19 13-0041	LF	Demolish Steel Lintel	12.02
02 41 19 13-0042	LF	Demolish Concrete Or Stone Lintel	16.03
02 41 19 13-0043	LF	Demolish Steel Shelf Angle	12.69
02 41 19 13-0044		Reinstall Lintel (02 41 19 13-0001)	
		Note: Excludes finished edge saw cutting at the intersection between demolition and undisturbed areas. See CSI section 02 41 19 13-0059 for saw cutting.	
02 41 19 13-0045	LF	Clean, Prime And Paint Steel Shelf Angle Or Lintel	7.01
02 41 19 13-0046	LF	Reinstall Existing Concrete Or Stone Lintel	16.03
02 41 19 13-0047	LF	Reinstall Existing Steel Shelf Angle	46.77
		Note: Includes fasteners.	
02 41 19 13-0048	LF	Reinstall Existing Steel Lintel	17.81
02 41 19 13-0049	LF	Removal And Replacement Of Steel Shelf Angle Over Window Openings At Cavity Walls	80.08
02 41 19 13-0050	LF	Removal And Replacement Of Steel Lintel Over Window Openings	154.58
02 41 19 13-0051		Exterior Concrete Wall Removal (02 41 19 13)	
02 41 19 13-0052	SF	Demolish 4" Thick Reinforced Concrete Exterior Wall	7.18
02 41 19 13-0053	SF	Demolish 6" Thick Reinforced Concrete Exterior Wall	13.03
02 41 19 13-0054	SF	Demolish 8" Thick Reinforced Concrete Exterior Wall	16.38
02 41 19 13-0055	SF	Demolish 10" Thick Reinforced Concrete Exterior Wall	19.32
02 41 19 13-0056	SF	Demolish 12" Thick Reinforced Concrete Exterior Wall	22.83
02 41 19 13-0057		Elevated Concrete Removal (02 41 19 13)	
02 41 19 13-0058	CF	Elevated Concrete Beam/Slab/Steps Removal, Reinforced	13.95
02 41 19 13-0059		Saw Cutting (02 41 19 13)	
		Note: Includes blade wear, water, taping off area, layout, clean-up and mist spray with wet vacuuming for dust control where necessary. For projects where the total saw cutting charge is less than the minimum charge, use task "Saw Cut Minimum Charge" exclusively. Task "Saw Cut Minimum Charge" should not be used in conjunction with any other tasks in this section.	
02 41 19 13-0060	LF	Bituminous Paving Up To 4" Depth, Saw Cut	2.44
		For Each Additional Pass (Depth To 3"), Add	0.95
		For >250, Deduct	-0.24
02 41 19 13-0061	LF	Brick Masonry Up To 4" Depth, Saw Cut	9.30
		For Each Additional Pass (Depth To 3"), Add	3.69
		For >250, Deduct	-0.92
02 41 19 13-0062	LF	Concrete Block Up To 4" Depth, Saw Cut	8.40
		For Each Additional Pass (Depth To 3"), Add	3.33
		For >250, Deduct	-0.83
02 41 19 13-0063	LF	Non-Reinforced Concrete Slab Or Paving Up To 4" Depth, Saw Cut	2.79
		For Each Additional Pass (Depth To 3"), Add	1.08
		For >250, Deduct	-0.27
02 41 19 13-0064	LF	Welded Wire Reinforced Concrete Slab Up To 4" Depth, Saw Cut	3.70
		For Each Additional Pass (Depth To 3"), Add	1.44
		For >250, Deduct	-0.36
02 41 19 13-0065	LF	Rod Reinforced Concrete Slab Up To 4" Depth, Saw Cut	6.16
		For Each Additional Pass (Depth To 3"), Add	2.42
		For >250, Deduct	-0.60
02 41 19 13-0066	LF	Plain Concrete Walls Up To 4" Depth, Saw Cut	11.90
		For Each Additional Pass (Depth To 3"), Add	4.72
		For >250, Deduct	-1.18
02 41 19 13-0067	LF	Saw Cut Rod Reinforced Concrete Walls Up To 4" Depth	15.99
		For Each Additional Pass (Depth To 3"), Add	6.35
		For >250, Deduct	-1.58
02 41 19 13-0068	LF	Concrete And Asphalt Up To 4" Depth, Saw Cut In Streets	3.23
		For Each Additional Pass (Depth To 3"), Add	1.17
		For >250, Deduct	-0.28
02 41 19 13-0069	LF	Igneous Stone Pavements Up To 4" Depth, Saw Cut	8.42
		For Each Additional Pass (Depth To 3"), Add	3.33
		For >250, Deduct	-0.83
02 41 19 13-0070	LF	Sedimentary Stone Pavements Up To 4" Depth, Saw Cut	8.42
		For Each Additional Pass (Depth To 3"), Add	3.33
		For >250, Deduct	-0.83
02 41 19 13-0071	LF	Metamorphic Stone Pavements Up To 4" Depth, Saw Cut	8.42
		For Each Additional Pass (Depth To 3"), Add	3.33
		For >250, Deduct	-0.83
02 41 19 13-0072	LF	Terrazzo Stone Pavements Up To 4" Depth, Saw Cut	8.42
		For Each Additional Pass (Depth To 3"), Add	3.33
		For >250, Deduct	-0.83
02 41 19 13-0073	EA	Saw Cut Minimum Charge	1,149.33
		Note: For projects where the total saw cutting charge is less than the minimum charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	



Existing Conditions		02
Demolition and Structure Moving		02 40
Demolition		02 41

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0074 Torch Cutting (02 41 19 13) Note: Includes grinding edge		
02 41 19 13-0075 LF Up To 1/2", Torch Cut Steel Plate.....	3.02	
02 41 19 13-0076 LF >1/2" To 1" Thick, Torch Cut Steel Plate	6.04	
02 41 19 13-0077 LF >1" To 1-1/2" Thick, Torch Cut Steel Plate	9.06	
02 41 19 13-0078 LF >1-1/2" To 2" Thick, Torch Cut Steel Plate	12.08	
02 41 19 13-0079 LF >2" To 2-1/2" Thick, Torch Cut Steel Plate	15.10	
02 41 19 13-0080 LF >2-1/2" To 3" Thick, Torch Cut Steel Plate	18.11	
02 41 19 13-0081 EA Torch Cutting Minimum Charge.....	997.18	
Note: For projects where the total torch cutting charge is less than the minimum charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.		
02 41 19 13-0082 Drilling In Existing Materials (02 41 19 13) Note: Includes drill bit wear, water, layout, set-up and clean-up.		
02 41 19 13-0083 Concrete Core Drilling (02 41 19 13-0082)		
02 41 19 13-0084 Up To 4" Thick Concrete Core Drilling (02 41 19 13-0083)		
02 41 19 13-0085 EA Drill 1" Diameter Core In Up To 4" Concrete.....	45.66	
For Horizontal Cores, Add	9.04	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	18.08	
02 41 19 13-0086 EA Drill 1-1/2" Diameter Core In Up To 4" Concrete	50.65	
For Horizontal Cores, Add	10.04	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	20.07	
02 41 19 13-0087 EA Drill 2" Diameter Core In Up To 4" Concrete.....	56.25	
For Horizontal Cores, Add	11.16	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	22.31	
02 41 19 13-0088 EA Drill 3" Diameter Core In Up To 4" Concrete.....	80.32	
For Horizontal Cores, Add	15.94	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	31.88	
02 41 19 13-0089 EA Drill 4" Diameter Core In Up To 4" Concrete.....	107.63	
For Horizontal Cores, Add	21.35	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	42.71	
02 41 19 13-0090 EA Drill 6" Diameter Core In Up To 4" Concrete.....	120.60	
For Horizontal Cores, Add	23.90	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	47.81	
02 41 19 13-0091 EA Drill 8" Diameter Core In Up To 4" Concrete.....	192.73	
For Horizontal Cores, Add	38.25	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	76.50	
02 41 19 13-0092 EA Drill 10" Diameter Core In Up To 4" Concrete.....	241.07	
For Horizontal Cores, Add	47.81	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	95.62	
02 41 19 13-0093 EA Drill 12" Diameter Core In Up To 4" Concrete.....	281.31	
For Horizontal Cores, Add	55.78	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	111.56	
02 41 19 13-0094 EA Drill 14" Diameter Core In Up To 4" Concrete.....	321.57	
For Horizontal Cores, Add	63.74	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	127.48	
02 41 19 13-0095 EA Drill 18" Diameter Core In Up To 4" Concrete.....	362.22	
For Horizontal Cores, Add	71.71	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	143.41	
02 41 19 13-0096 >4" To 6" Thick Concrete Core Drilling (02 41 19 13-0083)		
02 41 19 13-0097 EA Drill 1" Diameter Core In >4" To 6" Concrete.....	65.25	
For Horizontal Cores, Add	12.91	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	25.81	
02 41 19 13-0098 EA Drill 1-1/2" Diameter Core In >4" To 6" Concrete.....	72.41	
For Horizontal Cores, Add	14.34	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	28.68	
02 41 19 13-0099 EA Drill 2" Diameter Core In >4" To 6" Concrete.....	80.38	
For Horizontal Cores, Add	15.93	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	31.86	
02 41 19 13-0100 EA Drill 3" Diameter Core In >4" To 6" Concrete.....	96.61	
For Horizontal Cores, Add	19.12	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	38.25	
02 41 19 13-0101 EA Drill 4" Diameter Core In >4" To 6" Concrete.....	120.84	
For Horizontal Cores, Add	23.90	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	47.81	
02 41 19 13-0102 EA Drill 6" Diameter Core In >4" To 6" Concrete.....	161.00	
For Horizontal Cores, Add	31.87	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	63.74	
02 41 19 13-0103 EA Drill 8" Diameter Core In >4" To 6" Concrete.....	241.28	
For Horizontal Cores, Add	47.81	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	95.62	
02 41 19 13-0104 EA Drill 10" Diameter Core In >4" To 6" Concrete.....	281.91	
For Horizontal Cores, Add	55.78	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	111.56	
02 41 19 13-0105 EA Drill 12" Diameter Core In >4" To 6" Concrete.....	322.31	
For Horizontal Cores, Add	63.74	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	127.48	
02 41 19 13-0106 EA Drill 14" Diameter Core In >4" To 6" Concrete.....	362.92	
For Horizontal Cores, Add	71.71	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	143.41	

02 Existing Conditions**02 40 Demolition and Structure Moving****02 41 Demolition**

MINOR			TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
02 41 19 13-0107	EA	Drill 18" Diameter Core In >4" To 6" Concrete.....	404.08		
		For Horizontal Cores, Add	79.68		
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	159.36		
02 41 19 13-0108 >6" To 8" Thick Concrete Core Drilling (02 41 19 13-0083)					
02 41 19 13-0109	EA	Drill 1" Diameter Core In >6" To 8" Concrete.....	71.98		
		For Horizontal Cores, Add	14.20		
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	28.40		
02 41 19 13-0110	EA	Drill 1-1/2" Diameter Core In >6" To 8" Concrete.....	79.86		
		For Horizontal Cores, Add	15.78		
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	31.55		
02 41 19 13-0111	EA	Drill 2" Diameter Core In >6" To 8" Concrete.....	88.63		
		For Horizontal Cores, Add	17.53		
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	35.06		
02 41 19 13-0112	EA	Drill 3" Diameter Core In >6" To 8" Concrete.....	104.94		
		For Horizontal Cores, Add	20.72		
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	41.44		
02 41 19 13-0113	EA	Drill 4" Diameter Core In >6" To 8" Concrete.....	137.22		
		For Horizontal Cores, Add	27.09		
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	54.18		
02 41 19 13-0114	EA	Drill 6" Diameter Core In >6" To 8" Concrete.....	193.44		
		For Horizontal Cores, Add	38.25		
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	76.50		
02 41 19 13-0115	EA	Drill 8" Diameter Core In >6" To 8" Concrete.....	321.69		
		For Horizontal Cores, Add	63.74		
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	127.48		
02 41 19 13-0116	EA	Drill 10" Diameter Core In >6" To 8" Concrete.....	362.54		
		For Horizontal Cores, Add	71.71		
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	143.41		
02 41 19 13-0117	EA	Drill 12" Diameter Core In >6" To 8" Concrete.....	403.20		
		For Horizontal Cores, Add	79.68		
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	159.36		
02 41 19 13-0118	EA	Drill 14" Diameter Core In >6" To 8" Concrete.....	444.06		
		For Horizontal Cores, Add	87.63		
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	175.26		
02 41 19 13-0119	EA	Drill 18" Diameter Core In >6" To 8" Concrete.....	485.77		
		For Horizontal Cores, Add	95.62		
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	191.24		
02 41 19 13-0120 >8" To 10" Thick Concrete Core Drilling (02 41 19 13-0083)					
02 41 19 13-0121	EA	Drill 1" Diameter Core In >8" To 10" Concrete.....	85.14		
		For Horizontal Cores, Add	16.78		
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	33.56		
02 41 19 13-0122	EA	Drill 1-1/2" Diameter Core In >8" To 10" Concrete.....	94.47		
		For Horizontal Cores, Add	18.65		
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	37.29		
02 41 19 13-0123	EA	Drill 2" Diameter Core In >8" To 10" Concrete.....	104.82		
		For Horizontal Cores, Add	20.72		
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	41.43		
02 41 19 13-0124	EA	Drill 3" Diameter Core In >8" To 10" Concrete.....	121.23		
		For Horizontal Cores, Add	23.90		
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	47.81		
02 41 19 13-0125	EA	Drill 4" Diameter Core In >8" To 10" Concrete.....	137.68		
		For Horizontal Cores, Add	27.09		
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	54.18		
02 41 19 13-0126	EA	Drill 6" Diameter Core In >8" To 10" Concrete.....	194.00		
		For Horizontal Cores, Add	38.25		
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	76.50		
02 41 19 13-0127	EA	Drill 8" Diameter Core In >8" To 10" Concrete.....	322.45		
		For Horizontal Cores, Add	63.74		
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	127.48		
02 41 19 13-0128	EA	Drill 10" Diameter Core In >8" To 10" Concrete.....	363.54		
		For Horizontal Cores, Add	71.71		
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	143.41		
02 41 19 13-0129	EA	Drill 12" Diameter Core In >8" To 10" Concrete.....	404.32		
		For Horizontal Cores, Add	79.66		
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	159.32		
02 41 19 13-0130	EA	Drill 14" Diameter Core In >8" To 10" Concrete.....	445.57		
		For Horizontal Cores, Add	87.63		
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	175.26		
02 41 19 13-0131	EA	Drill 18" Diameter Core In >8" To 10" Concrete.....	487.65		
		For Horizontal Cores, Add	95.59		
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	191.19		
02 41 19 13-0132 >10" To 12" Thick Concrete Core Drilling (02 41 19 13-0083)					
02 41 19 13-0133	EA	Drill 1" Diameter Core In >10" To 12" Concrete.....	91.86		
		For Horizontal Cores, Add	18.07		
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	36.14		
02 41 19 13-0134	EA	Drill 1-1/2" Diameter Core In >10" To 12" Concrete.....	101.90		
		For Horizontal Cores, Add	20.08		
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	40.16		



Existing Conditions		02
Demolition and Structure Moving		02 40
Demolition		02 41

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0135 EA Drill 2" Diameter Core In >10" To 12" Concrete.....	113.06	
For Horizontal Cores, Add	22.31	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	44.62	
02 41 19 13-0136 EA Drill 3" Diameter Core In >10" To 12" Concrete.....	121.59	
For Horizontal Cores, Add	23.90	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	47.81	
02 41 19 13-0137 EA Drill 4" Diameter Core In >10" To 12" Concrete.....	162.05	
For Horizontal Cores, Add	37.87	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	63.74	
02 41 19 13-0138 EA Drill 6" Diameter Core In >10" To 12" Concrete.....	210.49	
For Horizontal Cores, Add	41.44	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	82.87	
02 41 19 13-0139 EA Drill 8" Diameter Core In >10" To 12" Concrete.....	339.17	
For Horizontal Cores, Add	66.93	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	133.86	
02 41 19 13-0140 EA Drill 10" Diameter Core In >10" To 12" Concrete.....	384.54	
For Horizontal Cores, Add	71.71	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	143.41	
02 41 19 13-0141 EA Drill 12" Diameter Core In >10" To 12" Concrete.....	421.57	
For Horizontal Cores, Add	82.87	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	165.75	
02 41 19 13-0142 >12" Thick Concrete Core Drilling (02 41 19 13-0083)		
02 41 19 13-0143 IN Drill 1" Diameter Core In >12" Concrete.....	11.18	
For Horizontal Cores, Add	2.21	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	4.42	
02 41 19 13-0144 IN Drill 1-1/2" Diameter Core In >12" Concrete.....	12.41	
For Horizontal Cores, Add	2.46	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	4.91	
02 41 19 13-0145 IN Drill 2" Diameter Core In >12" Concrete.....	13.77	
For Horizontal Cores, Add	2.73	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	5.46	
02 41 19 13-0146 IN Drill 3" Diameter Core In >12" Concrete.....	15.11	
For Horizontal Cores, Add	2.99	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	5.98	
02 41 19 13-0147 IN Drill 4" Diameter Core In >12" Concrete.....	20.13	
For Horizontal Cores, Add	3.98	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	7.96	
02 41 19 13-0148 IN Drill 6" Diameter Core In >12" Concrete.....	26.20	
For Horizontal Cores, Add	5.18	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	10.37	
02 41 19 13-0149 IN Drill 8" Diameter Core In >12" Concrete.....	42.25	
For Horizontal Cores, Add	8.37	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	16.75	
02 41 19 13-0150 IN Drill 10" Diameter Core In >12" Concrete.....	45.51	
For Horizontal Cores, Add	9.00	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	18.00	
02 41 19 13-0151 IN Drill 12" Diameter Core In >12" Concrete.....	52.42	
For Horizontal Cores, Add	10.36	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	20.73	
02 41 19 13-0152 Brick/Concrete Block Core Drilling (02 41 19 13-0082)		
02 41 19 13-0153 Up To 4" Thick Brick/Concrete Block Core Drilling (02 41 19 13-0152)		
02 41 19 13-0154 EA Drill 1" Diameter Core In Up To 4" Brick/Concrete Block.....	36.62	
For Horizontal Cores, Add	7.23	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	14.46	
02 41 19 13-0155 EA Drill 1-1/2" Diameter Core In Up To 4" Brick/Concrete Block.....	40.63	
For Horizontal Cores, Add	8.03	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	16.06	
02 41 19 13-0156 EA Drill 2" Diameter Core In Up To 4" Brick/Concrete Block.....	45.09	
For Horizontal Cores, Add	8.92	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	17.85	
02 41 19 13-0157 EA Drill 3" Diameter Core In Up To 4" Brick/Concrete Block.....	64.38	
For Horizontal Cores, Add	12.75	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	25.50	
02 41 19 13-0158 EA Drill 4" Diameter Core In Up To 4" Brick/Concrete Block.....	86.28	
For Horizontal Cores, Add	17.08	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	34.17	
02 41 19 13-0159 EA Drill 6" Diameter Core In Up To 4" Brick/Concrete Block.....	96.70	
For Horizontal Cores, Add	19.12	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	38.25	
02 41 19 13-0160 EA Drill 8" Diameter Core In Up To 4" Brick/Concrete Block.....	154.47	
For Horizontal Cores, Add	30.60	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	61.20	
02 41 19 13-0161 EA Drill 10" Diameter Core In Up To 4" Brick/Concrete Block.....	193.26	
For Horizontal Cores, Add	38.25	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	76.50	
02 41 19 13-0162 EA Drill 12" Diameter Core In Up To 4" Brick/Concrete Block.....	225.53	
For Horizontal Cores, Add	44.62	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	89.25	

02 Existing Conditions**02 40 Demolition and Structure Moving****02 41 Demolition**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0163	EA		Drill 14" Diameter Core In Up To 4" Brick/Concrete Block	257.83	
			<i>For Horizontal Cores, Add</i>	50.99	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	101.98	
02 41 19 13-0164	EA		Drill 18" Diameter Core In Up To 4" Brick/Concrete Block	290.51	
			<i>For Horizontal Cores, Add</i>	57.36	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	114.73	
02 41 19 13-0165 >4" To 6" Thick Brick/Concrete Block Core Drilling (02 41 19 13-0152)					
02 41 19 13-0166	EA		Drill 1" Diameter Core In >4" To 6" Brick/Concrete Block	52.35	
			<i>For Horizontal Cores, Add</i>	10.33	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	20.65	
02 41 19 13-0167	EA		Drill 1-1/2" Diameter Core In >4" To 6" Brick/Concrete Block	58.08	
			<i>For Horizontal Cores, Add</i>	11.47	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	22.94	
02 41 19 13-0168	EA		Drill 2" Diameter Core In >4" To 6" Brick/Concrete Block	64.46	
			<i>For Horizontal Cores, Add</i>	12.75	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	25.50	
02 41 19 13-0169	EA		Drill 3" Diameter Core In >4" To 6" Brick/Concrete Block	77.49	
			<i>For Horizontal Cores, Add</i>	15.30	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	30.60	
02 41 19 13-0170	EA		Drill 4" Diameter Core In >4" To 6" Brick/Concrete Block	96.94	
			<i>For Horizontal Cores, Add</i>	19.12	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	38.25	
02 41 19 13-0171	EA		Drill 6" Diameter Core In >4" To 6" Brick/Concrete Block	129.13	
			<i>For Horizontal Cores, Add</i>	25.50	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	51.00	
02 41 19 13-0172	EA		Drill 8" Diameter Core In >4" To 6" Brick/Concrete Block	193.47	
			<i>For Horizontal Cores, Add</i>	38.25	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	76.50	
02 41 19 13-0173	EA		Drill 10" Diameter Core In >4" To 6" Brick/Concrete Block	226.13	
			<i>For Horizontal Cores, Add</i>	44.62	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	89.25	
02 41 19 13-0174	EA		Drill 12" Diameter Core In >4" To 6" Brick/Concrete Block	258.57	
			<i>For Horizontal Cores, Add</i>	50.99	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	101.98	
02 41 19 13-0175	EA		Drill 14" Diameter Core In >4" To 6" Brick/Concrete Block	291.21	
			<i>For Horizontal Cores, Add</i>	57.36	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	114.73	
02 41 19 13-0176	EA		Drill 18" Diameter Core In >4" To 6" Brick/Concrete Block	324.40	
			<i>For Horizontal Cores, Add</i>	63.74	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	127.48	
02 41 19 13-0177 >6" To 8" Thick Brick/Concrete Block Core Drilling (02 41 19 13-0152)					
02 41 19 13-0178	EA		Drill 1" Diameter Core In >6" To 8" Brick/Concrete Block	57.77	
			<i>For Horizontal Cores, Add</i>	11.36	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	22.72	
02 41 19 13-0179	EA		Drill 1-1/2" Diameter Core In >6" To 8" Brick/Concrete Block	64.09	
			<i>For Horizontal Cores, Add</i>	12.62	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	25.24	
02 41 19 13-0180	EA		Drill 2" Diameter Core In >6" To 8" Brick/Concrete Block	71.10	
			<i>For Horizontal Cores, Add</i>	14.02	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	28.05	
02 41 19 13-0181	EA		Drill 3" Diameter Core In >6" To 8" Brick/Concrete Block	84.21	
			<i>For Horizontal Cores, Add</i>	16.57	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	33.14	
02 41 19 13-0182	EA		Drill 4" Diameter Core In >6" To 8" Brick/Concrete Block	110.13	
			<i>For Horizontal Cores, Add</i>	21.67	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	43.34	
02 41 19 13-0183	EA		Drill 6" Diameter Core In >6" To 8" Brick/Concrete Block	155.18	
			<i>For Horizontal Cores, Add</i>	30.60	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	61.20	
02 41 19 13-0184	EA		Drill 8" Diameter Core In >6" To 8" Brick/Concrete Block	257.95	
			<i>For Horizontal Cores, Add</i>	50.99	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	101.98	
02 41 19 13-0185	EA		Drill 10" Diameter Core In >6" To 8" Brick/Concrete Block	290.83	
			<i>For Horizontal Cores, Add</i>	57.36	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	114.73	
02 41 19 13-0186	EA		Drill 12" Diameter Core In >6" To 8" Brick/Concrete Block	323.52	
			<i>For Horizontal Cores, Add</i>	63.74	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	127.48	
02 41 19 13-0187	EA		Drill 14" Diameter Core In >6" To 8" Brick/Concrete Block	356.43	
			<i>For Horizontal Cores, Add</i>	70.10	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	140.21	
02 41 19 13-0188	EA		Drill 18" Diameter Core In >6" To 8" Brick/Concrete Block	390.15	
			<i>For Horizontal Cores, Add</i>	76.49	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	152.99	
02 41 19 13-0189 >8" To 10" Thick Brick/Concrete Block Core Drilling (02 41 19 13-0152)					
02 41 19 13-0190	EA		Drill 1" Diameter Core In >8" To 10" Brick/Concrete Block	68.36	
			<i>For Horizontal Cores, Add</i>	13.42	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	26.85	



Existing Conditions		02
Demolition and Structure Moving		02 40
Demolition		02 41

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0191 EA Drill 1-1/2" Diameter Core In >8" To 10" Brick/Concrete Block.....	75.82	
For Horizontal Cores, Add	14.92	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	29.83	
02 41 19 13-0192 EA Drill 2" Diameter Core In >8" To 10" Brick/Concrete Block.....	84.10	
For Horizontal Cores, Add	16.57	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	33.14	
02 41 19 13-0193 EA Drill 3" Diameter Core In >8" To 10" Brick/Concrete Block.....	97.33	
For Horizontal Cores, Add	19.12	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	38.25	
02 41 19 13-0194 EA Drill 4" Diameter Core In >8" To 10" Brick/Concrete Block.....	110.59	
For Horizontal Cores, Add	21.67	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	43.34	
02 41 19 13-0195 EA Drill 6" Diameter Core In >8" To 10" Brick/Concrete Block.....	155.74	
For Horizontal Cores, Add	30.80	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	61.20	
02 41 19 13-0196 EA Drill 8" Diameter Core In >8" To 10" Brick/Concrete Block.....	258.71	
For Horizontal Cores, Add	50.99	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	101.98	
02 41 19 13-0197 EA Drill 10" Diameter Core In >8" To 10" Brick/Concrete Block.....	291.83	
For Horizontal Cores, Add	57.36	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	114.73	
02 41 19 13-0198 EA Drill 12" Diameter Core In >8" To 10" Brick/Concrete Block.....	324.66	
For Horizontal Cores, Add	63.73	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	127.46	
02 41 19 13-0199 EA Drill 14" Diameter Core In >8" To 10" Brick/Concrete Block.....	357.94	
For Horizontal Cores, Add	70.10	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	140.21	
02 41 19 13-0200 EA Drill 18" Diameter Core In >8" To 10" Brick/Concrete Block.....	392.06	
For Horizontal Cores, Add	76.48	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	152.95	
02 41 19 13-0201 >10" To 12" Thick Brick/Concrete Block Core Drilling (02 41 19 13-0152)		
02 41 19 13-0202 EA Drill 1" Diameter Core In >10" To 12" Brick/Concrete Block.....	73.78	
For Horizontal Cores, Add	14.46	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	28.91	
02 41 19 13-0203 EA Drill 1-1/2" Diameter Core In >10" To 12" Brick/Concrete Block.....	81.82	
For Horizontal Cores, Add	16.06	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	32.13	
02 41 19 13-0204 EA Drill 2" Diameter Core In >10" To 12" Brick/Concrete Block.....	90.74	
For Horizontal Cores, Add	17.85	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	35.70	
02 41 19 13-0205 EA Drill 3" Diameter Core In >10" To 12" Brick/Concrete Block.....	97.69	
For Horizontal Cores, Add	19.12	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	38.25	
02 41 19 13-0206 EA Drill 4" Diameter Core In >10" To 12" Brick/Concrete Block.....	130.18	
For Horizontal Cores, Add	25.50	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	51.00	
02 41 19 13-0207 EA Drill 6" Diameter Core In >10" To 12" Brick/Concrete Block.....	169.06	
For Horizontal Cores, Add	33.15	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	66.30	
02 41 19 13-0208 EA Drill 8" Diameter Core In >10" To 12" Brick/Concrete Block.....	272.23	
For Horizontal Cores, Add	53.54	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	107.09	
02 41 19 13-0209 EA Drill 10" Diameter Core In >10" To 12" Brick/Concrete Block.....	292.83	
For Horizontal Cores, Add	57.36	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	114.73	
02 41 19 13-0210 EA Drill 12" Diameter Core In >10" To 12" Brick/Concrete Block.....	338.69	
For Horizontal Cores, Add	66.30	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	132.60	
02 41 19 13-0211 >12" Thick Brick/Concrete Block Core Drilling (02 41 19 13-0152)		
02 41 19 13-0212 IN Drill 1" Diameter Core In >12" Brick/Concrete Block.....	8.97	
For Horizontal Cores, Add	1.77	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	3.54	
02 41 19 13-0213 IN Drill 1-1/2" Diameter Core In >12" Brick/Concrete Block.....	9.95	
For Horizontal Cores, Add	1.96	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	3.93	
02 41 19 13-0214 IN Drill 2" Diameter Core In >12" Brick/Concrete Block.....	11.04	
For Horizontal Cores, Add	2.18	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	4.36	
02 41 19 13-0215 IN Drill 3" Diameter Core In >12" Brick/Concrete Block.....	12.12	
For Horizontal Cores, Add	2.39	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	4.78	
02 41 19 13-0216 IN Drill 4" Diameter Core In >12" Brick/Concrete Block.....	16.15	
For Horizontal Cores, Add	3.19	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	6.37	
02 41 19 13-0217 IN Drill 6" Diameter Core In >12" Brick/Concrete Block.....	21.01	
For Horizontal Cores, Add	4.15	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	8.29	
02 41 19 13-0218 IN Drill 8" Diameter Core In >12" Brick/Concrete Block.....	33.88	
For Horizontal Cores, Add	6.70	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	13.40	

02 Existing Conditions**02 40 Demolition and Structure Moving****02 41 Demolition**

MINOR CSI UOM DESCRIPTION			TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0219	IN	Drill 10" Diameter Core In >12" Brick/Concrete Block..... <i>For Horizontal Cores, Add</i> <i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	36.50 7.20 14.40	
02 41 19 13-0220	IN	Drill 12" Diameter Core In >12" Brick/Concrete Block..... <i>For Horizontal Cores, Add</i> <i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	42.06 8.29 16.58	
02 41 19 13-0221		Asphalt Core Drilling (02 41 19 13-0082)		
02 41 19 13-0222		Up To 2" Thick Asphalt Core Drilling (02 41 19 13-0221)		
02 41 19 13-0223	EA	Drill 1" Diameter Core In Up To 2" Asphalt.....	21.91	
02 41 19 13-0224	EA	Drill 1-1/2" Diameter Core In Up To 2" Asphalt.....	27.40	
02 41 19 13-0225	EA	Drill 2" Diameter Core In Up To 2" Asphalt.....	34.25	
02 41 19 13-0226	EA	Drill 3" Diameter Core In Up To 2" Asphalt.....	42.48	
02 41 19 13-0227	EA	Drill 4" Diameter Core In Up To 2" Asphalt.....	53.45	
02 41 19 13-0228	EA	Drill 6" Diameter Core In Up To 2" Asphalt.....	67.16	
02 41 19 13-0229	EA	Drill 8" Diameter Core In Up To 2" Asphalt.....	83.64	
02 41 19 13-0230	EA	Drill 10" Diameter Core In Up To 2" Asphalt.....	104.17	
02 41 19 13-0231	EA	Drill 12" Diameter Core In Up To 2" Asphalt.....	130.19	
02 41 19 13-0232		>2" To 3" Thick Asphalt Core Drilling (02 41 19 13-0221)		
02 41 19 13-0233	EA	Drill 1" Diameter Core In >2" To 3" Asphalt.....	27.39	
02 41 19 13-0234	EA	Drill 1-1/2" Diameter Core In >2" To 3" Asphalt.....	35.60	
02 41 19 13-0235	EA	Drill 2" Diameter Core In >2" To 3" Asphalt.....	43.82	
02 41 19 13-0236	EA	Drill 3" Diameter Core In >2" To 3" Asphalt.....	54.78	
02 41 19 13-0237	EA	Drill 4" Diameter Core In >2" To 3" Asphalt.....	68.49	
02 41 19 13-0238	EA	Drill 6" Diameter Core In >2" To 3" Asphalt.....	86.30	
02 41 19 13-0239	EA	Drill 8" Diameter Core In >2" To 3" Asphalt.....	106.89	
02 41 19 13-0240	EA	Drill 10" Diameter Core In >2" To 3" Asphalt.....	134.26	
02 41 19 13-0241	EA	Drill 12" Diameter Core In >2" To 3" Asphalt.....	167.11	
02 41 19 13-0242		>3" To 4" Thick Asphalt Core Drilling (02 41 19 13-0221)		
02 41 19 13-0243	EA	Drill 1" Diameter Core In >3" To 4" Asphalt.....	35.61	
02 41 19 13-0244	EA	Drill 1-1/2" Diameter Core In >3" To 4" Asphalt.....	45.21	
02 41 19 13-0245	EA	Drill 2" Diameter Core In >3" To 4" Asphalt.....	56.15	
02 41 19 13-0246	EA	Drill 3" Diameter Core In >3" To 4" Asphalt.....	69.87	
02 41 19 13-0247	EA	Drill 4" Diameter Core In >3" To 4" Asphalt.....	87.71	
02 41 19 13-0248	EA	Drill 6" Diameter Core In >3" To 4" Asphalt.....	109.65	
02 41 19 13-0249	EA	Drill 8" Diameter Core In >3" To 4" Asphalt.....	137.12	
02 41 19 13-0250	EA	Drill 10" Diameter Core In >3" To 4" Asphalt.....	171.33	
02 41 19 13-0251	EA	Drill 12" Diameter Core In >3" To 4" Asphalt.....	213.78	
02 41 19 13-0252		>4" To 6" Thick Asphalt Core Drilling (02 41 19 13-0221)		
02 41 19 13-0253	EA	Drill 1" Diameter Core In >4" To 6" Asphalt.....	46.60	
02 41 19 13-0254	EA	Drill 1-1/2" Diameter Core In >4" To 6" Asphalt.....	57.58	
02 41 19 13-0255	EA	Drill 2" Diameter Core In >4" To 6" Asphalt.....	71.28	
02 41 19 13-0256	EA	Drill 3" Diameter Core In >4" To 6" Asphalt.....	90.51	
02 41 19 13-0257	EA	Drill 4" Diameter Core In >4" To 6" Asphalt.....	112.50	
02 41 19 13-0258	EA	Drill 6" Diameter Core In >4" To 6" Asphalt.....	139.93	
02 41 19 13-0259	EA	Drill 8" Diameter Core In >4" To 6" Asphalt.....	175.69	
02 41 19 13-0260	EA	Drill 10" Diameter Core In >4" To 6" Asphalt.....	219.50	
02 41 19 13-0261	EA	Drill 12" Diameter Core In >4" To 6" Asphalt.....	274.31	
02 41 19 13-0262		Manhole Core Drilling (02 41 19 13-0082)		
02 41 19 13-0263	EA	Drill 4" Diameter Core In 6" Brick Manhole.....	239.94	
02 41 19 13-0264	EA	Drill 5" Diameter Core In 6" Brick Manhole.....	274.21	
02 41 19 13-0265	EA	Drill 6" Diameter Core In 6" Brick Manhole.....	319.80	
02 41 19 13-0266	EA	Drill 8" Diameter Core In 6" Brick Manhole.....	479.59	
02 41 19 13-0267	EA	Drill 2" Diameter Core In 8" Concrete Manhole.....	321.48	
02 41 19 13-0268	EA	Drill 3" Diameter Core In 8" Concrete Manhole.....	342.30	
02 41 19 13-0269	EA	Drill 4" Diameter Core In 8" Concrete Manhole.....	376.82	
02 41 19 13-0270	EA	Drill 5" Diameter Core In 8" Concrete Manhole.....	404.32	
02 41 19 13-0271	EA	Drill 6" Diameter Core In 8" Concrete Manhole.....	479.53	
02 41 19 13-0272	EA	Drill 8" Diameter Core In 8" Concrete Manhole.....	684.91	
02 41 19 13-0273	EA	Drill 2" Diameter Core In Fiberglass Manhole.....	31.89	
02 41 19 13-0274	EA	Drill 3" Diameter Core In Fiberglass Manhole.....	36.81	
02 41 19 13-0275	EA	Drill 4" Diameter Core In Fiberglass Manhole.....	39.89	
02 41 19 13-0276	EA	Drill 5" Diameter Core In Fiberglass Manhole.....	43.52	
02 41 19 13-0277	EA	Drill 6" Diameter Core In Fiberglass Manhole.....	47.87	
02 41 19 13-0278	EA	Drill 8" Diameter Core In Fiberglass Manhole.....	53.19	
02 41 19 13-0279		Drilling In Concrete Per Inch Of Depth (02 41 19 13-0082)		
		Note: Includes layout.		
02 41 19 13-0280	IN	1/4" Diameter Drilling In Concrete Per Inch Of Depth.....	2.34	
02 41 19 13-0281	IN	5/16" Diameter Drilling In Concrete Per Inch Of Depth.....	2.48	



Existing Conditions		02
Demolition and Structure Moving		02 40
Demolition		02 41

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0282 IN 3/8" Diameter Drilling In Concrete Per Inch Of Depth.....	2.62	
02 41 19 13-0283 IN 1/2" Diameter Drilling In Concrete Per Inch Of Depth.....	2.81	
02 41 19 13-0284 IN 5/8" Diameter Drilling In Concrete Per Inch Of Depth.....	2.99	
02 41 19 13-0285 IN 3/4" Diameter Drilling In Concrete Per Inch Of Depth.....	3.29	
02 41 19 13-0286 IN 7/8" Diameter Drilling In Concrete Per Inch Of Depth.....	3.55	
02 41 19 13-0287 IN 1" Diameter Drilling In Concrete Per Inch Of Depth.....	3.73	
02 41 19 13-0288 IN 1-1/8" Diameter Drilling In Concrete Per Inch Of Depth.....	4.39	
02 41 19 13-0289 IN 1-1/4" Diameter Drilling In Concrete Per Inch Of Depth.....	4.12	
02 41 19 13-0290 IN 1-3/8" Diameter Drilling In Concrete Per Inch Of Depth.....	4.40	
02 41 19 13-0291 IN 1-1/2" Diameter Drilling In Concrete Per Inch Of Depth.....	4.67	
02 41 19 13-0292 IN 1-3/4" Diameter Drilling In Concrete Per Inch Of Depth.....	5.18	
02 41 19 13-0293 IN 2" Diameter Drilling In Concrete Per Inch Of Depth.....	6.02	
02 41 19 13-0294 Drilling In Brick/Concrete Block Per Inch Of Depth (02 41 19 13-0082)		
Note: Includes layout.		
02 41 19 13-0295 IN 1/4" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth.....	1.96	
02 41 19 13-0296 IN 5/16" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth.....	2.07	
02 41 19 13-0297 IN 3/8" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth.....	2.18	
02 41 19 13-0298 IN 1/2" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth.....	2.34	
02 41 19 13-0299 IN 5/8" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth.....	2.49	
02 41 19 13-0300 IN 3/4" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth.....	2.73	
02 41 19 13-0301 IN 7/8" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth.....	2.96	
02 41 19 13-0302 IN 1" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth.....	3.11	
02 41 19 13-0303 IN 1-1/8" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth.....	3.27	
02 41 19 13-0304 IN 1-1/4" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth.....	3.43	
02 41 19 13-0305 IN 1-3/8" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth.....	3.66	
02 41 19 13-0306 IN 1-1/2" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth.....	3.90	
02 41 19 13-0307 IN 1-3/4" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth.....	4.34	
02 41 19 13-0308 IN 2" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth.....	5.02	
02 41 19 13-0309 Drilling In Wood Or Plastic Per Inch Of Depth (02 41 19 13-0082)		
Note: Includes layout.		
02 41 19 13-0310 IN 1/4" Diameter Drilling In Wood Or Plastic Per Inch Of Depth.....	0.97	
02 41 19 13-0311 IN 5/16" Diameter Drilling In Wood Or Plastic Per Inch Of Depth.....	1.03	
02 41 19 13-0312 IN 3/8" Diameter Drilling In Wood Or Plastic Per Inch Of Depth.....	1.09	
02 41 19 13-0313 IN 1/2" Diameter Drilling In Wood Or Plastic Per Inch Of Depth.....	1.17	
02 41 19 13-0314 IN 5/8" Diameter Drilling In Wood Or Plastic Per Inch Of Depth.....	1.24	
02 41 19 13-0315 IN 3/4" Diameter Drilling In Wood Or Plastic Per Inch Of Depth.....	1.36	
02 41 19 13-0316 IN 7/8" Diameter Drilling In Wood Or Plastic Per Inch Of Depth.....	1.47	
02 41 19 13-0317 IN 1" Diameter Drilling In Wood Or Plastic Per Inch Of Depth.....	1.56	
02 41 19 13-0318 IN 1-1/8" Diameter Drilling In Wood Or Plastic Per Inch Of Depth.....	1.63	
02 41 19 13-0319 IN 1-1/4" Diameter Drilling In Wood Or Plastic Per Inch Of Depth.....	1.71	
02 41 19 13-0320 IN 1-3/8" Diameter Drilling In Wood Or Plastic Per Inch Of Depth.....	1.82	
02 41 19 13-0321 IN 1-1/2" Diameter Drilling In Wood Or Plastic Per Inch Of Depth.....	1.94	
02 41 19 13-0322 IN 1-3/4" Diameter Drilling In Wood Or Plastic Per Inch Of Depth.....	2.16	
02 41 19 13-0323 IN 2" Diameter Drilling In Wood Or Plastic Per Inch Of Depth.....	2.50	
02 41 19 13-0324 Limestone Core Drilling (02 41 19 13-0082)		
02 41 19 13-0325 10" To 14" Thick Limestone Core Drilling (02 41 19 13-0324)		
02 41 19 13-0326 EA Drill 1" Diameter Core In 10" To 14" Limestone.....	68.81	
02 41 19 13-0327 EA Drill 1-1/2" Diameter Core In 10" To 14" Limestone.....	82.64	
02 41 19 13-0328 EA Drill 2" Diameter Core In 10" To 14" Limestone.....	89.63	
02 41 19 13-0329 EA Drill 3" Diameter Core In 10" To 14" Limestone.....	103.66	
02 41 19 13-0330 EA Drill 4" Diameter Core In 10" To 14" Limestone.....	117.70	
02 41 19 13-0331 EA Drill 6" Diameter Core In 10" To 14" Limestone.....	165.86	
02 41 19 13-0332 EA Drill 8" Diameter Core In 10" To 14" Limestone.....	275.76	
02 41 19 13-0333 15" To 18" Thick Limestone Core Drilling (02 41 19 13-0324)		
02 41 19 13-0334 EA Drill 1" Diameter Core In 15" To 18" Limestone.....	75.77	
02 41 19 13-0335 EA Drill 1-1/2" Diameter Core In 15" To 18" Limestone.....	89.62	
02 41 19 13-0336 EA Drill 2" Diameter Core In 15" To 18" Limestone.....	96.67	
02 41 19 13-0337 EA Drill 3" Diameter Core In 15" To 18" Limestone.....	103.95	
02 41 19 13-0338 EA Drill 4" Diameter Core In 15" To 18" Limestone.....	138.53	
02 41 19 13-0339 EA Drill 6" Diameter Core In 15" To 18" Limestone.....	179.92	
02 41 19 13-0340 EA Drill 8" Diameter Core In 15" To 18" Limestone.....	290.13	
02 41 19 13-0341 19" To 24" Thick Limestone Core Drilling (02 41 19 13-0324)		
02 41 19 13-0342 EA Drill 1" Diameter Core In 19" To 24" Limestone.....	82.69	
02 41 19 13-0343 EA Drill 1-1/2" Diameter Core In 19" To 24" Limestone.....	96.59	
02 41 19 13-0344 EA Drill 2" Diameter Core In 19" To 24" Limestone.....	103.67	
02 41 19 13-0345 EA Drill 3" Diameter Core In 19" To 24" Limestone.....	117.82	
02 41 19 13-0346 EA Drill 4" Diameter Core In 19" To 24" Limestone.....	166.14	
02 41 19 13-0347 EA Drill 6" Diameter Core In 19" To 24" Limestone.....	207.62	
02 41 19 13-0348 EA Drill 8" Diameter Core In 19" To 24" Limestone.....	311.32	

02 Existing Conditions**02 40 Demolition and Structure Moving****02 41 Demolition**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

02 41 19 13-0349		Minimum Charge For Core Drilling (02 41 19 13-0082)	
02 41 19 13-0350	EA	Core Drill Minimum Charge.....	925.74
Note: For projects where the total core drilling charge is less than the minimum charge, use task "Minimum Charge For Core Drilling" exclusively. Task "Minimum Charge For Core Drilling" should not be used in conjunction with any other tasks in this section. Does not apply to sections "Drilling In Concrete Per Inch Of Depth" or "Drilling In Brick Or Block Per Inch Of Depth" or "Drilling In Wood Or Plastic Per Inch Of Depth".			
02 41 19 13-0351		Cutouts (02 41 19 13)	
Note: Includes saw cutting and removal of material. Not to be used for openings greater than 24 SF.			
02 41 19 13-0352		Reinforced Concrete Slab On Grade Cutouts (02 41 19 13-0351)	
02 41 19 13-0353	SF	4" Thick Reinforced Concrete Slab On Grade Cutouts, <24 SF	54.98
02 41 19 13-0354	SF	6" Thick Reinforced Concrete Slab On Grade Cutouts, <24 SF	58.31
02 41 19 13-0355	SF	8" Thick Reinforced Concrete Slab On Grade Cutouts, <24 SF	61.65
02 41 19 13-0356	SF	10" Thick Reinforced Concrete Slab On Grade Cutouts, <24 SF	64.98
02 41 19 13-0357	SF	12" Thick Reinforced Concrete Slab On Grade Cutouts, <24 SF	66.64
02 41 19 13-0358		Reinforced Concrete Elevated Slab Cutouts (02 41 19 13-0351)	
Note: Includes cutting and removing steel decking.			
02 41 19 13-0359	SF	4" Thick Reinforced Concrete Elevated Slab Cutouts, <24 SF	67.01
02 41 19 13-0360	SF	6" Thick Reinforced Concrete Elevated Slab Cutouts, <24 SF	71.06
02 41 19 13-0361	SF	8" Thick Reinforced Concrete Elevated Slab Cutouts, <24 SF	75.12
02 41 19 13-0362	SF	10" Thick Reinforced Concrete Elevated Slab Cutouts, <24 SF	79.19
02 41 19 13-0363	SF	12" Thick Reinforced Concrete Elevated Slab Cutouts, <24 SF	81.22
02 41 19 13-0364		Reinforced Concrete Wall Cutouts (02 41 19 13-0351)	
02 41 19 13-0365	SF	4" Thick Reinforced Concrete Wall Cutouts, <24 SF	68.72
02 41 19 13-0366	SF	6" Thick Reinforced Concrete Wall Cutouts, <24 SF	72.89
02 41 19 13-0367	SF	8" Thick Reinforced Concrete Wall Cutouts, <24 SF	77.06
02 41 19 13-0368	SF	10" Thick Reinforced Concrete Wall Cutouts, <24 SF	81.22
02 41 19 13-0369	SF	12" Thick Reinforced Concrete Wall Cutouts, <24 SF	83.30
02 41 19 13-0370		Brick Wall Cutouts (02 41 19 13-0351)	
Note: Excludes toothing.			
02 41 19 13-0371	SF	4" Thick Brick Wall Cutouts, <24 SF	20.83
02 41 19 13-0372	SF	6" Thick Brick Wall Cutouts, <24 SF	34.36
02 41 19 13-0373	SF	8" Thick Brick Wall Cutouts, <24 SF	47.85
02 41 19 13-0374	SF	10" Thick Brick Wall Cutouts, <24 SF	58.31
02 41 19 13-0375	SF	12" Thick Brick Wall Cutouts, <24 SF	69.76
02 41 19 13-0376	SF	16" Thick Brick Wall Cutouts, <24 SF	82.26
02 41 19 13-0377		Concrete Block Wall Cutouts (02 41 19 13-0351)	
Note: Excludes toothing.			
02 41 19 13-0378	SF	4" Thick Concrete Block Wall Cutouts, <24 SF	34.45
02 41 19 13-0379	SF	6" Thick Concrete Block Wall Cutouts, <24 SF	36.48
02 41 19 13-0380	SF	8" Thick Concrete Block Wall Cutouts, <24 SF	38.52
02 41 19 13-0381	SF	10" Thick Concrete Block Wall Cutouts, <24 SF	40.61
02 41 19 13-0382	SF	12" Thick Concrete Block Wall Cutouts, <24 SF	41.65
02 41 19 13-0383	SF	16" Thick Concrete Block Wall Cutouts, <24 SF	43.74
02 41 19 13-0384		Limestone Cutouts (02 41 19 13-0351)	
02 41 19 13-0385	SF	2" Thick Limestone Cutouts, <24 SF	58.31
02 41 19 13-0386	SF	4" Thick Limestone Cutouts, <24 SF	70.80
02 41 19 13-0387	SF	6" Thick Limestone Cutouts, <24 SF	74.97
02 41 19 13-0388	SF	8" Thick Limestone Cutouts, <24 SF	79.13
02 41 19 13-0389	SF	10" Thick Limestone Cutouts, <24 SF	83.30
02 41 19 13-0390	SF	12" Thick Limestone Cutouts, <24 SF	87.47
02 41 19 13-0391		Toothing Masonry Cutouts (02 41 19 13-0351)	
Note: For use where existing masonry must be removed in a toothing pattern along horizontal and vertical mortar joints. VLF measurement includes all horizontal cutting.			
02 41 19 13-0392	VLF	Brick, Soft Old Mortar, Toothing Masonry Cutouts	20.83
02 41 19 13-0393	VLF	Brick, Hard Mortar, Toothing Masonry Cutouts	28.11
02 41 19 13-0394	VLF	Concrete Block, Soft Old Mortar, Toothing Masonry Cutouts	12.50
02 41 19 13-0395	VLF	Concrete Block, Hard Mortar, Toothing Masonry Cutouts	16.66
02 41 19 13-0396		Minimum Charge For Cutouts (02 41 19 13-0351)	
Note: For projects where the total cutouts charge is less than the minimum charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.			
02 41 19 13-0397	EA	Cutouts Minimum Charge	416.50



Existing Conditions		02
Demolition and Structure Moving		02 40
Demolition		02 41

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 16 Selective Interior Demolition (02 41 19) Note: Includes break-up of material, loading into truck or dumpster and clean-up.		
02 41 19 16-0001 Floor Removal (02 41 19 16)		
02 41 19 16-0002 Scarify Concrete (02 41 19 16-0001) Note: Up to 1/4" removal per pass.		
02 41 19 16-0003 SF Scarify Concrete Floor.....	0.28	
02 41 19 16-0004 SF Scarify Concrete Tread And Riser.....	2.38	
02 41 19 16-0005 SF Scarify Concrete Wall.....	2.16	
02 41 19 16-0006 Fireproofing Removal (02 41 19 16)		
02 41 19 16-0007 SF Removal Of Fireproofing From Concrete Or Steel.....	1.38	
02 41 19 16-0008 Demolish Ceiling (02 41 19 16)		
02 41 19 16-0009 SF Demolish Drywall Ceiling.....	1.07	
02 41 19 16-0010 SF Demolish Furred Plastered Ceiling.....	2.49	
02 41 19 16-0011 SF Demolish Suspended Plastered Ceiling And Suspension System.....	1.91	
02 41 19 16-0012 Demolish Concrete Stair (02 41 19 16)		
02 41 19 16-0013 CF Demolish Interior Reinforced Concrete Stairs.....	8.93	
02 41 19 16-0014 CF Demolish Exterior Reinforced Concrete Stairs.....	7.49	
02 41 19 16-0015 Demolish Interior Partition/Wall (02 41 19 16)		
02 41 19 16-0016 Demolish Masonry And Concrete Interior Partition/Walls (02 41 19 16-0015) Note: Includes saw cutting, knock down, loading and clean-up.		
02 41 19 16-0017 Demolish Concrete Block Interior Partition/Walls (02 41 19 16-0016)		
02 41 19 16-0018 SF Demolish 4" Thick Non-Reinforced Concrete Block Interior Partition/Wall.....	5.78	
02 41 19 16-0019 SF Demolish 6" Thick Non-Reinforced Concrete Block Interior Partition/Wall.....	6.17	
02 41 19 16-0020 SF Demolish 8" Thick Non-Reinforced Concrete Block Interior Partition/Wall.....	6.96	
02 41 19 16-0021 SF Demolish 12" Thick Non-Reinforced Concrete Block Interior Partition/Wall.....	8.94	
02 41 19 16-0022 SF Demolish 16" Thick Non-Reinforced Concrete Block Interior Partition/Wall.....	11.17	
02 41 19 16-0023 SF Demolish 4" Thick Reinforced Concrete Block Interior Partition/Wall.....	6.94	
02 41 19 16-0024 SF Demolish 6" Thick Reinforced Concrete Block Interior Partition/Wall.....	7.41	
02 41 19 16-0025 SF Demolish 8" Thick Reinforced Concrete Block Interior Partition/Wall.....	8.36	
02 41 19 16-0026 SF Demolish 12" Thick Reinforced Concrete Block Interior Partition/Wall.....	10.73	
02 41 19 16-0027 SF Demolish 16" Thick Reinforced Concrete Block Interior Partition/Wall.....	13.41	
02 41 19 16-0028 Demolish Brick Interior Partition/Walls (02 41 19 16-0016)		
02 41 19 16-0029 SF Demolish 4" Thick Brick Interior Partition/Wall.....	5.78	
02 41 19 16-0030 SF Demolish 8" Thick Brick Interior Partition/Wall.....	6.96	
02 41 19 16-0031 SF Demolish 12" Thick Brick Interior Partition/Wall.....	8.93	
02 41 19 16-0032 SF Demolish 16" Thick Brick Interior Partition/Wall.....	11.17	
02 41 19 16-0033 Demolish Glass Block Interior Partition/Walls (02 41 19 16-0016)		
02 41 19 16-0034 SF Demolish Glass Block Interior Partition/Walls.....	4.96	
02 41 19 16-0035 Demolish Concrete Interior Partition/Walls (02 41 19 16-0016) See CSI section 02 41 16 13-0021 for concrete foundation demolition.		
02 41 19 16-0036 SF Demolish 6" Thick Non-Reinforced Concrete Interior Partition/Wall.....	10.51	
02 41 19 16-0037 SF Demolish 8" Thick Non-Reinforced Concrete Interior Partition/Wall.....	13.15	
02 41 19 16-0038 SF Demolish 12" Thick Non-Reinforced Concrete Interior Partition/Wall.....	18.41	
02 41 19 16-0039 SF Demolish 6" Thick Reinforced Concrete Interior Partition/Wall.....	12.62	
02 41 19 16-0040 SF Demolish 8" Thick Reinforced Concrete Interior Partition/Wall.....	15.87	
02 41 19 16-0041 SF Demolish 12" Thick Reinforced Concrete Interior Partition/Wall.....	22.08	
02 41 19 16-0042 Demolish Terra-Cotta Block Interior Partition/Walls (02 41 19 16-0016)		
02 41 19 16-0043 SF Demolish Up To 6" Thick Terra-Cotta Block Interior Partition/Wall Finished With Plaster.....	1.99	
02 41 19 16-0044 Demolish Stud Framed Interior Partition/Walls (02 41 19 16-0015) Note: Includes knock down, loading and clean-up. Includes demo of insulation if required.		
02 41 19 16-0045 SF Demolish Wood Or Metal Framed Interior Partition/Wall With Drywall 1 Side..... For Heights >14' To 20', Add	3.52 0.53 0.70	
02 41 19 16-0046 SF Demolish Wood Or Metal Framed Interior Partition/Wall With Drywall 2 Sides..... For Heights >14' To 20', Add	4.10 0.62 0.82	
02 41 19 16-0047 SF Demolish Wood Or Metal Framed Interior Partition/Wall With Plaster And Lath 1 Side..... For Heights >14' To 20', Add	4.49 0.67 0.90	

02 Existing Conditions**02 40 Demolition and Structure Moving****02 41 Demolition**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 16-0048 SF Demolish Wood Or Metal Framed Interior Partition/Wall With Plaster And Lath 2 Sides.....	6.25	
For Heights >14' To 20', Add	0.94	
For Heights >20', Add	1.25	
02 41 19 16-0049 SF Demolish Plaster And Lath From 1 Side Of An Interior Partition/Wall.....	1.85	
For Heights >14' To 20', Add	0.28	
For Heights >20', Add	0.37	
02 41 19 16-0050 SF Demolish Plaster And Lath From 2 Sides Of An Interior Partition/Wall.....	2.21	
For Heights >14' To 20', Add	0.33	
For Heights >20', Add	0.44	
02 42 Removal and Salvage of Construction Materials (02 40)		
02 42 21 Salvage of Construction Materials (02 42)		
Note: Includes placement on pallets and storage on site.		
02 42 21 35 Roofing Salvage (02 42 21)		
02 42 21 35-0001 Clay Tile Roofing Remove And Salvage For Re-use (02 42 21 35)		
Note: Includes removing mortar, scraping, cleaning, placement on pallets and storage on site.		
02 42 21 35-0002 SQ Removal Of Clay Roof Tile, Salvage For Re-use.....	323.73	
02 42 21 47 Flooring Salvage (02 42 21)		
02 42 21 47-0001 Flooring Remove And Salvage For Re-Use (02 42 21 47)		
Note: Includes removing mortar, scraping, cleaning, placement on pallets and storage on site.		
02 42 21 47-0002 SF Removal Of Brick Flooring And Salvage.....	2.95	
02 42 21 47-0003 SF Removal Of Ceramic/Quarry Tile Floor And Salvage	2.95	
02 42 21 47-0004 SF Removal Of Terrazzo Flooring And Salvage	4.07	
02 42 21 47-0005 SF Removal Of Wood Strip Flooring And Salvage	2.38	
02 42 21 47-0006 SF Removal Of Wood Parquet Flooring And Salvage	1.26	
02 42 21 47-0007 SF Removal Of Resilient/Linoleum Flooring And Salvage	0.90	
02 43 Structure Moving (02 40)		
02 43 13 Structure Relocation (02 43)		
Note: Includes disconnection of utilities, moving of structure, one day move (excludes travel expenses and lodging), up to 24' wide. Reset on new foundations and hook up to utilities.		
02 43 13 13 Building Relocation (02 43 13)		
02 43 13 13-0001 Move Relocatable Structures (Trailer, Mobile Facilities, etc.), Complete (02 43 13)		
Note: Includes disconnect portable from foundation, separate relocatable unit and attachments as needed for transport, secure all relocatable attachments (awnings, steps, ramps, railing, etc.) for transport, transport relocatable and attachments to new location, including permits and police escort, connect to foundation per approved specifications/details, including welding and/or hurricane anchoring as needed.		
02 43 13 13-0002 SF Up To 800 SF, Move Relocatable Metal Frame Building.....	39.10	
02 43 13 13-0003 SF >800 To 920 SF, Move Relocatable Metal Frame Building.....	36.96	
02 43 13 13-0004 SF >920 SF, Move Relocatable Metal Frame Building.....	34.59	
02 43 13 13-0005 SF Up To 800 SF, Move Relocatable Wood Frame Building.....	31.37	
02 43 13 13-0006 SF >800 To 920 SF, Move Relocatable Wood Frame Building.....	29.32	
02 43 13 13-0007 SF >920 SF, Move Relocatable Wood Frame Building	25.94	
02 43 13 13-0008 SF Up To 800 SF, Move Relocatable Wood/Metal Frame Building.....	37.99	
02 43 13 13-0009 SF >800 To 920 SF, Move Relocatable Wood/Metal Frame Building	34.59	
02 43 13 13-0010 SF >920 SF, Move Relocatable Wood/Metal Frame Building	29.32	
02 50 Site Remediation (02)		
02 58 Snow Control (02 50)		
02 58 13 Snow Fencing (02 58)		
02 58 13 00-0001 Snow/Sand Fence On Steel Posts (02 58 13)		
02 58 13 00-0002 LF Steel Fence Post, 10' On Center With 4' Wood Snow/Sand Fence	8.23	2.34
02 60 Contaminated Site Material Removal (02)		
02 61 Removal and Disposal of Contaminated Soils (02 60)		
02 61 13 Excavation and Handling of Contaminated Material (02 61)		
See CSI section 31 23 16 00-0000 for excavation.		
02 61 13 00-0001 Excavate Petroleum Contaminated Soil (02 61 13)		
02 61 13 00-0002 CY Excavate Petroleum Contaminated Soil.....	14.44	
Note: Includes excavation, making a determination if the soil is reusable or contaminated, and stockpiling as per determination.		
02 61 13 00-0003 CY Load Excavated Petroleum Contaminated Soil.....	8.29	
02 61 13 00-0004 CY Disposal Fees Of Petroleum Contaminated Soil	75.90	



Existing Conditions			02
Contaminated Site Material Removal			02 60
Removal and Disposal of Contaminated Soils			02 61

MINOR CSI UOM DESCRIPTION		TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 61 13 00-0005	Accessories For Contaminated Soil Stockpile (02 61 13) See CSI section 31 25 14 23-0001 for sand bags.		
02 61 13 00-0006	SF 30 Mil Liner For Contaminated Soil Storage Note: 9.93 SF of liner per 1 ton of petroleum contaminated soil.	1.59	
02 61 13 00-0007	SF 10 Mil Liner For Contaminated Soil Storage Note: 9.93 SF of liner per 1 ton of petroleum contaminated soil.	0.95	
02 61 26	Removal and Disposal of Asbestos Contaminated Soils (02 61) Note: Includes materials, equipment, mobilization, preparation, signage, removal, transportation for up to 25 miles, disposal of waste at transfer facility or final destination, personnel health monitoring, negative air, documentation and other associated costs necessary for the complete abatement and disposal of the ACM in accordance with EPA, OSHA, and local regulations. Where types of ACM are listed by quantity, the quantity of the entire project, not a particular work area, is to be used in determining which task applies. For certain types of work, there is a task with a unit of measure of CF for a quantity of less than 10 CF, followed by a series of tasks for other quantities. For those tasks the contractor will be paid the first task with a unit of measure of EA, plus an additional task to arrive at the appropriate quantity for the project.		
02 61 26 00-0001	Removal and Disposal of Asbestos Contaminated Soils (02 61 26) Note: Includes materials, equipment, mobilization, preparation, signage, removal, transportation for up to 25 miles, disposal of waste at transfer facility or final destination, personnel health monitoring, negative air, documentation and other associated costs necessary for the complete abatement and disposal of the ACM in accordance with EPA, OSHA, and local regulations. Where types of ACM are listed by quantity, the quantity of the entire project, not a particular work area, is to be used in determining which task applies. For certain types of work, there is a task with a unit of measure of CF for a quantity of less than 10 CF, followed by a series of tasks for other quantities. For those tasks the contractor will be paid the first task with a unit of measure of EA, plus an additional task to arrive at the appropriate quantity for the project.		
02 61 26 00-0002	EA Up To 10 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal For Work In Restricted Working Space, Add	1,293.37 388.01	
02 61 26 00-0003	CF >10 To 100 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal For Work In Restricted Working Space, Add	85.73 25.72	
02 61 26 00-0004	CF >100 To 250 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal For Work In Restricted Working Space, Add	57.16 17.15	
02 61 26 00-0005	CF >250 To 500 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal For Work In Restricted Working Space, Add	42.94 12.88	
02 61 26 00-0006	CF >500 To 2,500 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal For Work In Restricted Working Space, Add	34.30 10.29	
02 61 26 00-0007	CF >2,500 To 10,000 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal For Work In Restricted Working Space, Add	29.15 8.75	
02 61 26 00-0008	CF >10,000 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal For Work In Restricted Working Space, Add	26.23 7.87	
02 65	Underground Storage Tank Removal (02 60) Note: Petroleum gasoline is classified as a hazardous material; fuel oil is considered a non-hazardous material. See CSI section 01 74 19 00-0048 for hauling, 31 20 00 00-0000 for non-contaminated soil excavation, 31 23 16 00-0000 for excavation, 31 41 00 00-0000 for shoring.		
02 65 00 00-0001	Monitoring, Sampling, Testing And Analysis (02 65)		
02 65 00 00-0002	Field Samples For Testing Underground Storage Tank (02 65 00 00-0001)		
02 65 00 00-0003	EA Collection Of Sludge Sample For Underground Storage Tank	24.45	
02 65 00 00-0004	EA Collection Of Pumpable Liquids Sample For Underground Storage Tank	24.45	
02 65 00 00-0005	EA Collection Of Contaminated Soil Sample	24.45	
02 65 00 00-0006	Lab Tests For Underground Storage Tank Removal (02 65 00 00-0001) Note: Includes lab test fees, reports, shipping, handling, chain of custody documents and disposal of sample.		
02 65 00 00-0007	EA Benzene, Toluene, Ethylbenzene, Xylene 8020, Lab Test Note: The cost is for the in-lab test for Benzene, Toluene, Ethylbenzene, And Xylene using procedure 8020 as detailed in EPA SW-846.	202.69	
02 65 00 00-0008	EA Flashpoint, Lab Test Note: The cost is for the in-lab test for the flashpoint using procedure 40CFR 261.21 as detailed in EPA SW-846.	78.82	
02 65 00 00-0009	EA TOX 9020, Lab Test Note: The cost is for the in-lab test for total organic halides using procedure 9020 as detailed in EPA SW-846.	189.62	
02 65 00 00-0010	EA TPH 8015 Modified, Lab Test Note: The cost is for the in-lab test for total petroleum hydrocarbons by gas chromatography using procedure 8015 Mod. as detailed in EPA SW-846.	202.69	
02 65 00 00-0011	EA TRPH 418.1, Lab Test Note: The cost is for the in-lab test for total recoverable petroleum hydrocarbons using procedure 418.1 as detailed in EPA SW-846.	157.65	
02 65 00 00-0012	EA VOC, Lab Test Note: The cost is for the in-lab test for volatile organics using procedure 8240 as detailed in EPA SW-846.	427.90	
02 65 00 00-0013	EA Semi-Volatile Organic, Lab Test Note: The cost is for the in-lab test for semi-volatile organics using procedure 8270 as detailed in EPA SW-846.	788.24	
02 65 00 00-0014	EA Oil And Grease 413.1, Lab Test Note: The cost is for the in-lab test for oil and grease using procedure 413.1 as detailed in EPA SW-846.	94.81	
02 65 00 00-0015	EA TCLP (Extraction) - Metals, Lab Test Note: The cost is for the in-lab test for toxicity characteristics leaching procedures using procedure 1311 as detailed in EPA SW-846.	168.91	
02 65 00 00-0016	EA TCLP (Extraction) - Semi-Volatile Organic, Lab Test Note: The cost is for the in-lab test for toxicity characteristics leaching procedures using procedure 1311 as detailed in EPA SW-846.	225.21	
02 65 00 00-0017	EA Metals 6010 RCRA, Lab Test Note: The cost is for the in-lab test for metals using procedure 6010 RCRA as detailed in EPA SW-846.	252.24	

02 Existing Conditions**02 60 Contaminated Site Material Removal****02 65 Underground Storage Tank Removal**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 65 00 00-0018	EA	Metals (Arsenic) 7060, Lab Test Note: The cost is for the in-lab test for the metal arsenic using procedure 7060 as detailed in EPA SW-846.	33.78	
02 65 00 00-0019	EA	Metals (Selenium) 7740, Lab Test Note: The cost is for the in-lab test for the metal selenium (SE) using procedure 7740 as detailed in EPA SW-846.	33.78	
02 65 00 00-0020	EA	Metals (Lead) 7421, Lab Test Note: The cost is for the in-lab test for the metal lead using procedure 7421 as detailed in EPA SW-846.	33.78	
02 65 00 00-0021	EA	Metals (Mercury) 7470, Lab Test Note: The cost is for the in-lab test for the metal mercury using procedure 7470 as detailed in EPA SW-846.	63.06	
02 65 00 00-0022	EA	PNA/PAH 8100, Lab Test Note: The cost is for the in-lab test for polynuclear aromatic hydrocarbons using procedure 8100 as detailed in EPA SW-846.	360.34	
02 65 00 00-0023	EA	Fuel Id ASTM D3328-78, Lab Test Note: The cost is for the in-lab test to determine the constituents of fuel using the procedure as detailed in ASTM D3328-78.	130.36	
02 65 00 00-0024	EA	pH, Lab Test	27.03	
02 65 00 00-0025	EA	Lab Test - Polychlorinated Biphenyl (PCB) In Wastewater	337.82	
02 65 00 00-0026	EA	Methyl Tertiary Butyl Ether (MTBE), Lab Test	202.69	
02 65 00 00-0027		Tests, Surveys And Maintenance For Underground Storage Tank (02 65 00 00-0001)		
02 65 00 00-0028	EA	Site Survey For AST/UST Location By Certified Tank Installer Note: Includes testing Pump output both tank and dispenser, Calibrate pump dispenser if needed, Check all sumps both tank and dispenser, check all fitting connections for leaks and check wiring connection for possible malfunction or safety hazard, check seals on caps for fill tube, check overfill performance for safety shutdown, check all hoses and pump handle, check break-away couplings, complete written report on all data found.	1,130.47	
02 65 00 00-0029	EA	Check Cathodic Protection - Impressed Current Systems And Sacrificial Anode Systems Note: By Certified Technician. Write report of findings for action if needed	197.74	
02 65 00 00-0030	EA	Check And Report On Monitor Probes..... Note: By Certified Technician	45.67	
02 65 00 00-0031	EA	Tank Monitoring System: Check System Per Manufacturer's Specification By Certified Technician With Written Report..... Note: Including pass / fail; paper feed operational paper installed etc.; and status of inspection/repairs needed etc.	320.14	
02 65 00 00-0032	EA	Removal And Replacement Of Anode On Impressed System.....	177.56	
02 65 00 00-0033	EA	Removal And Replacement Of Power Converter On Impressed System On Underground Storage Tank	254.74	
02 65 00 00-0034	EA	Removal And Replacement Of Monitor Probes On Underground Storage Tank	348.07	
02 65 00 00-0035	EA	Ultrasonic Test On Underground Storage Tank.....	208.46	
02 65 00 00-0036		Tests And Sampling Labor Hours (02 65 00 00-0001)		
02 65 00 00-0037	HR	Certified Tank Installer For Underground Storage Tank	110.54	
02 65 00 00-0038	HR	Certified Geologist/Environmentalist	122.50	
02 65 00 00-0039	HR	Hourly Office Work For Reports Required For EPA On Underground Storage Tank..... Note: Includes title searches, well survey data, site drawings, submitting preliminary work, etc. Hours not to be used in association with other tasks performed.	131.53	
02 65 00 00-0040		Remove Tank Contents (02 65)		
02 65 00 00-0041		Transfer Liquid (02 65 00 00-0040) Note: For use to transfer liquids from one tank to another.		
02 65 00 00-0042	GAL	Transfer Reusable Liquid To Different Tank Note: Per gallon of material transferred.	0.62	
02 65 00 00-0043		Remove And Dispose Of Liquid From Tank (02 65 00 00-0040)		
02 65 00 00-0044	GAL	Removal and Disposal Of Hazardous Liquids From Tank	1.87	
02 65 00 00-0045	GAL	Removal and Disposal Of Non-Hazardous Liquid From Tank	0.83	
02 65 00 00-0046		Remove And Dispose Of Solids Or Sludge (02 65 00 00-0040) Note: Includes scraping and solidifying agent.		
02 65 00 00-0047	GAL	Removal and Disposal Of Hazardous Solids Or Sludge From Tank.....	7.01	
02 65 00 00-0048	GAL	Removal and Disposal Of Non-Hazardous Solids Or Sludge From Tank.....	1.57	
02 65 00 00-0049		Purge Vapors, Open And Clean Tank (02 65)		
02 65 00 00-0050		Purge Vapors (02 65 00 00-0049)		
02 65 00 00-0051	LB	Purge Tank Using Dry Ice..... Note: Approximately 1.5 To 3.0 LBS of dry ice per 100 Gals of tank volume.	5.16	
02 65 00 00-0052		High Pressure Water Wash And Rinse Of Tank Interior (02 65 00 00-0049) Note: Includes removal and disposal of rinse water.		
02 65 00 00-0053	EA	Up To 275 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	346.04	
02 65 00 00-0054	EA	>275 To 550 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior	454.12	
02 65 00 00-0055	EA	>550 To 1,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior.....	589.43	
02 65 00 00-0056	EA	>1,000 To 2,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior.....	798.10	
02 65 00 00-0057	EA	>2,000 To 5,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior.....	1,547.90	
02 65 00 00-0058	EA	>5,000 To 6,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior.....	1,861.28	
02 65 00 00-0059	EA	>6,000 To 8,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior.....	2,135.87	



Existing Conditions			02
Contaminated Site Material Removal			02 60
Underground Storage Tank Removal			02 65

MINOR CSI UOM DESCRIPTION		TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 65 00 00-0060	EA >8,000 To 10,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior.....	2,581.79	
02 65 00 00-0061	EA >10,000 To 15,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior.....	3,390.12	
02 65 00 00-0062	EA >15,000 To 20,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior.....	4,003.76	
02 65 00 00-0063	EA >20,000 To 30,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior.....	5,075.00	
02 65 00 00-0064	EA >30,000 To 40,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior.....	6,250.49	
02 65 00 00-0065	EA >40,000 To 50,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior.....	7,648.13	
02 65 00 00-0066	Scrape Clean Tank Exterior (02 65 00 00-0049)		
02 65 00 00-0067	EA Up To 275 Gallon Tank, Scrape Clean Tank Exterior.....	255.30	
02 65 00 00-0068	EA >275 To 550 Gallon Tank, Scrape Clean Tank Exterior.....	339.96	
02 65 00 00-0069	EA >550 To 1,000 Gallon Tank, Scrape Clean Tank Exterior.....	445.46	
02 65 00 00-0070	EA >1,000 To 2,000 Gallon Tank, Scrape Clean Tank Exterior.....	616.87	
02 65 00 00-0071	EA >2,000 To 5,000 Gallon Tank, Scrape Clean Tank Exterior.....	1,366.09	
02 65 00 00-0072	EA >5,000 To 6,000 Gallon Tank, Scrape Clean Tank Exterior.....	1,729.75	
02 65 00 00-0073	EA >6,000 To 8,000 Gallon Tank, Scrape Clean Tank Exterior.....	2,024.13	
02 65 00 00-0074	EA >8,000 To 10,000 Gallon Tank, Scrape Clean Tank Exterior.....	2,544.61	
02 65 00 00-0075	EA >10,000 To 15,000 Gallon Tank, Scrape Clean Tank Exterior.....	3,307.37	
02 65 00 00-0076	EA >15,000 To 20,000 Gallon Tank, Scrape Clean Tank Exterior.....	4,151.40	
02 65 00 00-0077	EA >20,000 To 30,000 Gallon Tank, Scrape Clean Tank Exterior.....	5,405.48	
02 65 00 00-0078	EA >30,000 To 40,000 Gallon Tank, Scrape Clean Tank Exterior.....	6,486.57	
02 65 00 00-0079	EA >40,000 To 50,000 Gallon Tank, Scrape Clean Tank Exterior.....	8,108.22	
02 65 00 00-0080	Tank And Piping Removal (02 65)		
	Note: Excludes excavation.		
02 65 00 00-0081	Removal And Disposal Of Piping (02 65 00 00-0080)		
	Note: Includes removal, inspection, loading, transporting pipe to disposal facility or transfer station within 15 miles and disposal fees.		
02 65 00 00-0082	LF Up To 4", Removal And Disposal Of Piping.....	20.12	
02 65 00 00-0083	LF >4" To 8", Removal And Disposal Of Piping.....	26.82	
02 65 00 00-0084	Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement (02 65 00 00-0080)		
	Note: Excludes excavation or backfill.		
02 65 00 00-0085	EA Up To 275 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement.....	734.66	
02 65 00 00-0086	EA >275 To 550 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement.....	892.09	
02 65 00 00-0087	EA >550 To 1,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement.....	1,049.53	
02 65 00 00-0088	EA >1,000 To 2,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement.....	1,311.91	
02 65 00 00-0089	EA >2,000 To 5,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement.....	1,836.66	
02 65 00 00-0090	EA >5,000 To 6,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement.....	2,308.95	
02 65 00 00-0091	EA >6,000 To 8,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement.....	2,623.80	
02 65 00 00-0092	EA >8,000 To 10,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement.....	3,148.57	
02 65 00 00-0093	EA >10,000 To 15,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement.....	4,198.09	
02 65 00 00-0094	EA >15,000 To 20,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement.....	5,032.58	
02 65 00 00-0095	EA >20,000 To 30,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement.....	5,897.15	
02 65 00 00-0096	EA >30,000 To 40,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement.....	6,899.16	
02 65 00 00-0097	EA >40,000 To 50,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement.....	8,623.95	
02 65 00 00-0098	Cut Tank Into Sections That Can Easily Be Transported And Disposed Of When Necessary (02 65 00 00-0080)		
	Note: Includes 1 lengthwise at every 4' on-center height wise.		
02 65 00 00-0099	EA >1,000 To 2,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of.....	856.96	
02 65 00 00-0100	EA >2,000 To 5,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of.....	1,598.12	
02 65 00 00-0101	EA >5,000 To 6,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of.....	1,922.37	
02 65 00 00-0102	EA >6,000 To 8,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of.....	2,142.41	
02 65 00 00-0103	EA >8,000 To 10,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of.....	2,570.89	
02 65 00 00-0104	EA >10,000 To 15,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of.....	3,196.25	
02 65 00 00-0105	EA >15,000 To 20,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of.....	3,844.76	
02 65 00 00-0106	EA >20,000 To 30,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of.....	4,805.94	
02 65 00 00-0107	EA >30,000 To 40,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of.....	6,007.44	
02 65 00 00-0108	EA >40,000 To 50,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of.....	7,509.28	
02 65 00 00-0109	Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station (02 65 00 00-0080)		
	Note: Includes disposal fee.		
02 65 00 00-0110	EA Up To 275 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station.....	318.87	
	For Each Additional Mile >15 Miles, Add.....	4.92	
02 65 00 00-0111	EA >275 To 550 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station.....	431.73	
	For Each Additional Mile >15 Miles, Add.....	6.21	
02 65 00 00-0112	EA >550 To 1,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station.....	678.15	
	For Each Additional Mile >15 Miles, Add.....	9.31	
02 65 00 00-0113	EA >1,000 To 2,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station.....	1,045.88	
	For Each Additional Mile >15 Miles, Add.....	10.86	
02 65 00 00-0114	EA >2,000 To 5,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station.....	1,845.65	
	For Each Additional Mile >15 Miles, Add.....	19.14	

02 Existing Conditions**02 60 Contaminated Site Material Removal****02 65 Underground Storage Tank Removal**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

02 65 00 00-0115	EA	>5,000 To 6,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station.....	1,907.73
		For Each Additional Mile >15 Miles, Add	20.69
02 65 00 00-0116	EA	>6,000 To 8,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station.....	2,011.21
		For Each Additional Mile >15 Miles, Add	23.28
02 65 00 00-0117	EA	>8,000 To 10,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station.....	2,912.56
		For Each Additional Mile >15 Miles, Add	31.04
02 65 00 00-0118	EA	>10,000 To 15,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station.....	4,002.05
		For Each Additional Mile >15 Miles, Add	46.56
02 65 00 00-0119	EA	>15,000 To 20,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station.....	4,677.67
		For Each Additional Mile >15 Miles, Add	51.74
02 65 00 00-0120	EA	>20,000 To 30,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station.....	5,784.35
		For Each Additional Mile >15 Miles, Add	62.08
02 65 00 00-0121	EA	>30,000 To 40,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station.....	8,074.16
		For Each Additional Mile >15 Miles, Add	74.50
02 65 00 00-0122	EA	>40,000 To 50,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station.....	9,743.77
		For Each Additional Mile >15 Miles, Add	85.68

02 65 00 00-0123 Other Storage Tank Removals (02 65 00 00-0080)

02 65 00 00-0124	GAL	Removal Of Cement Lining	0.64
02 65 00 00-0125	GAL	Sandblast Tank In Prep For Lining Or Welding; Remove Sand, Vacuum Walls And Seams	0.23
02 65 00 00-0126	GAL	Install Epoxy For Interior Corrosion Protection	1.34

02 65 00 00-0127 Tank Closure Report (02 65 00 00-0080)

Note: Excludes soils tests. See CSI section 02 65 00 00-0006 for soil tests.

02 65 00 00-0128	EA	Prepare Tank Closure Report	3,303.86

02 65 00 00-0129 Temporary Tanks (02 65)**02 65 00 00-0130 Temporary Holding Tanks** (02 65 00 00-0129)**02 65 00 00-0131 Above Ground Temporary Holding Tanks, Monthly Rental** (02 65 00 00-0130)

02 65 00 00-0132	MO	550 Gallon, Stainless Steel, DOT Approved, Above Ground Temporary Holding Tanks, Monthly Rental	937.13
02 65 00 00-0133	MO	630 Gallon, Polyethylene, DOT Approved, Above Ground Temporary Holding Tanks, Monthly Rental	937.13
02 65 00 00-0134	MO	630 Gallon, Polyethylene, Stackable, Above Ground Temporary Holding Tanks, Monthly Rental	1,874.25
02 65 00 00-0135	MO	4,000 Gallon, Polyethylene, Stackable, Above Ground Temporary Holding Tanks, Monthly Rental	1,405.69
02 65 00 00-0136	MO	4,000 Gallon, Polyethylene, Trailer Mounted, Above Ground Temporary Holding Tanks, Monthly Rental	3,279.95
02 65 00 00-0137	MO	6,000 Gallon, Polyethylene, Total Drain, Above Ground Temporary Holding Tanks, Monthly Rental	2,342.82
02 65 00 00-0138	MO	21,000 Gallon (500 BBL), Steel, Open, Stationary, Above Ground Temporary Holding Tanks, Monthly Rental	6,068.30
02 65 00 00-0139	MO	21,000 Gallon (500 BBL), Steel, Closed, Stationary, Above Ground Temporary Holding Tanks, Monthly Rental	7,272.33
02 65 00 00-0140	MO	21,000 Gallon (500 BBL), Steel, Vapor Proof, Above Ground Temporary Holding Tanks, Monthly Rental	12,281.09

02 65 00 00-0141 Secondary Containment Berm (02 65 00 00-0129)

02 65 00 00-0142	MO	Secondary Containment Berm Monthly Rental	2,030.44

02 80 Facility Remediation (02)**02 81 Transportation and Disposal of Hazardous Materials** (02 80)**02 81 00 00-0001 Equipment Oil Drain And Disposal** (02 81)

02 81 00 00-0002	TRIP	Drain Oil Filled Equipment, Place In Approved Container And Transport To Disposal Site	658.04
		Note: Excludes Disposal Cost.	
02 81 00 00-0003	DRM	Disposal Of Non-Polychlorinated Biphenyl (PCB) Oil In Normal Landfill, Per Partial Or Full 55-Gallon Drum	103.41
		Note: Excludes draining, placing in approved container, and transporting to disposal site.	
02 81 00 00-0004	DRM	Disposal Of Non-Toxic Polychlorinated Biphenyl (PCB) Oil Into A Lined Landfill, Per Partial Or Full 55-Gallon Drum	470.02
		Note: Excludes draining, placing in approved container, and transporting to disposal site.	
02 81 00 00-0005	DRM	Disposal Of Toxic Polychlorinated Biphenyl (PCB) Oil By Incineration, Per Partial Or Full 55-Gallon Drum	846.04
		Note: Excludes draining, placing in approved container, and transporting to disposal site.	
02 81 00 00-0006	CF	Hazardous Polychlorinated Biphenyl (PCB) Oil Filled Equipment Disposal At Approved Site	112.85
		Note: Includes handling of equipment and disposal at approved site. Excludes draining of PCB contaminated oil prior to disposal.	

02 82 Asbestos Remediation (02 80)

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

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

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

02 82 13 00-0002	HR	Certified Asbestos Air Sampling Technician For Bulk Sampling Or Air Monitoring	104.59
02 82 13 00-0003	EA	48 Hours Or Longer Turnaround, (Bulk Point Counting) PLM Test, Asbestos Testing	61.22
02 82 13 00-0004	EA	Next Day Turnaround, (Bulk Point Counting) PLM Test, Asbestos Testing	71.77
02 82 13 00-0005	EA	Same Day Turnaround, (Bulk Point Counting) PLM Test, Asbestos Testing	113.99



Existing Conditions			02
Facility Remediation			02 80
Asbestos Remediation			02 82

MINOR CSI UOM DESCRIPTION			TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 82 13 00-0006	EA	48 Hours Or Longer Turnaround, (Bulk) TEM Test, Asbestos Testing	196.32	
02 82 13 00-0007	EA	Next Day Turnaround, (Bulk) TEM Test, Asbestos Testing	238.54	
02 82 13 00-0008	EA	48 Hours Or Longer Turnaround, (Air) PCM Test, Asbestos Testing.....	48.55	
02 82 13 00-0009	EA	Next Day Turnaround, (Air) PCM Test, Asbestos Testing	59.11	
02 82 13 00-0010	EA	Same Day Turnaround, (Air) PCM Test, Asbestos Testing	80.22	
02 82 13 00-0011	EA	48 Hours Or Longer Turnaround, (Air Point Counting) PLM Test	61.22	
02 82 13 00-0012	EA	Next Day Turnaround, (Air Point Counting) PLM Test	71.77	
02 82 13 00-0013	EA	Same Day Turnaround, (Air Point Counting) PLM Test	113.99	
02 82 13 00-0014	EA	48 Hours Or Longer Turnaround, (Air) TEM Test, Asbestos Testing	196.32	
02 82 13 00-0015	EA	Next Day Turnaround, (Air) TEM Test, Asbestos Testing.....	225.88	
02 82 13 00-0016	EA	Same Day Turnaround, (Air) TEM Test, Asbestos Testing.....	314.54	
02 82 16 Engineering Control of Asbestos Containing Materials (02 82)				
02 82 16 00-0001 Asbestos Encapsulation (Lock-Down) (02 82 16)				
02 82 16 00-0002	SF	Asbestos Encapsulant Spray Adhesive (Lock-Down), Per Coat.....	1.74	
02 82 16 00-0003	SF	Asbestos Binding Compound Encapsulant/Sealant, Per Coat Required (Fiberlock® ABC® Asbestos Binding Compound).....	2.37	
02 82 16 00-0004	SF	Asbestos Fiberspray Encapsulation (Fiberlock® ABC Fiberspray®).....	2.54	
02 82 16 00-0005	SF	Asbestos Acrylic Encasement/Encapsulation (Fiberlock® Lag-Kote®).....	2.79	
02 82 16 00-0006	SF	Water Activated Repair Cloth Encapsulant (Fiberlock® Lag-Kwik®).....	8.50	
02 82 16 00-0007	SF	Water Activated Repair Cloth Encapsulant (Fiberlock® Lag-Kloth®).....	9.61	
02 82 33 Removal and Disposal of Asbestos Containing Materials (02 82)				
Note: Includes materials, equipment, mobilization, preparation, critical barriers (e.g. electrical outlets, registers, windows, etc.), signage, removal, lockdown encapsulant applied to surfaces, bagging, clean-up, vacuuming, transportation for up to 25 miles, disposal of waste at transfer facility or final destination, personnel health monitoring, negative air, documentation and other associated costs necessary for the complete abatement and disposal of the ACM in accordance with EPA, OSHA, and local regulations. Where types of ACM are listed by quantity, the quantity of the entire project, not a particular work area, is to be used in determining which task applies. For certain types of work, there is a task with a unit of measure of SET for a quantity of less than 10 LF or SF (10 LF to 20 LF for ACM pipe insulation), followed by a series of tasks for other quantities. For those tasks the contractor will be paid the first task with a unit of measure of EA, plus an additional task to arrive at the appropriate quantity for the project.				
02 82 33 00-0001		Pipe And Pipe Fittings Insulation, Asbestos Abatement And Disposal (02 82 33)		
02 82 33 00-0002		Pipe Insulation, Asbestos Abatement And Disposal (02 82 33 00-0001)		
Note: Diameter is outer size of insulation. Treat fittings as additional linear feet of insulation.				
02 82 33 00-0003		Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal (02 82 33 00-0002)		
See CSI section 02 82 33 00-0031 for projects with less than 10 LF.				
02 82 33 00-0004	SET	Up To 20 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal.....	1,310.92	
		For Work In Restricted Working Space, Add.....	388.01	
02 82 33 00-0005	LF	>20 To 250 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal	44.97	
		For Work In Restricted Working Space, Add.....	13.23	
02 82 33 00-0006	LF	>250 To 500 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal	33.95	
		For Work In Restricted Working Space, Add.....	9.92	
02 82 33 00-0007	LF	>500 To 2,500 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal	25.69	
		For Work In Restricted Working Space, Add.....	7.44	
02 82 33 00-0008	LF	>2,500 To 10,000 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal	19.48	
		For Work In Restricted Working Space, Add.....	5.58	
02 82 33 00-0009	LF	>10,000 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal.....	17.06	
		For Work In Restricted Working Space, Add.....	4.85	
02 82 33 00-0010		>6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal (02 82 33 00-0002)		
See CSI section 02 82 33 00-0031 for projects with less than 10 LF.				
02 82 33 00-0011	SET	Up To 20 LF, >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal	1,328.46	
		For Work In Restricted Working Space, Add.....	388.01	
02 82 33 00-0012	LF	>20 To 250 LF, >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal.....	52.47	
		For Work In Restricted Working Space, Add.....	15.22	
02 82 33 00-0013	LF	>250 To 500 LF, >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal.....	39.78	
		For Work In Restricted Working Space, Add.....	11.41	
02 82 33 00-0014	LF	>500 To 2,500 LF, >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal.....	30.26	
		For Work In Restricted Working Space, Add.....	8.55	
02 82 33 00-0015	LF	>2,500 To 10,000 LF, >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal.....	23.13	
		For Work In Restricted Working Space, Add.....	6.41	
02 82 33 00-0016	LF	>10,000 LF, >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal.....	20.35	
		For Work In Restricted Working Space, Add.....	5.58	
02 82 33 00-0017		>12" To 18" Diameter Pipe Insulation, Asbestos Abatement And Disposal (02 82 33 00-0002)		
See CSI section 02 82 33 00-0031 for projects with less than 10 LF.				
02 82 33 00-0018	SET	Up To 20 LF, >12" To 18" Diameter Pipe Insulation, Asbestos Abatement And Disposal	1,346.01	
		For Work In Restricted Working Space, Add.....	388.01	
02 82 33 00-0019	LF	>20 To 250 LF, >12" To 18" Diameter Pipe Insulation, Asbestos Abatement And Disposal.....	69.95	
		For Work In Restricted Working Space, Add.....	20.28	
02 82 33 00-0020	LF	>250 To 500 LF, >12" To 18" Diameter Pipe Insulation, Asbestos Abatement And Disposal.....	53.04	
		For Work In Restricted Working Space, Add.....	15.21	
02 82 33 00-0021	LF	>500 To 2,500 LF, >12" To 18" Diameter Pipe Insulation, Asbestos Abatement And Disposal.....	40.37	
		For Work In Restricted Working Space, Add.....	11.41	

02 Existing Conditions**02 80 Facility Remediation****02 82 Asbestos Remediation**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 82 33 00-0022	LF	>2,500 To 10,000 LF, >12" To 18" Diameter Pipe Insulation, Asbestos Abatement And Disposal..... <i>For Work In Restricted Working Space, Add</i>	30.84 8.55	
02 82 33 00-0023	LF	>10,000 LF, >12" To 18" Diameter Pipe Insulation, Asbestos Abatement And Disposal..... <i>For Work In Restricted Working Space, Add</i>	27.15 7.44	
02 82 33 00-0024		>18" To 24" Diameter Pipe Insulation, Asbestos Abatement And Disposal (02 82 33 00-0022) See CSI section 02 82 33 00-0031 for projects with less than 10 LF.		
02 82 33 00-0025	SET	Up To 20 LF, >18" To 24" Diameter Pipe Insulation, Asbestos Abatement And Disposal <i>For Work In Restricted Working Space, Add</i>	1,363.56 388.01	
02 82 33 00-0026	LF	>20 To 250 LF, >18" To 24" Diameter Pipe Insulation, Asbestos Abatement And Disposal..... <i>For Work In Restricted Working Space, Add</i>	96.19 27.89	
02 82 33 00-0027	LF	>250 To 500 LF, >18" To 24" Diameter Pipe Insulation, Asbestos Abatement And Disposal..... <i>For Work In Restricted Working Space, Add</i>	72.93 20.91	
02 82 33 00-0028	LF	>500 To 2,500 LF, >18" To 24" Diameter Pipe Insulation, Asbestos Abatement And Disposal..... <i>For Work In Restricted Working Space, Add</i>	55.51 15.69	
02 82 33 00-0029	LF	>2,500 To 10,000 LF, >18" To 24" Diameter Pipe Insulation, Asbestos Abatement And Disposal..... <i>For Work In Restricted Working Space, Add</i>	42.42 11.76	
02 82 33 00-0030	LF	>10,000 LF, >18" To 24" Diameter Pipe Insulation, Asbestos Abatement And Disposal..... <i>For Work In Restricted Working Space, Add</i>	37.32 10.23	
02 82 33 00-0031		Glove Bag Method, Pipe Insulation, Asbestos Abatement And Disposal (02 82 33 00-0002) Note: Solid isolation barriers and plastic sheeting for containment construction (except on floor) are not required for glove bag projects unless required by local codes.		
02 82 33 00-0032	SET	Glove Bag For First 3 LF Pipe Insulation, Asbestos Abatement And Disposal <i>For Work In Restricted Working Space, Add</i>	842.00 251.02	
02 82 33 00-0033	LF	>3 To 20 LF Additional Glove Bag Work for Pipe Insulation <i>For Work In Restricted Working Space, Add</i>	141.20 41.84	
02 82 33 00-0034	LF	>20 To 250 LF Additional Glove Bag Work for Pipe Insulation <i>For Work In Restricted Working Space, Add</i>	55.89 16.24	
02 82 33 00-0035	LF	>250 To 500 LF Additional Glove Bag Work for Pipe Insulation <i>For Work In Restricted Working Space, Add</i>	42.34 12.18	
02 82 33 00-0036	LF	>500 LF Additional Glove Bag Work for Pipe Insulation <i>For Work In Restricted Working Space, Add</i>	32.20 9.14	
02 82 33 00-0037		Thermal Insulation, Asbestos Abatement And Disposal (02 82 33 00-0037)		
02 82 33 00-0038		Calcium Block Insulation, Asbestos Abatement And Disposal (02 82 33 00-0037)		
02 82 33 00-0039	SET	Up To 10 SF, Calcium Block Insulation, Asbestos Abatement And Disposal.....	1,302.14	
02 82 33 00-0040	SF	>10 To 500 SF, Calcium Block Insulation, Asbestos Abatement And Disposal.....	53.58	
02 82 33 00-0041	SF	>500 To 2,500 SF, Calcium Block Insulation, Asbestos Abatement And Disposal.....	44.22	
02 82 33 00-0042	SF	>2,500 To 10,000 SF, Calcium Block Insulation, Asbestos Abatement And Disposal.....	35.52	
02 82 33 00-0043	SF	>10,000 SF, Calcium Block Insulation, Asbestos Abatement And Disposal.....	29.01	
02 82 33 00-0044		Fibrous Glass Blanket Insulation, Asbestos Abatement And Disposal (02 82 33 00-0037)		
02 82 33 00-0045	SET	Up To 10 SF, Fibrous Glass Blanket Insulation, Asbestos Abatement And Disposal.....	1,297.76	
02 82 33 00-0046	SF	>10 To 500 SF, Fibrous Glass Blanket Insulation, Asbestos Abatement And Disposal.....	47.12	
02 82 33 00-0047	SF	>500 To 2,500 SF, Fibrous Glass Blanket Insulation, Asbestos Abatement And Disposal.....	37.75	
02 82 33 00-0048	SF	>2,500 To 10,000 SF, Fibrous Glass Blanket Insulation, Asbestos Abatement And Disposal.....	29.06	
02 82 33 00-0049	SF	>10,000 SF, Fibrous Glass Blanket Insulation, Asbestos Abatement And Disposal.....	22.55	
02 82 33 00-0050		Fibrous Glass Board Insulation, Asbestos Abatement And Disposal (02 82 33 00-0037)		
02 82 33 00-0051	SET	Up To 10 SF, Fibrous Glass Board Insulation, Asbestos Abatement And Disposal.....	1,296.29	
02 82 33 00-0052	SF	>10 To 500 SF, Fibrous Glass Board Insulation, Asbestos Abatement And Disposal.....	41.79	
02 82 33 00-0053	SF	>500 To 2,500 SF, Fibrous Glass Board Insulation, Asbestos Abatement And Disposal.....	32.43	
02 82 33 00-0054	SF	>2,500 To 10,000 SF, Fibrous Glass Board Insulation, Asbestos Abatement And Disposal.....	23.73	
02 82 33 00-0055	SF	>10,000 SF, Fibrous Glass Board Insulation, Asbestos Abatement And Disposal.....	17.22	
02 82 33 00-0056		Other Thermal Insulation, Up To 3" Thickness, Asbestos Abatement And Disposal (02 82 33 00-0037) Note: e.g., duct, boiler, tank, etc.		
02 82 33 00-0057	SET	Up To 25 SF, Up To 3" Thickness Thermal Insulation, Asbestos Abatement And Disposal.....	1,304.34	
02 82 33 00-0058	SF	>25 To 500 SF, Up To 3" Thickness Thermal Insulation, Asbestos Abatement And Disposal.....	44.53	
02 82 33 00-0059	SF	>500 To 2,500 SF, Up To 3" Thickness Thermal Insulation, Asbestos Abatement And Disposal.....	35.17	
02 82 33 00-0060	SF	>2,500 To 10,000 SF, Up To 3" Thickness Thermal Insulation, Asbestos Abatement And Disposal.....	26.48	
02 82 33 00-0061	SF	>10,000 SF, Up To 3" Thickness Thermal Insulation, Asbestos Abatement And Disposal.....	19.97	
02 82 33 00-0062		Surfacing Material, Asbestos Abatement And Disposal (02 82 33 00-0062)		
02 82 33 00-0063		Fireproofing, Asbestos Abatement And Disposal (02 82 33 00-0062) Note: Exposed surface area, includes associated overspray. See CSI section 02 82 33 00-0102 for asbestos abatement for up to 1 sf sections to expose area for attachments.		
02 82 33 00-0064	SET	Up To 25 SF, Fireproofing, Asbestos Abatement And Disposal.....	1,304.34	
02 82 33 00-0065	SF	>25 To 500 SF, Fireproofing, Asbestos Abatement And Disposal.....	53.33	



Existing Conditions		02
Facility Remediation		02 80
Asbestos Remediation		02 82

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 82 33 00-0066 SF >500 To 2,500 SF, Fireproofing, Asbestos Abatement And Disposal.....	40.10	
02 82 33 00-0067 SF >2,500 To 10,000 SF, Fireproofing, Asbestos Abatement And Disposal.....	30.19	
02 82 33 00-0068 SF >10,000 SF, Fireproofing, Asbestos Abatement And Disposal.....	22.75	
02 82 33 00-0069 Acoustical Plaster, Asbestos Abatement And Disposal (02 82 33 00-0062) Note: Remove surface coat from brown coat or remove entire assembly, including lathe and finish materials.		
02 82 33 00-0070 SET Up To 25 SF, Acoustical Plaster, Asbestos Abatement And Disposal.....	1,300.68	
02 82 33 00-0071 SF >25 To 500 SF, Acoustical Plaster, Asbestos Abatement And Disposal.....	22.39	
02 82 33 00-0072 SF >500 To 2,500 SF, Acoustical Plaster, Asbestos Abatement And Disposal.....	17.00	
02 82 33 00-0073 SF >2,500 To 10,000 SF, Acoustical Plaster, Asbestos Abatement And Disposal.....	12.68	
02 82 33 00-0074 SF >10,000 SF, Acoustical Plaster, Asbestos Abatement And Disposal.....	9.45	
02 82 33 00-0075 Gypsum Wall Board, Asbestos Abatement And Disposal (02 82 33 00-0082)		
02 82 33 00-0076 SET Up To 50 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal.....	1,307.99	
For Additional Layer, Add	355.68	
02 82 33 00-0077 SF >50 To 500 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal.....	17.26	
For Additional Layer, Add	4.67	
02 82 33 00-0078 SF >500 To 2,500 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal.....	12.68	
For Additional Layer, Add	3.41	
02 82 33 00-0079 SF >2,500 To 10,000 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal.....	9.99	
For Additional Layer, Add	2.67	
02 82 33 00-0080 SF >10,000 To 50,000 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal.....	7.84	
For Additional Layer, Add	2.08	
02 82 33 00-0081 SF >50,000 To 100,000 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal.....	6.22	
For Additional Layer, Add	1.63	
02 82 33 00-0082 SF >100,000 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal.....	5.03	
For Additional Layer, Add	1.30	
02 82 33 00-0083 Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal (02 82 33 00-0062)		
02 82 33 00-0084 SET Up To 25 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal.....	1,300.68	
02 82 33 00-0085 SF >25 To 500 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal.....	32.51	
02 82 33 00-0086 SF >500 To 2,500 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal.....	23.89	
02 82 33 00-0087 SF >2,500 To 10,000 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal.....	18.72	
02 82 33 00-0088 SF >10,000 To 50,000 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal.....	14.63	
02 82 33 00-0089 SF >50,000 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal.....	10.52	
02 82 33 00-0090 Stucco, Asbestos Abatement And Disposal (02 82 33 00-0062)		
02 82 33 00-0091 SET Up To 50 SF, Stucco, Asbestos Abatement And Disposal.....	1,307.99	
02 82 33 00-0092 SF >50 To 500 SF, Stucco, Asbestos Abatement And Disposal.....	28.41	
02 82 33 00-0093 SF >500 To 2,500 SF, Stucco, Asbestos Abatement And Disposal.....	21.35	
02 82 33 00-0094 SF >2,500 To 10,000 SF, Stucco, Asbestos Abatement And Disposal.....	16.11	
02 82 33 00-0095 SF >10,000 SF, Stucco, Asbestos Abatement And Disposal.....	12.15	
02 82 33 00-0096 Spray On Acoustical Ceiling, Asbestos Abatement And Disposal (02 82 33 00-0062)		
02 82 33 00-0097 SET Up To 50 SF, Spray On Acoustical Ceiling, Asbestos Abatement And Disposal.....	1,307.99	
02 82 33 00-0098 SF >50 To 500 SF, Spray On Acoustical Ceiling, Asbestos Abatement And Disposal.....	14.66	
02 82 33 00-0099 SF >500 To 2,500 SF, Spray On Acoustical Ceiling, Asbestos Abatement And Disposal.....	11.36	
02 82 33 00-0100 SF >2,500 To 10,000 SF, Spray On Acoustical Ceiling, Asbestos Abatement And Disposal.....	8.38	
02 82 33 00-0101 SF >10,000 SF, Spray On Acoustical Ceiling, Asbestos Abatement And Disposal.....	6.34	
02 82 33 00-0102 Fireproofing For Small Areas, Asbestos Abatement And Disposal (02 82 33 00-0062) Note: For asbestos abatement for up to 1 SF sections to expose area for attachments. See CSI section 02 82 33 00-0063 for areas > 1 SF.		
02 82 33 00-0103 EA Up To 1 SF, Fireproofing For Small Areas, Asbestos Abatement And Disposal.....	216.00	
Note: For asbestos abatement for up to 1 SF sections to expose steel area for welding attachments.		
02 82 33 00-0104 Plywood, Asbestos Abatement And Disposal (02 82 33 00-0062)		
02 82 33 00-0105 SET Up To 40 SF, Plywood, Asbestos Abatement And Disposal.....	1,305.07	
02 82 33 00-0106 SF >50 To 500 SF, Plywood, Asbestos Abatement And Disposal.....	18.61	
02 82 33 00-0107 SF >500 To 2,500 SF, Plywood, Asbestos Abatement And Disposal.....	9.11	
02 82 33 00-0108 SF >2,500 To 10,000 SF, Plywood, Asbestos Abatement And Disposal.....	6.24	
02 82 33 00-0109 SF >10,000 SF, Plywood, Asbestos Abatement And Disposal.....	5.36	
02 82 33 00-0110 Flooring Material, Asbestos Abatement And Disposal (02 82 33)		
02 82 33 00-0111 Floor Tile, Linoleum, Carpet Or Base, Asbestos Abatement And Disposal (02 82 33 00-0110)		

02 Existing Conditions**02 80 Facility Remediation****02 82 Asbestos Remediation**MINOR
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION
UNIT COST UNIT COST**02 82 33 00-0112 Floor Tile, Asbestos Abatement And Disposal** (02 82 33 00-0111)

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

02 82 33 00-0113	SET	Up To 100 SF, Single Layer Or First Of Multiple Layers, Floor Tile, Asbestos Abatement And Disposal	1,296.29
		For Each Additional Layer, Add	194.44
02 82 33 00-0114	SF	>100 To 500 SF, Single Layer Or First Of Multiple Layers, Floor Tile, Asbestos Abatement And Disposal	9.11
		For Each Additional Layer, Add	1.37
02 82 33 00-0115	SF	>500 To 2,500 SF, Single Layer Or First Of Multiple Layers, Floor Tile, Asbestos Abatement And Disposal	7.45
		For Each Additional Layer, Add	1.12
02 82 33 00-0116	SF	>2,500 To 10,000 SF, Single Layer Or First Of Multiple Layers, Floor Tile, Asbestos Abatement And Disposal	5.94
		For Each Additional Layer, Add	0.89
02 82 33 00-0117	SF	>10,000 SF, Single Layer Or First Of Multiple Layers, Floor Tile, Asbestos Abatement And Disposal	4.12
		For Each Additional Layer, Add	0.62

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

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

02 82 33 00-0119	SET	Up To 100 SF, Single Layer Or Multiple Layers, Linoleum Or Vinyl Sheet, Asbestos Abatement And Disposal	1,296.29
		For Each Additional Layer, Add	194.44
02 82 33 00-0120	SF	>100 To 500 SF, Single Layer Or Multiple Layers, Linoleum Or Vinyl Sheet, Asbestos Abatement And Disposal	9.11
		For Each Additional Layer, Add	1.37
02 82 33 00-0121	SF	>500 To 2,500 SF, Single Layer Or Multiple Layers, Linoleum Or Vinyl Sheet, Asbestos Abatement And Disposal	7.49
		For Each Additional Layer, Add	1.12
02 82 33 00-0122	SF	>2,500 To 10,000 SF, Single Layer Or Multiple Layers, Linoleum Or Vinyl Sheet, Asbestos Abatement And Disposal	6.79
		For Each Additional Layer, Add	1.02
02 82 33 00-0123	SF	>10,000 SF, Single Layer Or Multiple Layers, Linoleum Or Vinyl Sheet, Asbestos Abatement And Disposal	5.49
		For Each Additional Layer, Add	0.82

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

02 82 33 00-0125	SET	Up To 100 SF, Carpet With Non-Friable Asbestos Mastic, Asbestos Abatement And Disposal	1,296.29
02 82 33 00-0126	SF	>100 To 500 SF, Carpet With Non-Friable Asbestos Mastic, Asbestos Abatement And Disposal	7.15
02 82 33 00-0127	SF	>500 To 2,500 SF, Carpet With Non-Friable Asbestos Mastic, Asbestos Abatement And Disposal	5.79
02 82 33 00-0128	SF	>2,500 To 10,000 SF, Carpet With Non-Friable Asbestos Mastic, Asbestos Abatement And Disposal	4.24
02 82 33 00-0129	SF	>10,000 SF, Carpet With Non-Friable Asbestos Mastic, Asbestos Abatement And Disposal	3.22

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

Note: Up to 12".

02 82 33 00-0131	SET	Up To 25 LF, Wall Base And Mastic, Asbestos Abatement And Disposal	434.77
02 82 33 00-0132	LF	>25 To 100 LF, Wall Base And Mastic, Asbestos Abatement And Disposal	5.90
02 82 33 00-0133	LF	>100 To 500 LF, Wall Base And Mastic, Asbestos Abatement And Disposal	3.60
02 82 33 00-0134	LF	>500 To 2,500 LF, Wall Base And Mastic, Asbestos Abatement And Disposal	2.31
02 82 33 00-0135	LF	>2,500 LF, Wall Base And Mastic, Asbestos Abatement And Disposal	1.66

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

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

02 82 33 00-0137	SET	Up To 100 SF, Mastic, Asbestos Abatement And Disposal	1,300.69
		Note: Applies to bottom layer only if multiple layers.	
02 82 33 00-0138	SF	>100 To 500 SF, Mastic, Asbestos Abatement And Disposal	3.29
		Note: Applies to bottom layer only if multiple layers.	
02 82 33 00-0139	SF	>500 To 2,500 SF, Mastic, Asbestos Abatement And Disposal	2.43
		Note: Applies to bottom layer only if multiple layers.	
02 82 33 00-0140	SF	>2,500 To 10,000 SF, Mastic, Asbestos Abatement And Disposal	1.89
		Note: Applies to bottom layer only if multiple layers.	
02 82 33 00-0141	SF	>10,000 SF, Mastic, Asbestos Abatement And Disposal	1.53
		Note: Applies to bottom layer only if multiple layers.	

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

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

02 82 33 00-0143	SET	Up To 100 SF, Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal	1,322.62
02 82 33 00-0144	SF	>100 To 500 SF, Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal	10.47
02 82 33 00-0145	SF	>500 To 2,500 SF, Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal	7.73
02 82 33 00-0146	SF	>2,500 To 10,000 SF, Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal	6.11
02 82 33 00-0147	SF	>10,000 SF, Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal	4.82

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

02 82 33 00-0149	SET	Up To 100 SF, Cementitious Underlayment For Flooring, Asbestos Abatement And Disposal	1,307.99
02 82 33 00-0150	SF	>100 To 500 SF, Cementitious Underlayment For Flooring, Asbestos Abatement And Disposal	11.68



Existing Conditions		02
Facility Remediation		02 80
Asbestos Remediation		02 82

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 82 33 00-0151 SF >500 To 2,500 SF, Cementitious Underlayment For Flooring, Asbestos Abatement And Disposal..... Note: Includes detachment of mounted objects before removal.	7.70	
02 82 33 00-0152 SF >2,500 To 10,000 SF, Cementitious Underlayment For Flooring, Asbestos Abatement And Disposal.....	6.08	
02 82 33 00-0153 SF >10,000 SF, Cementitious Underlayment For Flooring, Asbestos Abatement And Disposal.....	5.00	
02 82 33 00-0154 Roofing, Asbestos Abatement And Disposal (02 82 33)		
02 82 33 00-0155 Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal (02 82 33 00-0154) Note: Includes roofing, flashing, sheet metal, insulation, pitch pockets, board etc.		
02 82 33 00-0156 Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal (02 82 33 00-0155)		
02 82 33 00-0157 SET Up To 125 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	1,329.93	
02 82 33 00-0158 SF >125 To 1,000 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	8.56	
02 82 33 00-0159 SF >1,000 To 5,000 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	6.91	
02 82 33 00-0160 SF >5,000 To 10,000 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	5.58	
02 82 33 00-0161 SF >10,000 To 20,000 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	4.25	
02 82 33 00-0162 SF >20,000 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	3.27	
02 82 33 00-0163 >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal (02 82 33 00-0155)		
02 82 33 00-0164 SET Up To 110 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	1,357.71	
02 82 33 00-0165 SF >110 To 1,000 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	10.00	
02 82 33 00-0166 SF >1,000 To 5,000 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	8.08	
02 82 33 00-0167 SF >5,000 To 10,000 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	6.63	
02 82 33 00-0168 SF >10,000 To 20,000 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	5.11	
02 82 33 00-0169 SF >20,000 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	3.96	
02 82 33 00-0170 >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal (02 82 33 00-0155)		
02 82 33 00-0171 SET Up To 110 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	1,389.88	
02 82 33 00-0172 SF >110 To 1,000 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	11.34	
02 82 33 00-0173 SF >1,000 To 5,000 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	9.21	
02 82 33 00-0174 SF >5,000 To 10,000 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	7.60	
02 82 33 00-0175 SF >10,000 To 20,000 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	5.92	
02 82 33 00-0176 SF >20,000 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	4.64	
02 82 33 00-0177 Shingles And Felt Roofing, Asbestos Abatement And Disposal (02 82 33 00-0154)		
02 82 33 00-0178 Shingles And Felt Roofing, Asbestos Abatement And Disposal (02 82 33 00-0177)		
02 82 33 00-0179 SET Up To 125 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal..... Note: Single or first of multiple layers.	1,302.51	
02 82 33 00-0180 SF >125 To 1,000 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal..... Note: Single or first of multiple layers.	8.34	
For Each Additional Layer, Add	1.67	
02 82 33 00-0181 SF >1,000 To 5,000 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal..... Note: Single or first of multiple layers.	6.69	
For Each Additional Layer, Add	1.34	
02 82 33 00-0182 SF >5,000 To 10,000 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal..... Note: Single or first of multiple layers.	5.36	
For Each Additional Layer, Add	1.07	
02 82 33 00-0183 SF >10,000 To 20,000 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal..... Note: Single or first of multiple layers.	4.03	
For Each Additional Layer, Add	0.81	
02 82 33 00-0184 SF >20,000 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal..... Note: Single or first of multiple layers.	3.05	
For Each Additional Layer, Add	0.61	
02 82 33 00-0185 Roof Penetration Mastic, Asbestos Abatement And Disposal (02 82 33 00-0154)		
02 82 33 00-0186 SET Up To 10 SF, Roof Penetration Mastic, Asbestos Abatement And Disposal.....	431.85	
02 82 33 00-0187 SF >10 To 50 SF, Roof Penetration Mastic, Asbestos Abatement And Disposal.....	3.30	
02 82 33 00-0188 SF >50 To 100 SF, Roof Penetration Mastic, Asbestos Abatement And Disposal.....	2.72	
02 82 33 00-0189 SF >100 To 250 SF, Roof Penetration Mastic, Asbestos Abatement And Disposal.....	2.21	
02 82 33 00-0190 SF >250 SF, Roof Penetration Mastic, Asbestos Abatement And Disposal.....	1.62	
02 82 33 00-0191 Roof Curb Mastic, Asbestos Abatement And Disposal (02 82 33 00-0154)		
02 82 33 00-0192 SET Up To 10 LF, Roof Curb Mastic, Asbestos Abatement And Disposal.....	431.85	

02 Existing Conditions**02 80 Facility Remediation****02 82 Asbestos Remediation**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 82 33 00-0193	LF	>10 To 20 LF, Roof Curb Mastic, Asbestos Abatement And Disposal.....	9.77	
02 82 33 00-0194	LF	>20 To 50 LF, Roof Curb Mastic, Asbestos Abatement And Disposal.....	7.83	
02 82 33 00-0195	LF	>50 To 150 LF, Roof Curb Mastic, Asbestos Abatement And Disposal.....	6.53	
02 82 33 00-0196	LF	>150 LF, Roof Curb Mastic, Asbestos Abatement And Disposal.....	4.73	
02 82 33 00-0197		Asbestos-Cement Products, Asbestos Abatement And Disposal (02 82 33)		
02 82 33 00-0198		Interior Asbestos-Cement Board, Asbestos Abatement And Disposal (02 82 33 00-0197)		
		Note: Includes detachment of mounted objects before removal.		
02 82 33 00-0199	SET	Up To 100 SF, Interior Asbestos-Cement Board, Asbestos Abatement And Disposal Note: Includes detachment of mounted objects before removal.	1,307.99	
02 82 33 00-0200	SF	>100 To 500 SF, Interior Asbestos-Cement Board, Asbestos Abatement And Disposal Note: Includes detachment of mounted objects before removal.	8.97	
02 82 33 00-0201	SF	>500 To 2,500 SF, Interior Asbestos-Cement Board, Asbestos Abatement And Disposal Note: Includes detachment of mounted objects before removal.	4.56	
02 82 33 00-0202	SF	>2,500 To 10,000 SF, Interior Asbestos-Cement Board, Asbestos Abatement And Disposal Note: Includes detachment of mounted objects before removal.	3.68	
02 82 33 00-0203	SF	>10,000 SF, Interior Asbestos-Cement Board, Asbestos Abatement And Disposal Note: Includes detachment of mounted objects before removal.	3.21	
02 82 33 00-0204		Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal (02 82 33 00-0197)		
02 82 33 00-0205	SET	Up To 100 SF, Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal Note: Includes detachment of mounted objects before removal.	1,307.99	
02 82 33 00-0206	SF	>100 To 500 SF, Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal.....	7.80	
02 82 33 00-0207	SF	>500 To 2,500 SF, Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal.....	4.07	
02 82 33 00-0208	SF	>2,500 To 10,000 SF, Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal.....	3.29	
02 82 33 00-0209	SF	>10,000 SF, Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal.....	2.87	
02 82 33 00-0210		Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal (02 82 33 00-0197)		
02 82 33 00-0211	SET	Up To 10 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal.....	1,095.35	
02 82 33 00-0212	LF	>10 To 100 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal.....	45.84	
02 82 33 00-0213	LF	>100 To 250 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal.....	34.82	
02 82 33 00-0214	LF	>250 To 500 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal.....	26.56	
02 82 33 00-0215	LF	>500 To 2,500 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal.....	20.35	
02 82 33 00-0216	LF	>2,500 To 10,000 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal.....	15.70	
02 82 33 00-0217	LF	>10,000 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal.....	15.37	
02 82 33 00-0218		Exterior Transite Siding, Asbestos Abatement And Disposal (02 82 33 00-0197)		
02 82 33 00-0219	SET	Up To 125 SF, Exterior Transite Siding, Asbestos Abatement And Disposal Note: Single or first of multiple layers.	1,318.15	
02 82 33 00-0220	SF	>125 To 1,000 SF, Exterior Transite Siding, Asbestos Abatement And Disposal..... Note: Single or first of multiple layers.	7.04	
02 82 33 00-0221	SF	>1,000 To 5,000 SF, Exterior Transite Siding, Asbestos Abatement And Disposal..... Note: Single or first of multiple layers.	5.67	
02 82 33 00-0222	SF	>5,000 To 10,000 SF, Exterior Transite Siding, Asbestos Abatement And Disposal..... Note: Single or first of multiple layers.	4.56	
02 82 33 00-0223	SF	>10,000 To 20,000 SF, Exterior Transite Siding, Asbestos Abatement And Disposal..... Note: Single or first of multiple layers.	3.46	
02 82 33 00-0224	SF	>20,000 SF, Exterior Transite Siding, Asbestos Abatement And Disposal Note: Single or first of multiple layers.	2.64	
02 82 33 00-0225		Asbestos Contaminated Debris, Asbestos Abatement And Disposal (02 82 33)		
02 82 33 00-0226		Asbestos Contaminated Dust And Minor Debris Collection In All Areas, Asbestos Abatement And Disposal (02 82 33 00-0225)		
		Note: For non-attic/crawl space surface cleaning including walls, floors, equipment, and furniture.		
02 82 33 00-0227	SET	Up To 10 SF, Asbestos Contaminated Dust And Minor Debris Collection In All Areas, Asbestos Abatement And Disposal.....	648.14	
02 82 33 00-0228	SF	>10 To 100 SF, Asbestos Contaminated Dust And Minor Debris Collection In All Areas, Asbestos Abatement And Disposal.....	1.21	
02 82 33 00-0229	SF	>100 To 500 SF, Asbestos Contaminated Dust And Minor Debris Collection In All Areas, Asbestos Abatement And Disposal.....	0.79	
02 82 33 00-0230	SF	>500 To 1,000 SF, Asbestos Contaminated Dust And Minor Debris Collection In All Areas, Asbestos Abatement And Disposal.....	0.65	
02 82 33 00-0231	SF	>1,000 SF, Asbestos Contaminated Dust And Minor Debris Collection In All Areas, Asbestos Abatement And Disposal.....	0.56	
02 82 33 00-0232		Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal (02 82 33 00-0225)		
02 82 33 00-0233	SET	Up To 10 SF, Up To 4" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal.....	868.10	



Existing Conditions			02
Facility Remediation			02 80
Asbestos Remediation			02 82

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST		UNIT COST
02 82 33 00-0234	SF >10 To 100 SF, Up To 4" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal		22.13	
	For Batt Insulation Removal, Add		2.00	
	For Encapsulated Soil, Add		1.00	
	For Work In Restricted Working Space, Add		1.00	
02 82 33 00-0235	SF >100 To 250 SF, Up To 4" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal		15.13	
	For Batt Insulation Removal, Add		2.00	
	For Encapsulated Soil, Add		1.00	
	For Work In Restricted Working Space, Add		1.00	
02 82 33 00-0236	SF >250 To 500 SF, Up To 4" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal		11.36	
	For Batt Insulation Removal, Add		2.00	
	For Encapsulated Soil, Add		1.00	
	For Work In Restricted Working Space, Add		1.00	
02 82 33 00-0237	SF >500 To 2,500 SF, Up To 4" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal		9.20	
	For Batt Insulation Removal, Add		2.00	
	For Encapsulated Soil, Add		1.00	
	For Work In Restricted Working Space, Add		1.00	
02 82 33 00-0238	SF >2,500 To 10,000 SF, Up To 4" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal		8.13	
	For Batt Insulation Removal, Add		2.00	
	For Encapsulated Soil, Add		1.00	
	For Work In Restricted Working Space, Add		1.00	
02 82 33 00-0239	SF >10,000 SF, Up To 4" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal		7.04	
	For Batt Insulation Removal, Add		2.00	
	For Encapsulated Soil, Add		1.00	
	For Work In Restricted Working Space, Add		1.00	
02 82 33 00-0240	SET Up To 10 SF, >4" To 7" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal		1,088.03	
02 82 33 00-0241	SF >10 To 100 SF, >4" To 7" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal		43.86	
	For Batt Insulation Removal, Add		2.00	
	For Encapsulated Soil, Add		1.00	
	For Work In Restricted Working Space, Add		1.00	
02 82 33 00-0242	SF >100 To 250 SF, >4" To 7" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal		29.60	
	For Batt Insulation Removal, Add		2.00	
	For Encapsulated Soil, Add		1.00	
	For Work In Restricted Working Space, Add		1.00	
02 82 33 00-0243	SF >250 To 500 SF, >4" To 7" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal		22.49	
	For Batt Insulation Removal, Add		2.00	
	For Encapsulated Soil, Add		1.00	
	For Work In Restricted Working Space, Add		1.00	
02 82 33 00-0244	SF >500 To 2,500 SF, >4" To 7" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal		18.16	
	For Batt Insulation Removal, Add		2.00	
	For Encapsulated Soil, Add		1.00	
	For Work In Restricted Working Space, Add		1.00	
02 82 33 00-0245	SF >2,500 To 10,000 SF, >4" To 7" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal		15.60	
	For Batt Insulation Removal, Add		2.00	
	For Encapsulated Soil, Add		1.00	
	For Work In Restricted Working Space, Add		1.00	
02 82 33 00-0246	SF >10,000 SF, >4" To 7" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal		14.13	
	For Batt Insulation Removal, Add		2.00	
	For Encapsulated Soil, Add		1.00	
	For Work In Restricted Working Space, Add		1.00	
02 82 33 00-0247	SET Up To 10 SF, >7" To 12" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal		1,310.92	
02 82 33 00-0248	SF >10 To 100 SF, >7" To 12" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal		87.48	
	For Batt Insulation Removal, Add		2.00	
	For Encapsulated Soil, Add		1.00	
	For Work In Restricted Working Space, Add		1.00	
02 82 33 00-0249	SF >100 To 250 SF, >7" To 12" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal		58.91	
	For Batt Insulation Removal, Add		2.00	
	For Encapsulated Soil, Add		1.00	
	For Work In Restricted Working Space, Add		1.00	
02 82 33 00-0250	SF >250 To 500 SF, >7" To 12" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal		44.69	
	For Batt Insulation Removal, Add		2.00	
	For Encapsulated Soil, Add		1.00	
	For Work In Restricted Working Space, Add		1.00	
02 82 33 00-0251	SF >500 To 2,500 SF, >7" To 12" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal		36.05	
	For Batt Insulation Removal, Add		2.00	
	For Encapsulated Soil, Add		1.00	
	For Work In Restricted Working Space, Add		1.00	

02 Existing Conditions**02 80 Facility Remediation****02 82 Asbestos Remediation**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 82 33 00-0252	SF		>2,500 To 10,000 SF, >7" To 12" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal	30.90	
			For Batt Insulation Removal, Add	2.00	
			For Encapsulated Soil, Add	1.00	
			For Work In Restricted Working Space, Add	1.00	
02 82 33 00-0253	SF		>10,000 SF, >7" To 12" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal	27.98	
			For Batt Insulation Removal, Add	2.00	
			For Encapsulated Soil, Add	1.00	
			For Work In Restricted Working Space, Add	1.00	
02 82 33 00-0254			Asbestos Contaminated Debris, Asbestos Abatement And Disposal (02 82 33 00-0225)		
02 82 33 00-0255	SET		Up To 10 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal	879.80	
			For Work In Restricted Working Space, Add	258.68	
02 82 33 00-0256	CF		>10 To 100 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal	87.48	
			For Work In Restricted Working Space, Add	25.72	
02 82 33 00-0257	CF		>100 To 250 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal	58.91	
			For Work In Restricted Working Space, Add	17.15	
02 82 33 00-0258	CF		>250 To 500 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal	44.69	
			For Work In Restricted Working Space, Add	12.88	
02 82 33 00-0259	CF		>500 To 2,500 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal	36.05	
			For Work In Restricted Working Space, Add	10.29	
02 82 33 00-0260	CF		>2,500 To 10,000 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal	30.90	
			For Work In Restricted Working Space, Add	8.75	
02 82 33 00-0261	CF		>10,000 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal	27.98	
			For Work In Restricted Working Space, Add	7.87	
02 82 33 00-0262			Other Asbestos Containing Materials, Asbestos Abatement And Disposal (02 82 33 00-0233)		
02 82 33 00-0263			30" To 36" Fire Door, Asbestos Abatement And Disposal (02 82 33 00-0262)		
02 82 33 00-0264	SET		Up To 1 EA, 30" To 36" Fire Door, Asbestos Abatement And Disposal	439.02	
02 82 33 00-0265	EA		>1 To 20 EA, 30" To 36" Fire Door, Asbestos Abatement And Disposal	163.11	
02 82 33 00-0266	EA		>20 EA, 30" To 36" Fire Door, Asbestos Abatement And Disposal	147.58	
02 82 33 00-0267			HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal (02 82 33 00-0262)		
02 82 33 00-0268	SET		Up To 10 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal	431.48	
02 82 33 00-0269	LF		>10 To 50 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal	8.86	
02 82 33 00-0270	LF		>50 To 100 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal	6.65	
02 82 33 00-0271	LF		>100 To 250 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal	5.73	
02 82 33 00-0272	LF		>250 To 1,000 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal	4.94	
02 82 33 00-0273	LF		>1,000 To 2,500 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal	4.23	
02 82 33 00-0274	LF		>2,500 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal	3.65	
02 82 33 00-0275			Grout, Asbestos Abatement And Disposal (02 82 33 00-0262)		
			Note: e.g. flue grout.		
02 82 33 00-0276	SET		Up To 10 LF, Grout, Asbestos Abatement And Disposal	431.36	
02 82 33 00-0277	LF		>10 To 50 LF, Grout, Asbestos Abatement And Disposal	16.99	
02 82 33 00-0278	LF		>50 To 100 LF, Grout, Asbestos Abatement And Disposal	11.70	
02 82 33 00-0279	LF		>100 To 250 LF, Grout, Asbestos Abatement And Disposal	10.03	
02 82 33 00-0280	LF		>250 To 1,000 LF, Grout, Asbestos Abatement And Disposal	8.62	
02 82 33 00-0281	LF		>1,000 To 2,500 LF, Grout, Asbestos Abatement And Disposal	7.43	
02 82 33 00-0282	LF		>2,500 LF, Grout, Asbestos Abatement And Disposal	6.37	
02 82 33 00-0283			Gaskets, Asbestos Abatement And Disposal (02 82 33 00-0262)		
			Note: e.g. rope, web cloth, flat.		
02 82 33 00-0284	SET		Up To 10 LF, Gaskets, Asbestos Abatement And Disposal	431.48	
02 82 33 00-0285	LF		>10 To 50 LF, Gaskets, Asbestos Abatement And Disposal	22.90	
02 82 33 00-0286	LF		>50 To 250 LF, Gaskets, Asbestos Abatement And Disposal	17.18	
02 82 33 00-0287	LF		>250 To 500 LF, Gaskets, Asbestos Abatement And Disposal	14.64	
02 82 33 00-0288	LF		>500 To 1,500 LF, Gaskets, Asbestos Abatement And Disposal	13.19	
02 82 33 00-0289	LF		>1,500 To 2,500 LF, Gaskets, Asbestos Abatement And Disposal	11.85	
02 82 33 00-0290	LF		>2,500 LF, Gaskets, Asbestos Abatement And Disposal	11.28	
02 82 33 00-0291			Ceiling Tile Including Glue Removal, Asbestos Abatement And Disposal (02 82 33 00-0262)		
			Note: e.g. grid, spline, or glued on.		
02 82 33 00-0292	SET		Up To 50 SF, Ceiling Tile, Asbestos Abatement And Disposal	869.56	
			Note: Including Glue Removal		
02 82 33 00-0293	SF		>50 To 1,000 SF, Ceiling Tile, Asbestos Abatement And Disposal	18.47	
			Note: Including Glue Removal		
02 82 33 00-0294	SF		>1,000 To 2,500 SF, Ceiling Tile, Asbestos Abatement And Disposal	8.97	
			Note: Including Glue Removal		
02 82 33 00-0295	SF		>2,500 To 10,000 SF, Ceiling Tile, Asbestos Abatement And Disposal	6.10	
			Note: Including Glue Removal		



Existing Conditions		02
Facility Remediation		02 80
Asbestos Remediation		02 82

MINOR CSI UOM DESCRIPTION			TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 82 33 00-0296	SF	>10,000 SF, Ceiling Tile, Asbestos Abatement And Disposal Note: Including Glue Removal	5.22	
02 82 33 00-0297		Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal (02 82 33 00-0262) Note: Includes ceiling tile, asbestos barrier paper, and furring strips.		
02 82 33 00-0298	SET	Up To 50 SF, Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal.....	866.20	
02 82 33 00-0299	SF	>50 To 1,000 SF, Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal.....	18.47	
02 82 33 00-0300	SF	>1,000 To 2,500 SF, Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal.....	8.97	
02 82 33 00-0301	SF	>2,500 To 10,000 SF, Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal.....	6.10	
02 82 33 00-0302	SF	>10,000 SF, Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal.....	5.22	
02 82 33 00-0303		Caulking, Asbestos Abatement And Disposal (02 82 33 00-0262)		
02 82 33 00-0304		Non-Friable Caulking, Asbestos Abatement And Disposal (02 82 33 00-0303)		
02 82 33 00-0305	SET	Up To 10 LF, Non-Friable Asbestos Contaminated Caulking, Asbestos Abatement And Disposal.....	431.36	
02 82 33 00-0306	LF	>10 To 50 LF, Non-Friable Asbestos Contaminated Caulking, Asbestos Abatement And Disposal.....	12.74	
02 82 33 00-0307	LF	>50 To 100 LF, Non-Friable Asbestos Contaminated Caulking, Asbestos Abatement And Disposal.....	8.99	
02 82 33 00-0308	LF	>100 To 250 LF, Non-Friable Asbestos Contaminated Caulking, Asbestos Abatement And Disposal.....	6.69	
02 82 33 00-0309	LF	>250 To 1,000 LF, Non-Friable Asbestos Contaminated Caulking, Asbestos Abatement And Disposal.....	5.04	
02 82 33 00-0310	LF	>1,000 To 2,500 LF, Non-Friable Asbestos Contaminated Caulking, Asbestos Abatement And Disposal.....	3.98	
02 82 33 00-0311	LF	>2,500 LF, Non-Friable Asbestos Contaminated Caulking, Asbestos Abatement And Disposal.....	3.46	
02 82 33 00-0312		Wire Insulation, Asbestos Abatement And Disposal (02 82 33 00-0262)		
02 82 33 00-0313		Wire Insulation, Asbestos Abatement And Disposal (02 82 33 00-0312)		
02 82 33 00-0314	SET	Up To 10 LF, Asbestos Wire Insulation, Asbestos Abatement And Disposal.....	431.36	
02 82 33 00-0315	LF	>10 To 50 LF, Asbestos Wire Insulation, Asbestos Abatement And Disposal.....	4.79	
02 82 33 00-0316	LF	>50 To 100 LF, Asbestos Wire Insulation, Asbestos Abatement And Disposal.....	3.38	
02 82 33 00-0317	LF	>100 To 250 LF, Asbestos Wire Insulation, Asbestos Abatement And Disposal.....	2.52	
02 82 33 00-0318	LF	>250 To 1,000 LF, Asbestos Wire Insulation, Asbestos Abatement And Disposal.....	1.89	
02 82 33 00-0319	LF	>1,000 To 2,500 LF, Asbestos Wire Insulation, Asbestos Abatement And Disposal.....	1.51	
02 82 33 00-0320	LF	>2,500 LF, Asbestos Wire Insulation, Asbestos Abatement And Disposal.....	1.32	
02 82 33 00-0321		Asbestos Contaminated Paint, Asbestos Abatement And Disposal (02 82 33 00-0262) Note: Exposed surface area, includes associated overspray.		
02 82 33 00-0322	SET	Up To 10 SF, Asbestos Contaminated Paint On Bridges, Asbestos Abatement And Disposal.....	539.64	
02 82 33 00-0323	SF	>10 To 500 SF, Asbestos Contaminated Paint On Bridges, Asbestos Abatement And Disposal.....	52.96	
02 82 33 00-0324	SF	>500 To 2,500 SF, Asbestos Contaminated Paint On Bridges, Asbestos Abatement And Disposal.....	39.73	
02 82 33 00-0325	SF	>2,500 To 10,000 SF, Asbestos Contaminated Paint On Bridges, Asbestos Abatement And Disposal.....	29.82	
02 82 33 00-0326	SF	>10,000 SF, Asbestos Contaminated Paint On Bridges, Asbestos Abatement And Disposal.....	22.38	
02 82 33 00-0327		Tackboards/Chalkboards/Markerboards With Mastic, Asbestos Abatement And Disposal (02 82 33 00-0262)		
02 82 33 00-0328	SF	Tackboards/Chalkboards/Markerboards With Mastic, Asbestos Abatement And Disposal.....	5.54	
02 82 33 00-0329	SF	Mastic On Walls, Asbestos Abatement And Disposal.....	21.62	
02 82 33 00-0330		Wood Wall Joint Compound, Asbestos Abatement And Disposal (02 82 33 00-0262)		
02 82 33 00-0331	SET	Up To 10 SF, Wood Wall Joint Compound, Asbestos Abatement And Disposal.....	862.98	
02 82 33 00-0332	SF	>10 To 500 SF, Wood Wall Joint Compound, Asbestos Abatement And Disposal.....	17.04	
02 82 33 00-0333	SF	>500 To 2,500 SF, Wood Wall Joint Compound, Asbestos Abatement And Disposal.....	12.46	
02 82 33 00-0334	SF	>2,500 To 10,000 SF, Wood Wall Joint Compound, Asbestos Abatement And Disposal.....	9.77	
02 82 33 00-0335	SF	>10,000 SF, Wood Wall Joint Compound, Asbestos Abatement And Disposal.....	7.62	
02 82 33 00-0336		Chalk Board Mastic, Asbestos Abatement And Disposal (02 82 33 00-0262)		
02 82 33 00-0337	SET	Up To 100 SF, Chalk Board Mastic, Asbestos Abatement And Disposal.....	438.44	
02 82 33 00-0338	SF	>100 To 1,000 SF, Chalk Board Mastic, Asbestos Abatement And Disposal.....	18.39	
02 82 33 00-0339	SF	>1,000 To 2,500 SF, Chalk Board Mastic, Asbestos Abatement And Disposal.....	8.89	
02 82 33 00-0340	SF	>2,500 To 10,000 SF, Chalk Board Mastic, Asbestos Abatement And Disposal.....	6.02	
02 82 33 00-0341	SF	>10,000 SF, Chalk Board Mastic, Asbestos Abatement And Disposal.....	5.14	
02 82 33 00-0342		Tack Board Mastic, Asbestos Abatement And Disposal (02 82 33 00-0262)		
02 82 33 00-0343	SET	Up To 100 SF, Tack Board Mastic, Asbestos Abatement And Disposal.....	438.44	
02 82 33 00-0344	SF	>100 To 1,000 SF, Tack Board Mastic, Asbestos Abatement And Disposal.....	18.39	
02 82 33 00-0345	SF	>1,000 To 2,500 SF, Tack Board Mastic, Asbestos Abatement And Disposal.....	8.89	
02 82 33 00-0346	SF	>2,500 To 10,000 SF, Tack Board Mastic, Asbestos Abatement And Disposal.....	6.02	
02 82 33 00-0347	SF	>10,000 SF, Tack Board Mastic, Asbestos Abatement And Disposal.....	5.14	

02 Existing Conditions**02 80 Facility Remediation****02 82 Asbestos Remediation**MINOR
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

02 82 33 00-0348	Dash Coat Over Wood Walls, Asbestos Abatement And Disposal (02 82 33 00-0262)	
02 82 33 00-0349	SET Up To 10 SF, Dash Coat Over Wood Walls, Asbestos Abatement And Disposal	862.98
02 82 33 00-0350	SF >10 To 500 SF, Dash Coat Over Wood Walls, Asbestos Abatement And Disposal	18.93
02 82 33 00-0351	SF >500 To 2,500 SF, Dash Coat Over Wood Walls, Asbestos Abatement And Disposal	14.12
02 82 33 00-0352	SF >2,500 To 10,000 SF, Dash Coat Over Wood Walls, Asbestos Abatement And Disposal	10.61
02 82 33 00-0353	SF >10,000 SF, Dash Coat Over Wood Walls, Asbestos Abatement And Disposal	7.98
02 82 33 00-0354	HEPA Vacuum, Asbestos Abatement And Disposal (02 82 33 00-0262)	
	Note: For adjacent areas.	
02 82 33 00-0355	SF High Efficiency Particulate Air (HEPA) Vacuum And Cleaning Of Contaminated Area	0.80
02 82 33 00-0356	Window Putty, Asbestos Abatement And Disposal (02 82 33 00-0262)	
02 82 33 00-0357	SET Up To 10 LF, Window Putty, Asbestos Abatement And Disposal	431.36
02 82 33 00-0358	LF >10 To 50 LF, Window Putty, Asbestos Abatement And Disposal	16.99
02 82 33 00-0359	LF >50 To 100 LF, Window Putty, Asbestos Abatement And Disposal	11.70
02 82 33 00-0360	LF >100 To 250 LF, Window Putty, Asbestos Abatement And Disposal	10.03
02 82 33 00-0361	LF >250 To 1,000 LF, Window Putty, Asbestos Abatement And Disposal	8.62
02 82 33 00-0362	LF >1,000 LF, Window Putty, Asbestos Abatement And Disposal	7.43
02 82 33 00-0363	Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal (02 82 33 00-0262)	
02 82 33 00-0364	SET Up To 4 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal	895.94
02 82 33 00-0365	EA >4 To 40 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal	85.58
02 82 33 00-0366	EA >40 To 60 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal	59.86
02 82 33 00-0367	EA >60 To 125 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal	47.06
02 82 33 00-0368	EA >125 To 625 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal	39.28
02 82 33 00-0369	EA >625 To 1,500 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal	34.65
02 82 33 00-0370	EA >1,500 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal	32.02
02 82 33 00-0371	Other Material, Asbestos Abatement And Disposal (02 82 33 00-0262)	
02 82 33 00-0372	LF Chemical Countertops, Asbestos Abatement And Disposal	29.32
02 82 33 00-0373	EA Chemical Fume Hood, Asbestos Abatement And Disposal	1,658.82

02 83 Lead Remediation (02 80)

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

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

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

02 83 19 13-0001	Minimum Charge For Lead-Based Paint Remediation (02 83 19 13)	
02 83 19 13-0002	EA Lead-Based Paint Remediation Minimum Show Up Charge	1,287.96
	Note: For projects where the total lead-based paint remediation charge is less than the minimum charge, use task "Minimum Charge For Lead-Based Paint Remediation" exclusively. Task "Minimum Charge For Lead-Based Paint Remediation" should not be used in conjunction with any other tasks in this section. Includes air sample and personal air monitoring.	
02 83 19 13-0003	Lead Sampling And Testing (02 83 19 13)	
	Note: Includes packaging of sample for shipping, shipping to testing lab, chain of custody documentation, analysis of sample, lab report, and sample disposal. Excludes sampling time.	
02 83 19 13-0004	HR Certified Lead Sampling Technician For Bulk Sampling Or Air Monitoring	97.62
02 83 19 13-0005	EA X-Ray Fluorescence (XRF) Lead Testing	72.77
	Note: Including Technician, 3 Readings Per Surface And Lab Fee	
02 83 19 13-0006	EA 5 Day Turnaround Toxicity Characteristic Leaching Procedure (TCLP) Lead Test And Lab Fee	69.66
02 83 19 13-0007	EA 48 Hour Turnaround Toxicity Characteristic Leaching Procedure (TCLP) Lead Test And Lab Fee	105.55
02 83 19 13-0008	EA 24 Hour Turnaround Toxicity Characteristic Leaching Procedure (TCLP) Lead Test And Lab Fee	147.77
02 83 19 13-0009	EA 5 Day Turnaround Total Threshold Leaching Concentration (TTLC) Lead Test And Lab Fee	27.44
02 83 19 13-0010	EA 24 Hour Turnaround Total Threshold Leaching Concentration (TTLC) Lead Test And Lab Fee	42.22
02 83 19 13-0011	EA 8 Hour Turnaround Total Threshold Leaching Concentration (TTLC) Lead Test And Lab Fee	52.78
02 83 19 13-0012	EA 5 Day Turnaround Soluble Threshold Limit Concentration (STLC) Lead Test And Lab Fee	69.66
02 83 19 13-0013	EA 3 Day Turnaround Soluble Threshold Limit Concentration (STLC) Lead Test And Lab Fee	105.55
02 83 19 13-0014	EA 5 Day Turnaround Lead Wipe Samples And Lab Fee	11.61
02 83 19 13-0015	EA 24 Hour Turnaround Lead Wipe Samples And Lab Fee	15.83
02 83 19 13-0016	EA 8 Hour Turnaround Lead Wipe Samples And Lab Fee	23.22
02 83 19 13-0017	EA 5 Day Turnaround Lead Bulk Samples And Lab Fee	11.61
02 83 19 13-0018	EA 24 Hour Turnaround Lead Bulk Samples And Lab Fee	15.83
02 83 19 13-0019	EA 8 Hour Turnaround Lead Bulk Samples And Lab Fee	23.22



Existing Conditions			02
Facility Remediation			02 80
Lead Remediation			02 83

MINOR			TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION			UNIT COST	UNIT COST
02 83 19 13-0020	EA	5 Day Turnaround Lead Air Samples And Lab Fee	11.61	
02 83 19 13-0021	EA	24 Hour Turnaround Lead Air Samples And Lab Fee	15.83	
02 83 19 13-0022	EA	8 Hour Turnaround Lead Air Samples And Lab Fee	23.22	
02 83 19 13-0023	EA	5 Day Turnaround Lead Water Test and Lab Fee	42.22	
02 83 19 13-0024	EA	24 Hour Turnaround Lead Water Test and Lab Fee	63.33	
02 83 19 13-0025	EA	8 Hour Turnaround Lead Water Test and Lab Fee	84.44	
02 83 19 13-0026	EA	5 Day Turnaround Lead Paint Chip Test and Lab Fee	43.66	
02 83 19 13-0027	EA	5 Day Turnaround Lead Soil Test and Lab Fee	87.33	
02 83 19 13-0028	Scrape And Sand Lead Paint (02 83 19 13)			
02 83 19 13-0029	SF	Hand Scrape Lead Paint From Concrete Or Masonry Surfaces	1.41	
02 83 19 13-0030	SF	Scrape Lead Paint, Repair And Sand Severely Damaged Drywall Surfaces	1.47	
02 83 19 13-0031	SF	Hand Scrape Lead Paint From Wood Surfaces	1.93	
02 83 19 13-0032	SF	Hand Scraping And Sanding Lead Paint From Metal Surfaces	1.98	
02 83 19 13-0033	Chemical Stripping Of Lead Contaminated Material (02 83 19 13)			
Note: Per 0.02" (20 mils) application. Manufacture recommended operating temperatures not to be below 50 degrees. Includes heat gun (where required) for follow up, waste handling, packing and all personnel blood work, lab test fees and monitoring. Industrial coatings often contain other hazardous ingredients in addition to or in place of lead. These might include, but are not be limited to, chromium, cadmium and mercury.				
02 83 19 13-0034	SF	Balustrades, Chemical Stripping Of Lead Contaminated Material	37.41	
		For 0.025" (25 mil) Application, Add	2.12	
		For 0.03" (30 mil) Application, Add	3.34	
02 83 19 13-0035	SF	Balustrades, Ornate, Chemical Stripping Of Lead Contaminated Material	55.48	
		For 0.025" (25 mil) Application, Add	3.02	
		For 0.03" (30 mil) Application, Add	4.69	
02 83 19 13-0036	LF	Up To 6" Wide, Wood Trim, Chemical Stripping Of Lead Contaminated Material	16.07	
		For 0.025" (25 mil) Application, Add	0.95	
		For 0.03" (30 mil) Application, Add	1.52	
		For 0.125" (125 mil) Application, Add	8.52	
02 83 19 13-0037	LF	>6" To 12" Wide, Wood Trim, Chemical Stripping Of Lead Contaminated Material	32.81	
		For 0.025" (25 mil) Application, Add	1.79	
		For 0.03" (30 mil) Application, Add	2.78	
		For 0.125" (125 mil) Application, Add	12.70	
02 83 19 13-0038	SF	Cornice, Chemical Stripping Of Lead Contaminated Material	17.46	
		For 0.025" (25 mil) Application, Add	1.12	
		For 0.03" (30 mil) Application, Add	1.84	
02 83 19 13-0039	SF	Cornice, Ornate, Chemical Stripping Of Lead Contaminated Material	49.45	
		For 0.025" (25 mil) Application, Add	2.72	
		For 0.03" (30 mil) Application, Add	4.24	
02 83 19 13-0040	SF	Brick, Concrete Block, Concrete, Chemical Stripping Of Lead Contaminated Material	10.77	
		For 0.025" (25 mil) Application, Add	0.74	
		For 0.03" (30 mil) Application, Add	1.23	
		For 0.125" (125 mil) Application, Add	8.69	
02 83 19 13-0041	SF	Cabinets, Chemical Stripping Of Lead Contaminated Material	31.26	
		For 0.025" (25 mil) Application, Add	1.76	
		For 0.03" (30 mil) Application, Add	2.77	
02 83 19 13-0042	SF	Cabinets, Ornate, Chemical Stripping Of Lead Contaminated Material	39.85	
		For 0.025" (25 mil) Application, Add	2.19	
		For 0.03" (30 mil) Application, Add	3.41	
02 83 19 13-0043	SF	Plaster, Stucco and Drywall Surfaces, Chemical Stripping Of Lead Contaminated Material	14.85	
		For 0.025" (25 mil) Application, Add	0.94	
		For 0.03" (30 mil) Application, Add	1.54	
02 83 19 13-0044	SF	Columns, Chemical Stripping Of Lead Contaminated Material	14.27	
		For 0.025" (25 mil) Application, Add	0.96	
		For 0.03" (30 mil) Application, Add	1.60	
		For 0.125" (125 mil) Application, Add	11.07	
02 83 19 13-0045	SF	Flush Doors, One Side, Chemical Stripping Of Lead Contaminated Material	12.57	
		For 0.025" (25 mil) Application, Add	0.83	
		For 0.03" (30 mil) Application, Add	1.37	
02 83 19 13-0046	SF	Raised Panel Doors and Decorative Doors, Chemical Stripping Of Lead Contaminated Material	15.44	
		For 0.025" (25 mil) Application, Add	0.97	
		For 0.03" (30 mil) Application, Add	1.58	
02 83 19 13-0047	SF	Sectional Panel Or Roll-Up Doors, Chemical Stripping Of Lead Contaminated	22.76	
		For 0.025" (25 mil) Application, Add	1.39	
		For 0.03" (30 mil) Application, Add	2.24	
02 83 19 13-0048	EA	Electrical Devices, Chemical Stripping Of Lead Contaminated Material	65.08	
		For 0.025" (25 mil) Application, Add	3.65	
		For 0.03" (30 mil) Application, Add	5.73	
02 83 19 13-0049	LF	Door Frames, Chemical Stripping Of Lead Contaminated Material	16.14	
		For 0.025" (25 mil) Application, Add	1.01	
		For 0.03" (30 mil) Application, Add	1.64	
02 83 19 13-0050	SF	Wood Floors, Chemical Stripping Of Lead Contaminated Material	8.87	
		For 0.025" (25 mil) Application, Add	0.64	
		For 0.03" (30 mil) Application, Add	1.09	
02 83 19 13-0051	SF	HVAC Grilles, Chemical Stripping Of Lead Contaminated Material	33.41	
		For 0.025" (25 mil) Application, Add	1.87	
		For 0.03" (30 mil) Application, Add	2.93	
02 83 19 13-0052	SF	HVAC Grilles, Ornate, Chemical Stripping Of Lead Contaminated Material	39.85	
		For 0.025" (25 mil) Application, Add	2.19	
		For 0.03" (30 mil) Application, Add	3.41	

02 Existing Conditions**02 80 Facility Remediation****02 83 Lead Remediation**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

02 83 19 13-0053	EA Hinges, Chemical Stripping Of Lead Contaminated Material	20.93
	For 0.025" (25 mil) Application, Add	1.35
	For 0.03" (30 mil) Application, Add	2.21
02 83 19 13-0054	EA Up To 6" Diameter Hangers, Chemical Stripping Of Lead Contaminated Material	25.78
	For 0.025" (25 mil) Application, Add	1.59
	For 0.03" (30 mil) Application, Add	2.57
	For 0.125" (125 mil) Application, Add	15.45
02 83 19 13-0055	LF Up To 2" Diameter Pipes and Conduit, Chemical Stripping Of Lead Contaminated Material	7.19
	For 0.025" (25 mil) Application, Add	0.51
	For 0.03" (30 mil) Application, Add	0.86
	For 0.125" (125 mil) Application, Add	6.30
02 83 19 13-0056	LF >2" To 4" Diameter Pipes and Conduit, Chemical Stripping Of Lead Contaminated Material	11.55
	For 0.025" (25 mil) Application, Add	0.73
	For 0.03" (30 mil) Application, Add	1.19
	For 0.125" (125 mil) Application, Add	7.39
02 83 19 13-0057	LF >4" To 8" Diameter Pipes and Conduit, Chemical Stripping Of Lead Contaminated Material	20.68
	For 0.025" (25 mil) Application, Add	1.28
	For 0.03" (30 mil) Application, Add	2.08
	For 0.125" (125 mil) Application, Add	12.67
02 83 19 13-0058	LF >8" To 12" Diameter Pipes and Conduit, Chemical Stripping Of Lead Contaminated Material	28.33
	For 0.025" (25 mil) Application, Add	1.72
	For 0.03" (30 mil) Application, Add	2.76
	For 0.125" (125 mil) Application, Add	16.08
02 83 19 13-0059	LF >12" To 16" Diameter Pipes and Conduit, Chemical Stripping Of Lead Contaminated Material	50.82
	For 0.025" (25 mil) Application, Add	2.99
	For 0.03" (30 mil) Application, Add	4.77
	For 0.125" (125 mil) Application, Add	26.21
02 83 19 13-0060	SF >16" Diameter Pipes, Chemical Stripping Of Lead Contaminated Material, SF Of Surface Area	15.18
	For 0.025" (25 mil) Application, Add	0.87
	For 0.03" (30 mil) Application, Add	1.37
	For 0.125" (125 mil) Application, Add	7.04
02 83 19 13-0061	EA Up To 12 SF Radiators, Chemical Stripping Of Lead Contaminated Material	301.93
	For 0.025" (25 mil) Application, Add	16.55
	For 0.03" (30 mil) Application, Add	25.73
02 83 19 13-0062	SF Flat And Raised Panel Wood Shutters, Chemical Stripping Of Lead Contaminated Material	21.12
	For 0.025" (25 mil) Application, Add	1.62
	For 0.03" (30 mil) Application, Add	2.78
02 83 19 13-0063	SF Louvered Wood Shutters, Chemical Stripping Of Lead Contaminated Material	23.13
	For 0.025" (25 mil) Application, Add	1.72
	For 0.03" (30 mil) Application, Add	2.93
02 83 19 13-0064	SF Siding, Chemical Stripping Of Lead Contaminated Material	12.05
	For 0.025" (25 mil) Application, Add	0.85
	For 0.03" (30 mil) Application, Add	1.44
	For 0.125" (125 mil) Application, Add	10.51
02 83 19 13-0065	SF Soffit, Chemical Stripping Of Lead Contaminated Material	25.28
	For 0.025" (25 mil) Application, Add	1.46
	For 0.03" (30 mil) Application, Add	2.32
	For 0.125" (125 mil) Application, Add	12.32
02 83 19 13-0066	SF Flat Steel Surfaces, Chemical Stripping Of Lead Contaminated Material	11.63
	For 0.025" (25 mil) Application, Add	0.78
	For 0.03" (30 mil) Application, Add	1.30
	For 0.125" (125 mil) Application, Add	8.91
02 83 19 13-0067	SF Corrugated Steel, Chemical Stripping Of Lead Contaminated Material	13.20
	For 0.025" (25 mil) Application, Add	0.86
	For 0.03" (30 mil) Application, Add	1.42
	For 0.125" (125 mil) Application, Add	9.30
02 83 19 13-0068	SF Steel Beams and Columns, Chemical Stripping Of Lead Contaminated Material	13.17
	For 0.025" (25 mil) Application, Add	0.86
	For 0.03" (30 mil) Application, Add	1.41
	For 0.125" (125 mil) Application, Add	9.29
02 83 19 13-0069	SF Steel Trusses, Chemical Stripping Of Lead Contaminated Material	18.66
	For 0.025" (25 mil) Application, Add	1.13
	For 0.03" (30 mil) Application, Add	1.82
	For 0.125" (125 mil) Application, Add	10.67
02 83 19 13-0070	SF Wood Surfaces, Chemical Stripping Of Lead Contaminated Material	13.17
	For 0.025" (25 mil) Application, Add	0.86
	For 0.03" (30 mil) Application, Add	1.41
	For 0.125" (125 mil) Application, Add	9.29
02 83 19 13-0071	SF Windows (Sash, Sill, Jambs, Casing Trim), One Side, 1/1 Light, Chemical Stripping Of Lead Contaminated Material	30.35
	For 0.025" (25 mil) Application, Add	1.72
	For 0.03" (30 mil) Application, Add	2.70
02 83 19 13-0072	SF Windows (Sash, Sill, Jambs, Muntins, Casing Trim), One Side, 2/2 Light, Chemical Stripping Of Lead Contaminated Material	33.21
	For 0.025" (25 mil) Application, Add	1.86
	For 0.03" (30 mil) Application, Add	2.92
02 83 19 13-0073	SF Windows (Sash, Sill, Jambs, Muntins, Casing Trim), One Side, 4/4 Light, Chemical Stripping Of Lead Contaminated Material	35.15
	For 0.025" (25 mil) Application, Add	1.96
	For 0.03" (30 mil) Application, Add	3.06
02 83 19 13-0074	SF Windows (Sash, Sill, Jambs, Muntins, Casing Trim), One Side, 6/6 Light, Chemical Stripping Of Lead Contaminated Material	37.11
	For 0.025" (25 mil) Application, Add	2.06
	For 0.03" (30 mil) Application, Add	3.21



Existing Conditions		02
Facility Remediation		02 80
Lead Remediation		02 83

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 83 19 13-0075	SF		Windows (Sash, Sill, Jambs, Muntins, Casing Trim), One Side, 8/8 Light Chemical Stripping Of Lead Contaminated Material	39.05	
			For 0.025" (25 mil) Application, Add	2.15	
			For 0.03" (30 mil) Application, Add	3.35	
02 83 19 13-0076	SF		Windows (Sash, Sill, Jambs, Muntins, Casing Trim), One Side, 10/10 Light, Chemical Stripping Of Lead Contaminated Material	41.06	
			For 0.025" (25 mil) Application, Add	2.25	
			For 0.03" (30 mil) Application, Add	3.50	
02 83 19 13-0077	SF		Windows (Sash, Sill, Jambs, Muntins, Casing Trim), One Side, 12/12 light Chemical Stripping Of Lead Contaminated Material	42.95	
			For 0.025" (25 mil) Application, Add	2.35	
			For 0.03" (30 mil) Application, Add	3.65	
02 83 19 13-0078	SF		Windows (Sash, Sill, Jambs, Muntins, Casing Trim), One Side, 14/14 Light, Chemical Stripping Of Lead Contaminated Material	43.92	
			For 0.025" (25 mil) Application, Add	2.40	
			For 0.03" (30 mil) Application, Add	3.72	
02 83 19 13-0079	SF		Windows (Sash, Sill, Jambs, Muntins, Casing Trim), One Side, 16/16 Light Chemical Stripping Of Lead Contaminated Material	44.91	
			For 0.025" (25 mil) Application, Add	2.45	
			For 0.03" (30 mil) Application, Add	3.79	
02 83 19 13-0080	SF		Windows (Sash, Sill, Jambs, Muntins, Casing Trim), One Side, 20/20 Light, Chemical Stripping Of Lead Contaminated Material	45.85	
			For 0.025" (25 mil) Application, Add	2.49	
			For 0.03" (30 mil) Application, Add	3.86	
02 83 19 13-0081	SF		Metal Stairs, Chemical Stripping Of Lead Contaminated Material	60.59	
			For 0.025" (25 mil) Application, Add	3.43	
			For 0.03" (30 mil) Application, Add	5.39	
			For 0.125" (125 mil) Application, Add	27.15	
02 83 19 13-0082	LF		Metal Single Hand Rail, Chemical Stripping Of Lead Contaminated Material	10.52	
			For 0.025" (25 mil) Application, Add	0.68	
			For 0.03" (30 mil) Application, Add	1.11	
			For 0.125" (125 mil) Application, Add	7.13	
02 83 19 13-0083	SF		Metal Railing And Posts, Chemical Stripping Of Lead Contaminated Material	30.79	
			Note: The unit of measure "SF" is measured for "Length x Height". Work includes both sides of railing.		
			For 0.025" (25 mil) Application, Add	1.84	
			For 0.03" (30 mil) Application, Add	2.95	
			For 0.125" (125 mil) Application, Add	16.70	
02 83 19 13-0084	SF		Metal Picket Fence, Chemical Stripping Of Lead Contaminated Material	33.66	
			For 0.025" (25 mil) Application, Add	1.93	
			For 0.03" (30 mil) Application, Add	3.06	
			For 0.125" (125 mil) Application, Add	15.92	
02 83 19 13-0085	LF		2" Wide Paint From Concrete Or Asphalt Pavement, Chemical Stripping Of Lead Contaminated Material	3.10	
			For 0.025" (25 mil) Application, Add	0.19	
			For 0.03" (30 mil) Application, Add	0.30	
02 83 19 13-0086	LF		3" Wide Paint From Concrete Or Asphalt Pavement, Chemical Stripping Of Lead Contaminated Material	4.65	
			For 0.025" (25 mil) Application, Add	0.28	
			For 0.03" (30 mil) Application, Add	0.46	
02 83 19 13-0087	LF		4" Wide Paint From Concrete Or Asphalt Pavement, Chemical Stripping Of Lead Contaminated Material	5.38	
			For 0.025" (25 mil) Application, Add	0.32	
			For 0.03" (30 mil) Application, Add	0.51	
02 83 19 13-0088	LF		6" Wide Paint From Concrete Or Asphalt Pavement, Chemical Stripping Of Lead Contaminated Material	6.18	
			For 0.025" (25 mil) Application, Add	0.38	
			For 0.03" (30 mil) Application, Add	0.60	
02 83 19 13-0089	SF		Paint From Concrete Or Asphalt Pavement, Chemical Stripping Of Lead Contaminated Material	10.77	
			For 0.025" (25 mil) Application, Add	0.74	
			For 0.03" (30 mil) Application, Add	1.23	
02 83 19 13-0090			Demolish Lead Contaminated Material (02 83 19 13)		
			Note: Includes waste handling, packing, all personnel blood work, lab test fees and monitoring. Industrial coatings often contain other hazardous ingredients in addition to or in place of lead. These might include, but are not be limited to, chromium, cadmium and mercury.		
02 83 19 13-0091	SF		Demolish Ceiling Suspension System, Lead Contaminated Material	2.66	
02 83 19 13-0092	SF		Demolish Up To 100 SF Gypsum Wall Board, Lead Contaminated Material	7.80	
02 83 19 13-0093	SF		Demolish >100 To 500 SF Gypsum Wall Board, Lead Contaminated Material	5.61	
02 83 19 13-0094	SF		Demolish >500 To 2,500 SF Gypsum Wall Board, Lead Contaminated Material	4.40	
02 83 19 13-0095	SF		Demolish >2,500 SF Gypsum Wall Board, Lead Contaminated Material	3.42	
02 83 19 13-0096	SF		Demolish Up To 100 SF Plaster/Stucco, Lead Contaminated Material	24.40	
02 83 19 13-0097	SF		Demolish >100 To 500 SF Plaster/Stucco, Lead Contaminated Material	17.35	
02 83 19 13-0098	SF		Demolish >500 To 2,500 SF Plaster/Stucco, Lead Contaminated Material	13.02	
02 83 19 13-0099	SF		Demolish >2,500 To 10,000 SF Plaster/Stucco, Lead Contaminated Material	9.77	
02 83 19 13-0100	SF		Demolish Suspended Ceiling System And Tile, Lead Contaminated Material	1.55	
02 83 19 13-0101	SF		Demolish Acoustical Ceiling Tile, Lead Contaminated Material	0.99	
02 83 19 13-0102	SF		Demolish Metal Pan Grid System, Lead Contaminated Material	1.54	
02 83 19 13-0103	EA		Demolish Ceiling And Recessed Light Fixtures, Lead Contaminated Material	74.33	
02 83 19 13-0104	EA		Demolish >2' x 4' Light Fixtures, Lead Contaminated Material	98.60	
02 83 19 13-0105	SF		Demolish Non-Load Bearing Partitions Of Plaster Or Stucco, Lath And Studs, Lead Contaminated Material	11.01	
02 83 19 13-0106	SF		Demolish Non-Load Bearing Partitions Of Gypsum Board And Studs, Lead Contaminated Material	6.17	
02 83 19 13-0107	SF		Demolish Brick, Lead Contaminated Material	4.64	
02 83 19 13-0108	SF		Demolish Concrete Block, Lead Contaminated Material	5.98	
02 83 19 13-0109	SF		Demolish Tile, Lead Contaminated Material	4.50	
02 83 19 13-0110	SF		Demolish Up To 6" Concrete, Lead Contaminated Material	6.77	
02 83 19 13-0111	IN		Drilling, Up To 1/2" Diameter In Lead Paint/Asbestos Material Per Inch Of Depth	5.26	
02 83 19 13-0112	IN		Drilling, >1/2" To 1" Diameter In Lead Paint/Asbestos Material Per Inch Of Depth	7.01	
02 83 19 13-0113	LF		Demolish Wood Balustrades And Railings, Lead Contaminated Material	7.71	

02 Existing Conditions**02 80 Facility Remediation****02 83 Lead Remediation**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

02 83 19 13-0114	LF	Demolish Up To 6" Wide Baseboard, Lead Contaminated Material.....	2.00
02 83 19 13-0115	LF	Demolish >6" To 12" Wide Baseboard, Lead Contaminated Material.....	2.51
02 83 19 13-0116	LF	Demolish Base Shoe Molding, Lead Contaminated Material.....	1.64
02 83 19 13-0117	SF	Demolish Concrete, Lead Contaminated Material.....	15.34
02 83 19 13-0118	LF	Demolish Cabinets, Lead Contaminated Material.....	35.72
02 83 19 13-0119	SF	Demolish Ceilings, Gypsum Board, Lead Contaminated Material.....	2.02
02 83 19 13-0120	SF	Demolish Up To 12" Diameter Columns, Lead Contaminated Material.....	19.78
02 83 19 13-0121	SF	Demolish Cornice, Lead Contaminated Material.....	2.63
02 83 19 13-0122	EA	Demolish Doors, Lead Contaminated Material.....	77.47
02 83 19 13-0123	LF	Demolish Door And Window Trim Or Frames, Lead Contaminated Material.....	2.36
02 83 19 13-0124	EA	Demolish Electrical Devices, Lead Contaminated Material.....	23.77
02 83 19 13-0125	LF	Demolish Up To 1" Diameter Electrical Conduit, Lead Contaminated Material.....	3.05
02 83 19 13-0126	LF	Demolish >1" To 2" Diameter Electrical Conduit, Lead Contaminated Material.....	5.08
02 83 19 13-0127	SF	Demolish Wood Floors, Lead Contaminated Material.....	3.66
02 83 19 13-0128	SF	Demolish Grilles, Lead Contaminated Material.....	4.30
02 83 19 13-0129	EA	Demolish Hinges, Lead Contaminated Material.....	8.64
02 83 19 13-0130	EA	Demolish Up To 6" Diameter Hangers, Lead Contaminated Material.....	18.57
02 83 19 13-0131	LF	Demolish Up To 2" Diameter Pipes, Lead Contaminated Material.....	7.62
02 83 19 13-0132	LF	Demolish >2" To 4" Diameter Pipes, Lead Contaminated Material.....	11.11
02 83 19 13-0133	LF	Demolish >4" To 8" Diameter Pipes, Lead Contaminated Material.....	16.78
02 83 19 13-0134	EA	Demolish >8" To 12" Diameter Pipes, Lead Contaminated Material.....	30.96
02 83 19 13-0135	EA	Demolish Radiators, Lead Contaminated Material.....	133.71
02 83 19 13-0136	EA	Demolish Shutters, Lead Contaminated Material.....	52.10
02 83 19 13-0137	SF	Demolish Siding, Lead Contaminated Material.....	2.07
02 83 19 13-0138	SF	Demolish Soffit, Lead Contaminated Material.....	1.76
02 83 19 13-0139	SF	Demolish Flat Steel Surfaces, Lead Contaminated Material.....	4.81
02 83 19 13-0140	SF	Demolish Steel Beams, Lead Contaminated Material.....	5.67
02 83 19 13-0141	SF	Demolish Trusses, Lead Contaminated Material.....	7.44
02 83 19 13-0142	SF	Demolish Walls, Wood, Lead Contaminated Material.....	5.51
02 83 19 13-0143	SF	Demolish Windows, Lead Contaminated Material.....	18.50
02 83 19 13-0144	SF	Demolish Metal Stair, Lead Contaminated Material.....	8.85
02 83 19 13-0145	LF	Demolish Single Metal Hand Rail, Lead Contaminated Material.....	6.50
02 83 19 13-0146	LF	Demolish Metal Railing And Posts, Lead Contaminated Material.....	10.63
02 83 19 13-0147	SF	Demolish Metal Picket Fence, Lead Contaminated Material.....	2.93
02 83 19 13-0148	SF	Demolish Plywood, Lead Contaminated Material.....	7.99
02 83 19 13-0149	SF	Demolish Planks (Various Sizes), Lead Contaminated Material.....	3.90
02 83 19 13-0150	EA	Demolish Metal Brackets Or Other Small Metal Shapes, Lead Contaminated Material.....	24.40
02 83 19 13-0151	SF	Demolish Ceramic Tile Block, Lead Contaminated Material.....	5.33
02 83 19 13-0152	LF	Demolish Metal Guard Rails, Lead Contaminated Material.....	14.64
02 83 19 13-0153	LF	Demolish Roof Metal Trim, Lead Contaminated Material.....	3.13
02 83 19 13-0154	LF	Demolish Rain Gutters, Lead Contaminated Material.....	5.37
02 83 19 13-0155	LF	Demolish Downspouts, Lead Contaminated Material.....	4.40
02 83 19 13-0156	SF	Demolish Corrugated Metal Roofing, Lead Contaminated Material.....	5.41
02 83 19 13-0157	LF	Demolish Roof Metal Flashing, Lead Contaminated Material.....	3.13
02 83 19 13-0158	LF	Demolish Fascia Board Up To 12", Lead Contaminated Material.....	7.80

02 83 19 13-0159 Wet Sanding/Light Scraping Of Lead Contaminated Material (02 83 19 13)

Note: Remove loose, flaking lead-based paint to prepare for painting.

02 83 19 13-0160	SF	Wet Sand/Scrape Of Lead Contaminated Material To Prepare For Painting.....	3.71

02 83 19 13-0161 Mechanical Stripping Of Lead Contaminated Material (02 83 19 13)

Note: Includes heat gun (where required) for follow up, waste handling, packing and all personnel blood work, lab test fees and monitoring.

02 83 19 13-0162	SF	Grind Flat Steel Surfaces, Mechanical Stripping Of Lead Contaminated Material.....	20.52

02 83 19 13-0163 Lead Abatement Encapsulation (02 83 19 13)

Note: Can also be used for asbestos contaminated encapsulation. Spray applied application unless task described otherwise.

02 83 19 13-0164	SF	Balustrades, Lead Abatement Encapsulation.....	6.72
02 83 19 13-0165	LF	Up To 6" Wide, Baseboard, Lead Abatement Encapsulation.....	6.67
02 83 19 13-0166	LF	>6" To 12" Wide, Baseboard, Lead Abatement Encapsulation.....	9.05
02 83 19 13-0167	SF	Brick, Concrete Block, Concrete, Lead Abatement Encapsulation.....	4.32
02 83 19 13-0168	SF	Ornate Cabinets, Lead Abatement Encapsulation.....	9.74
02 83 19 13-0169	SF	Simple Design Cabinets, Lead Abatement Encapsulation.....	7.93
02 83 19 13-0170	SF	Drywall Ceilings, Lead Abatement Encapsulation.....	2.70
02 83 19 13-0171	SF	Wood Ceilings, Lead Abatement Encapsulation.....	3.28
02 83 19 13-0172	SF	Acoustical And Popcorn Ceilings, Lead Abatement Encapsulation.....	3.04
02 83 19 13-0173	SF	Columns, Lead Abatement Encapsulation.....	5.22
02 83 19 13-0174	SF	Doors, Lead Abatement Encapsulation.....	9.97
02 83 19 13-0175	LF	Up To 2" Electrical Conduit, Lead Abatement Encapsulation.....	4.40
02 83 19 13-0176	SF	Picket Fence (Brush), Lead Abatement Encapsulation.....	3.11
02 83 19 13-0177	SF	Wood Floors (Roller), Lead Abatement Encapsulation.....	2.60
02 83 19 13-0178	SF	Grilles, Vents, Lead Abatement Encapsulation.....	7.26
02 83 19 13-0179	LF	Gutters And Downspouts, Lead Abatement Encapsulation.....	6.72
02 83 19 13-0180	EA	Hangers, Lead Abatement Encapsulation.....	57.39
02 83 19 13-0181	LF	Up To 4" Diameter Pipe (Brush), Lead Abatement Encapsulation.....	4.08
02 83 19 13-0182	LF	>4" To 8" Diameter Pipe (Brush), Lead Abatement Encapsulation.....	5.88
02 83 19 13-0183	LF	>8" To 12" Diameter Pipe (Brush), Lead Abatement Encapsulation.....	9.09



Existing Conditions			02
Facility Remediation			02 80
Lead Remediation			02 83

MINOR CSI UOM DESCRIPTION			TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 83 19 13-0184	LF	>12" To 16" Diameter Pipe (Brush), Lead Abatement Encapsulation	13.42	
02 83 19 13-0185	EA	Radiators, Lead Abatement Encapsulation	147.81	
02 83 19 13-0186	EA	Up To 6" Shutters, Lead Abatement Encapsulation	211.96	
02 83 19 13-0187	SF	Siding, Lead Abatement Encapsulation	3.71	
02 83 19 13-0188	SF	Up To 12" Soffit, Lead Abatement Encapsulation	5.22	
02 83 19 13-0189	SF	Steel, Flat Surfaces And Tanks Up To 12', Lead Abatement Encapsulation	4.32	
02 83 19 13-0190	SF	Steel Beams And Metal Decks, Lead Abatement Encapsulation	5.65	
02 83 19 13-0191	SF	Trusses, Lead Abatement Encapsulation	5.65	
02 83 19 13-0192	SF	Drywall Walls, Lead Abatement Encapsulation	2.40	
02 83 19 13-0193	SF	Wood Walls, Lead Abatement Encapsulation	2.96	
02 83 19 13-0194	EA	Window Without Grille, Lead Abatement Encapsulation	125.07	
02 83 19 13-0195	EA	Window With Grille, Lead Abatement Encapsulation	160.88	
02 83 19 13-0196	LF	Wood Door Frames And Trim, Lead Abatement Encapsulation	3.85	
02 83 19 13-0197	LF	Steel Lintels, Lead Abatement Encapsulation	4.42	
02 83 19 13-0198	LF	Wood Fascia Boards, Lead Abatement Encapsulation	1.74	
02 83 19 13-0199	SF	Wood Eaves, Lead Abatement Encapsulation	1.74	
02 83 19 13-0200	LF	Wood Window Sill, Lead Abatement Encapsulation	3.52	
02 83 19 13-0201	LF	Wood Window Sash, Lead Abatement Encapsulation	4.52	
02 83 19 13-0202	LF	Wood Window Jamb And Trim, Lead Abatement Encapsulation	6.33	
02 83 19 13-0203	LF	Wood Doorway Threshold, Lead Abatement Encapsulation	4.24	
02 83 19 13-0204	LF	Up To 6" Wide, Crown Molding (Simple), Lead Abatement Encapsulation	6.67	
02 83 19 13-0205	LF	>6" To 12" Wide, Crown Molding (Simple), Lead Abatement Encapsulation	9.05	
02 83 19 13-0206	LF	Up To 6" Wide, Crown Molding (Ornate), Lead Abatement Encapsulation	8.29	
02 83 19 13-0207	LF	>6" To 12" Wide, Crown Molding (Ornate), Lead Abatement Encapsulation	11.20	
02 83 19 13-0208		Removal By Heat Gun Of Lead Contaminated Material (02 83 19 13) Note: Remove of multi-layers of paint down to substrate		
02 83 19 13-0209	SF	Scrape And Removal Per Layer Of Multi-layers Of Paint With Heat Gun	7.23	
02 83 33		Removal and Disposal of Material Containing Lead (02 83)		
02 83 33 13		Lead-Based Paint Removal and Disposal (02 83 33)		
02 83 33 13-0001		Remove Loose Dirt And Debris Containing Lead (02 83 33 13)		
02 83 33 13-0002	SF	High Efficiency Particulate Air (HEPA) Vacuum And Wet Cleaning Of Lead Contaminated Area With Mild Detergent	0.31	
02 83 33 13-0003	SF	High Efficiency Particulate Air (HEPA) Vacuum And Wet Cleaning Of Lead Contaminated Area With Tri-Sodium Phosphate	0.30	
02 83 33 13-0004	SF	High Efficiency Particulate Air (HEPA) Vacuum And Shampoo Cleaning Of Lead Contaminated Carpeting	1.54	
02 84		Polychlorinated Biphenyl Remediation (02 80)		
02 84 16		Handling of Lighting Ballasts and Lamps Containing PBCs and Mercury (02 84)		
02 84 16 00-0001		Removal Of TSCA-Exempt PCB And Non-PCB Ballasts From Demolished Fixtures (02 84 16) Note: Includes removal of TSCA-exempt PCB and Non-PCB ballast from demolished lighting fixture and placing ballast in an approved container for recycling.		
02 84 16 00-0002	EA	Removal Of TSCA-Exempt Polychlorinated Biphenyl (PCB) And Non-PCB Ballast From A Demolished Fixture For Recycling	9.86	
02 84 16 00-0003		Recycle TSCA-Exempt PCB And Non-PCB Ballasts (02 84 16) Note: Non-leaking ballasts. Includes containers, shipping costs and recycling fees. Excludes ballast removal.		
02 84 16 00-0004	EA	Recycle Non-Polychlorinated Biphenyl (PCB) Ballast Removed From Up To 4' Length Fixtures	3.21	
02 84 16 00-0005	EA	Recycle Non-Polychlorinated Biphenyl (PCB) Ballast Removed From >4' To 8' Length Fixtures	4.09	
02 84 16 00-0006	EA	Recycle TSCA-Exempt Polychlorinated Biphenyl (PCB) Ballast Removed From Up To 4' Length Fixtures	9.67	
02 84 16 00-0007	EA	Recycle TSCA-Exempt Polychlorinated Biphenyl (PCB) Ballast Removed From >4' To 8' Length Fixtures	20.23	
02 84 16 00-0008		Disposal Of Leaking PCB And Non-PCB Ballasts (02 84 16) Note: Disposal at an EPA approved facility. Includes containers, shipping costs and disposal fees. Excludes ballast removal.		
02 84 16 00-0009	EA	Dispose Of Leaking Non-Polychlorinated Biphenyl (PCB) Ballast Removed From Up To 4' Length Fixtures	5.85	
02 84 16 00-0010	EA	Dispose Of Leaking Non-Polychlorinated Biphenyl (PCB) Ballast Removed From >4' To 8' Length Fixtures	8.05	
02 84 16 00-0011	EA	Dispose Of Leaking Polychlorinated Biphenyl (PCB) Ballast Removed From Up To 4' Length Fixtures	24.85	
02 84 16 00-0012	EA	Dispose Of Leaking Polychlorinated Biphenyl (PCB) Ballast Removed From >4' To 8' Length Fixtures	48.25	
02 84 33		Removal and Disposal of Polychlorinated Biphenyls (02 84)		
02 84 33 00-0001		Removal And Disposal Of Polychlorinated Biphenyls Oil Filled Transformers (02 84 33) Note: Includes disposal in approved container, rigging, manifesting, hauling, etc.		
02 84 33 00-0002	EA	Removal And Disposal Of Transformers 2.5/3.5 KVA, Non-Polychlorinated Biphenyl (PCB)	5,242.77	
02 84 33 00-0003	EA	Removal And Disposal Of Transformers 20 KVA, Non-Polychlorinated Biphenyl (PCB)	8,276.02	
02 84 33 00-0004	EA	Removal And Disposal Of Switch, Non-Polychlorinated Biphenyl (PCB)	2,175.21	

02 Existing Conditions**02 80 Facility Remediation****02 84 Polychlorinated Biphenyl Remediation**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

02 84 33 00-0005	EA	Removal And Disposal Of Transformers 2.5/3.5 KVA, Polychlorinated Biphenyl (PCB).....	10,064.10
		Note: Includes disposal costs.	
02 84 33 00-0006	EA	Removal And Disposal Of Switch, Polychlorinated Biphenyl (PCB)	3,922.87
02 84 33 00-0007	EA	Removal And Disposal Of Transformers 20 KVA, Polychlorinated Biphenyl (PCB).....	15,933.89
		Note: Includes disposal costs.	

02 86 Hazardous Waste Drum Handling (02 80)**02 86 00 00-0001 Hazardous Waste Packaging** (02 86)**02 86 00 00-0002 Overpacks** (02 86 00 00-0001)**02 86 00 00-0003 Steel Salvage Drums, 16 Gauge** (02 86 00 00-0002)

02 86 00 00-0004	EA	110 Gallon, 30" Diameter X 41" High.....	594.79
02 86 00 00-0005	EA	85 Gallon, 26" Diameter X 38" High.....	338.57
02 86 00 00-0006	EA	83 Gallon, 26" Diameter X 36" High.....	326.77
02 86 00 00-0007	EA	55 Gallon, DOT 17C, 18" Diameter X 34" High.....	204.44
02 86 00 00-0008	EA	30 Gallon, DOT 17C, 18" Diameter X 28" High.....	161.05
02 86 00 00-0009	EA	22 Gallon, 16" Diameter X 25" High.....	108.51
02 86 00 00-0010	EA	15 Gallon, DOT 17C, 14" Diameter X 24" High.....	98.10
02 86 00 00-0011	EA	10 Gallon, 13.8" Diameter X 15" High.....	86.45

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

02 86 00 00-0013	EA	95 Gallon, DOT E9618, Twist On Lid 31" Diameter X 41" High	671.85
02 86 00 00-0014	EA	20 Gallon, Labpack, Twist On Lid 21" Diameter X 7.5" High	124.16
02 86 00 00-0015	EA	85 Gallon, DOT E9775, Clamp Ring Lid, 27" Diameter X 41" High	607.94

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

02 86 00 00-0017	EA	55 Gal, DOT 17C, Steel Drum Nested With 2-20 Gallon Fiber Drums.....	329.90
02 86 00 00-0018	EA	55 Gal, DOT 17C, Steel Drum Nested With 4-10 Gallon Fiber Drums.....	452.71
02 86 00 00-0019	EA	85 Gal, 16 Gauge Salvage Drum Nested With 3-20 Gallon Fiber Drums	614.05

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

02 86 00 00-0021	EA	32 Oz Bottle, Carton, Insert, Can, Poly Bag And Tape -E9168.....	59.32
02 86 00 00-0022	EA	950 cc Bottle, Carton, Insert, Can, Poly Bag And Tape -E9168.....	62.58
02 86 00 00-0023	EA	500 cc Bottle, Carton, Insert, Can, Poly Bag And Tape -E9168.....	61.18
02 86 00 00-0024	EA	250 cc Bottle, Carton, Insert, Can, Poly Bag And Tape -E9168.....	30.29
02 86 00 00-0025	EA	Can, Carton, Insert, Tape - Corrosive And Flammable - UPS	17.68
02 86 00 00-0026	EA	16 Oz Bottle, Carton, Insert And Tape, Sludge/Viscous, UPS	13.67
02 86 00 00-0027	EA	32 Oz Bottle, Carton, Insert And Tape, Sludge/Viscous, UPS	17.78

02 86 00 00-0028 Steel Drums (02 86 00 00-0001)**02 86 00 00-0029 UN Rated Steel Drums** (02 86 00 00-0028)

02 86 00 00-0030	EA	UN 1A2/X 320/S 55 Gallon, Open, 16 Gauge, Steel Drum	228.78
02 86 00 00-0031	EA	55 Gallon Stainless Steel DOT 17E Ch 18-Gauge Drum (10-24)	1,113.58
02 86 00 00-0032	EA	55 Gallon Reconditioned Steel 17h Drum (50+)	108.36
02 86 00 00-0033	EA	8 Gallon, 17C, Open, Steel Drum	110.77
02 86 00 00-0034	EA	55 Gallon Stainless Steel DOT 5C Seamless Oh Drum 16-Gauge (25-49)	1,380.00
02 86 00 00-0035	EA	55 Gallon Stainless Steel DOT 5C Seamless Oh Drum 16-Gauge (50+)	1,308.15
02 86 00 00-0036	EA	55 Gallon Stainless Steel DOT 5C Ch Seamless Drum 16-Gauge (10-24)	1,598.52
02 86 00 00-0037	EA	55 Gallon Stainless Steel DOT 17E Ch 18-Gauge Drum (25-49)	1,092.62
02 86 00 00-0038	EA	UN 1A2/X 320/S 55 Gallon, Closed, 16 Gauge, Steel Drum	216.23
02 86 00 00-0039	EA	UN 1A2/Y 1.4/100 55 Gallon, Open, 16 Gauge, Steel Drum	175.33
02 86 00 00-0040	EA	55 Gallon Stainless Steel DOT 17E Ch 18-Gauge Drum (50+)	984.86
02 86 00 00-0041	EA	55 Gallon Stainless Steel DOT 5C Ch Seamless Drum 16-Gauge (25-49)	1,568.59
02 86 00 00-0042	EA	55 Gallon Stainless Steel DOT 5C Oh 16-Gauge Drum (1-9).....	1,445.85
02 86 00 00-0043	EA	55 Gallon Stainless Steel DOT 5C Ch Seamless Drum 16-Gauge (50+)	1,412.93
02 86 00 00-0044	EA	55 Gallon Stainless Steel DOT 5C Oh 16-Gauge Drum (10-24).....	1,418.91
02 86 00 00-0045	EA	UN 1A2/Y 1.4/100 55 Gallon, Closed, 16 Gauge, Steel Drum	138.17
02 86 00 00-0046	EA	30 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (1-9).....	927.98
02 86 00 00-0047	EA	UN 1A2/X 160/S 30 Gallon, Open, 18 Gauge, Steel Drum	160.17
02 86 00 00-0048	EA	55 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (1-9).....	1,508.72
02 86 00 00-0049	EA	30 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (10-24).....	892.06
02 86 00 00-0050	EA	55 Gallon Stainless Steel DOT 5C Oh 16-Gauge Drum (25-49).....	1,278.22
02 86 00 00-0051	EA	30 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (25-49).....	853.14
02 86 00 00-0052	EA	55 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (10-24).....	1,472.80
02 86 00 00-0053	EA	UN 1A2/Y 1.4/100 30 Gallon, Open, 18 Gauge, Steel Drum	136.15
02 86 00 00-0054	EA	55 Gallon Stainless Steel DOT 5C Oh 16-Gauge Drum (50+).....	1,212.36
02 86 00 00-0055	EA	55 Gallon Reconditioned Steel 17h Drum (1-9).....	158.93
02 86 00 00-0056	EA	30 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (50+).....	823.21
02 86 00 00-0057	EA	55 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (25-49).....	1,445.85
02 86 00 00-0058	EA	30 Gallon, 17E, Open, Steel Drum	98.77
02 86 00 00-0059	EA	55 Gallon Reconditioned Steel 17h Drum (10-24)	140.87
02 86 00 00-0060	EA	20 Gallon, 17C, Open, Steel Drum	138.82
02 86 00 00-0061	EA	55 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (50+).....	1,302.17



Existing Conditions			02
Facility Remediation			02 80
Hazardous Waste Drum Handling			02 86

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 86 00 00-0062	EA		55 Gallon Stainless Steel DOT 5C Seamless Oh Drum 16-Gauge (1-9).....	1,559.61	
02 86 00 00-0063	EA		55 Gallon Stainless Steel DOT 17E Ch 18-Gauge Drum (1-9).....	1,140.52	
02 86 00 00-0064	EA		55 Gallon Reconditioned Steel 17h Drum (25-49).....	122.81	
02 86 00 00-0065	EA		20 Gallon, 17E, Open, Steel Drum.....	93.43	
02 86 00 00-0066	EA		55 Gallon Stainless Steel DOT 5C Seamless Oh Drum 16-Gauge (10-24).....	1,529.67	
02 86 00 00-0067			Plastic Drums (02 86 00 00-0001)		
02 86 00 00-0068			Polyethylene Closed Head Drums (02 86 00 00-0067)		
			Note: Closed head drums have standard NPS (National Pipe Standard) plug and drain vents. Primarily for liquids.		
02 86 00 00-0069	EA		55 Gallon Polyethylene Closed Head Drums.....	143.62	
02 86 00 00-0070	EA		35 Gallon Polyethylene Closed Head Drums.....	110.25	
02 86 00 00-0071	EA		30 Gallon Polyethylene Closed Head Drums.....	100.11	
02 86 00 00-0072	EA		20 Gallon Polyethylene Closed Head Drums.....	69.94	
02 86 00 00-0073	EA		15 Gallon Polyethylene Closed Head Drums.....	68.61	
02 86 00 00-0074			Polyethylene Open Head Drums (02 86 00 00-0067)		
			Note: Open head drums are primarily used for solids and sludge.		
02 86 00 00-0075	EA		55 Gallon Polyethylene Open Head Drums.....	181.53	
02 86 00 00-0076	EA		35 Gallon Polyethylene Open Head Drums.....	133.48	
02 86 00 00-0077	EA		30 Gallon Polyethylene Open Head Drums.....	126.80	
02 86 00 00-0078	EA		20 Gallon Polyethylene Open Head Drums.....	93.43	
02 86 00 00-0079	EA		15 Gallon Polyethylene Open Head Drums.....	80.09	
02 86 00 00-0080			Fiber Drums (02 86 00 00-0001)		
02 86 00 00-0081			Steel Top/Fiber Bottom Drums, Hazardous (02 86 00 00-0080)		
			Note: Waste fiber drums have tubular rubber gaskets and caulked bottom seams.		
02 86 00 00-0082	EA		30 Gallon Fiber Drum DOT-21C (1-9).....	109.98	
02 86 00 00-0083	EA		30 Gallon Fiber Drum DOT-21C (10-24).....	103.04	
02 86 00 00-0084	EA		30 Gallon Fiber Drum DOT-21C (25-49).....	93.97	
02 86 00 00-0085	EA		30 Gallon Fiber Drum DOT-21C (50+).....	92.90	
02 86 00 00-0086	EA		55 Gallon Fiber Drum DOT-21C (1-9).....	113.19	
02 86 00 00-0087	EA		55 Gallon Fiber Drum DOT-21C (10-24).....	106.78	
02 86 00 00-0088	EA		55 Gallon Fiber Drum DOT-21C (25-49).....	98.77	
02 86 00 00-0089	EA		55 Gallon Fiber Drum DOT-21C (50-99).....	95.57	
02 86 00 00-0090	EA		55 Gallon Fiber Drum DOT-21C (100+).....	82.76	
02 86 00 00-0091	EA		10 Gallon, 20" Diameter, DOT 21C-250 Polyethylene/Polyester Lined.....	70.48	
02 86 00 00-0092	EA		20 Gallon, 20" Diameter, DOT 21C-250 Polyethylene/Polyester Lined.....	76.88	
02 86 00 00-0093	EA		20 Gallon, 23" Diameter, DOT 21C-250 Polyethylene/Polyester Lined.....	89.70	
02 86 00 00-0094			Loading Hazardous Waste For Shipment (02 86 00 00-0001)		
02 86 00 00-0095	EA		Load Drums On Disposal Truck.....	11.93	
02 86 00 00-0096	EA		Load Liquid Or Sludge Into 5,000 Gallon Bulk Tank Truck.....	1,263.65	
02 86 00 00-0097			Transport Drums To Landfill (02 86 00 00-0001)		
			Note: Includes transportation for up to 25 miles.		
02 86 00 00-0098	EA		Transport Drum To Landfill.....	99.31	
			Note: Includes transportation for up to 25 miles.		
02 87			Bio-Hazard Material Remediation (02 80)		
02 87 13			Mold Remediation (02 87)		
			Note: All unit pricing in this section includes: materials, equipment, mobilization, preparation, removal, clean-up, vacuuming, transportation for up to 25 miles, disposal, monitoring (personnel and air), sampling/testing, fees, documentation and other associated costs necessary for the complete removal and disposal of mold in accordance with EPA, OSHA, IICRC standards and local regulations. Where types of Mold are listed by quantity, the quantity of the entire project, not a particular work area of building, is to be used in determining which tasks apply. For certain types of work, there is a task with a unit of measure of SET for a quantity of less than 100 LF or SF (Up to 25 LF for Mold Abatement pipe insulation), followed by a series of tasks for other quantities. For those tasks the contractor will be paid the first task with a unit of measure of EA, plus an additional task to arrive at the appropriate quantity for the project. See CSI section 01 56 16 00-0039 for temporary stud walls, 01 74 19 00-0048 for hauling in excess of 25 miles to transfer or disposal site, 02 89 00 00-0003 for plastic sheeting for containment construction, 02 89 00 00-0020 for decontamination chambers.		
02 87 13 33			Removal and Disposal of Materials with Mold (02 87 13)		
02 87 13 33-0001			Pipe And Pipe Fittings Insulation, Mold Abatement And Disposal (02 87 13 33)		
			Note: Treat fittings as additional lf of insulation.		
02 87 13 33-0002			Pipe Insulation, Mold Abatement And Disposal (02 87 13 33-0001)		
			Note: Diameter is outer size of insulation.		
02 87 13 33-0003			Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal (02 87 13 33-0002)		
			Note: Excludes encased fittings.		
02 87 13 33-0004	SET		Up To 20 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal.....	871.02	
02 87 13 33-0005	LF		>20 To 250 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal.....	33.78	
02 87 13 33-0006	LF		>250 To 500 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal.....	25.45	
02 87 13 33-0007	LF		>500 To 2,500 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal.....	19.20	

02 Existing Conditions**02 80 Facility Remediation****02 87 Bio-Hazard Material Remediation**

MINOR CSI UOM DESCRIPTION			TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 87 13 33-0008	LF	>2,500 To 10,000 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal.....	14.50	
02 87 13 33-0009	LF	>10,000 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal.....	12.67	
02 87 13 33-0010		>6" Diameter Pipe Insulation, Mold Abatement And Disposal (02 87 13 33-0002)		
02 87 13 33-0011	SET	Up To 20 LF, >6" Diameter Pipe Insulation, Mold Abatement And Disposal.....	897.34	
02 87 13 33-0012	LF	>20 To 250 LF, >6" Diameter Pipe Insulation, Mold Abatement And Disposal.....	40.09	
02 87 13 33-0013	LF	>250 To 500 LF, >6" Diameter Pipe Insulation, Mold Abatement And Disposal.....	30.51	
02 87 13 33-0014	LF	>500 To 2,500 LF, >6" Diameter Pipe Insulation, Mold Abatement And Disposal.....	23.31	
02 87 13 33-0015	LF	>2,500 To 10,000 LF, >6" Diameter Pipe Insulation, Mold Abatement And Disposal.....	17.93	
02 87 13 33-0016	LF	>10,000 LF, >6" Diameter Pipe Insulation, Mold Abatement And Disposal.....	15.82	
02 87 13 33-0017		Thermal Insulation, Mold Abatement And Disposal (02 87 13 33)		
02 87 13 33-0018		Other Thermal Insulation, Up To 3" Thick, Mold Abatement And Disposal (02 87 13 33-0017)		
02 87 13 33-0019	SET	Up To 50 SF, Up To 3" Thick Thermal Insulation, Mold Abatement And Disposal.....	884.18	
02 87 13 33-0020	SF	>50 To 500 SF, Up To 3" Thick Thermal Insulation, Mold Abatement And Disposal.....	19.60	
02 87 13 33-0021	SF	>500 To 2,500 SF, Up To 3" Thick Thermal Insulation, Mold Abatement And Disposal.....	14.81	
02 87 13 33-0022	SF	>2,500 To 10,000 SF, Up To 3" Thick Other Thermal Insulation, Mold Abatement And Disposal.....	11.22	
02 87 13 33-0023	SF	>10,000 SF, Up To 3" Thick Thermal Insulation, Mold Abatement And Disposal.....	8.70	
02 87 13 33-0024		Surfacing Material, Mold Abatement And Disposal (02 87 13 33)		
		Note: e.g. fireproofing, acoustical plaster, etc.		
02 87 13 33-0025		Stucco, Mold Abatement And Disposal (02 87 13 33-0024)		
		Note: Remove surface coat from brown coat or remove entire assembly, including lath.		
02 87 13 33-0026	SET	Up To 50 SF, Stucco, Mold Abatement And Disposal.....	876.87	
02 87 13 33-0027	SF	>50 To 500 SF, Stucco, Mold Abatement And Disposal.....	19.45	
02 87 13 33-0028	SF	>500 To 2,500 SF, Stucco, Mold Abatement And Disposal.....	14.66	
02 87 13 33-0029	SF	>2,500 To 10,000 SF, Stucco, Mold Abatement And Disposal.....	11.07	
02 87 13 33-0030	SF	>10,000 SF, Stucco, Mold Abatement And Disposal.....	8.40	
02 87 13 33-0031		Acoustical Plaster, Mold Abatement And Disposal (02 87 13 33-0024)		
		Note: Remove surface coat from brown coat or remove entire assembly, including lath.		
02 87 13 33-0032	SET	Up To 50 SF, Acoustical Plaster, Mold Abatement And Disposal.....	876.87	
02 87 13 33-0033	SF	>50 To 500 SF, Acoustical Plaster, Mold Abatement And Disposal.....	19.45	
02 87 13 33-0034	SF	>500 To 2,500 SF, Acoustical Plaster, Mold Abatement And Disposal.....	14.66	
02 87 13 33-0035	SF	>2,500 To 10,000 SF, Acoustical Plaster, Mold Abatement And Disposal.....	11.07	
02 87 13 33-0036	SF	>10,000 SF, Acoustical Plaster, Mold Abatement And Disposal.....	8.40	
02 87 13 33-0037		Gypsum Board, Mold Abatement And Disposal (02 87 13 33-0024)		
02 87 13 33-0038	SET	Up To 100 SF, Gypsum Board, Mold Abatement And Disposal.....	891.50	
02 87 13 33-0039	SF	>100 To 500 SF, Gypsum Board, Mold Abatement And Disposal.....	6.49	
02 87 13 33-0040	SF	>500 To 2,500 SF, Gypsum Board, Mold Abatement And Disposal.....	5.14	
02 87 13 33-0041	SF	>2,500 To 10,000 SF, Gypsum Board, Mold Abatement And Disposal.....	4.06	
02 87 13 33-0042	SF	>10,000 SF, Gypsum Board, Mold Abatement And Disposal.....	2.99	
02 87 13 33-0043		Fireproofing, Mold Abatement And Disposal (02 87 13 33-0024)		
		Note: Exposed surface area, includes associated overspray.		
02 87 13 33-0044	SET	Up To 50 SF, Fireproofing, Mold Abatement And Disposal.....	884.18	
02 87 13 33-0045	SF	>50 To 500 SF, Fireproofing, Mold Abatement And Disposal.....	26.85	
02 87 13 33-0046	SF	>500 To 2,500 SF, Fireproofing, Mold Abatement And Disposal.....	20.27	
02 87 13 33-0047	SF	>2,500 To 10,000 SF, Fireproofing, Mold Abatement And Disposal.....	15.32	
02 87 13 33-0048	SF	>10,000 SF, Fireproofing, Mold Abatement And Disposal.....	11.60	
02 87 13 33-0049		Flooring, Mold Abatement And Disposal (02 87 13 33)		
		Note: Includes cove base.		
02 87 13 33-0050		Floor Tile Or Linoleum, Mold Abatement And Disposal (02 87 13 33-0049)		
02 87 13 33-0051		Floor Tile Or Linoleum, Mold Abatement And Disposal (02 87 13 33-0050)		
		Note: Single layer or first of multiple layers.		
02 87 13 33-0052	SET	Up To 100 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Mold Abatement And Disposal.....	891.50	
02 87 13 33-0053	SF	>100 To 500 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Mold Abatement And Disposal.....	6.45	
		For Each Additional Layer, Add	1.61	
02 87 13 33-0054	SF	>500 To 2,500 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Mold Abatement And Disposal.....	3.61	
		For Each Additional Layer, Add	0.90	
02 87 13 33-0055	SF	>2,500 To 10,000 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Mold Abatement And Disposal.....	2.09	
		For Each Additional Layer, Add	0.52	
02 87 13 33-0056	SF	>10,000 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Mold Abatement And Disposal.....	1.62	
		For Each Additional Layer, Add	0.41	
02 87 13 33-0057		Carpet, Mold Abatement And Disposal (02 87 13 33-0049)		



Existing Conditions		02
Facility Remediation		02 80
Bio-Hazard Material Remediation		02 87

MINOR		TOTAL DIRECT		DEMOLITION
CSI UOM DESCRIPTION		UNIT COST		UNIT COST
02 87 13 33-0058 Carpet, Glue Down, Mold Abatement And Disposal (02 87 13 33-0057)				
02 87 13 33-0059	SET	Up To 100 SF, Carpet, Glue Down, Mold Abatement And Disposal	891.50	
02 87 13 33-0060	SF	>100 To 500 SF, Carpet, Glue Down, Mold Abatement And Disposal	5.36	
02 87 13 33-0061	SF	>500 To 2,500 SF, Carpet, Glue Down, Mold Abatement And Disposal	3.37	
02 87 13 33-0062	SF	>2,500 To 10,000 SF, Carpet, Glue Down, Mold Abatement And Disposal	2.25	
02 87 13 33-0063	SF	>10,000 SF, Carpet, Glue Down, Mold Abatement And Disposal	1.72	
02 87 13 33-0064 Carpet, Padded With Tack Strips, Mold Abatement And Disposal (02 87 13 33-0057)				
02 87 13 33-0065	SET	Up To 100 SF, Carpet And Pad, Mold Abatement And Disposal Note: Includes tack strips.	891.50	
02 87 13 33-0066	SF	>100 To 500 SF, Carpet And Pad, Mold Abatement And Disposal Note: Includes tack strips.	6.04	
02 87 13 33-0067	SF	>500 To 2,500 SF, Carpet And Pad, Mold Abatement And Disposal Note: Includes tack strips.	4.39	
02 87 13 33-0068	SF	>2,500 To 10,000 SF, Carpet And Pad, Mold Abatement And Disposal Note: Includes tack strips.	3.48	
02 87 13 33-0069	SF	>10,000 SF, Carpet And Pad, Mold Abatement And Disposal Note: Includes tack strips.	2.68	
02 87 13 33-0070 Subflooring, Mold Abatement And Disposal (02 87 13 33-0049)				
02 87 13 33-0071	SET	Up To 75 SF, Subflooring, Mold Abatement And Disposal	884.18	
02 87 13 33-0072	SF	>75 To 500 SF, Subflooring, Mold Abatement And Disposal	7.42	
02 87 13 33-0073	SF	>500 To 2,500 SF, Subflooring, Mold Abatement And Disposal	4.74	
02 87 13 33-0074	SF	>2,500 To 10,000 SF, Subflooring, Mold Abatement And Disposal	2.86	
02 87 13 33-0075	SF	>10,000 SF, Subflooring, Mold Abatement And Disposal	1.83	
02 87 13 33-0076 Siding, Mold Abatement And Disposal (02 87 13 33)				
02 87 13 33-0077 Interior Paneling, Mold Abatement And Disposal (02 87 13 33-0076)				
Note: Includes detachment of mounted objects before removal.				
02 87 13 33-0078	SET	Up To 100 SF, Interior Paneling, Mold Abatement And Disposal Note: Includes detachment of mounted objects before removal.	891.50	
02 87 13 33-0079	SF	>100 To 500 SF, Interior Paneling, Mold Abatement And Disposal Note: Includes detachment of mounted objects before removal.	6.42	
02 87 13 33-0080	SF	>500 To 2,500 SF, Interior Paneling, Mold Abatement And Disposal Note: Includes detachment of mounted objects before removal.	4.52	
02 87 13 33-0081	SF	>2,500 To 10,000 SF, Interior Paneling, Mold Abatement And Disposal Note: Includes detachment of mounted objects before removal.	2.63	
02 87 13 33-0082	SF	>10,000 SF, Interior Paneling, Mold Abatement And Disposal Note: Includes detachment of mounted objects before removal.	2.01	
02 87 13 33-0083 Exterior Siding, Mold Abatement And Disposal (02 87 13 33-0076)				
02 87 13 33-0084	SET	Up To 100 SF, Exterior Siding Board, Mold Abatement And Disposal	891.50	
02 87 13 33-0085	SF	>100 To 500 SF, Exterior Siding Board, Mold Abatement And Disposal	7.98	
02 87 13 33-0086	SF	>500 To 2,500 SF, Exterior Siding Board, Mold Abatement And Disposal	5.55	
02 87 13 33-0087	SF	>2,500 To 10,000 SF, Exterior Siding Board, Mold Abatement And Disposal	3.74	
02 87 13 33-0088	SF	>10,000 SF, Exterior Siding Board, Mold Abatement And Disposal	3.37	
02 87 13 33-0089 Contaminated Debris, Mold Abatement And Disposal (02 87 13 33)				
02 87 13 33-0090 Contaminated Debris, Mold Abatement And Disposal (02 87 13 33-0089)				
02 87 13 33-0091	SET	Up To 20 CF, Contaminated Debris, Mold Abatement And Disposal	897.34	
02 87 13 33-0092	CF	>20 To 100 CF, Contaminated Debris, Mold Abatement And Disposal	31.57	
02 87 13 33-0093	CF	>100 To 250 CF, Contaminated Debris, Mold Abatement And Disposal	21.63	
02 87 13 33-0094	CF	>250 To 500 CF, Contaminated Debris, Mold Abatement And Disposal	16.66	
02 87 13 33-0095	CF	>500 To 2,500 CF, Contaminated Debris, Mold Abatement And Disposal	13.67	
02 87 13 33-0096	CF	>2,500 To 10,000 CF, Contaminated Debris, Mold Abatement And Disposal	8.26	
02 87 13 33-0097	CF	>10,000 CF, Contaminated Debris, Mold Abatement And Disposal	7.61	
02 87 13 33-0098 Other Mold Containing Materials, Mold Abatement And Disposal (02 87 13 33)				
02 87 13 33-0099 Wood Studs, Mold Abatement And Disposal (02 87 13 33-0098)				
Note: 2" x 4" or 2" x 6" exposed studs in walls. Excludes surfacing material.				
02 87 13 33-0100	SET	Up To 100 LF, Wood Studs, Mold Abatement And Disposal	445.74	
02 87 13 33-0101	LF	>100 To 500 LF, Wood Studs, Mold Abatement And Disposal	3.63	
02 87 13 33-0102	LF	>500 To 2,500 LF, Wood Studs, Mold Abatement And Disposal	2.70	
02 87 13 33-0103	LF	>2,500 To 10,000 LF, Wood Studs, Mold Abatement And Disposal	2.11	
02 87 13 33-0104	LF	>10,000 LF, Wood Studs, Mold Abatement And Disposal	1.60	
02 87 13 33-0105 Ceiling Tile, Mold Abatement And Disposal (02 87 13 33-0098)				
Note: e.g. grid, spline, or glued on; 12" x 12" to 2' x 4'.				
02 87 13 33-0106	SET	Up To 100 SF, Ceiling Tile, Mold Abatement And Disposal	891.50	
02 87 13 33-0107	SF	>100 To 1,000 SF, Ceiling Tile, Mold Abatement And Disposal	11.07	
02 87 13 33-0108	SF	>1,000 To 2,500 SF, Ceiling Tile, Mold Abatement And Disposal	5.20	

02 Existing Conditions**02 80 Facility Remediation****02 87 Bio-Hazard Material Remediation**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

02 87 13 33-0109	SF	>2,500 To 10,000 SF, Ceiling Tile, Mold Abatement And Disposal	3.74
02 87 13 33-0110	SF	>10,000 To 25,000 SF, Ceiling Tile, Mold Abatement And Disposal	3.68
02 87 13 33-0111	SF	>25,000 To 50,000 SF, Ceiling Tile, Mold Abatement And Disposal	3.61
02 87 13 33-0112	SF	>50,000 To 100,000 SF, Ceiling Tile, Mold Abatement And Disposal	3.16
02 87 13 33-0113	SF	>100,000 SF, Ceiling Tile, Mold Abatement And Disposal	2.76

02 87 13 33-0114 Caulking, Mold Abatement And Disposal (02 87 13 33-0098)

02 87 13 33-0115	SET	Up To 20 LF, Caulking, Mold Abatement And Disposal	216.04
02 87 13 33-0116	LF	>20 To 50 LF, Caulking, Mold Abatement And Disposal	4.33
02 87 13 33-0117	LF	>50 To 100 LF, Caulking, Mold Abatement And Disposal	3.10
02 87 13 33-0118	LF	>100 To 250 LF, Caulking, Mold Abatement And Disposal	2.35
02 87 13 33-0119	LF	>250 To 1,000 LF, Caulking, Mold Abatement And Disposal	1.74
02 87 13 33-0120	LF	>1,000 To 2,500 LF, Caulking, Mold Abatement And Disposal	1.41
02 87 13 33-0121	LF	>2,500 LF, Caulking, Mold Abatement And Disposal	1.22

02 87 13 33-0122 Wipe Down Walls, Ceilings And Floors (02 87 13 33-0098)

02 87 13 33-0123	CSF	Wipe Down Floors With Mild Bleach Solution	23.97
		For >25 To 50, Deduct	-2.40
		For >50 To 200, Deduct	-5.99
		For >200, Deduct	-9.58
02 87 13 33-0124	CSF	Wipe Down Walls With Mild Bleach Solution	28.19
		For >25 To 50, Deduct	-2.82
		For >50 To 200, Deduct	-7.04
		For >200, Deduct	11.27
02 87 13 33-0125	CSF	Wipe Down Ceilings With Mild Bleach Solution	32.07
		For >25 To 50, Deduct	-3.21
		For >50 To 200, Deduct	-8.01
		For >200, Deduct	-12.82
02 87 13 33-0126	CSF	Wipe Down Countertops With Mild Bleach Solution	26.15
		For >25 To 50, Deduct	-2.61
02 87 13 33-0127	CSF	Wipe Down Other Surfaces With Mild Bleach Solution	33.18
		For >25 To 50, Deduct	-3.32
		For >50 To 200, Deduct	-8.29
		For >200, Deduct	-13.26

02 87 13 33-0128 Cabinets (02 87 13 33-0098)

02 87 13 33-0129	SET	Up To 10 LF, Base Cabinet, Mold Abatement And Disposal	942.02
02 87 13 33-0130	LF	>10 To 20 LF, Base Cabinet, Mold Abatement And Disposal	99.44
02 87 13 33-0131	LF	>20 LF, Base Cabinet, Mold Abatement And Disposal	73.28
02 87 13 33-0132	SET	Up To 10 LF, Wall Cabinet, Mold Abatement And Disposal	889.38
02 87 13 33-0133	LF	>10 To 20 LF, Wall Cabinet, Mold Abatement And Disposal	83.70
02 87 13 33-0134	LF	>20 LF, Wall Cabinet, Mold Abatement And Disposal	57.56

02 87 16 Excrement Removal (02 87)

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

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

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

02 87 16 13-0002	EA	Up To 10 SF Bird Waste Removal, Up To 3" Thickness	862.25
		For Work In Restricted Working Space, Add	258.68
02 87 16 13-0003	SF	>10 To 500 SF Bird Waste Removal, Up To 3" Thickness	14.37
		For Work In Restricted Working Space, Add	4.31
02 87 16 13-0004	SF	>500 To 2,500 SF Bird Waste Removal, Up To 3" Thickness	13.06
		For Work In Restricted Working Space, Add	3.92
02 87 16 13-0005	SF	>2,500 To 10,000 SF Bird Waste Removal, Up To 3" Thickness	11.88
		For Work In Restricted Working Space, Add	3.56
02 87 16 13-0006	SF	>10,000 SF Bird Waste Removal, Up To 3" Thickness	10.80
		For Work In Restricted Working Space, Add	3.24

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

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

02 87 19 00-0003	EA	4' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4000)	628.78
02 87 19 00-0004	EA	3' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4001)	597.28
02 87 19 00-0005	EA	2' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4002)	471.28



Existing Conditions		02
Facility Remediation		02 80
Bio-Hazard Material Remediation		02 87

MINOR CSI UOM DESCRIPTION			TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 87 19 00-0006	EA	2' Wide x 7'-8" To 10' High With High Efficiency Particulate Air (HEPA) Filtered Air Discharge Port, Fire Rated Containment Panel Assembly (Edge Guard 4002.1)	544.78	
02 87 19 00-0007	EA	4' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly With 44" Door (Edge Guard 4003)..... Note: Includes a hydraulic closer and a lever style lockset standard.	1,064.53	
02 87 19 00-0008	EA	7'-8" To 10' High, Hinged Corner Assembly (Edge Guard 4004)	216.48	
02 87 19 00-0009	EA	6" Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4005)	288.15	
02 87 19 00-0010	EA	12" Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4006)	309.15	
02 87 19 00-0011	EA	7'-8" To 10' High, Outside Corner Post (Edge Guard 4007)	179.73	
02 87 19 00-0012	EA	4'-4" Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly With 48" Door (Edge Guard 4008)..... Note: Includes a hydraulic closer and a lever style lockset standard.	1,274.53	
02 87 19 00-0013	EA	7'-8" To 10' High, "T" Post Corner Assembly (Edge Guard 4009).....	179.73	
02 87 19 00-0014	EA	3' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly With 32" Door (Edge Guard 4010)..... Note: Includes a hydraulic closer and a lever style lockset standard.	959.53	
02 87 19 00-0015	EA	Closure Strips (Edge Guard 3003)..... Note: To seal panels to existing walls	13.29	
02 87 19 00-0016	EA	Digital Differential Pressure Gauge Kit (Edge Guard 3005).....	294.30	
02 87 19 00-0017		Temporary Sheeting For Bio-Hazard And Infectious Disease Control (02 87 19 00-0001) Note: Includes removal and disposal in approved landfill after use.		
02 87 19 00-0018	SF	6 Mil Plastic Sheeting, Applied To Floors, For Bio-Hazard And Infectious Disease Control	0.55	
02 87 19 00-0019	SF	6 Mil Plastic Sheeting, Applied To Walls, For Bio-Hazard And Infectious Disease Control	0.72	
02 87 19 00-0020	SF	6 Mil Plastic Sheeting, Applied To Ceilings, For Bio-Hazard And Infectious Disease Control	0.97	
02 87 19 00-0021	SF	6 Mil Plastic Fire Retardant, Anti-static Sheeting, Applied To Floors, For Bio-Hazard And Infectious Disease Control.....	0.65	
02 87 19 00-0022	SF	6 Mil Plastic Fire Retardant, Anti-static Retardant Sheeting, Applied To Walls, For Bio-Hazard And Infectious Disease Control	0.82	
02 87 19 00-0023	SF	6 Mil Plastic Fire Retardant, Anti-static Retardant Sheeting, Applied To Ceilings, For Bio-Hazard And Infectious Disease Control	1.07	
02 87 19 00-0024		Temporary Floor Protection For Bio-Hazard And Infectious Disease Control (02 87 19 00-0001) Note: Includes removal after use.		
02 87 19 00-0025	SF	1/8" Thick, Masonite Temporary Floor Protection For Bio-Hazard And Infectious Disease Control.....	1.78	
02 87 19 00-0026	SF	1/2" Thick, Plywood Temporary Floor Protection For Bio-Hazard And Infectious Disease Control.....	1.81	
02 87 19 00-0027	SF	3/4" Thick, Plywood Temporary Floor Protection For Bio-Hazard And Infectious Disease Control.....	2.14	
02 87 19 00-0028		Temporary Stud Wall For Bio-Hazard And Infectious Disease Control (02 87 19 00-0001) Note: Includes removal after use.		
02 87 19 00-0029	SF	1/2" Gypsum Board On One Side, Temporary Wood Stud Wall For Bio-Hazard And Infectious Disease Control.....	6.12	
02 87 19 00-0030	SF	1/2" Gypsum Board On Both Sides, Temporary Wood Stud Wall For Bio-Hazard And Infectious Disease Control	8.56	
02 87 19 00-0031	SF	5/8" Type Fire Rated Gypsum Board On One Side, Temporary Wood Stud Wall For Bio-Hazard And Infectious Disease Control	6.31	
02 87 19 00-0032	SF	5/8" Type Fire Rated Gypsum Board On Both Sides, Temporary Wood Stud Wall For Bio-Hazard And Infectious Disease Control	8.95	
02 87 19 00-0033	SF	6 Mil, Fire Retardant, Plastic Sheeting On One Side, Temporary Wood Stud Wall For Bio-Hazard And Infectious Disease Control	3.48	
02 87 19 00-0034		Isolation Barriers For Bio-Hazard And Infectious Disease Control (02 87 19 00-0001)		
02 87 19 00-0035	GSF	Tent Construction Utilizing Two Layers Of 6 Mil Fire Rated Plastic Sheeting For Bio-Hazard And Infectious Disease Control	22.97	
		Note: Includes support frame of 2x4s or PVC piping (ground SF) up to 6' to construct stand-alone tents (floor, walls and ceiling) with airlock.		
02 87 19 00-0036	GSF	Relocate Tent Construction To Different Area	2.78	
02 87 19 00-0037		Plexiglass Barriers For Bio-Hazard And Infectious Disease Control (02 87 19 00-0001)		
02 87 19 00-0038	SF	3/8" Thick, Clear Acrylic Glazing (Plexiglas) For Bio-Hazard And Infectious Disease Control.....	21.13	
02 87 19 00-0039	SF	1/2" Thick, Clear Acrylic Glazing (Plexiglas) For Bio-Hazard And Infectious Disease Control	25.02	
02 87 19 00-0040	SF	3/4" Thick, Clear Acrylic Glazing (Plexiglas) For Bio-Hazard And Infectious Disease Control	35.32	
02 87 19 00-0041	PR	Install Pair Of 8" Diameter Glove Iris Port In Barrier For Bio-Hazard And Infectious Disease Control..... Note: Excludes gloves.	1,471.28	
02 87 19 00-0042	PR	Pair Of 8" Diameter Economy Sleeved Gloves With Clamping Ring For Bio-Hazard And Infectious Disease Control..... Note: For installation in glove iris port.	527.66	
02 87 19 00-0043	PR	Pair Of 8" Diameter Bellows Type Gloves With Clamping Ring For Bio-Hazard And Infectious Disease Control..... Note: For installation in glove iris port.	843.62	
02 87 19 00-0044	EA	5-5/16" Diameter, Satin Anodized Aluminum, No-Draft Speak-Thru In Barrier For Bio-Hazard And Infectious Disease	149.67	
		Note: Includes gaskets and mounting screws for installation on glass from 1/4" (6 mm) to 1/2" (12 mm) thick. Require a minimum hole diameter of 2-1/4" (57 mm), and will cover holes up to 4-1/4" (108 mm). Recommended hole diameter is 3-1/2" (89 mm).		
02 87 19 00-0045		Temporary Portable And Mobile Trailers (02 87 19)		
02 87 19 00-0046		Trailer Delivery (02 87 19 00-0045)		
02 87 19 00-0047	EA	Deliver Trailer Within 25 Miles	1,258.93	

02 Existing Conditions**02 80 Facility Remediation****02 87 Bio-Hazard Material Remediation**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

02 87 19 00-0048	Portable And Mobile Trailers, Purchase (02 87 19 00-0045)		
Note: Includes cost to set-up, underpin, tie-downs, HVAC unit, lights, outlets, & phone jacks. Trailers shall have a 12' x 12' office area and 6' x 8' bathroom with sink, mirror, and water closet. Minimum of two pedestrian doors and a tinted/insulated 3' x 4' single hung window per 20 SF of wall area. Excludes connection of utilities.			
02 87 19 00-0049	EA	8' x 24' Mobile Trailer With Toilet, Purchase	13,013.17
		For Tie-Downs, Add	129.42
02 87 19 00-0050	EA	8' x 32' Mobile Trailer With Toilet, Purchase	18,384.06
		For Tie-Downs, Add	129.42
02 87 19 00-0051	EA	10' x 36' Mobile Trailer With Toilet, Purchase	26,231.68
		For Tie-Downs, Add	129.42
02 87 19 00-0052	EA	10' x 44' Mobile Trailer With Toilet, Purchase	32,779.76
		For Tie-Downs, Add	129.42
02 87 19 00-0053	EA	10' x 50' Mobile Trailer With Toilet, Purchase	37,267.68
		For Tie-Downs, Add	129.42
02 87 19 00-0054	EA	12' x 50' Mobile Trailer With Toilet, Purchase	39,178.29
		For Tie-Downs, Add	129.42
02 87 19 00-0055	EA	12' x 60' Mobile Trailer With Toilet, Purchase	43,593.62
		For Tie-Downs, Add	129.42
02 87 19 00-0056	Accessories For Portable And Mobile Trailers (02 87 19 00-0045)		
02 87 19 00-0057	Skirting (02 87 19 00-0056)		
	Note: Includes 2" x 4" wood framing 16" on center.		
02 87 19 00-0058	SF	1'-8" High Vinyl Covered Skirt	5.19
02 87 19 00-0059	SF	3' High Vinyl Covered Skirt	7.56
02 87 19 00-0060	Aluminum Modular Access Ramp (02 87 19 00-0056)		
	Note: Includes picketed guardrails, inside grabrails, legs and hardware.		
02 87 19 00-0061	EA	Up To 35" High, Aluminum Modular Access Ramp	3,795.40
02 87 19 00-0062	Aluminum Modular Stairs (02 87 19 00-0056)		
	Note: Excludes earthwork		
02 87 19 00-0063	EA	Aluminum Steps For Mobile Trailers	1,047.84
02 87 19 00-0064	Decontamination Chambers For Bio-Hazard And Infectious Disease Control (02 87 19)		
	Note: Includes removal after use.		
02 87 19 00-0065	EA	Portable Personnel Decontamination Wash Facility (3 Stage) For Bio-Hazard And Infectious Disease Control	986.78
	Note: Includes connection to negative air system.		
02 87 19 00-0066	EA	Portable Personnel Decontamination Wash Facility (5 Stage) For Bio-Hazard And Infectious Disease Control	1,162.48
	Note: Includes connection to negative air system.		
02 87 19 00-0067	EA	Portable Waste Decontamination Unit For Bio-Hazard And Infectious Disease Control	597.57
	Note: Includes connection to negative air system.		
02 87 19 00-0068	Bio-Hazard And Infectious Disease Control Cleaning, Level 2 (02 87 19)		
	Note: Includes worker personal protection equipment suites, gloves and masks. Level 1 Biohazard - Minor bacteria and viruses as well as non-infectious bacteria. Microbes are not known to cause disease in healthy hosts and pose minimal risk to workers and the environment. Level 2 Biohazard - Bacteria and viruses that cause mild disease or are difficult to contract. Microbes are typically indigenous and are associated with diseases of varying severity. They pose moderate risk to workers and the environment. Level 3 Biohazard - Microbes are indigenous or exotic and cause serious or potential lethal diseases through respiratory transmission. Disposal of materials used to wipe down surfaces in approved landfill after use. See CSI section 02 87 19 00-0138 for disposal of material into approved landfill.		
02 87 19 00-0069	Bio-Hazard And Infectious Disease Control Cleaning Mobilization (02 87 19 00-0068)		
02 87 19 00-0070	EA	Bio-Hazard And Infectious Disease Control Mobilization And Set-Up	364.21
	Note: Mobilization and set-up minimum for each site location.		
02 87 19 00-0071	Bio-Hazard And Infectious Disease Control Cleaning Of Surfaces (02 87 19 00-0068)		
	Note: Includes electrostatic spraying of surfaces with mild bleach, wet mop/wipe, disinfect and high efficiency particulate air (HEPA) vacuum surfaces		
02 87 19 00-0072	CSF	Cleaning Of Floors For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution	27.01
		For >25 To 50, Deduct	-2.70
		For >50 To 200, Deduct	-5.40
		For >200, Deduct	-8.09
		For Cleaning Surfaces With Goldshield® GS5, Add	14.56
		For Level 1 Biohazard Cleaning, Deduct	-5.40
		For Level 3 Biohazard Cleaning, Add	8.90
02 87 19 00-0073	CSF	Cleaning Of Walls For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution	31.76
		For >25 To 50, Deduct	-3.17
		For >50 To 200, Deduct	-6.35
		For >200, Deduct	-9.52
		For Cleaning Surfaces With Goldshield® GS5, Add	14.56
		For Level 1 Biohazard Cleaning, Deduct	-6.35
		For Level 3 Biohazard Cleaning, Add	10.47



Existing Conditions		02
Facility Remediation		02 80
Bio-Hazard Material Remediation		02 87

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
02 87 19 00-0074	CSF Cleaning Of Ceilings For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution	36.13	
	For >25 To 50, Deduct	-3.61	
	For >50 To 200, Deduct	-7.22	
	For >200, Deduct	-10.83	
	For Cleaning Surfaces With Goldshield® GS5, Add	14.56	
	For Level 1 Biohazard Cleaning, Deduct	-7.22	
	For Level 3 Biohazard Cleaning, Add	11.91	
02 87 19 00-0075	CSF Cleaning Of Countertops For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution	29.46	
	For Cleaning Surfaces With Goldshield® GS5, Add	14.56	
	For >5 To 10, Deduct	-1.47	
	For >10 To 50, Deduct	-2.94	
	For >50, Deduct	-5.89	
	For Level 1 Biohazard Cleaning, Deduct	-5.89	
	For Level 3 Biohazard Cleaning, Add	9.71	
02 87 19 00-0076	CSF Cleaning Of Other Surfaces For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution	37.39	
	For >25 To 50, Deduct	-3.74	
	For >50 To 200, Deduct	-7.47	
	For >200, Deduct	-11.21	
	For Cleaning Surfaces With Goldshield® GS5, Add	14.56	
	For Level 1 Biohazard Cleaning, Deduct	-7.47	
	For Level 3 Biohazard Cleaning, Add	12.33	
02 87 19 00-0077	Bio-Hazard And Infectious Disease Control Cleaning Of Equipment And Materials (02 87 19 00-0068)		
	Note: Includes spraying of surfaces with mild bleach, wet mop/wipe and disinfect		
02 87 19 00-0078	EA Cleaning Of Plumbing Fixture For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution	69.79	
	For Level 1 Biohazard Cleaning, Deduct	-13.95	
	For Level 3 Biohazard Cleaning, Add	23.02	
	For Cleaning Surfaces With Goldshield® GS5, Add	7.28	
02 87 19 00-0079	EA Cleaning Of Restroom Accessory For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution	32.04	
	For Level 1 Biohazard Cleaning, Deduct	-6.40	
	For Level 3 Biohazard Cleaning, Add	10.56	
	For Cleaning Surfaces With Goldshield® GS5, Add	4.85	
02 87 19 00-0080	EA Cleaning Of Kitchen Appliance For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution	112.43	
	For Level 1 Biohazard Cleaning, Deduct	-22.48	
	For Level 3 Biohazard Cleaning, Add	37.09	
	For Cleaning Surfaces With Goldshield® GS5, Add	7.28	
02 87 19 00-0081	EA Cleaning Of Electrical Switch/Receptacle For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution	6.94	
	For Level 1 Biohazard Cleaning, Deduct	-1.38	
	For Level 3 Biohazard Cleaning, Add	2.28	
	For Cleaning Surfaces With Goldshield® GS5, Add	1.46	
02 87 19 00-0082	EA Cleaning Of WorkStation, Exterior Wipe For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution	103.64	
	Clean-up		
	Note: Includes desk, chair, computer, monitor(s), keyboard, mouse, lamp, drawers		
	For Level 1 Biohazard Cleaning, Deduct	-20.72	
	For Level 3 Biohazard Cleaning, Add	34.19	
	For Cleaning Surfaces With Goldshield® GS5, Add	7.28	
02 87 19 00-0083	EA Cleaning Of Knobs, Latches, And Locks For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution	11.08	
	Clean-up		
	For Level 1 Biohazard Cleaning, Deduct	-2.21	
	For Level 3 Biohazard Cleaning, Add	3.65	
	For Cleaning Surfaces With Goldshield® GS5, Add	1.46	
02 87 19 00-0084	Bio-Hazard And Infectious Disease Control Cleaning Of Ductwork (02 87 19 00-0068)		
02 87 19 00-0085	LF Up To 2 SF Cross Section, Clean Supply/Return Ductwork For Bio-Hazard And Infectious Disease Control	4.08	
	Cleaning		
	For Level 1 Biohazard Cleaning, Deduct	-0.81	
	For Level 3 Biohazard Cleaning, Add	1.34	
02 87 19 00-0086	LF >2 SF To 4 SF Cross Section, Clean Supply/Return Ductwork For Bio-Hazard And Infectious Disease Control	5.12	
	Cleaning		
	For Level 1 Biohazard Cleaning, Deduct	-1.01	
	For Level 3 Biohazard Cleaning, Add	1.67	
02 87 19 00-0087	LF >4 SF To 8 SF Cross Section, Clean Supply/Return Ductwork For Bio-Hazard And Infectious Disease Control	6.86	
	Cleaning		
	For Level 1 Biohazard Cleaning, Deduct	-1.35	
	For Level 3 Biohazard Cleaning, Add	2.22	
02 87 19 00-0088	LF >8 SF Cross Section, Clean Supply/Return Ductwork For Bio-Hazard And Infectious Disease Control Cleaning	9.72	
	For Level 1 Biohazard Cleaning, Deduct	-1.90	
	For Level 3 Biohazard Cleaning, Add	3.13	
02 87 19 00-0089	EA Clean Duct Coil For Bio-Hazard And Infectious Disease Control Cleaning	182.14	
	For Level 1 Biohazard Cleaning, Deduct	-36.42	
	For Level 3 Biohazard Cleaning, Add	60.10	
02 87 19 00-0090	SF Clean Duct Dampers And Vane Sets For Bio-Hazard And Infectious Disease Control Cleaning	12.67	
	For Level 1 Biohazard Cleaning, Deduct	-2.53	
	For Level 3 Biohazard Cleaning, Add	4.17	
02 87 19 00-0091	EA Clean Fan Coil Unit (FCU) Or Variable Air Volume (VAV) Unit For Bio-Hazard And Infectious Disease Control	121.43	
	Cleaning		
	For Level 1 Biohazard Cleaning, Deduct	-24.28	
	For Level 3 Biohazard Cleaning, Add	40.06	
02 87 19 00-0092	EA Clean Air Handling Unit Fan And Coil For Bio-Hazard And Infectious Disease Control Cleaning	364.24	
	For Level 1 Biohazard Cleaning, Deduct	-72.84	
	For Level 3 Biohazard Cleaning, Add	120.19	

02 Existing Conditions**02 80 Facility Remediation****02 87 Bio-Hazard Material Remediation**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 87 19 00-0093	EA		Clean Grille/Diffuser/Register For Bio-Hazard And Infectious Disease Control Cleaning 30.38 Note: Includes removal and reinstallation. For Level 1 Biohazard Cleaning, Deduct For Level 3 Biohazard Cleaning, Add	-6.07 10.02	
02 87 19 00-0094	SF		Apply Sporidicin Disinfectant To Ductwork And Surfaces After Cleaning For Bio-Hazard And Infectious Disease Control Cleaning.....0.55 For Level 1 Biohazard Cleaning, Deduct For Level 3 Biohazard Cleaning, Add	-0.10 0.16	
02 87 19 00-0095	SF		Apply Goldshield® GS5 Anti-microbial Agent To Ductwork And Surfaces After Cleaning For Bio-Hazard And Infectious Disease Control Cleaning.....0.64 For Level 1 Biohazard Cleaning, Deduct For Level 3 Biohazard Cleaning, Add	-0.10 0.16	
02 87 19 00-0096 Bio-Hazard And Infectious Disease Control Equipment Rental (02 87 19)					
Note: Used in the performance of time and material projects. Not used in conjunction with tasks in the Bio-Hazard And Infectious Control Clean Up sections.					
02 87 19 00-0097	DAY		Up To 5,000 CFM Portable Air Scrubber For Bio-Hazard And Infectious Disease Control Clean-up 107.35		
02 87 19 00-0098	WK		Up To 5,000 CFM Portable Air Scrubber For Bio-Hazard And Infectious Disease Control Clean-up 457.24		
02 87 19 00-0099	MO		Up To 5,000 CFM Portable Air Scrubber For Bio-Hazard And Infectious Disease Control Clean-up 1,280.27		
02 87 19 00-0100	DAY		Industrial High Efficiency Particulate Air (HEPA) Vacuum For Bio-Hazard And Infectious Disease Control Clean-up.....155.99		
02 87 19 00-0101	WK		Industrial High Efficiency Particulate Air (HEPA) Vacuum For Bio-Hazard And Infectious Disease Control Clean-up.....428.98		
02 87 19 00-0102	MO		Industrial High Efficiency Particulate Air (HEPA) Vacuum For Bio-Hazard And Infectious Disease Control Clean-up.....1,169.93		
02 87 19 00-0103	DAY		Zip Wall Poles (Per 2 Poles) For Bio-Hazard And Infectious Disease Control Clean-up 45.88		
02 87 19 00-0104	WK		Zip Wall Poles (Per 2 Poles) For Bio-Hazard And Infectious Disease Control Clean-up 126.17		
02 87 19 00-0105	MO		Zip Wall Poles (Per 2 Poles) For Bio-Hazard And Infectious Disease Control Clean-up 344.10		
02 87 19 00-0106	DAY		Up To 2,000 CFM Portable Negative Air Machine With Pre-Filter And High Efficiency Particulate Air (HEPA) Filter For Bio-Hazard And Infectious Disease Control Clean-up.....104.34		
02 87 19 00-0107	WK		Up To 2,000 CFM Portable Negative Air Machine With Pre-Filter And High Efficiency Particulate Air (HEPA) Filter For Bio-Hazard And Infectious Disease Control Clean-up.....428.56		
02 87 19 00-0108	MO		Up To 2,000 CFM Portable Negative Air Machine With Pre-Filter And High Efficiency Particulate Air (HEPA) Filter For Bio-Hazard And Infectious Disease Control Clean-up.....1,294.99		
02 87 19 00-0109	EA		High Efficiency Particulate Air (HEPA) Filter, 99.99% Efficient At 0.3 Micron For Negative Air Machine For Bio-Hazard And Infectious Disease Control Clean-up 131.21 Note: Required if over 800 hours operation		
02 87 19 00-0110	DAY		20' x 20' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up.....435.08		
02 87 19 00-0111	WK		20' x 20' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up.....870.16		
02 87 19 00-0112	MO		20' x 20' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up.....1,740.31		
02 87 19 00-0113	DAY		20' x 40' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up.....580.10		
02 87 19 00-0114	WK		20' x 40' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up.....1,160.21		
02 87 19 00-0115	MO		20' x 40' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up.....2,320.42		
02 87 19 00-0116	DAY		20' x 60' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up.....979.47		
02 87 19 00-0117	WK		20' x 60' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up.....1,958.93		
02 87 19 00-0118	MO		20' x 60' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up.....3,917.87		
02 87 19 00-0119	DAY		20' x 80' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up.....1,305.96		
02 87 19 00-0120	WK		20' x 80' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up.....2,611.91		
02 87 19 00-0121	MO		20' x 80' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up.....5,223.82		
02 87 19 00-0122	DAY		20' x 100' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up.....1,632.45		
02 87 19 00-0123	WK		20' x 100' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up.....3,264.89		
02 87 19 00-0124	MO		20' x 100' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up.....6,529.78		
02 87 19 00-0125	EA		Set-Up 20' x 20' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up.....111.13 Note: Includes staking down tent.		
02 87 19 00-0126	EA		Set-Up 20' x 40' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up.....222.26 Note: Includes staking down tent.		
02 87 19 00-0127	EA		Set-Up 20' x 60' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up.....666.78 Note: Includes staking down tent.		
02 87 19 00-0128	EA		Set-Up 20' x 80' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up.....1,333.55 Note: Includes staking down tent.		
02 87 19 00-0129	EA		Set-Up 20' x 100' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up.....2,222.59 Note: Includes staking down tent.		
02 87 19 00-0130	DAY		Portable Dual Sink Wash Station For Bio-Hazard And Infectious Disease Control Clean-up 95.14		
02 87 19 00-0131	WK		Portable Dual Sink Wash Station For Bio-Hazard And Infectious Disease Control Clean-up 261.63		
02 87 19 00-0132	MO		Portable Dual Sink Wash Station For Bio-Hazard And Infectious Disease Control Clean-up 713.53		
02 87 19 00-0133 Bio-Hazard And Infectious Disease Control Hauling By Truck (02 87 19)					
Note: Includes driver and equipment, ten (10) to fifteen (15) minutes load time, time for travel, dump time and return (roundtrip). The task quantity is the number of miles to the disposal site/transfer station (one-way mileage) using an appropriately sized truck.					
02 87 19 00-0134	EA		Hauling With 2-3 CY Pick-up Truck, Van Or Trailer, Up To 15 Miles For Bio-Hazard And Infectious Disease Control Clean Up 108.32 Note: Each first 15 miles per trip For Each Additional Mile Over First 15 Miles, Add Per Mile	1.35	
02 87 19 00-0135	EA		Hauling With 6 To 8 CY Dump Truck, Up To 15 Miles For Bio-Hazard And Infectious Control Clean Up.....165.27 Note: Each first 15 miles per trip For Each Additional Mile Over First 15 Miles, Add Per Mile	2.07	
02 87 19 00-0136	EA		Hauling With 10 To 12 CY Dump Truck, Up To 15 Miles For Bio-Hazard And Infectious Disease Control Clean Up 170.86 Note: Each first 15 miles per trip For Each Additional Mile Over First 15 Miles, Add Per Mile	2.14	



Existing Conditions		02
Facility Remediation		02 80
Bio-Hazard Material Remediation		02 87

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 87 19 00-0137 EA Hauling With 16' To 20', Box Or Flat Bed Truck, Up To 15 Miles For Bio-Hazard And Infectious Disease Control Clean Up Note: Each first 15 miles per trip For Each Additional Mile Over First 15 Miles, Add Per Mile	177.19 2.21	
02 87 19 00-0138 Bio-Hazard And Infectious Disease Control Disposal (02 87 19) Note: Used in the performance of time and material projects. Not used in conjunction with tasks in the Bio-Hazard And Infectious Control Clean Up sections.		
02 87 19 00-0139 CY Bio-Hazard And Infectious Disease Control Landfill Dump Fee.....	47.38	
02 87 19 00-0140 BLU-MED Response Systems® (BLU-MED) Deployable Medical Facilities™ and Emergency Shelters (02 87 19) Note: Includes delivery and set-up of facility, electrical, lighting and HVAC. Excludes medical equipment.		
02 87 19 00-0141 EA 20' x 32.5' Medical Shelter with 1-phase electrical, 60 Hertz (BLU-MED BM-2032.5-MS/1P)	45,047.14	
02 87 19 00-0142 EA 7' x 8' Entry Vestibule (BLU-MED BM-MS-VEST).....	4,330.54	
02 87 19 00-0143 EA Vestibule End Panel with Bump Thru Door (BLU-MED BM-7x8-VEP04).....	7,165.29	
02 87 19 00-0144 SF Sub Flooring For Medical Shelter (AKS-AB846).....	6.66	
02 87 19 00-0145 EA Upgrade To Large Roto-Mold Container, Blue (AK-ULC-5).....	1,966.72	
02 87 19 00-0146 EA Environmental Control Unit-5 Ton, 60 Hertz, Blue (AK-ECU-5T-5).....	32,212.43	
02 87 19 00-0147 EA 3' ECU to Generator Pigtail, 60 Hertz (AKS-AC915).....	1,122.79	
02 87 19 00-0148 EA Negative Pressure Isolation (NPI) System (AK-NPIS-5)..... Note: Including: (1) Germicidal/high efficiency particulate air (HEPA) Filter Unit; (1) Monitor/Alarm with Motorized Damper; (1) Isolation Partition for 20'-Wide Shelter; (1) NPI Accessories Case	50,701.83	
02 87 19 00-0149 EA 6' Step Ladder (AKS-AC595).....	304.30	
02 87 19 00-0150 EA 10 Lbs Sledgehammer (AKS-AA268)	93.16	
02 87 19 00-0151 Bio-Hazard And Infectious Disease Time And Material Tasks (02 87 19) Note: Used in the performance of time and material projects. Not used in conjunction with tasks in the Bio-Hazard And Infectious Control Clean Up sections.		
02 87 19 00-0152 Bio-Hazard And Infectious Disease Control Labor (02 87 19 00-0151) Note: Used in the performance of time and material projects. Not used in conjunction with tasks in the Bio-Hazard And Infectious Control Clean Up sections.		
02 87 19 00-0153 HR General Laborer For Bio-Hazard And Infectious Disease Control Clean Up	115.92	
02 87 19 00-0154 HR Skilled Tradesman For Bio-Hazard And Infectious Disease Control Clean Up.....	128.68	
02 87 19 00-0155 HR Biohazard Technician For Bio-Hazard And Infectious Disease Control Clean Up	102.85	
02 87 19 00-0156 HR Biohazard Supervisor For Bio-Hazard And Infectious Disease Control Clean Up	123.67	
02 87 19 00-0157 HR Project Manager For Bio-Hazard And Infectious Disease Control Clean Up	136.00	
02 87 19 00-0158 Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment (02 87 19 00-0151) Note: Used in the performance of time and material projects. Not used in conjunction with tasks in the Bio-Hazard And Infectious Control Clean Up sections.		
02 87 19 00-0159 EA Tyvek Coveralls For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment.....	15.19	
02 87 19 00-0160 EA Tyvek Coveralls With Hood, Boots, Elastic Wrists And Ankles For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment	23.65	
02 87 19 00-0161 PR Polycarbonate Lens Safety Goggles For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment	15.33	
02 87 19 00-0162 EA Dual Cartridge Half-Mask Respirator For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment	125.72	
02 87 19 00-0163 EA Cartridge - Respirator For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment.....	53.06	
02 87 19 00-0164 EA Full Face Respirator For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment..... Note: Respirator Connection Type: Bayonet, 4 pt. Full Face Suspension	383.55	
02 87 19 00-0165 EA 14-1/2" Width x 9" Height Polycarbonate Visor Faceshield For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment	52.43	
02 87 19 00-0166 EA 19" Width x 11" Height Polycarbonate Visor Attachment To Hardhat For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment..... Note: Includes basic impact ratchet headgear and faceshield safety system. ANSI Z87.1-2010	95.26	
02 87 19 00-0167 BOX 100, 5 Mil, Disposable Latex Gloves For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment	27.53	
02 87 19 00-0168 EA Gloves - Rubber (Heavy Duty) For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment	23.51	
02 87 19 00-0169 EA Belt-Mounted, Universal Mask, Powered Air Purifying Respirator (PAPR) System Kit For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment	2,563.76	
Note: Kit includes NIOSH Approved with Draeger DHR 7000, C420 Blower, Single-Speed Toggle, Battery - LiSO2 (BA5800/U), C420 Breathing Tube Assembly with 75 Degrees Swivel, Decon Belt Assembly 70" x 2", C420 Airflow Indicator (Afi), Micronel Safety M95 Cartridge (2), Molded Case, Black, CBRN Breathing Tube Assembly		
02 87 19 00-0170 Bio-Hazard And Infectious Disease Control Expendables (02 87 19 00-0151) Note: Used in the performance of time and material projects. Not used in conjunction with tasks in the Bio-Hazard And Infectious Control Clean Up sections. See CSI section 01 56 16 00-0001 for temporary sheeting, 01 56 16 00-0039 for temporary walls.		
02 87 19 00-0171 GAL Bleach For Bio-Hazard And Infectious Disease Control Clean-up	11.84	
02 87 19 00-0172 EA N95 Masks For Bio-Hazard And Infectious Disease Control Clean-up	4.22	
02 87 19 00-0173 GAL Disinfectant/Anti-microbial For Bio-Hazard And Infectious Disease Control Clean Up	116.03	

02 Existing Conditions**02 80 Facility Remediation****02 87 Bio-Hazard Material Remediation**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

02 87 19 00-0174	GAL	Goldshield® GS5 Anti-microbial Concentrate For Bio-Hazard And Infectious Disease Control Clean-up	349.34
Note: Mix 1 gallon in 5 gallons of water to produce 6 gallons of ready-to-use product. Use on any surface for bacterial inhibition up to 30 days			
02 87 19 00-0175	QT	Hand Sanitizer For Bio-Hazard And Infectious Disease Control Clean-up	11.70
02 87 19 00-0176	EA	Sponges - Dry For Bio-Hazard And Infectious Disease Control Clean-up	6.02
02 87 19 00-0177	ROL	Tape - Duct, 2" x 50 YD For Bio-Hazard And Infectious Disease Control Clean-up	15.10
02 87 19 00-0178	EA	UV Mini Light, Handheld For Bio-Hazard And Infectious Disease Control Clean-up	76.33
02 87 19 00-0179	ROL	Visqueen 1 Mil, 12' x 400', For Bio-Hazard And Infectious Disease Control Clean-up	60.87
02 87 19 00-0180	LB	Wipes, Terry Cloth 14" x 17" For Bio-Hazard And Infectious Disease Control Clean-up	8.54
02 87 19 00-0181	EA	Wyp-Alls, Case, 160 Wipes For Bio-Hazard And Infectious Disease Control Clean-up	18.80
02 87 19 00-0182	ROL	6 Mil, 55 Gallon Trash Bags, 50/Roll For Bio-Hazard And Infectious Disease Control Clean Up	187.36

02 89 Hazmat Ancillary Tasks and Support (02 89)

02 89 00 00-0001	Barriers And Protection (02 89)		
Note: Includes removal and disposal after use.			
02 89 00 00-0002	Isolation Barriers (02 89 00 00-0001)		
See CSI section 01 56 16 00-0039 for temporary stud walls.			
02 89 00 00-0003	Hazmat Containment Construction Plastic Sheetting (02 89 00 00-0001)		
02 89 00 00-0004	SF	6 Mil Plastic Sheetting, Applied To Floors, Hazmat Containment Construction	0.52
02 89 00 00-0005	SF	6 Mil Plastic Sheetting, Applied To Walls, Hazmat Containment Construction	0.68
02 89 00 00-0006	SF	6 Mil Plastic Sheetting, Applied To Ceilings, Hazmat Containment Construction	0.91
02 89 00 00-0007	SF	6 Mil Plastic Fire Retardant, Anti-static Sheetting, Applied To Floors, Hazmat Containment Construction	0.64
02 89 00 00-0008	SF	6 Mil Plastic Fire Retardant, Anti-static Retardant Sheetting, Applied To Walls, Hazmat Containment Construction	0.81
02 89 00 00-0009	SF	6 Mil Plastic Fire Retardant, Anti-static Retardant Sheetting, Applied To Ceilings, Hazmat Containment Construction	1.05
02 89 00 00-0010	EA	Up To 36 Square Inches, Seal Wall Penetrations With Foam Firestop, Hazmat Containment Construction	142.38
02 89 00 00-0011	EA	>36 To 72 Square Inches, Seal Wall Penetrations With Foam Firestop, Hazmat Containment Construction	276.97
02 89 00 00-0012	EA	>72 To 144 Square Inches, Seal Wall Penetrations With Foam Firestop, Hazmat Containment Construction	543.11
02 89 00 00-0013	LF	Caulk Seams With Latex, Hazmat Containment Construction	4.76
02 89 00 00-0014	SF	2 Layers 6 Mil Poly, Protect Carpeted Area, Hazmat Containment Construction	2.02
02 89 00 00-0015	Cleaning Surfaces (02 89 00 00-0001)		
Note: Other surfaces outside contamination area but not contaminated by, or part of removal.			
02 89 00 00-0016	SF	Up To 100 SF, Clean Non-Asbestos Surface	2.12
02 89 00 00-0017	SF	>100 To 500 SF, Clean Non-Asbestos Surface	1.49
02 89 00 00-0018	SF	>500 To 1,000 SF, Clean Non-Asbestos Surface	0.97
02 89 00 00-0019	SF	>1,000 SF, Clean Non-Asbestos Surface	0.76
02 89 00 00-0020	Decontamination Chambers (02 89)		
Note: Includes removal after use.			
02 89 00 00-0021	EA	3 Stage Portable Personnel Decontamination Wash Facility	978.43
Note: Includes connection to negative air system.			
02 89 00 00-0022	EA	5 Stage Portable Personnel Decontamination Wash Facility	1,152.44
Note: Includes connection to negative air system.			
02 89 00 00-0023	EA	Portable Waste Decontamination Unit	590.89
Note: Includes connection to negative air system.			
For Dismantling And Relocation To A Different Area, Add			367.07

02 90 Disaster Recovery (02)

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

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

02 90 50 00-0001	Non-Mold Contaminated Wet Material Removal (02 90 50)		
Note: For materials not requiring mold abatement.			
02 90 50 00-0002	SY	Wet Broadloom Carpet Removal For Disaster Clean-up	28.59
02 90 50 00-0003	SY	Wet Carpet Tile Removal For Disaster Clean-up	6.96
02 90 50 00-0004	SF	Wet Batt Insulation Removal For Disaster Clean-up	0.58
02 90 50 00-0005	SF	Wet Ceiling Tile Removal For Disaster Clean-up	0.70
02 90 50 00-0006	SF	Single Layer, Wet Gypsum Board Removal For Disaster Clean-up	0.68
02 90 50 00-0007	SF	Double Layer, Wet Gypsum Board Removal For Disaster Clean-up	1.06
02 90 50 00-0008	Cleaning (02 90 50)		
Note: Use "Light Clean" when soot or dust is barely evident. Use "Medium Clean" when paint color can be seen through the soot or dust. Use "Heavy Clean" when paint color cannot be seen. Includes all man power, equipment and expendables required			
02 90 50 00-0009	Clean Furnishings (02 90 50 00-0008)		
02 90 50 00-0010	EA	Office Equipment, Exterior Wipe For Disaster Clean-up	28.20
		For Medium Clean, Add	11.84
		For Heavy Clean, Add	36.66
02 90 50 00-0011	SF	Bookcase (Per SF Of Face Area), Light Clean For Disaster Clean-up	1.57
		For Medium Clean, Add	0.66
		For Heavy Clean, Add	2.04



Existing Conditions		02
Disaster Recovery		02 90
Cleaning and Disaster Clean-up		02 90 50

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 50 00-0012	LF	Shelving, Light Clean For Disaster Clean-up	2.82	
		For Medium Clean, Add	1.18	
		For Heavy Clean, Add	3.67	
02 90 50 00-0013	EA	Plastic Or Metal Chair, Light Clean For Disaster Clean-up	8.14	
		For Medium Clean, Add	3.42	
		For Heavy Clean, Add	10.58	
02 90 50 00-0014	EA	Upholstered Chair, Light Clean For Disaster Clean-up	26.32	
		For Medium Clean, Add	17.05	
		For Heavy Clean, Add	34.22	
02 90 50 00-0015	EA	Upholstered Sofa, Light Clean For Disaster Clean-up	162.31	
		For Medium Clean, Add	68.17	
		For Heavy Clean, Add	211.00	
02 90 50 00-0016	EA	Desk, Light Clean For Disaster Clean-up	33.21	
		For Medium Clean, Add	13.95	
		For Heavy Clean, Add	43.17	
02 90 50 00-0017	EA	Table, Light Clean For Disaster Clean-up	31.33	
		For Medium Clean, Add	13.16	
		For Heavy Clean, Add	40.73	
02 90 50 00-0018	EA	Two Drawer File Cabinet, Light Clean For Disaster Clean-up	6.87	
		For Medium Clean, Add	2.89	
		For Heavy Clean, Add	8.93	
02 90 50 00-0019	EA	Four Drawer File Cabinet, Light Clean For Disaster Clean-up	8.79	
		For Medium Clean, Add	3.69	
		For Heavy Clean, Add	11.43	
02 90 50 00-0020	LF	Base Cabinet, Exterior Wipe, Light Clean For Disaster Clean-up	7.21	
		For Medium Clean, Add	3.03	
		For Heavy Clean, Add	9.37	
02 90 50 00-0021	LF	Base Cabinet, Exterior And Interior Wipe, Light Clean For Disaster Clean-up	14.10	
		For Medium Clean, Add	5.92	
		For Heavy Clean, Add	18.33	
02 90 50 00-0022	LF	Wall Cabinet, Exterior Wipe, Light Clean For Disaster Clean-up	7.21	
		For Medium Clean, Add	3.03	
		For Heavy Clean, Add	9.37	
02 90 50 00-0023	LF	Wall Cabinet, Exterior And Interior Wipe, Light Clean For Disaster Clean-up	12.53	
		For Medium Clean, Add	5.26	
		For Heavy Clean, Add	16.29	
02 90 50 00-0024	EA	Picture Frame, Glass And Back, Light Clean For Disaster Clean-up	3.01	
		For Medium Clean, Add	1.26	
		For Heavy Clean, Add	3.91	
02 90 50 00-0025		Clean Hard Surfaces (02 90 50 00-0008)		
02 90 50 00-0026	LF	Wood, Vinyl Or Rubber Baseboard, Light Clean For Disaster Clean-up	0.41	
		For Medium Clean, Add	0.17	
		For Heavy Clean, Add	0.53	
02 90 50 00-0027	EA	Door And Hardware (Per Side), Light Clean For Disaster Clean-up	5.33	
		For Medium Clean, Add	2.24	
		For Heavy Clean, Add	6.93	
02 90 50 00-0028	EA	Detailed Door And Hardware (Per Side), Light Clean For Disaster Clean-up	6.04	
		For Medium Clean, Add	2.54	
		For Heavy Clean, Add	7.85	
02 90 50 00-0029	SF	Overhead Door, Light Clean For Disaster Clean-up	0.42	
		For Medium Clean, Add	0.18	
		For Heavy Clean, Add	0.55	
02 90 50 00-0030	SF	Mirror, Light Clean For Disaster Clean-up	0.32	
		For Medium Clean, Add	0.13	
		For Heavy Clean, Add	0.42	
02 90 50 00-0031	SF	Window, Light Clean For Disaster Clean-up	0.92	
		For Medium Clean, Add	0.39	
		For Heavy Clean, Add	1.20	
02 90 50 00-0032	LF	Handrail, Light Clean For Disaster Clean-up	0.82	
		For Medium Clean, Add	0.34	
		For Heavy Clean, Add	1.07	
02 90 50 00-0033	LF	Bumper Rail, Light Clean For Disaster Clean-up	0.44	
		For Medium Clean, Add	0.18	
		For Heavy Clean, Add	0.57	
02 90 50 00-0034	SF	Hard Floor, Light Clean For Disaster Clean-up	0.36	
		For Medium Clean, Add	0.15	
		For Heavy Clean, Add	0.47	
02 90 50 00-0035	SF	Carpet, Light Clean For Disaster Clean-up	0.38	
		For Medium Clean, Add	0.16	
		For Heavy Clean, Add	0.49	
02 90 50 00-0036	SF	Hard Ceiling, Light Clean For Disaster Clean-up	0.29	
		For Medium Clean, Add	0.12	
		For Heavy Clean, Add	0.38	
02 90 50 00-0037	SF	Suspended Ceiling, Tile And Grid, Light Clean For Disaster Clean-up	0.32	
		For Medium Clean, Add	0.13	
		For Heavy Clean, Add	0.42	
02 90 50 00-0038	SF	Ceramic Tile Wall, Light Clean For Disaster Clean-up	0.26	
		For Medium Clean, Add	0.11	
		For Heavy Clean, Add	0.34	
02 90 50 00-0039	SF	Wall, Light Clean For Disaster Clean-up	0.19	
		For Medium Clean, Add	0.08	
		For Heavy Clean, Add	0.25	

02 Existing Conditions**02 90 Disaster Recovery****02 90 50 Cleaning and Disaster Clean-up**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 50 00-0040	SF	Masonry Wall, Light Clean For Disaster Clean-up.....	0.26	
		For Medium Clean, Add	0.11	
		For Heavy Clean, Add	0.34	
02 90 50 00-0041	EA	Up To 24 SF Area Rug, Off-Site Cleaning, Light Clean For Disaster Clean-up.....	66.09	
		Note: Includes removal from site, cleaning, and return.		
		For Medium Clean, Add	27.76	
		For Heavy Clean, Add	85.92	
02 90 50 00-0042	EA	>24 To 96 SF Area Rug, Off-Site Cleaning, Light Clean For Disaster Clean-up.....	82.61	
		Note: Includes removal from site, cleaning, and return.		
		For Medium Clean, Add	34.70	
		For Heavy Clean, Add	107.39	
02 90 50 00-0043	EA	>96 To 140 SF Area Rug, Off-Site Cleaning, Light Clean For Disaster Clean-up.....	99.13	
		Note: Includes removal from site, cleaning, and return.		
		For Medium Clean, Add	41.63	
		For Heavy Clean, Add	128.87	
02 90 50 00-0044	EA	>140 To 216 SF Area Rug, Off-Site Cleaning, Light Clean For Disaster Clean-up.....	115.66	
		For Medium Clean, Add	48.58	
		For Heavy Clean, Add	150.36	
02 90 50 00-0045 Clean Window Treatments (02 90 50 00-0008)				
02 90 50 00-0046	SF	Window Blind, Light Clean For Disaster Clean-up.....	0.72	
		For Medium Clean, Add	0.30	
		For Heavy Clean, Add	0.94	
02 90 50 00-0047	EA	Up To 6' Long Drapery (Per Pleat), Light Clean For Disaster Clean-up.....	1.47	
		For Medium Clean, Add	0.62	
		For Heavy Clean, Add	1.91	
02 90 50 00-0048	EA	Up To 6' Long Lined Drapery (Per Pleat), Light Clean For Disaster Clean-up.....	1.69	
		For Medium Clean, Add	0.71	
		For Heavy Clean, Add	2.20	
02 90 50 00-0049	EA	>6' To 8' Drapery (Per Pleat), Light Clean For Disaster Clean-up.....	1.54	
		For Medium Clean, Add	0.65	
		For Heavy Clean, Add	2.00	
02 90 50 00-0050	EA	>6' To 8' Lined Drapery (Per Pleat), Light Clean For Disaster Clean-up.....	1.77	
		For Medium Clean, Add	0.74	
		For Heavy Clean, Add	2.30	
02 90 50 00-0051	EA	>8' To 10' Drapery (Per Pleat), Light Clean For Disaster Clean-up.....	1.89	
		For Medium Clean, Add	0.79	
		For Heavy Clean, Add	2.46	
02 90 50 00-0052	EA	>8' To 10' Lined Drapery (Per Pleat), Light Clean For Disaster Clean-up.....	2.17	
		For Medium Clean, Add	0.91	
		For Heavy Clean, Add	2.82	
02 90 50 00-0053 Clean Appliances (02 90 50 00-0008)				
02 90 50 00-0054	EA	Microwave Oven, Outside, Light Clean For Disaster Clean-up.....	12.98	
		For Medium Clean, Add	5.45	
		For Heavy Clean, Add	16.87	
02 90 50 00-0055	EA	Refrigerator, Outside, Light Clean For Disaster Clean-up.....	30.59	
		For Medium Clean, Add	12.85	
		For Heavy Clean, Add	39.77	
02 90 50 00-0056	EA	Range, Outside, Light Clean For Disaster Clean-up.....	26.44	
		For Medium Clean, Add	11.10	
		For Heavy Clean, Add	34.37	
02 90 50 00-0057 Clean Plumbing (02 90 50 00-0008)				
02 90 50 00-0058	EA	Water Heater, Light Clean For Disaster Clean-up.....	18.80	
		For Medium Clean, Add	7.90	
		For Heavy Clean, Add	24.44	
02 90 50 00-0059	EA	Plumbing Fixture, Light Clean For Disaster Clean-up.....	18.99	
		For Medium Clean, Add	7.98	
		For Heavy Clean, Add	24.69	
02 90 50 00-0060	EA	Restroom Accessory, Light Clean For Disaster Clean-up.....	8.71	
		For Medium Clean, Add	3.66	
		For Heavy Clean, Add	11.32	
02 90 50 00-0061 Clean HVAC (02 90 50 00-0008)				
02 90 50 00-0062	LF	Baseboard Heater, Light Clean For Disaster Clean-up.....	5.62	
		For Medium Clean, Add	2.36	
		For Heavy Clean, Add	7.31	
02 90 50 00-0063	LF	Ductwork, Exterior Wipe, Light Clean For Disaster Clean-up.....	15.67	
		For Medium Clean, Add	6.58	
		For Heavy Clean, Add	20.37	
02 90 50 00-0064	EA	Ductwork, Interior (Per Grille/Register), Light Clean For Disaster Clean-up.....	60.16	
		For Medium Clean, Add	25.27	
		For Heavy Clean, Add	78.21	
02 90 50 00-0065	EA	Grille/Register, Light Clean For Disaster Clean-up.....	5.64	
		For Medium Clean, Add	2.37	
		For Heavy Clean, Add	7.33	
02 90 50 00-0066	EA	Air Handling Unit, Exterior Wipe, Light Clean For Disaster Clean-up.....	39.06	
		For Medium Clean, Add	16.41	
		For Heavy Clean, Add	50.78	



Existing Conditions		02
Disaster Recovery		02 90
Cleaning and Disaster Clean-up		02 90 50

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 50 00-0067 EA Furnace, Exterior Wipe, Light Clean For Disaster Clean-up For Medium Clean, Add For Heavy Clean, Add	34.78 14.61 45.21	
02 90 50 00-0068 Clean Electrical (02 90 50 00-0008)		
02 90 50 00-0069 EA Electric Fan, Light Clean For Disaster Clean-up For Medium Clean, Add For Heavy Clean, Add	23.19 9.74 30.15	
02 90 50 00-0070 EA Ceiling Fan, Light Clean For Disaster Clean-up For Medium Clean, Add For Heavy Clean, Add	25.07 10.53 32.59	
02 90 50 00-0071 EA Ceiling Fan And Light, Light Clean For Disaster Clean-up For Medium Clean, Add For Heavy Clean, Add	32.59 13.69 42.37	
02 90 50 00-0072 EA Ceiling Exhaust Fan, Light Clean For Disaster Clean-up For Medium Clean, Add For Heavy Clean, Add	22.87 9.61 29.73	
02 90 50 00-0073 EA 2' x 4' Light Fixture, Light Clean For Disaster Clean-up For Medium Clean, Add For Heavy Clean, Add	15.05 6.32 19.57	
02 90 50 00-0074 EA Light Fixture, Light Clean For Disaster Clean-up For Medium Clean, Add For Heavy Clean, Add	6.89 2.89 8.96	
02 90 50 00-0075 EA Smoke Detector, Light Clean For Disaster Clean-up For Medium Clean, Add For Heavy Clean, Add	5.33 2.24 6.93	
02 90 50 00-0076 EA Thermostat, Light Clean For Disaster Clean-up For Medium Clean, Add For Heavy Clean, Add	1.88 0.79 2.44	
02 90 50 00-0077 Thermal Fog (02 90 50 00-0008)		
02 90 50 00-0078 CF Clean And Deodorize Building With Thermal Fog For Disaster Clean-up	0.02	
02 90 50 00-0079 Contents Manipulation (02 90 50)		
02 90 50 00-0080 SF Cover Contents With 6 Mil Plastic Sheeting For Disaster Clean-up	0.24	
02 90 50 00-0081 SF Floor Protection, Adhesive Film For Disaster Clean-up	0.29	
02 90 50 00-0082 SF Move Contents Out And Later Reset For Disaster Clean-up	0.50	
02 90 50 00-0083 MO 20' Long Job Site Storage Trailer For Disaster Clean-up	193.09	
02 90 50 00-0084 MO 40' Long Job Site Storage Trailer For Disaster Clean-up	256.07	
02 90 50 00-0085 EA Delivery Or Pickup Job Site Storage Trailer For Disaster Clean-up	145.76	
02 90 50 00-0086 Water Disaster Clean-up (02 90 50)		
02 90 50 00-0087 LF Detach Baseboard For Disaster Clean-up	0.67	
02 90 50 00-0088 LF Detach And Later Reset Baseboard For Disaster Clean-up	1.20	
02 90 50 00-0089 EA Block And Pad Furniture (Per Piece Of Furniture) For Disaster Clean-up	4.44	
02 90 50 00-0090 SF Water Extraction From Floor For Disaster Clean-up	0.46	
02 90 50 00-0091 SF Gray Water Extraction From Floor For Disaster Clean-up	0.75	
02 90 50 00-0092 SF Black Water Extraction From Floor For Disaster Clean-up	1.18	
02 90 50 00-0093 SF Tear Out Wet Non-Salvageable Carpet For Disaster Clean-up	0.37	
02 90 50 00-0094 SF Tear Out Wet Non-Salvageable Carpet, Black Water For Disaster Clean-up	0.44	
02 90 50 00-0095 SF Tear Out Wet Non-Salvageable Glue Down Carpet For Disaster Clean-up	0.66	
02 90 50 00-0096 SF Tear Out Wet Non-Salvageable Glue Down Carpet, Black Water For Disaster Clean-up	0.96	
02 90 50 00-0097 SF Tear Out Vinyl Flooring For Disaster Clean-up	0.91	
02 90 50 00-0098 SF Tear Out Vinyl Flooring, Black Water For Disaster Clean-up	1.33	
02 90 50 00-0099 SF Tear Out Wood Flooring, Black Water For Disaster Clean-up	3.45	
02 90 50 00-0100 SF Tear Out Laminated Wood Flooring For Disaster Clean-up	1.69	
02 90 50 00-0101 SF Tear Out Laminated Wood Flooring, Black Water For Disaster Clean-up	2.48	
02 90 50 00-0102 SF Tear Out Wet Ceiling Tile For Disaster Clean-up	0.28	
02 90 50 00-0103 SF Tear Out Batt Insulation For Disaster Clean-up	0.28	
02 90 50 00-0104 SF Tear Out Wet Gypsum Board For Disaster Clean-up	0.48	
02 90 50 00-0105 SF Apply Anti-microbial Agent For Disaster Clean-up	0.28	
02 90 50 00-0106 SF High Efficiency Particulate Air (HEPA) Vacuuming For Disaster Clean-up	0.36	
02 90 50 00-0107 Board Up And Tarp Up (02 90 50)		
02 90 50 00-0108 SF Polyethylene Tarp On Roof For Disaster Clean-up	0.28	
02 90 50 00-0109 SF 1/2" Temporary Plywood On Roof For Disaster Clean-up	1.61	
02 90 50 00-0110 SF 5/8" Temporary Plywood On Roof For Disaster Clean-up	1.85	
02 90 50 00-0111 SF 3/4" Temporary Plywood On Roof For Disaster Clean-up	2.02	
02 90 50 00-0112 SF 1/2" Temporary Plywood On Wall Or Windows For Disaster Clean-up	1.98	
02 90 50 00-0113 SF 5/8" Temporary Plywood On Wall Or Windows For Disaster Clean-up	2.22	
02 90 50 00-0114 SF 3/4" Temporary Plywood On Wall Or Windows For Disaster Clean-up	2.39	
02 90 50 00-0115 Minimum Charges (02 90 50)		
02 90 50 00-0116 EA Disaster Cleaning Minimum Charge	1,405.43	
02 90 50 00-0117 EA Disaster Water Extraction Minimum Charge	291.42	

02 Existing Conditions**02 90 Disaster Recovery****02 90 50 Cleaning and Disaster Clean-up**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

02 90 50 00-0118 EA Disaster Carpet Cleaning Minimum Charge.....248.62

02 90 50 00-0119 Document Restoration (02 90 50)

02 90 50 00-0120	EA	Book Rebinding, Each For Document Restoration	128.39
02 90 50 00-0121	EA	Book Recasing, Each For Document Restoration.....	64.18
02 90 50 00-0122	EA	Boxes-MCS, 1.2 CF For Document Restoration	9.14
02 90 50 00-0123	EA	Boxes-MCS, 2.0 CF For Document Restoration	10.08
02 90 50 00-0124	EA	Boxes Bankers For Document Restoration.....	20.51
02 90 50 00-0125	EA	Boxes Standard Packout For Document Restoration	5.85
02 90 50 00-0126	EA	Boxes X Ray For Document Restoration	12.85
02 90 50 00-0127	EA	CD Scanning and Diagnostics, Each For Document Restoration	12.85
02 90 50 00-0128	EA	Cleaning Antique Books, Each For Document Restoration.....	385.15
02 90 50 00-0129	EA	Cleaning Catheter Roll, Per Roll For Document Restoration	51.34
02 90 50 00-0130	EA	Cleaning CD And DVD, Per Disc For Document Restoration	5.16
02 90 50 00-0131	EA	Cleaning Level 1 - Blue Prints, Each For Document Restoration	4.08
02 90 50 00-0132	CF	Cleaning Level 1 - Document Per CF For Document Restoration	126.57
02 90 50 00-0133	EA	Cleaning Level 1 - Linen, Each For Document Restoration	4.08
02 90 50 00-0134	EA	Cleaning Level 1 - Mylar, Each For Document Restoration	4.08
02 90 50 00-0135	EA	Cleaning Level 2 - Blue Print, Each For Document Restoration	5.08
02 90 50 00-0136	CF	Cleaning Level 2 - Document Per CF For Document Restoration	189.68
02 90 50 00-0137	EA	Cleaning Level 2 - Linen, Each For Document Restoration	5.08
02 90 50 00-0138	EA	Cleaning Level 2 - Mylar, Each For Document Restoration	5.08
02 90 50 00-0139	EA	Cleaning Level 3 - Blue Prints, Each For Document Restoration	7.20
02 90 50 00-0140	CF	Cleaning Level 3 - Document Per CF For Document Restoration	253.10
02 90 50 00-0141	EA	Cleaning Level 3 - Linen, Each For Document Restoration	7.20
02 90 50 00-0142	EA	Cleaning Level 3 - Mylar, Each For Document Restoration	7.20
02 90 50 00-0143	EA	Cleaning Level 4 - All Fire-Blue Print, Each For Document Restoration	10.09
02 90 50 00-0144	EA	Cleaning Level 4 - All Fire-Linen, Each For Document Restoration	10.09
02 90 50 00-0145	EA	Cleaning Level 4 - All Fire-Mylar, Each For Document Restoration	10.09
02 90 50 00-0146	CF	Cleaning Level 4 - Light Fire-Documnet Per CF For Document Restoration	316.31
02 90 50 00-0147	EA	Cleaning Level 5 - Severe Fire-Blue Print, Each For Document Restoration	11.18
02 90 50 00-0148	CF	Cleaning Level 5 - Severe Fire-Documnet Per CF For Document Restoration	474.61
02 90 50 00-0149	EA	Cleaning Level 5 - Severe Fire-Linen, Each For Document Restoration	11.18
02 90 50 00-0150	EA	Cleaning Level 5 - Severe Fire-Mylar, Each For Document Restoration	11.18
02 90 50 00-0151	EA	Cleaning Microfiche Sheets, Each For Document Restoration	3.97
02 90 50 00-0152	EA	Cleaning Microfiche Strips, Each For Document Restoration	0.92
02 90 50 00-0153	EA	Cleaning Microfilm Rolls (In House), Per Roll For Document Restoration	128.39
02 90 50 00-0154	EA	Cleaning Microfilm Rolls (Outside), Per Roll For Document Restoration	179.75
02 90 50 00-0155	EA	Cleaning Photographs Negatives, Per Negative For Document Restoration	3.97
02 90 50 00-0156	EA	Cleaning Photographs, Each For Document Restoration	0.92
02 90 50 00-0157	EA	Cleaning Record Albums, Each For Document Restoration	5.16
02 90 50 00-0158	EA	Cleaning VHS And Beta Tapes-In House, Each For Document Restoration	12.85
02 90 50 00-0159	EA	Cleaning VHS And Beta Tapes-Outside, Each For Document Restoration	51.34
02 90 50 00-0160	EA	Cleaning X Ray 1-1000, Per Film For Document Restoration.....	5.41
02 90 50 00-0161	EA	Cleaning X Ray 1K-5K, Per Film For Document Restoration.....	4.62
02 90 50 00-0162	EA	Cleaning X Ray 5K-Up, Per Film For Document Restoration.....	3.63
02 90 50 00-0163	EA	Copying Clean Water, Per Page For Document Restoration	0.53
02 90 50 00-0164	EA	Copying Greywater Fire, Per Page For Document Restoration	1.39
02 90 50 00-0165	CF	Deodorization, Vapor Tech For Document Restoration	9.28
02 90 50 00-0166	CF	Disinfectant-Fogging For Document Restoration	18.00
02 90 50 00-0167	EA	Document Disposal In House No Shredding For Document Restoration	72.11
02 90 50 00-0168	EA	Document Disposal In House With Shredding For Document Restoration	19.68
02 90 50 00-0169	CF	Up To 150 CF, Drying-MCS Center For Document Restoration	231.09
02 90 50 00-0170	CF	>150 To 500 CF, Drying-MCS Center For Document Restoration	179.75
02 90 50 00-0171	CF	>500 CF, Drying-MCS Center For Document Restoration	154.06
02 90 50 00-0172	CF	>50 To 150 CF, Drying-MCS Center For Document Restoration	205.42
02 90 50 00-0173	CF	Up To 500 CF, Drying-Onsite For Document Restoration	385.15
02 90 50 00-0174	CF	>500 CF, Drying-Onsite For Document Restoration	236.27
02 90 50 00-0175	EA	Drying Antique Books, Each For Document Restoration	51.34
02 90 50 00-0176	EA	Drying Blue Prints, Each For Document Restoration	6.42
02 90 50 00-0177	EA	DVD Scanning And Diagnostics, Each For Document Restoration	12.85
02 90 50 00-0178	EA	Freeze Drying (In House) For Document Restoration.....	131.61
02 90 50 00-0179	EA	Freeze Drying (Outside) For Document Restoration.....	112.81
02 90 50 00-0180	EA	Up To 48 CF, Irradiation - Gamma (Minimum Charge) For Document Restoration	3,102.16
02 90 50 00-0181	CF	>48 CF, Irradiation - Gamma (Per CF Charge) For Document Restoration	28.20
02 90 50 00-0182	EA	Minimal Drying Jobs For Document Restoration.....	1,306.67
02 90 50 00-0183	EA	Monthly Storage For Document Restoration	235.01
02 90 50 00-0184	EA	Mylar Prints For Document Restoration	12.85
02 90 50 00-0185	CF	Ozoning For Document Restoration	8.34
02 90 50 00-0186	CF	Stabilization Freezer Storage, Per Cubic Foot Per Month For Document Restoration	11.36
02 90 50 00-0187	MO	Stabilization Freezer Storage, Per Page-Per Month For Document Restoration	0.12
02 90 50 00-0188	EA	Wood Pallets, Each For Document Restoration.....	31.57

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

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



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 55 00-0002	Emergency Clean-up Labor (02 90 55 00-0001) Note: Used in the performance of time and material projects. Labor costs are based on workers familiar with and skilled in the performance of the task following restoration requirements. Not to be used in conjunction with tasks in the Cleaning, Contents Manipulation, and Water Emergency Clean-up sections.	
02 90 55 00-0003 HR	Skilled Tradesman For Emergency Clean Up.....	61.68
02 90 55 00-0004 HR	Restoration / Document Laborer For Emergency Clean Up	43.18
02 90 55 00-0005 HR	Restoration / Document Supervisor For Emergency Clean Up.....	59.37
02 90 55 00-0006 HR	Restoration / Document Project Manager For Emergency Clean Up.....	97.15
02 90 55 00-0007 HR	Assistant Project Manager For Emergency Clean Up.....	80.96
02 90 55 00-0008 HR	Senior Project Manager For Emergency Clean Up.....	113.34
02 90 55 00-0009 HR	Project Director / Document Consultant / Account Manager For Emergency Clean Up	161.91
02 90 55 00-0010 HR	Equipment Technician For Emergency Clean Up.....	118.73
02 90 55 00-0011 HR	Mold Remediation Laborer For Emergency Clean Up	59.11
02 90 55 00-0012 HR	Mold Remediation Supervisor For Emergency Clean Up	80.96
02 90 55 00-0013 HR	Administrative Personnel For Emergency Clean Up	37.78
02 90 55 00-0014 HR	Project Accountant For Emergency Clean Up	61.68
02 90 55 00-0015 HR	Biohazard Technician For Emergency Clean Up	85.71
02 90 55 00-0016 HR	Biohazard Supervisor For Emergency Clean Up	103.06
02 90 55 00-0017 HR	Health And Safety Officer For Emergency Clean Up.....	92.52
02 90 55 00-0018 HR	Resource And Logistics Coordinator For Emergency Clean Up	66.82
02 90 55 00-0019 HR	Loss Control Specialist For Emergency Clean Up.....	64.76
02 90 55 00-0020 HR	Moisture Control Specialist For Emergency Clean Up	53.46
02 90 55 00-0021 HR	Mobilization Support For Emergency Clean Up.....	32.90
02 90 55 00-0022	Emergency Clean-up Equipment (02 90 55 00-0001) Note: Used in the performance of time and material projects. Not used in conjunction with tasks in the Cleaning, Contents Manipulation, and Water Emergency Clean-up sections.	
02 90 55 00-0023	General Emergency Clean-up Equipment (02 90 55 00-0022)	
02 90 55 00-0024 DAY	265 CFM Portable Ozone Machine, 12,000 MG/HR For Emergency Clean-up.....	107.35
02 90 55 00-0025 WK	265 CFM Portable Ozone Machine, 12,000 MG/HR For Emergency Clean-up.....	409.53
02 90 55 00-0026 MO	265 CFM Portable Ozone Machine, 12,000 MG/HR For Emergency Clean-up.....	1,121.23
02 90 55 00-0027 DAY	13" Floor Buffer Rental For Emergency Clean-up	55.06
02 90 55 00-0028 WK	13" Floor Buffer Rental For Emergency Clean-up	147.10
02 90 55 00-0029 MO	13" Floor Buffer Rental For Emergency Clean-up	406.07
02 90 55 00-0030 DAY	17" Floor Buffer Rental For Emergency Clean-up	101.52
02 90 55 00-0031 WK	17" Floor Buffer Rental For Emergency Clean-up	258.98
02 90 55 00-0032 MO	17" Floor Buffer Rental For Emergency Clean-up	611.18
02 90 55 00-0033 DAY	Walk Behind Floor Scrubber Rental For Emergency Clean-up.....	559.39
02 90 55 00-0034 WK	Walk Behind Floor Scrubber Rental For Emergency Clean-up.....	1,502.06
02 90 55 00-0035 MO	Walk Behind Floor Scrubber Rental For Emergency Clean-up.....	4,185.04
02 90 55 00-0036 DAY	Ride-On Floor Scrubber Rental For Emergency Clean-up	1,263.80
02 90 55 00-0037 WK	Ride-On Floor Scrubber Rental For Emergency Clean-up	3,335.60
02 90 55 00-0038 MO	Ride-On Floor Scrubber Rental For Emergency Clean-up	8,991.61
02 90 55 00-0039 DAY	4 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up	91.16
02 90 55 00-0040 WK	4 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up	258.98
02 90 55 00-0041 MO	4 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up	890.87
02 90 55 00-0042 DAY	8 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up	84.94
02 90 55 00-0043 WK	8 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up	227.90
02 90 55 00-0044 MO	8 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up	590.46
02 90 55 00-0045 DAY	17 to 30 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up	135.91
02 90 55 00-0046 WK	17 to 30 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up	387.84
02 90 55 00-0047 MO	17 to 30 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up	1,083.97
02 90 55 00-0048 DAY	Truck Mounted Extractor Rental For Emergency Clean-up	965.45
02 90 55 00-0049 WK	Truck Mounted Extractor Rental For Emergency Clean-up	2,896.34
02 90 55 00-0050 MO	Truck Mounted Extractor Rental For Emergency Clean-up	8,689.03
02 90 55 00-0051 DAY	16" Chain Saw Rental For Emergency Clean-up.....	99.45
02 90 55 00-0052 WK	16" Chain Saw Rental For Emergency Clean-up.....	223.75
02 90 55 00-0053 MO	16" Chain Saw Rental For Emergency Clean-up.....	596.68
02 90 55 00-0054 DAY	20" Chain Saw Rental For Emergency Clean-up.....	124.31
02 90 55 00-0055 WK	20" Chain Saw Rental For Emergency Clean-up.....	279.69
02 90 55 00-0056 MO	20" Chain Saw Rental For Emergency Clean-up.....	745.85
02 90 55 00-0057 EA	Cleaning Kit With Mop, Broom And Bucket For Emergency Clean-up.....	93.23
02 90 55 00-0058 DAY	14" To 16" Electric Cut Off Saw Rental For Emergency Clean-up.....	132.60
02 90 55 00-0059 WK	14" To 16" Electric Cut Off Saw Rental For Emergency Clean-up.....	362.56
02 90 55 00-0060 MO	14" To 16" Electric Cut Off Saw Rental For Emergency Clean-up.....	1,015.18
02 90 55 00-0061 DAY	12" To 14" Gasoline Cut Off Saw Rental For Emergency Clean-up	161.60
02 90 55 00-0062 WK	12" To 14" Gasoline Cut Off Saw Rental For Emergency Clean-up	549.03
02 90 55 00-0063 MO	12" To 14" Gasoline Cut Off Saw Rental For Emergency Clean-up	1,046.26
02 90 55 00-0064 DAY	Wet Or Dry Portable Cleaning Unit For Emergency Clean-up	155.99
02 90 55 00-0065 WK	Wet Or Dry Portable Cleaning Unit For Emergency Clean-up	428.98
02 90 55 00-0066 MO	Wet Or Dry Portable Cleaning Unit For Emergency Clean-up	1,169.93
02 90 55 00-0067 DAY	Extension Cords - 220 Volt For Emergency Clean-up	51.80
02 90 55 00-0068 DAY	Extension Cords - 220 Volt Converter Box For Emergency Clean-up	31.08
02 90 55 00-0069 DAY	Demolition Cart, 1 Yard For Emergency Clean-up.....	82.87
02 90 55 00-0070 WK	Demolition Cart, 1 Yard For Emergency Clean-up.....	227.90
02 90 55 00-0071 MO	Demolition Cart, 1 Yard For Emergency Clean-up.....	621.54
02 90 55 00-0072 DAY	Demolition Cart, 1-1/2 Yard For Emergency Clean-up	103.59
02 90 55 00-0073 WK	Demolition Cart, 1-1/2 Yard For Emergency Clean-up	284.87
02 90 55 00-0074 MO	Demolition Cart, 1-1/2 Yard For Emergency Clean-up	776.92

02 Existing Conditions**02 90 Disaster Recovery****02 90 55 Emergency Clean-up**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

02 90 55 00-0075	EA	Demolition Kit With Wheel Barrow, Shovel And Broom For Emergency Clean-up	155.38
02 90 55 00-0076	DAY	Dry-Ice Blasting System For Emergency Clean-up	1,830.28
02 90 55 00-0077	DAY	Fogger - Mist For Emergency Clean-up	45.88
02 90 55 00-0078	WK	Fogger - Mist For Emergency Clean-up	126.17
02 90 55 00-0079	MO	Fogger - Mist For Emergency Clean-up	344.10
02 90 55 00-0080	DAY	Fogger - Electric Thermal For Emergency Clean-up	66.07
02 90 55 00-0081	WK	Fogger - Electric Thermal For Emergency Clean-up	181.68
02 90 55 00-0082	MO	Fogger - Electric Thermal For Emergency Clean-up	495.50
02 90 55 00-0083	DAY	Fogger - Gas Power Thermal For Emergency Clean-up	191.10
02 90 55 00-0084	WK	Fogger - Gas Power Thermal For Emergency Clean-up	525.52
02 90 55 00-0085	MO	Fogger - Gas Power Thermal For Emergency Clean-up	1,433.23
02 90 55 00-0086	EA	Gang Box, Demo/Framing (One Time Per Job) For Emergency Clean-up	218.48
02 90 55 00-0087	WK	Gang Box, Demo/Framing (One Time Per Job) For Emergency Clean-up	600.81
02 90 55 00-0088	MO	Gang Box, Demo/Framing (One Time Per Job) For Emergency Clean-up	1,638.56
02 90 55 00-0089	DAY	Hand Trucks/Dollies For Emergency Clean-up	24.86
02 90 55 00-0090	WK	Hand Trucks/Dollies For Emergency Clean-up	68.37
02 90 55 00-0091	MO	Hand Trucks/Dollies For Emergency Clean-up	186.46
02 90 55 00-0092	DAY	Heat Gun - Shrink Wrap For Emergency Clean-up	141.01
02 90 55 00-0093	WK	Heat Gun - Shrinkwrap For Emergency Clean-up	387.77
02 90 55 00-0094	MO	Heat Gun - Shrinkwrap For Emergency Clean-up	1,057.56
02 90 55 00-0095	DAY	High Efficiency Particulate Air (HEPA) Negative Air Machine For Emergency Clean-up	192.26
Note: Includes all filters.			
02 90 55 00-0096	DAY	Ladder For Emergency Clean-up	35.22
02 90 55 00-0097	DAY	Lights - Demo, Drop, Stand, String For Emergency Clean-up	33.03
02 90 55 00-0098	DAY	Lights - Wobble For Emergency Clean-up	40.37
02 90 55 00-0099	DAY	Moisture Meter For Emergency Clean-up	55.06
02 90 55 00-0100	WK	Moisture Meter For Emergency Clean-up	151.40
02 90 55 00-0101	MO	Moisture Meter For Emergency Clean-up	412.92
02 90 55 00-0102	DAY	Nail Gun For Emergency Clean-up	93.23
02 90 55 00-0103	WK	Nail Gun For Emergency Clean-up	256.39
02 90 55 00-0104	MO	Nail Gun For Emergency Clean-up	699.23
02 90 55 00-0105	DAY	Ozone Generator For Emergency Clean-up	229.40
02 90 55 00-0106	DAY	PPE (Personal Protective Equipment) Mold Remediation Related For Emergency Clean-up	124.31
02 90 55 00-0107	DAY	Portable Generator, Up To 7,500 Watt For Emergency Clean-up	183.52
02 90 55 00-0108	DAY	Pressure Washer, Hot For Emergency Clean-up	275.28
02 90 55 00-0109	DAY	Pressure Washer, Cold For Emergency Clean-up	183.52
02 90 55 00-0110	DAY	Scaffolding - Per Section For Emergency Clean-up	134.67
02 90 55 00-0111	DAY	Small Tools - Tool Box For Emergency Clean-up	51.80
02 90 55 00-0112	DAY	Soda Blasting Equipment For Emergency Clean-up	1,816.18
02 90 55 00-0113	DAY	Sprayer - Hudson For Emergency Clean-up	16.57
02 90 55 00-0114	WK	Sprayer - Hudson For Emergency Clean-up	45.58
02 90 55 00-0115	MO	Sprayer - Hudson For Emergency Clean-up	124.31
02 90 55 00-0116	DAY	0.47 GPM, Airless Paint Sprayer For Emergency Clean-up	111.96
02 90 55 00-0117	WK	0.47 GPM, Airless Paint Sprayer For Emergency Clean-up	329.42
02 90 55 00-0118	MO	0.47 GPM, Airless Paint Sprayer For Emergency Clean-up	1,127.52
02 90 55 00-0119	DAY	0.60 GPM, Airless Paint Sprayer For Emergency Clean-up	220.77
02 90 55 00-0120	WK	0.60 GPM, Airless Paint Sprayer For Emergency Clean-up	520.39
02 90 55 00-0121	MO	0.60 GPM, Airless Paint Sprayer For Emergency Clean-up	1,450.80
02 90 55 00-0122	DAY	0.80 GPM, Airless Paint Sprayer For Emergency Clean-up	236.54
02 90 55 00-0123	WK	0.80 GPM, Airless Paint Sprayer For Emergency Clean-up	591.35
02 90 55 00-0124	MO	0.80 GPM, Airless Paint Sprayer For Emergency Clean-up	1,592.72
02 90 55 00-0125	DAY	Storage Space (Per SF Per Day) For Emergency Clean-up	4.55
02 90 55 00-0126	DAY	Submersible Pump For Emergency Clean-up	45.88
02 90 55 00-0127	DAY	Trash Pump - 2" Gas Powered For Emergency Clean-up	261.33
02 90 55 00-0128	DAY	Vehicle, Pick-up, SUV, Car For Emergency Clean-up	129.73
02 90 55 00-0129	DAY	Vehicle, Van For Emergency Clean-up	211.51
02 90 55 00-0130	DAY	16' Or 24' Box Truck Vehicle For Emergency Clean-up	265.41
Note: Includes Mileage			
02 90 55 00-0131	DAY	Trailer - Refrigerated 40' Storage For Emergency Clean-up	281.08
02 90 55 00-0132	DAY	Utility Trailer For Emergency Clean-up	234.07
Note: Includes Mileage			
02 90 55 00-0133	DAY	Truck Mount, Per Wand Extraction For Emergency Clean-up	1,055.68
02 90 55 00-0134	DAY	High Efficiency Particulate Air (HEPA) Backpack Vacuum For Emergency Clean-up	45.88
02 90 55 00-0135	WK	High Efficiency Particulate Air (HEPA) Backpack Vacuum For Emergency Clean-up	126.17
02 90 55 00-0136	MO	High Efficiency Particulate Air (HEPA) Backpack Vacuum For Emergency Clean-up	344.10
02 90 55 00-0137	DAY	12 Gallon, Industrial High Efficiency Particulate Air (HEPA) Vacuum For Emergency Clean-up	155.99
02 90 55 00-0138	WK	12 Gallon, Industrial High Efficiency Particulate Air (HEPA) Vacuum For Emergency Clean-up	428.98
02 90 55 00-0139	MO	12 Gallon, Industrial High Efficiency Particulate Air (HEPA) Vacuum For Emergency Clean-up	1,169.93
02 90 55 00-0140	DAY	Vacuum - Upright For Emergency Clean-up	31.02
02 90 55 00-0141	WK	Vacuum - Upright For Emergency Clean-up	85.31
02 90 55 00-0142	MO	Vacuum - Upright For Emergency Clean-up	232.66
02 90 55 00-0143	DAY	12 To 23 Gallon, Wet/Dry Shop Vacuum For Emergency Clean-up	64.23
02 90 55 00-0144	WK	12 To 23 Gallon, Wet/Dry Shop Vacuum For Emergency Clean-up	159.53
02 90 55 00-0145	MO	12 To 23 Gallon, Wet/Dry Shop Vacuum For Emergency Clean-up	383.28
02 90 55 00-0146	DAY	55 Gallon Wet/Dry Drum Top Vacuum For Emergency Clean-up	64.23
02 90 55 00-0147	WK	55 Gallon Wet/Dry Drum Top Vacuum For Emergency Clean-up	159.53
02 90 55 00-0148	MO	55 Gallon Wet/Dry Drum Top Vacuum For Emergency Clean-up	404.00
02 90 55 00-0149	DAY	17 Gallon Wet Vacuum With Pump Discharge For Emergency Clean-up	147.10
02 90 55 00-0150	WK	17 Gallon Wet Vacuum With Pump Discharge For Emergency Clean-up	393.64
02 90 55 00-0151	MO	17 Gallon Wet Vacuum With Pump Discharge For Emergency Clean-up	1,098.05
02 90 55 00-0152	DAY	Zip Wall Poles (Per 2 Poles) For Emergency Clean-up	45.88



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 55 00-0153 WK Zip Wall Poles (Per 2 Poles) For Emergency Clean-up	126.17	
02 90 55 00-0154 MO Zip Wall Poles (Per 2 Poles) For Emergency Clean-up	344.10	
02 90 55 00-0155 DAY 10' x 10' Canopy For Emergency Clean-up	130.52	
02 90 55 00-0156 WK 10' x 10' Canopy For Emergency Clean-up	261.05	
02 90 55 00-0157 MO 10' x 10' Canopy For Emergency Clean-up	522.09	
02 90 55 00-0158 DAY 10' x 20' Canopy For Emergency Clean-up	261.05	
02 90 55 00-0159 WK 10' x 20' Canopy For Emergency Clean-up	522.09	
02 90 55 00-0160 MO 10' x 20' Canopy For Emergency Clean-up	1,044.19	
02 90 55 00-0161 DAY 16' x 16' Canopy For Emergency Clean-up	327.34	
02 90 55 00-0162 WK 16' x 16' Canopy For Emergency Clean-up	654.69	
02 90 55 00-0163 MO 16' x 16' Canopy For Emergency Clean-up	1,309.38	
02 90 55 00-0164 DAY 20' x 20' Canopy For Emergency Clean-up	435.08	
02 90 55 00-0165 WK 20' x 20' Canopy For Emergency Clean-up	870.16	
02 90 55 00-0166 MO 20' x 20' Canopy For Emergency Clean-up	1,740.31	
02 90 55 00-0167 DAY 20' x 30' Canopy For Emergency Clean-up	497.23	
02 90 55 00-0168 WK 20' x 30' Canopy For Emergency Clean-up	994.46	
02 90 55 00-0169 MO 20' x 30' Canopy For Emergency Clean-up	1,988.93	
02 90 55 00-0170 DAY 20' x 40' Canopy For Emergency Clean-up	580.10	
02 90 55 00-0171 WK 20' x 40' Canopy For Emergency Clean-up	1,160.21	
02 90 55 00-0172 MO 20' x 40' Canopy For Emergency Clean-up	2,320.42	
02 90 55 00-0173 DAY First Aid Station For Emergency Clean-up	313.26	
02 90 55 00-0174 WK First Aid Station For Emergency Clean-up	861.45	
02 90 55 00-0175 MO First Aid Station For Emergency Clean-up	2,349.42	
02 90 55 00-0176 DAY Portable Eyewash Station For Emergency Clean-up	95.14	
02 90 55 00-0177 WK Portable Eyewash Station For Emergency Clean-up	261.63	
02 90 55 00-0178 MO Portable Eyewash Station For Emergency Clean-up	713.53	
02 90 55 00-0179 DAY 2 Way Radio For Emergency Clean-up	39.48	

02 90 55 00-0180 Technical/Electronics Restoration Equipment (02 90 55 00-0022)

02 90 55 00-0181 DAY Computer - Diagnostic For Emergency Clean-up	51.80	
02 90 55 00-0182 WK Computer - Diagnostic For Emergency Clean-up	142.44	
02 90 55 00-0183 MO Computer - Diagnostic For Emergency Clean-up	388.46	
02 90 55 00-0184 DAY Convection Oven - Large For Emergency Clean-up	820.66	
02 90 55 00-0185 WK Convection Oven - Large For Emergency Clean-up	2,256.82	
02 90 55 00-0186 MO Convection Oven - Large For Emergency Clean-up	6,154.98	
02 90 55 00-0187 DAY Convection Oven - Small For Emergency Clean-up	186.46	
02 90 55 00-0188 WK Convection Oven - Small For Emergency Clean-up	512.77	
02 90 55 00-0189 MO Convection Oven - Small For Emergency Clean-up	1,398.46	
02 90 55 00-0190 DAY Convection Oven - Vacuum For Emergency Clean-up	1,171.30	
02 90 55 00-0191 WK Convection Oven - Vacuum For Emergency Clean-up	3,221.08	
02 90 55 00-0192 MO Convection Oven - Vacuum For Emergency Clean-up	8,784.77	
02 90 55 00-0193 DAY Decontamination Booth For Emergency Clean-up	968.25	
02 90 55 00-0194 WK Decontamination Booth For Emergency Clean-up	2,662.69	
02 90 55 00-0195 MO Decontamination Booth For Emergency Clean-up	7,261.89	
02 90 55 00-0196 DAY DI Water System For Emergency Clean-up	75.20	
02 90 55 00-0197 WK DI Water System For Emergency Clean-up	206.81	
02 90 55 00-0198 MO DI Water System For Emergency Clean-up	564.03	
02 90 55 00-0199 DAY ESD Bench Workstation For Emergency Clean-up	46.06	
02 90 55 00-0200 WK ESD Bench Workstation For Emergency Clean-up	126.67	
02 90 55 00-0201 MO ESD Bench Workstation For Emergency Clean-up	345.47	
02 90 55 00-0202 DAY Heater/Enclosure Control System For Emergency Clean-up	31.08	
02 90 55 00-0203 WK Heater/Enclosure Control System For Emergency Clean-up	85.46	
02 90 55 00-0204 MO Heater/Enclosure Control System For Emergency Clean-up	233.08	
02 90 55 00-0205 DAY Hi-Tech Mobile Cart/Workstation For Emergency Clean-up	118.45	
02 90 55 00-0206 WK Hi-Tech Mobile Cart/Workstation For Emergency Clean-up	325.73	
02 90 55 00-0207 MO Hi-Tech Mobile Cart/Workstation For Emergency Clean-up	888.35	
02 90 55 00-0208 DAY Micro-Blaster/Dust Collector For Emergency Clean-up	466.16	
02 90 55 00-0209 WK Micro-Blaster/Dust Collector For Emergency Clean-up	1,281.93	
02 90 55 00-0210 MO Micro-Blaster/Dust Collector For Emergency Clean-up	3,496.16	
02 90 55 00-0211 DAY Mobile Laboratory For Emergency Clean-up	1,294.88	
02 90 55 00-0212 WK Mobile Laboratory For Emergency Clean-up	3,560.91	
02 90 55 00-0213 MO Mobile Laboratory For Emergency Clean-up	9,711.56	
02 90 55 00-0214 DAY Nitrogen Enclosure Cabinet For Emergency Clean-up	24.86	
02 90 55 00-0215 WK Nitrogen Enclosure Cabinet For Emergency Clean-up	68.37	
02 90 55 00-0216 MO Nitrogen Enclosure Cabinet For Emergency Clean-up	186.46	
02 90 55 00-0217 DAY Odell Cleaning Station For Emergency Clean-up	725.13	
02 90 55 00-0218 WK Odell Cleaning Station For Emergency Clean-up	1,994.11	
02 90 55 00-0219 MO Odell Cleaning Station For Emergency Clean-up	5,438.48	
02 90 55 00-0220 DAY Parts Washer For Emergency Clean-up	51.80	
02 90 55 00-0221 WK Parts Washer For Emergency Clean-up	142.44	
02 90 55 00-0222 MO Parts Washer For Emergency Clean-up	388.46	
02 90 55 00-0223 DAY Ultrasonic Cleaning System For Emergency Clean-up	352.52	
02 90 55 00-0224 WK Ultrasonic Cleaning System For Emergency Clean-up	969.43	
02 90 55 00-0225 MO Ultrasonic Cleaning System For Emergency Clean-up	2,643.89	
02 90 55 00-0226 DAY Technical High Efficiency Particulate Air (HEPA) Vacuum For Emergency Clean-up	155.99	
02 90 55 00-0227 WK Technical High Efficiency Particulate Air (HEPA) Vacuum For Emergency Clean-up	428.98	
02 90 55 00-0228 MO Technical High Efficiency Particulate Air (HEPA) Vacuum For Emergency Clean-up	1,169.93	

02 90 55 00-0229 Drying/Dehumidification Equipment (02 90 55 00-0022)

02 Existing Conditions**02 90 Disaster Recovery****02 90 55 Emergency Clean-up**MINOR
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

02 90 55 00-0230	DAY	202 CFM Water Extraction Unit With Dual 3-Stage Vacuums For Emergency Clean-up.....	229.40	
		Note: Includes 25' high Pressure solution hose and 25' Vacuum hose.		
02 90 55 00-0231	WK	202 CFM Water Extraction Unit With Dual 3-Stage Vacuums For Emergency Clean-up.....	630.85	
		Note: Includes 25' high Pressure solution hose and 25' Vacuum hose.		
02 90 55 00-0232	MO	202 CFM Water Extraction Unit With Dual 3-Stage Vacuums For Emergency Clean-up.....	1,720.49	
		Note: Includes 25' high Pressure solution hose and 25' Vacuum hose.		
02 90 55 00-0233	DAY	2,200 CFM Centrifugal Air Mover For Emergency Clean-up.....	57.63	
02 90 55 00-0234	WK	2,200 CFM Centrifugal Air Mover For Emergency Clean-up.....	158.49	
02 90 55 00-0235	MO	2,200 CFM Centrifugal Air Mover For Emergency Clean-up.....	432.25	
02 90 55 00-0236	DAY	3,000 CFM Axial Air Mover For Emergency Clean-up.....	96.05	
02 90 55 00-0237	WK	3,000 CFM Axial Air Mover For Emergency Clean-up.....	264.15	
02 90 55 00-0238	MO	3,000 CFM Axial Air Mover For Emergency Clean-up.....	720.41	
02 90 55 00-0239	DAY	Injectidry System For Emergency Clean-up.....	284.45	
02 90 55 00-0240	WK	Injectidry System For Emergency Clean-up.....	782.25	
02 90 55 00-0241	MO	Injectidry System For Emergency Clean-up.....	2,133.41	
02 90 55 00-0242	DAY	Up To 100 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up.....	193.52	
02 90 55 00-0243	WK	Up To 100 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up.....	504.68	
02 90 55 00-0244	MO	Up To 100 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up.....	1,376.39	
02 90 55 00-0245	DAY	>100 To 175 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up.....	258.98	
02 90 55 00-0246	WK	>100 To 175 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up.....	712.18	
02 90 55 00-0247	MO	>100 To 175 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up.....	1,942.31	
02 90 55 00-0248	DAY	>175 To 250 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up.....	253.43	
02 90 55 00-0249	WK	>175 To 250 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up.....	696.94	
02 90 55 00-0250	MO	>175 To 250 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up.....	1,900.73	
02 90 55 00-0251	DAY	Phoenix 200 Refrigerant Dehumidifier For Emergency Clean-up.....	270.91	
02 90 55 00-0252	WK	Phoenix 200 Refrigerant Dehumidifier For Emergency Clean-up.....	745.00	
02 90 55 00-0253	MO	Phoenix 200 Refrigerant Dehumidifier For Emergency Clean-up.....	2,031.82	
02 90 55 00-0254	DAY	Phoenix 300 Refrigerant Dehumidifier For Emergency Clean-up.....	270.91	
02 90 55 00-0255	WK	Phoenix 300 Refrigerant Dehumidifier For Emergency Clean-up.....	745.00	
02 90 55 00-0256	MO	Phoenix 300 Refrigerant Dehumidifier For Emergency Clean-up.....	2,031.82	
02 90 55 00-0257	DAY	D-500 Desiccant Dehumidifier For Emergency Clean-up.....	305.86	
02 90 55 00-0258	WK	D-500 Desiccant Dehumidifier For Emergency Clean-up.....	841.13	
02 90 55 00-0259	MO	D-500 Desiccant Dehumidifier For Emergency Clean-up.....	2,293.99	
02 90 55 00-0260	DAY	D-750 Desiccant Dehumidifier For Emergency Clean-up.....	642.32	
02 90 55 00-0261	WK	D-750 Desiccant Dehumidifier For Emergency Clean-up.....	1,766.37	
02 90 55 00-0262	MO	D-750 Desiccant Dehumidifier For Emergency Clean-up.....	4,817.37	
02 90 55 00-0263	DAY	D-1000 Desiccant Dehumidifier For Emergency Clean-up.....	1,101.11	
02 90 55 00-0264	WK	D-1000 Desiccant Dehumidifier For Emergency Clean-up.....	3,028.06	
02 90 55 00-0265	MO	D-1000 Desiccant Dehumidifier For Emergency Clean-up.....	8,258.36	
02 90 55 00-0266	DAY	D-1500 Desiccant Dehumidifier For Emergency Clean-up.....	1,695.37	
02 90 55 00-0267	WK	D-1500 Desiccant Dehumidifier For Emergency Clean-up.....	4,662.26	
02 90 55 00-0268	MO	D-1500 Desiccant Dehumidifier For Emergency Clean-up.....	12,715.24	
02 90 55 00-0269	DAY	D-2000 Desiccant Dehumidifier For Emergency Clean-up.....	1,695.37	
02 90 55 00-0270	WK	D-2000 Desiccant Dehumidifier For Emergency Clean-up.....	4,662.26	
02 90 55 00-0271	MO	D-2000 Desiccant Dehumidifier For Emergency Clean-up.....	12,715.24	
02 90 55 00-0272	DAY	D-2250 Desiccant Dehumidifier For Emergency Clean-up.....	1,770.52	
02 90 55 00-0273	WK	D-2250 Desiccant Dehumidifier For Emergency Clean-up.....	4,868.93	
02 90 55 00-0274	MO	D-2250 Desiccant Dehumidifier For Emergency Clean-up.....	13,278.91	
02 90 55 00-0275	DAY	D-3000 Desiccant Dehumidifier For Emergency Clean-up.....	2,202.23	
02 90 55 00-0276	WK	D-3000 Desiccant Dehumidifier For Emergency Clean-up.....	6,056.13	
02 90 55 00-0277	MO	D-3000 Desiccant Dehumidifier For Emergency Clean-up.....	16,516.71	
02 90 55 00-0278	DAY	D-4500 Desiccant Dehumidifier For Emergency Clean-up.....	2,477.51	
02 90 55 00-0279	WK	D-4500 Desiccant Dehumidifier For Emergency Clean-up.....	6,813.14	
02 90 55 00-0280	MO	D-4500 Desiccant Dehumidifier For Emergency Clean-up.....	18,581.30	
02 90 55 00-0281	DAY	D-5000 Desiccant Dehumidifier For Emergency Clean-up.....	2,661.03	
02 90 55 00-0282	WK	D-5000 Desiccant Dehumidifier For Emergency Clean-up.....	7,317.82	
02 90 55 00-0283	MO	D-5000 Desiccant Dehumidifier For Emergency Clean-up.....	19,957.69	
02 90 55 00-0284	DAY	D-9000 Desiccant Dehumidifier For Emergency Clean-up.....	3,495.60	
02 90 55 00-0285	WK	D-9000 Desiccant Dehumidifier For Emergency Clean-up.....	9,612.90	
02 90 55 00-0286	MO	D-9000 Desiccant Dehumidifier For Emergency Clean-up.....	26,217.00	
02 90 55 00-0287	DAY	D-10500 Desiccant Dehumidifier For Emergency Clean-up.....	3,670.38	
02 90 55 00-0288	WK	D-10500 Desiccant Dehumidifier For Emergency Clean-up.....	10,093.54	
02 90 55 00-0289	MO	D-10500 Desiccant Dehumidifier For Emergency Clean-up.....	27,527.85	
02 90 55 00-0290	DAY	3.5 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....	641.58	
02 90 55 00-0291	WK	3.5 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....	1,764.36	
02 90 55 00-0292	MO	3.5 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....	4,811.88	
02 90 55 00-0293	DAY	5 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....	888.35	
02 90 55 00-0294	WK	5 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....	2,442.95	
02 90 55 00-0295	MO	5 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....	6,662.60	
02 90 55 00-0296	DAY	10 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....	1,101.11	
02 90 55 00-0297	WK	10 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....	3,028.06	
02 90 55 00-0298	MO	10 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....	8,258.36	
02 90 55 00-0299	DAY	25 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....	1,468.15	
02 90 55 00-0300	WK	25 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....	4,037.42	
02 90 55 00-0301	MO	25 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....	11,011.14	
02 90 55 00-0302	DAY	50 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....	2,477.51	
02 90 55 00-0303	WK	50 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....	6,813.14	
02 90 55 00-0304	MO	50 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....	18,581.30	
02 90 55 00-0305	DAY	80 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....	2,752.78	
02 90 55 00-0306	WK	80 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....	7,570.16	
02 90 55 00-0307	MO	80 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....	20,645.89	



Existing Conditions			02
Disaster Recovery			02 90
Emergency Clean-up			02 90 55

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 55 00-0308 DAY 25' Flex Duct For Emergency Clean-up	36.70	
02 90 55 00-0309 WK 25' Flex Duct For Emergency Clean-up	100.94	
02 90 55 00-0310 MO 25' Flex Duct For Emergency Clean-up	275.28	
02 90 55 00-0311 DAY Hygrothermograph For Emergency Clean-up	51.80	
02 90 55 00-0312 WK Hygrothermograph For Emergency Clean-up	142.44	
02 90 55 00-0313 MO Hygrothermograph For Emergency Clean-up	388.46	
02 90 55 00-0314 DAY Dehumidification Trailer With 1,500 CFM Desiccant Unit For Emergency Clean-up	9,289.48	
Note: Includes 400 KW generator, 1500 CFM desiccant DH, 25 Ton DX unit, 1000 gallon fuel tank, and limited electrical distribution.		
02 90 55 00-0315 WK Dehumidification Trailer With 1,500 CFM Desiccant Unit For Emergency Clean-up	25,546.07	
Note: Includes 400 KW generator, 1500 CFM desiccant DH, 25 Ton DX unit, 1000 gallon fuel tank, and limited electrical distribution.		
02 90 55 00-0316 MO Dehumidification Trailer With 1,500 CFM Desiccant Unit For Emergency Clean-up	69,671.11	
Note: Includes 400 KW generator, 1500 CFM desiccant DH, 25 Ton DX unit, 1000 gallon fuel tank, and limited electrical distribution.		
02 90 55 00-0317 Power Equipment (02 90 55 00-0022)		
02 90 55 00-0318 WK Up to 65 KVA Generator For Emergency Clean-up	1,222.06	
02 90 55 00-0319 WK >65 to 125 KVA Generator For Emergency Clean-up	2,068.11	
02 90 55 00-0320 WK >125 to 250 KVA Generator For Emergency Clean-up	2,017.14	
02 90 55 00-0321 WK >250 to 375 KVA Generator For Emergency Clean-up	3,478.18	
02 90 55 00-0322 WK >375 Up to 440 KVA Generator For Emergency Clean-up	4,700.25	
02 90 55 00-0323 WK >440 to 625 KVA Generator For Emergency Clean-up	7,077.70	
02 90 55 00-0324 WK >625 to 800 KVA Generator For Emergency Clean-up	7,238.38	
02 90 55 00-0325 WK >800 to 1,000 KVA Generator For Emergency Clean-up	9,682.52	
02 90 55 00-0326 WK >1,000 to 1,500 KVA Generator For Emergency Clean-up	14,570.78	
02 90 55 00-0327 EA Generator Cable/Pigtails (Per Section) For Emergency Clean-up	31.59	
02 90 55 00-0328 EA Sub-Distribution Panel (Spider Box) For Emergency Clean-up	151.35	
02 90 55 00-0329 EA Electrical Distribution Panel For Emergency Clean-up	352.52	
02 90 55 00-0330 EA Quad Box Strings (25' Sections) For Emergency Clean-up	56.87	
02 90 55 00-0331 EA 50' Power Cord For Spider Box For Emergency Clean-up	52.64	
02 90 55 00-0332 EA Pig Tails (Per Each) For Emergency Clean-up	5.18	
02 90 55 00-0333 Freight Charges (02 90 55 00-0022)		
02 90 55 00-0334 MI Freight Up To 1 Ton Pick Up Truck For Emergency Clean-up Equipment	2.59	
02 90 55 00-0335 MI Freight >1 Ton Pick Up Truck For Emergency Clean-up Equipment	4.66	
02 90 55 00-0336 MI Freight 16' Or 24' Box Truck For Emergency Clean-up Equipment	4.66	
02 90 55 00-0337 MI Freight Tractor Trailer For Emergency Clean-up Equipment	6.73	
02 90 55 00-0338 Emergency Clean-up Personal Protection Equipment (02 90 55 00-0001)		
Note: Used in the performance of time and material projects. Not used in conjunction with tasks in the Cleaning, Contents Manipulation, and Water Emergency Clean-up sections.		
02 90 55 00-0339 EA Tyvek Coveralls For Emergency Clean-up Personal Protection Equipment	15.19	
02 90 55 00-0340 EA Tyvek Coveralls With Elastic Wrists And Ankles For Emergency Clean-up Personal Protection Equipment	17.90	
02 90 55 00-0341 EA Tyvek Coveralls With Hood, Elastic Wrists And Ankles For Emergency Clean-up Personal Protection Equipment	18.76	
02 90 55 00-0342 EA Tyvek Coveralls With Hood, Boots, Elastic Wrists And Ankles For Emergency Clean-up Personal Protection Equipment	23.65	
02 90 55 00-0343 EA Disposable Dual Cartridge Half-Mask Respirator For Emergency Clean-up Personal Protection Equipment	125.72	
02 90 55 00-0344 EA N95 Respirator For Emergency Clean-up Personal Protection Equipment	5.26	
02 90 55 00-0345 EA N95 Respirator With Valve For Emergency Clean-up Personal Protection Equipment	7.49	
02 90 55 00-0346 PR 3M Respirator Cartridges For Emergency Clean-up Personal Protection Equipment	50.25	
02 90 55 00-0347 EA Respirator Cleaning Wipes, Per Box 100 For Emergency Clean-up Personal Protection Equipment	40.21	
02 90 55 00-0348 PR P100 Respirator Cartridges For Emergency Clean-up Personal Protection Equipment	50.25	
02 90 55 00-0349 EA Respirator Cartridge For Emergency Clean-up Personal Protection Equipment	53.06	
02 90 55 00-0350 BOX Dust Mask, Box of 50, For Emergency Clean-up Personal Protection Equipment	59.16	
02 90 55 00-0351 PR Cotton Canvas Gloves For Emergency Clean-up Personal Protection Equipment	4.23	
02 90 55 00-0352 BOX 5 Mil, Disposable Latex Gloves, Box of 100, For Emergency Clean-up Personal Protection Equipment	27.53	
02 90 55 00-0353 PR 4 Mil, Disposable Nitrile Gloves For Emergency Clean-up Personal Protection Equipment	0.56	
02 90 55 00-0354 PR 5 Mil, Disposable Vinyl Gloves For Emergency Clean-up Personal Protection Equipment	0.48	
02 90 55 00-0355 PR 17 Mil, Latex Gloves For Emergency Clean-up Personal Protection Equipment	2.24	
02 90 55 00-0356 PR 15 Mil, Nitrile Gloves For Emergency Clean-up Personal Protection Equipment	5.32	
02 90 55 00-0357 PR Vinyl Coated Gloves With Knit Lining For Emergency Clean-up Personal Protection Equipment	7.29	
02 90 55 00-0358 PR 30 Mil, Polyvinyl Chloride (PVC) And Polyvinyl Chloride (PVC) Blend Gloves For Emergency Clean-up Personal Protection Equipment	8.17	
02 90 55 00-0359 PR Leather Gloves For Emergency Clean-up Personal Protection Equipment	13.77	
02 90 55 00-0360 EA Heavy Duty, Rubber Gloves For Emergency Clean-up Personal Protection Equipment	23.51	
02 90 55 00-0361 PR Polycarbonate Lens Safety Goggles For Emergency Clean-up Personal Protection Equipment	15.33	
02 90 55 00-0362 PR Chemical Splash/Impact Resistant, Polycarbonate Lens Safety Goggles For Emergency Clean-up Personal Protection Equipment	25.28	
02 90 55 00-0363 PR Plastic Safety Glasses For Emergency Clean-up Personal Protection Equipment	6.71	
02 90 55 00-0364 EA Safety Harness (Per Person/Day) For Emergency Clean-up Personal Protection Equipment	9.18	
02 90 55 00-0365 Emergency Clean-up Expendables (02 90 55 00-0001)		
Note: Used in the performance of time and material projects. Not used in conjunction with tasks in the Cleaning, Contents Manipulation, and Water Emergency Clean-up sections.		
02 90 55 00-0366 General Materials (02 90 55 00-0365)		
02 90 55 00-0367 GAL Adhesive Remover For Emergency Clean-up	110.11	

02 Existing Conditions**02 90 Disaster Recovery****02 90 55 Emergency Clean-up**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

02 90 55 00-0368	GAL	Bioside-HS Cleaning Solution For Emergency Clean-up.....	35.32
02 90 55 00-0369	GAL	Biocide Mold Cleaning Solution For Emergency Clean-up.....	45.07
02 90 55 00-0370	EA	10" x 12" x 15" Cardboard Storage Box For Emergency Clean-up.....	5.80
02 90 55 00-0371	EA	10" x 12" x 24" Cardboard Storage Box For Emergency Clean-up.....	8.81
02 90 55 00-0372	EA	10" x 15" x 24" Cardboard Storage Box For Emergency Clean-up.....	8.81
02 90 55 00-0373	GAL	Bleach For Emergency Clean-up.....	11.84
02 90 55 00-0374	EA	Small Stainless Brush For Emergency Clean-up.....	7.52
02 90 55 00-0375	EA	2-1/2 Gallon Buckets For Emergency Clean-up.....	8.75
02 90 55 00-0376	EA	5 Gallon Bucket For Emergency Clean-up.....	13.26
02 90 55 00-0377	GAL	Carpet Defoamer For Emergency Clean-up.....	34.11
02 90 55 00-0378	GAL	Carpet Pre-treat For Emergency Clean-up.....	27.83
02 90 55 00-0379	GAL	Carpet Spotter For Emergency Clean-up.....	46.63
02 90 55 00-0380	GAL	Carpet/Upholstery Cleaner For Emergency Clean-up.....	37.60
02 90 55 00-0381	ROL	Carpet Masking/Shield For Emergency Clean-up.....	108.23
02 90 55 00-0382	EA	Chemical Sponge For Emergency Clean-up.....	4.33
02 90 55 00-0383	GAL	Clear Seal For Emergency Clean-up.....	148.05
02 90 55 00-0384	GAL	Coil Cleaner For Emergency Clean-up.....	74.51
02 90 55 00-0385	EA	Decontamination Chamber For Emergency Clean-up.....	323.75
02 90 55 00-0386	GAL	All Purpose Degreaser For Emergency Clean-up.....	48.45
02 90 55 00-0387	GAL	Heavy Duty Degreaser For Emergency Clean-up.....	55.52
02 90 55 00-0388	GAL	De-Foamer Liquid For Emergency Clean-up.....	63.68
02 90 55 00-0389	EA	Deodorization Membrane For Emergency Clean-up.....	118.77
02 90 55 00-0390	GAL	9-D-9 Smoke Deodorizer For Emergency Clean-up.....	190.34
02 90 55 00-0391	LB	Deodorizing Gel For Emergency Clean-up.....	44.72
02 90 55 00-0392	GAL	Deodorizing Liquid For Emergency Clean-up.....	62.98
02 90 55 00-0393	PAIL	Deodorizing Block For Emergency Clean-up.....	11.24
02 90 55 00-0394	GAL	Disinfectant/Anti-microbial For Emergency Clean-up.....	116.03
02 90 55 00-0395	GAL	BruClean Disinfectant For Emergency Clean-up.....	37.90
02 90 55 00-0396	GAL	Dryclean For Emergency Clean-up.....	49.49
02 90 55 00-0397	GAL	Duct Sealant Spray For Emergency Clean-up.....	74.58
02 90 55 00-0398	GAL	Antifungal Duct Sealant For Emergency Clean-up.....	107.73
02 90 55 00-0399	GAL	Microbial Encapsulant (Fosters 20 - 40) For Emergency Clean-up.....	171.65
02 90 55 00-0400	PR	Ear Plugs For Emergency Clean-up Personal Protection Equipment.....	0.67
02 90 55 00-0401	GAL	Encapsulant For Emergency Clean-up.....	123.33
02 90 55 00-0402	GAL	AfterShock Fiberlocke For Emergency Clean-up.....	108.29
02 90 55 00-0403	GAL	IAQ 2500 Fiberlocke For Emergency Clean-up.....	127.92
02 90 55 00-0404	GAL	IAS 6000 Fiberlocke For Emergency Clean-up.....	131.57
02 90 55 00-0405	ROL	Filter Material For Emergency Clean-up.....	290.36
02 90 55 00-0406	EA	Blue Paper Collection Bag Filter For Emergency Clean-up.....	7.82
02 90 55 00-0407	EA	CVAC Filter For High Efficiency Particulate Air (HEPA) Vacuum For Emergency Clean-up.....	621.03
02 90 55 00-0408	EA	Pre-Filter For Negative Air Machine For Emergency Clean-up.....	2.98
02 90 55 00-0409	EA	Pleated Filter For Negative Air Machine For Emergency Clean-up.....	13.27
02 90 55 00-0410	EA	Charcoal Filter For Negative Air Machine For Emergency Clean-up.....	47.23
02 90 55 00-0411	EA	High Efficiency Particulate Air (HEPA) Filter For Negative Air Machine For Emergency Clean-up.....	449.18
02 90 55 00-0412	EA	Pleated Dehumidifier Filter For Emergency Clean-up.....	11.85
02 90 55 00-0413	GAL	Floor Stripper For Emergency Clean-up.....	23.20
02 90 55 00-0414	GAL	Floor Wax For Emergency Clean-up.....	33.15
02 90 55 00-0415	GAL	Fogger (Thermal) For Emergency Clean-up.....	201.88
02 90 55 00-0416	BOX	Furniture Blocks For Emergency Clean-up.....	162.60
02 90 55 00-0417	EA	Furniture Polish, Per 10 Oz Can For Emergency Clean-up.....	21.91
02 90 55 00-0418	GAL	Glass Cleaner For Emergency Clean-up.....	14.61
02 90 55 00-0419	EA	Goof Off Spray, 12 Oz For Emergency Clean-up.....	18.80
02 90 55 00-0420	EA	Halogen Light Bulbs For Emergency Clean-up.....	23.67
02 90 55 00-0421	QT	Hand Sanitizer For Emergency Clean-up.....	11.70
02 90 55 00-0422	EA	Hard Hats For Emergency Clean-up Personal Protection Equipment.....	9.63
02 90 55 00-0423	BOX	Hog Rings, Box Of 2,500 For Emergency Clean-up.....	22.91
02 90 55 00-0424	GAL	HVAC Coal Cleaner For Emergency Clean-up.....	71.82
02 90 55 00-0425	BOX	Inventory Tag, Box Of 1,000 For Emergency Clean-up.....	161.13
02 90 55 00-0426	EA	Utility Knives For Emergency Clean-up.....	18.23
02 90 55 00-0427	ROL	13" Lay Flat Tubing (250' Roll) For Emergency Clean-up.....	138.22
02 90 55 00-0428	ROL	20" Lay Flat Tubing (250' Roll) For Emergency Clean-up.....	145.93
02 90 55 00-0429	ROL	29" Lay Flat Tubing (250' Roll) For Emergency Clean-up.....	290.54
02 90 55 00-0430	ROL	39" Lay Flat Tubing (250' Roll) For Emergency Clean-up.....	419.95
02 90 55 00-0431	GAL	Lemon Oil For Emergency Clean-up.....	58.73
02 90 55 00-0432	GAL	LPS 1/Mecca Lube For Emergency Clean-up.....	60.23
02 90 55 00-0433	GAL	LPS 2 For Emergency Clean-up.....	63.75
02 90 55 00-0434	GAL	LPS Contact Cleaner For Emergency Clean-up.....	63.45
02 90 55 00-0435	GAL	Light Lubricant Preserve For Emergency Clean-up.....	168.20
02 90 55 00-0436	GAL	Heavy Lubricant Preserver For Emergency Clean-up.....	33.15
02 90 55 00-0437	GAL	Machinery Cleaning Solvent For Emergency Clean-up.....	281.16
02 90 55 00-0438	GAL	Metal Polishing Paste For Emergency Clean-up.....	31.13
02 90 55 00-0439	GAL	MediClean® Disinfectant For Emergency Clean-up.....	66.99
02 90 55 00-0440	GAL	Dri-Eaz Milgo Plus Sanitizer For Emergency Clean-up.....	82.23
02 90 55 00-0441	EA	Mop Heads For Emergency Clean-up.....	10.43
02 90 55 00-0442	EA	Nylon Scouring Pads For Emergency Clean-up.....	1.82
02 90 55 00-0443	GAL	Odor Neutralizer For Emergency Clean-up.....	46.63
02 90 55 00-0444	EA	Packing Paper, 25 LB Bundle For Emergency Clean-up.....	83.79
02 90 55 00-0445	EA	Paint Brushes For Emergency Clean-up.....	8.29
02 90 55 00-0446	ROL	Corrugated/Craft Paper, 48" x 250' For Emergency Clean-up.....	195.41
02 90 55 00-0447	EA	Putty Knives For Emergency Clean-up.....	7.51
02 90 55 00-0448	ROL	Red Resin Paper, 200' Roll For Emergency Clean-up.....	42.64



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 55 00-0449 GAL Reodorant For Emergency Clean-up	140.88	
02 90 55 00-0450 GAL Restoracide For Emergency Clean-up	66.08	
02 90 55 00-0451 GAL Rust Remover For Emergency Clean-up	102.77	
02 90 55 00-0452 EA Saltesmo Test Samples For Emergency Clean-up	9.55	
02 90 55 00-0453 EA Sand Bag For Emergency Clean-up	2.50	
Note: Excludes sand material		
02 90 55 00-0454 EA Scotch-Brite 7447, Per Box 50 For Emergency Clean-up	33.56	
02 90 55 00-0455 EA Small Scrub Brushes For Emergency Clean-up	17.30	
02 90 55 00-0456 GAL Clear Soot Sealant For Emergency Clean-up	119.19	
02 90 55 00-0457 GAL Pigmented Soot Sealant For Emergency Clean-up	321.43	
02 90 55 00-0458 ROL Shrinkwrap Plastic For Emergency Clean-up	73.99	
02 90 55 00-0459 EA Dry Sponges For Emergency Clean-up	6.02	
02 90 55 00-0460 EA Spray Adhesive, Per Can For Emergency Clean-up	7.72	
02 90 55 00-0461 EA Spray Bot./Trigger For Emergency Clean-up	6.40	
02 90 55 00-0462 GAL Stain Remover For Emergency Clean-up	42.11	
02 90 55 00-0463 GAL Stainless Steel Cleaner For Emergency Clean-up	14.54	
02 90 55 00-0464 EA Stainless Steel Polish, Per Can For Emergency Clean-up	19.09	
02 90 55 00-0465 LB Sweeping Compound For Emergency Clean-up	0.69	
02 90 55 00-0466 ROL Duct Tape, 2" x 50 YD For Emergency Clean-up	15.10	
02 90 55 00-0467 ROL Environmental (Teal) Tape, 3/4" x 1,440' For Emergency Clean-up	14.21	
02 90 55 00-0468 ROL HVAC (Aluminum) Tape, 2" x 75' For Emergency Clean-up	36.46	
02 90 55 00-0469 ROL Blue Masking (Painters) Tape, 1-1/2" x 198' For Emergency Clean-up	20.22	
02 90 55 00-0470 ROL Poly Box Tape, 2" x 110 YD For Emergency Clean-up	6.24	
02 90 55 00-0471 LB Terry Towels For Emergency Clean-up	8.54	
02 90 55 00-0472 GAL Thermal Fog For Emergency Clean-up	94.76	
02 90 55 00-0473 ROL 1.7 Mil, 55 Gallon Trash Bags, 50/Roll For Emergency Clean-up	46.98	
02 90 55 00-0474 ROL 3 Mil, 55 Gallon Trash Bags, 50/Roll For Emergency Clean-up	109.81	
02 90 55 00-0475 ROL 4 Mil, 55 Gallon Trash Bags, 50/Roll For Emergency Clean-up	140.88	
02 90 55 00-0476 ROL 6 Mil, 55 Gallon Trash Bags, 50/Roll For Emergency Clean-up	187.36	
02 90 55 00-0477 EA Trisodium Phosphate, 20 LB Pail For Emergency Clean-up	60.48	
02 90 55 00-0478 EA Backpack Vacuum Bags For Emergency Clean-up	2.04	
02 90 55 00-0479 EA Upright Vacuum Bags For Emergency Clean-up	2.72	
02 90 55 00-0480 GAL Vinyl And Leather Cleaner For Emergency Clean-up	37.60	
02 90 55 00-0481 ROL 1 Mil Visqueen, 12' x 400', For Emergency Clean-up	60.87	
02 90 55 00-0482 ROL 4 Mil Visqueen, 32' x 100', For Emergency Clean-up	165.27	
02 90 55 00-0483 ROL 6 Mil Visqueen, 32' x 400', For Emergency Clean-up	225.51	
02 90 55 00-0484 LB Wipes, Cotton Cloth For Emergency Clean-up	6.39	
02 90 55 00-0485 ROL 12" x 750', Wrap, Bubble/Anti-static For Emergency Clean-up	185.62	
02 90 55 00-0486 EA Wyp-Alls, Case Of 160 Wipes For Emergency Clean-up	18.80	
02 90 55 00-0487 EA Zip Wall Zippers For Emergency Clean-up	28.17	
02 90 55 00-0488 EA Absorbent Matt Roll For Oil And Other Liquids - 15" Wide x 50' Roll	33.76	
Note: 3.3 gallon volume absorption capacity per roll		
02 90 55 00-0489 EA Oil Only Sorbent Pads - 15" x 19", Light, Package Of 100	50.65	
Note: 26 OZ volume absorption capacity per pad		
02 90 55 00-0490 EA Oil Only Sorbent Pads - 15" x 19", Medium, Package Of 100	53.36	
Note: 33 OZ volume absorption capacity per pad		
02 90 55 00-0491 EA Oil Only Sorbent Pads - 15" x 19", Heavy, Package Of 100	87.12	
Note: 45 OZ volume absorption capacity per pad		
02 90 55 00-0492 Technical/Electronics Restoration Materials (02 90 55 00-0365)		
02 90 55 00-0493 EA Brush - Brass For Emergency Clean-up	6.22	
02 90 55 00-0494 EA 1" Brush, Natural Bristle For Emergency Clean-up	1.99	
02 90 55 00-0495 EA 1/2" Brush, Natural Bristle For Emergency Clean-up	1.66	
02 90 55 00-0496 EA 1/4" Brush, Natural Bristle For Emergency Clean-up	1.41	
02 90 55 00-0497 EA Brush - Parts For Emergency Clean-up	8.62	
02 90 55 00-0498 EA Brush - Plastic For Emergency Clean-up	4.48	
02 90 55 00-0499 EA Brush - Wire Grout For Emergency Clean-up	9.87	
02 90 55 00-0500 EA Brushing Tool For Emergency Clean-up	19.04	
02 90 55 00-0501 EA Cleaning Swabs, Cotton For Emergency Clean-up	0.41	
02 90 55 00-0502 EA Cleaning Swabs, Foam Tip For Emergency Clean-up	0.50	
02 90 55 00-0503 EA Contact Restorer, Per Can For Emergency Clean-up	37.68	
02 90 55 00-0504 EA Contact Spray, Per Can For Emergency Clean-up	25.64	
02 90 55 00-0505 UNT Corrosion Inhibitor Emitter - 1 CF For Emergency Clean-up	3.98	
02 90 55 00-0506 UNT Corrosion Inhibitor Emitter - 5 CF For Emergency Clean-up	11.39	
02 90 55 00-0507 UNT Corrosion Inhibitor Emitter - 10 CF For Emergency Clean-up	14.76	
02 90 55 00-0508 LB Cotton Cleaning Cloths For Emergency Clean-up	23.31	
02 90 55 00-0509 EA 12" x 17" Dust Cloths For Emergency Clean-up	0.37	
02 90 55 00-0510 EA 24" x 24" Dust Cloths For Emergency Clean-up	1.02	
02 90 55 00-0511 EA Deoxidizing Agent, Per Can For Emergency Clean-up	18.26	
02 90 55 00-0512 GAL Electronic Grade Detergent For Emergency Clean-up	42.30	
02 90 55 00-0513 SHT Inventory Labels For Emergency Clean-up	0.23	
02 90 55 00-0514 GAL Isopropyl Alcohol For Emergency Clean-up	112.10	
02 90 55 00-0515 GAL Lubrication/Penetrating Oil, Per Can For Emergency Clean-up	169.61	
02 90 55 00-0516 GAL PC Board Detergent For Emergency Clean-up	106.44	
02 90 55 00-0517 GAL Rust Inhibitor, Regular Duty For Emergency Clean-up	181.68	
02 90 55 00-0518 GAL Rust Inhibitor, Moderate Duty For Emergency Clean-up	183.05	
02 90 55 00-0519 GAL Rust Inhibitor, Severe Duty For Emergency Clean-up	195.66	
02 90 55 00-0520 LB Wipes, Lint Free Cloths For Emergency Clean-up	7.39	
02 90 55 00-0521 EA Wire Marker Card For Emergency Clean-up	2.90	
02 90 55 00-0522 EA Steel Wool, 16 Pad Sleeve For Emergency Clean-up	1.59	

02	02	Existing Conditions	
	02 90	Disaster Recovery	
	02 90 55	Emergency Clean-up	



MINOR			TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST

END OF SECTION 02

NOT FOR BID



	Concrete	03	
	Maintenance of Concrete	03 01	
	Maintenance of Concrete Reinforcing	03 01 20	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

03 Concrete

03 01 Maintenance of Concrete (03)

03 01 20 Maintenance of Concrete Reinforcing (03 01)

03 01 20 00-0001	Rebar Coating (03 01 20)	
03 01 20 00-0002	SF 20 Mil Thick, Cementitious Epoxy Resin Compensated 3-Component, Solvent-Free, Coating Material With Corrosion Inhibitor, And Reinforcement Corrosion Protection - Per Coat (Sika® Armatec®-110 EpoCem).....	2.51

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

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

03 01 30 51-0001	Abrasive Blasting (03 01 30 51)	
	Note: Includes containment and clean-up of all material. Includes steel ball media.	
03 01 30 51-0002	SF Concrete Floors, Abrasive Shot (Bead) Blasting.....	3.81
	For Up To 100, Add	3.24
	For >100 To 250, Add	0.81
	For >250 To 500, Add	0.41
	For >5,000 To 10,000, Deduct	-0.08
	For >10,000, Deduct	-0.16
03 01 30 51-0003	SF Concrete Walls, Abrasive Shot (Bead) Blasting.....	5.42
	For Up To 100, Add	6.46
	For >100 To 250, Add	1.62
	For >250 To 500, Add	0.81
	For >5,000 To 10,000, Deduct	-0.16
	For >10,000, Deduct	-0.32

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

03 01 30 71-0001	Concrete Resurfacing/Repair (03 01 30 71)	
	See CSI section 09 01 90 52-0002 for surface preparation as required.	
03 01 30 71-0002	Concrete Floor Resurfacing (03 01 30 71-0001)	
03 01 30 71-0003	SF 1/4" Interior Floor Self-leveling, Colored Cementitious Topping	5.07
03 01 30 71-0004	SF 1/2" Interior Floor Self-leveling, Colored Cementitious Topping	6.97
03 01 30 71-0005	SF 1" Interior Floor Self-leveling, Colored Cementitious Topping	12.99

03 01 30 71-0006 Concrete Repair (03 01 30 71-0001)

03 01 30 71-0007 Decks Or Floors (03 01 30 71-0006)

	Note: Includes bonding agent and sealant. Excludes saw cutting, sand blasting and forming.	
03 01 30 71-0008	SF Patch Decks Or Floors With 1/8" To 1/4" Thick Cementitious Mortar	6.33
03 01 30 71-0009	SF Patch Decks Or Floors With 1/8" To 1/4" Thick Epoxy Cementitious Mortar	18.95
03 01 30 71-0010	SF Patch Decks Or Floors With White Aluminum Oxide Grit (Non-Slip Aggregate)	0.55

03 01 30 71-0011 Verticals Or Overheads (03 01 30 71-0006)

	Note: Includes bonding agent and sealant. Excludes saw cutting, sand blasting and forming.	
03 01 30 71-0012	SF Patch Verticals Or Overheads With 1/8" To 1/4" Thick Cementitious Mortar	9.54
03 01 30 71-0013	SF Patch Verticals Or Overheads With 1/8" To 1/4" Thick Epoxy Cementitious Mortar	26.61
03 01 30 71-0014	SF Patch Verticals Or Overheads With 1/8" To 1/4" Thick Latex Cementitious Mortar	29.79
03 01 30 71-0015	SF Patch Verticals Or Overheads With 1/8" To 1/4" Thick Elastomeric Compound	9.00
03 01 30 71-0016	SF Patch Verticals Or Overheads With 1/8" To 1/4" Thick Copolymer Cementitious Compound	15.94
	Note: Rapid Set - WunderFixx	

03 01 30 71-0017 Circular Piers (03 01 30 71-0006)

03 01 30 71-0018	SF Patch Circular Piers With 1/8" To 1/4" Elastomeric Patching Compound	12.47
03 01 30 71-0019	SF Patch Circular Piers With 1/8" To 1/4" Copolymer Cementitious Compound.....	21.51
	Note: Rapid Set - WunderFixx	

03 01 30 71-0020 Soffit Repair (03 01 30 71-0006)

	Note: Includes bonding agent and sealant. Excludes saw cutting, sand blasting and forming.	
03 01 30 71-0021	LF Up To 16" Wide Concrete Soffit Repair	19.59
03 01 30 71-0022	LF >16" To 20" Wide Concrete Soffit Repair.....	20.50
03 01 30 71-0023	LF >20" To 24" Wide Concrete Soffit Repair.....	22.35
03 01 30 71-0024	LF >24" To 30" Wide Concrete Soffit Repair.....	24.29
03 01 30 71-0025	LF >30" To 36" Wide Concrete Soffit Repair.....	25.81

03 01 30 71-0026 Edge Repair (03 01 30 71-0006)

	Note: Includes mesh. Excludes saw cutting, sand blasting and forming.	
03 01 30 71-0027	LF 2" Spall Concrete Edge Repair	20.73
03 01 30 71-0028	LF 3" Spall Concrete Edge Repair	21.75

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

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 01 30 71-0029	LF	4" Spall Concrete Edge Repair	22.37	
03 01 30 71-0030	LF	6" Spall Concrete Edge Repair	23.09	
03 01 30 71-0031	LF	8" Spall Concrete Edge Repair	24.38	
03 01 30 71-0032	LF	9" Spall Concrete Edge Repair	27.43	
03 01 30 71-0033	CF	Patch Edge, Portland Cement Based Repair Material	174.61	
03 01 30 71-0034	CF	Patch Edge, Rapid Setting Concrete Repair Material	239.69	
03 01 30 71-0035	CF	Patch Edge, Rapid Setting Polymer Concrete Methyl Methacrylate	246.21	
03 01 30 71-0036	CF	Patch Edge, SSI Flex Patch (Other Than Specified)	489.64	
03 01 30 71-0037		Concrete Materials (03 01 30 71-0006) Note: Excludes saw cutting, sand blasting and forming.		
03 01 30 71-0038	SF	Sika Ferroguard® 903	1.48	
03 01 30 71-0039	SF	Sika-Guard 701W	1.68	
03 01 30 71-0040	SF	Sika 550W Pearl Ash	0.97	
03 01 30 71-0041	SF	Sika Top 144 Gray	2.36	
03 01 30 71-0042		Bridge Deck Treatment (03 01 30 71-0006)		
03 01 30 71-0043	SF	Sweep Bridge Deck	0.02	
03 01 30 71-0044	SF	Clean Bridge Deck	0.02	
03 01 30 71-0045	SF	Treat Bridge Deck With Methacrylate Resin Sealant	2.24	
03 01 30 71-0046		Concrete Finishes (03 01 30 71-0001)		
03 01 30 71-0047		Concrete Patching (03 01 30 71-0046)		
03 01 30 71-0048		Walls (03 01 30 71-0047)		
03 01 30 71-0049	BAG	Sika Top 111 Plus	174.17	
		Note: SikaTop 111 PLUS is a two-component, polymer-modified, portland-cement, fast-setting, screed mortar. Yield: Approximately 0.5 cu. ft./unit. Approximately 0.75 cu. ft./unit (SikaTop 111 + 42 lbs. of 3/8" pea gravel).		
		For Up To 10, Add	63.89	
		For >10 To 25, Add	38.33	
		For >25 To 50, Add	25.56	
		For >50 To 75, Add	12.78	
03 01 30 71-0050	BAG	Sika Grout 212, 50 LB Bag	119.56	
		Note: SikaGrout 212 is a non-shrink, cementitious grout with a unique 2-stage shrinkage compensating mechanism. It is non-metallic and contains no chloride. Coverage: Approximately 0.44 cu. ft./bag at high flow.		
		For Up To 10, Add	40.45	
		For >10 To 25, Add	24.27	
		For >25 To 50, Add	16.18	
		For >50 To 75, Add	8.09	
03 01 30 71-0051	EA	Sika Flex 1A, 10.3 Ounce Tube	40.37	
		Note: Sikaflex-1a is a premium-grade, high-performance, moisture-cured, 1-component, polyurethane-based, non-sag elastomeric sealant. Coverage: 10.3 fl. oz. cartridge seals 12.4 lineal ft. of 1/2 x 1/4 in. joint. 20 fl. oz. uni-pac sausage seals 24 lineal ft. of 1/2 x 1/4 in. joint.		
03 01 30 71-0052	BAG	Pea Gravel	30.66	
03 01 30 71-0053	BAG	Sika Top 123, 44 LB Bag	177.34	
03 01 30 71-0054	BAG	Sika Top 121 Plus Kit	169.93	
		Note: SikaTop 121 PLUS is a two component, polymer-modified, leveling and pore sealing mortar. Yield: 0.4 cu. ft./unit.		
03 01 30 71-0055	BAG	Sika Top 122 Plus Kit	188.39	
		Note: SikaTop 122 PLUS is a two-component, polymer-modified, portland-cement, fast-setting, trowel-grade mortar. Yield: 0.51 cu. ft./unit mortar; 0.75 cu. ft./unit concrete; (SikaTop 122 + 42 lbs. 3/8" pea gravel).		
03 01 30 71-0056	BAG	Sika Top 123 Plus Kit	185.07	
		Note: SikaTop 123 PLUS is a two-component, polymer-modified, portland cement, fast-setting, non-sag mortar. Yield: 0.39 cu. ft./unit.		
03 01 30 71-0057		Spall Concrete Repair (03 01 30 71-0001) Note: Includes removal of defective concrete with chipping hammers, water blasting, cleaning of rebar, formwork, cementitious mortar, curing, and finishing.		
03 01 30 71-0058	SF	Spall Concrete Repair, Up To 3/4" Deep On Vertical/Overhead Surfaces	90.28	
		For Up To 100, Add	64.53	
		For >100 To 250, Add	32.27	
03 01 30 71-0059	SF	Spall Concrete Repair, >3/4" To 1-1/2" Deep On Vertical/Overhead Surfaces	104.07	
		For Up To 100, Add	71.70	
		For >100 To 250, Add	35.85	
03 01 30 71-0060	SF	Spall Concrete Repair, >1-1/2" To 3" Deep On Vertical/Overhead Surfaces	156.10	
		For Up To 100, Add	107.54	
		For >100 To 250, Add	53.77	
03 01 30 71-0061	SF	Spall Concrete Repair, >3" To 4" Deep On Vertical/Overhead Surfaces	203.36	
		For Up To 100, Add	139.81	
		For >100 To 250, Add	69.90	
03 01 30 71-0062	SF	Spall Concrete Repair, Up To 3/4" Deep On Floor Surfaces	64.46	
		For Up To 100, Add	45.17	
		For >100 To 250, Add	22.58	
03 01 30 71-0063	SF	Spall Concrete Repair, >3/4" To 1-1/2" Deep On Floor Surfaces	75.39	
		For Up To 100, Add	50.19	
		For >100 To 250, Add	25.10	
03 01 30 71-0064	SF	Spall Concrete Repair, >1-1/2" To 3" Deep On Floor Surfaces	113.08	
		For Up To 100, Add	75.28	
		For >100 To 250, Add	37.64	



Concrete		03	CS
Maintenance of Concrete		03 01	
Maintenance of Cast-In-Place Concrete		03 01 30	

MINOR		TOTAL DIRECT		DEMOLITION
CSI UOM DESCRIPTION		UNIT COST		UNIT COST
03 01 30 71-0065	SF Spall Concrete Repair, >3" To 4" Deep On Floor Surfaces For Up To 100, Add For >100 To 250, Add		147.44 97.87 48.93	
03 01 30 71-0066	Concrete Cleaning (03 01 30 71-0001)			
03 01 30 71-0067	SF Clean Calcite/Staining On Concrete		23.93	
03 01 30 71-0068	Crack Repair For Concrete (03 01 30 71-0001)			
03 01 30 71-0069	Non-Structural Crack Repair For Concrete (03 01 30 71-0068)			
03 01 30 71-0070	Surface Applied, Non-Structural Crack Repair For Concrete (03 01 30 71-0069) Note: Includes removing all debris and contaminants accessible within the crack using hand tools, water blasting, compressed air or vacuuming. Includes installing sealer with caulk gun, cartridge gun, squeeze bottle, etc. Excludes backer rod and sanding.			
03 01 30 71-0071	LF Up To 1/4" Wide, Latex Emulsion, Gravity Fed Non-Structural Crack Repair For Concrete, Surface Applied With Squeeze Tube (Quikrete® Concrete Crack Seal)..... For V-Grooving Crack With Grinder, Add		7.00 5.60	
03 01 30 71-0072	LF >1/4" To 1/2" Wide, Latex Emulsion, Gravity Fed Non-Structural Crack Repair For Concrete, Surface Applied With Squeeze Tube (Quikrete® Concrete Crack Seal)..... For V-Grooving Crack With Grinder, Add		9.16 5.47	
03 01 30 71-0073	LF Up To 1/4" Wide, Sanded Acrylic Latex, Gravity Fed Non-Structural Crack Repair For Concrete, Surface Applied With Caulk Gun (Quikrete® Concrete Repair)..... For V-Grooving Crack With Grinder, Add		7.14 5.60	
03 01 30 71-0074	LF >1/4" To 1/2" Wide, Sanded Acrylic Latex, Gravity Fed Non-Structural Crack Repair For Concrete, Surface Applied With Caulk Gun (Quikrete® Concrete Repair)..... For V-Grooving Crack With Grinder, Add		9.44 5.47	
03 01 30 71-0075	LF Up To 1/4" Wide, Self Leveling Polyurethane Sealant, Gravity Fed Non-Structural Crack Repair For Concrete, Surface Applied With Cartridge Tool (Sikaflex® Self-Leveling Sealant)..... For V-Grooving Crack With Grinder, Add		7.65 5.60	
03 01 30 71-0076	LF >1/4" To 1/2" Wide, Self Leveling Polyurethane Sealant, Gravity Fed Non-Structural Crack Repair For Concrete, Surface Applied With Cartridge Tool (Sikaflex® Self-Leveling Sealant)..... For V-Grooving Crack With Grinder, Add		10.45 5.47	
03 01 30 71-0077	LF Up To 1/4" Wide, Non-Sag Elastomeric Polyurethane Sealant, Gravity Fed Non Structural Crack Repair For Concrete, Surface Applied With Cartridge Tool (Sikaflex® Concrete Fix)..... For V-Grooving Crack With Grinder, Add		8.02 5.60	
03 01 30 71-0078	LF >1/4" To 1/2" Wide, Non-Sag Elastomeric Polyurethane Sealant, Gravity Fed Non Structural Crack Repair For Concrete, Surface Applied With Cartridge Tool (Sikaflex® Concrete Fix)..... For V-Grooving Crack With Grinder, Add		11.19 5.47	
03 01 30 71-0079	LF Up To 1/4" Wide x 1/2" Depth, Low-modulus, Low-viscosity, Epoxy Resin Crack Filler (Sikadur® 21) For V-Grooving Crack With Grinder, Add		6.07 4.80	
03 01 30 71-0080	LF Up To 1/4" Wide x 1" Depth, Low-modulus, Low-viscosity, Epoxy Resin Crack Filler (Sikadur® 21) For V-Grooving Crack With Grinder, Add		7.27 5.60	
03 01 30 71-0081	LF >1/4" To 1/2" Wide x 1/2" Depth, Low-modulus, Low-viscosity, Epoxy Resin Crack Filler (Sikadur® 21)..... For V-Grooving Crack With Grinder, Add		7.27 5.60	
03 01 30 71-0082	LF >1/4" To 1/2" Wide x 1" Depth, Low-modulus, Low-viscosity, Epoxy Resin Crack Filler (Sikadur® 21)..... For V-Grooving Crack With Grinder, Add		9.69 7.21	
03 01 30 71-0083	Pressure Injected, Non-Structural Crack Repair For Concrete (03 01 30 71-0069) Note: Includes removing all debris and contaminants accessible within the crack using hand tools, water blasting, compressed air or vacuuming. Includes installing injection ports, sealing the crack opening (one side only), injecting the crack with polyurethane and restoring the sealed surface to flush conditions. Excludes disposal.			
03 01 30 71-0084	LF Up To 1/4" Wide, Water Activated Polyurethane Foam Grout, Non-Structural Crack Repair For Concrete, Installed With Automated Injection Equipment (SealBoss 1570) For Cracks Accessible From Both Sides, Add		31.04 6.32	
03 01 30 71-0085	Structural Crack Repair For Concrete (03 01 30 71-0068)			
03 01 30 71-0086	Surface Applied, Structural Crack Repair For Concrete (03 01 30 71-0085) Note: Includes removing all debris and contaminants accessible within the crack using hand tools, water blasting, compressed air or vacuuming. Excludes disposal.			
03 01 30 71-0087	LF Up To 1/4" Wide, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete, Surface Applied With Trowel (Sikadur® 35)..... For V-Grooving Crack With Grinder, Add		8.11 5.60	
03 01 30 71-0088	LF >1/4" To 1/2" Wide, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete, Surface Applied With Trowel (Sikadur® 35)..... For V-Grooving Crack With Grinder, Add		11.38 5.47	
03 01 30 71-0089	LF Up To 1/4" Wide, Moisture Tolerant, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete, Surface Applied Trowel (Sikadur® 52)..... For V-Grooving Crack With Grinder, Add		7.92 5.60	
03 01 30 71-0090	LF >1/4" To 1/2" Wide, Moisture Tolerant, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete, Surface Applied With Trowel (Sikadur® 52)..... For V-Grooving Crack With Grinder, Add		10.98 5.47	
03 01 30 71-0091	LF Up To 1/4" Wide, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete, Surface Applied With Caulk Gun (Sikadur® Crack Fix)..... For V-Grooving Crack With Grinder, Add		9.56 5.60	
03 01 30 71-0092	LF >1/4" To 1/2" Wide, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete, Surface Applied With Caulk Gun (Sikadur® Crack Fix)..... For V-Grooving Crack With Grinder, Add		14.29 5.47	

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

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

03 01 30 71-0093		Pressure Injected, Structural Crack Repair For Concrete (03 01 30 71-0085) Note: Includes removing all debris and contaminants accessible within the crack using hand tools, water blasting, compressed air or vacuuming. Includes installing injection ports, sealing the crack opening (one side only), injecting the crack with epoxy and restoring the sealed surface to flush conditions. Excludes disposal.	
03 01 30 71-0094	LF	Up To 1/4" Wide, Low Viscosity, High Strength Epoxy Resin, Structural Crack Repair For Concrete, Installed With Automated Injection Equipment (Sikadur® 35).....	27.08
		<i>For Cracks Accessible From Both Sides, Add</i>	6.32
03 01 30 71-0095	LF	Up To 1/4" Wide, Moisture Tolerant, Low Viscosity, High Strength Epoxy Resin, Structural Crack Repair For Concrete, Installed With Automated Injection Equipment (Sikadur® 52).....	26.88
		<i>For Cracks Accessible From Both Sides, Add</i>	6.32
03 01 30 71-0096		Surface Applied Polyurethane Elastomeric Sealant (Sikaflex®-2c NS EZ Mix) (03 01 30 71-0068) Note: Includes removing all debris and contaminants accessible within the crack using hand tools, compressed air or vacuuming. Includes installing sealer with caulk gun, cartridge gun, etc.	
03 01 30 71-0097	LF	1/4" x 1/4" Polyurethane Elastomeric Sealant For Concrete, Surface Applied (SikaFlex 2C NS EZ Mix).....	2.81
03 01 30 71-0098	LF	3/8" x 1/4" Polyurethane Elastomeric Sealant For Concrete, Surface Applied (SikaFlex 2C NS EZ Mix).....	2.97
03 01 30 71-0099	LF	1/2" x 1/4" Polyurethane Elastomeric Sealant For Concrete, Surface Applied (SikaFlex 2C NS EZ Mix).....	3.18
03 01 30 71-0100	LF	3/8" x 3/8" Polyurethane Elastomeric Sealant For Concrete, Surface Applied (SikaFlex 2C NS EZ Mix).....	3.23
03 01 30 71-0101	LF	1/2" x 3/8" Polyurethane Elastomeric Sealant For Concrete, Surface Applied (SikaFlex 2C NS EZ Mix).....	3.51
03 01 30 71-0102	LF	3/4" x 3/8" Polyurethane Elastomeric Sealant For Concrete, Surface Applied (SikaFlex 2C NS EZ Mix).....	4.75
03 01 30 71-0103	LF	1/2" x 1/2" Polyurethane Elastomeric Sealant For Concrete, Surface Applied (SikaFlex 2C NS EZ Mix).....	3.92
03 01 30 71-0104	LF	3/4" x 1/2" Polyurethane Elastomeric Sealant For Concrete, Surface Applied (SikaFlex 2C NS EZ Mix).....	4.48
03 01 30 71-0105	LF	1" x 1/2" Polyurethane Elastomeric Sealant For Concrete, Surface Applied (SikaFlex 2C NS EZ Mix).....	5.04
03 01 30 71-0106	LF	1-1/4" x 1/2" Polyurethane Elastomeric Sealant For Concrete, Surface Applied (SikaFlex 2C NS EZ Mix).....	5.58
03 01 30 71-0107	LF	1-1/2" x 1/2" Polyurethane Elastomeric Sealant For Concrete, Surface Applied (SikaFlex 2C NS EZ Mix).....	6.24
03 01 30 71-0108		Carbon Fiber Strengthening System (03 01 30 71-0001) Note: Includes preparing surface, dust and debris removal by hand, clean and protect adjacent area, fill voids, primer, fabric substrate layers, final coat of epoxy and finish. Excludes disposal.	
03 01 30 71-0109	SF	Carbon Fiber Strengthening System For Concrete Beams, Per Layer.....	79.61
		Note: Includes carbon fabric epoxy saturant, primer, filler for voids, anchors, finish.	
03 01 30 71-0110	SF	Carbon Fiber Strengthening System For Concrete Columns, Per Layer.....	70.86
		Note: Includes carbon fabric epoxy saturant, primer, filler for voids, anchors, finish.	
03 01 30 71-0111	SF	Carbon Fiber Strengthening System For Concrete Ceiling Slabs, Per Layer.....	65.94
		Note: Includes carbon fabric epoxy saturant, primer, filler for voids, anchors, finish.	
03 01 30 71-0112	SF	Carbon Fiber Strengthening System For Concrete Walls, Per Layer.....	63.21
		Note: Includes carbon fabric epoxy saturant, primer, filler for voids, anchors, finish.	
03 01 30 71-0113	SF	Carbon Fiber Strengthening System For Concrete Slab, Per Layer.....	59.39
		Note: Includes carbon fabric epoxy saturant, primer, filler for voids, anchors, finish.	
03 01 30 71-0114		High Modulus Carbon Fiber Fabric (V-Wrap™ C200HM) (03 01 30 71-0001) Note: V-Wrap C200HM is a unidirectional carbon fiber fabric with fiber oriented in the 0° direction. V-Wrap C200HM system is field laminated using two-part 100% solids and high strength structural adhesives.	
03 01 30 71-0115	SF	17.7 Oz/SY, Uni-Directional, High Modulus Carbon Fiber Fabric For Columns.....	69.56
03 01 30 71-0116	SF	17.7 Oz/SY, Uni-Directional, High Modulus Carbon Fiber Fabric For Ceiling Slabs.....	65.38
03 01 30 71-0117	SF	17.7 Oz/SY, Uni-Directional, High Modulus Carbon Fiber Fabric For Walls.....	63.05
03 01 30 71-0118		Carbon Fiber Strengthening Fabric (SikaWrap) (03 01 30 71-0001)	
03 01 30 71-0119	SF	18 Oz/SY, Uni-Directional, ICC Listed, Carbon Fiber Fabric For Columns (SikaWrap® Hex-103 C).....	60.24
03 01 30 71-0120	SF	18 Oz/SY, Uni-Directional, ICC Listed, Carbon Fiber Fabric For Ceiling Slabs (SikaWrap® Hex-103 C).....	56.06
03 01 30 71-0121	SF	18 Oz/SY, Uni-Directional, ICC Listed, Carbon Fiber Fabric For Walls (SikaWrap® Hex-103 C).....	53.73
03 01 30 71-0122	SF	5 Mil Thick, Water Dispersed, Acrylic, Protective, Anti-Carbonation Coating (Sikagard®-670 W).....	1.46
		Note: Adhesive for Carbon fiber wrap application	
03 01 30 71-0123		Concrete Rehabilitation (03 01 30 71)	
03 01 30 71-0124		Corrosive Inhibitor (03 01 30 71-0123)	
03 01 30 71-0125	SF	Corrosive Inhibitor.....	6.02
03 01 30 71-0126		Remove Cracked Or Damaged Concrete Surfacing Material (03 01 30 71)	
03 01 30 71-0127	SF	Removal Of Concrete <3/4" Deep On Vertical Wall Surfaces.....	19.12
		Note: Excludes patching materials	
03 01 30 71-0128	SF	Removal Of Concrete 3/4" To 1-1/2" Deep On Vertical Wall Surfaces.....	25.33
		Note: Excludes patching materials.	
03 01 30 71-0129	SF	Removal Of Concrete >1-1/2" To 3" Deep On Vertical Wall Surfaces.....	31.55
		Note: Excludes patching materials.	
03 01 30 71-0130	SF	Removal Of Concrete >3" To 4" Deep On Vertical Wall Surfaces.....	42.06
		Note: Excludes patching materials.	
03 01 30 71-0131	SF	Removal Of Concrete <3/4" Deep On Overhead Surfaces.....	38.24
		Note: Excludes patching materials	
03 01 30 71-0132	SF	Removal Of Concrete 3/4" To 1-1/2" Deep On Overhead Surfaces.....	50.67
		Note: Excludes patching materials.	
03 01 30 71-0133	SF	Removal Of Concrete >1-1/2" To 3" Deep On Overhead Surfaces.....	63.09
		Note: Excludes patching materials.	



Concrete		03
Maintenance of Concrete		03 01
Maintenance of Cast-In-Place Concrete		03 01 30

03

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

03 01 30 71-0134	SF	Removal Of Concrete >3" To 4" Deep On Overhead Surfaces	84.12	
Note: Excludes patching materials.				

03 01 30 72 Strengthening Of Cast-in-Place Concrete (03 01 30)**03 01 30 72-0001 Concrete Surface Repairs** (03 01 30 72)

03 01 30 72-0002	SF	Sound The Concrete Surface To Locate Delaminated Areas	0.38	

03 05 Common Work Results For Concrete (03)**03 05 13 Concrete Admixtures** (03 05)**03 05 13 00-0001 Concrete Admixtures** (03 05 13)

03 05 13 00-0002	CY	Low Range Water Reducing (LRWR), Type A Concrete Admixture	6.37	
03 05 13 00-0003	CY	Set Retarding, Type B Concrete Admixture	4.41	
03 05 13 00-0004	CY	1% Calcium Chloride Accelerating, Type C Concrete Admixture	6.86	
03 05 13 00-0005	CY	2% Calcium Chloride Accelerating, Type C Concrete Admixture	13.73	
03 05 13 00-0006	CY	1% Non-Chloride Accelerating, Type C Concrete Admixture	12.26	
03 05 13 00-0007	CY	2% Non-Chloride Accelerating, Type C Concrete Admixture	24.52	
03 05 13 00-0008	CY	1% Water Reducing and Retarding (Hydration Stabilizer), Type D Concrete Admixture	5.30	
03 05 13 00-0009	CY	2% Water Reducing and Retarding (Hydration Stabilizer), Type D Concrete Admixture	10.33	
03 05 13 00-0010	CY	1% Water Reducing and Accelerating (High Early Strength), Type E Concrete Admixture	7.36	
03 05 13 00-0011	CY	2% Water Reducing and Accelerating (High Early Strength), Type E Concrete Admixture	14.71	
03 05 13 00-0012	CY	Mid Range Water Reducing (MRWR) Superplasticizer, Type A Or E Concrete Admixture	4.90	
03 05 13 00-0013	CY	High Range Water Reducing (HRWR) Superplasticizer, Type F Concrete Admixture	11.77	
03 05 13 00-0014	CY	1 LB/CY Polyethylene, Polypropylene, Nylon, Synthetic Plastic Fibers, Concrete Admixture	10.46	
03 05 13 00-0015	CY	1-1/2 LB/CY Polyethylene, Polypropylene, Nylon, Synthetic Plastic Fibers, Concrete Admixture	15.69	
03 05 13 00-0016	CY	25 LB/CY Steel Fibers, Concrete Admixture	46.40	
03 05 13 00-0017	CY	10% Microsilica (Silica Fume), Concrete Admixture	78.46	
03 05 13 00-0018	CY	Corrosion Inhibiting Concrete Admixture	29.42	
03 05 13 00-0019	CY	Winter Service Or Heat, Concrete Add	15.69	
03 05 13 00-0020	CY	Chilled Water, Concrete Add	15.69	
03 05 13 00-0021	CY	Subtle Color (See Davis Colors Color Card), Concrete Admixture	37.77	
03 05 13 00-0022	CY	Standard Color (See Davis Colors Color Card), Concrete Admixture	62.95	
03 05 13 00-0023	CY	Premium Color (See Davis Colors Color Card), Concrete Admixture	120.86	
03 05 13 00-0024	CY	Ultra Premium Color (See Davis Colors Color Card), Concrete Admixture	167.86	

03 10 Concrete Forming and Accessories (03)**03 11 Concrete Forming** (03 10)**03 11 13 Structural Cast-In-Place Concrete Forming** (03 11)

Note: Per square foot of formwork.

03 11 13 00-0001 Wood Formwork (03 11 13)

Note: For job built wood and/or plywood form systems where metal framed formwork cannot be used. Includes erecting, stripping, stacking, plywood, framing lumber, oiling, studs/walers, strongbacks, deadmen, supporting braces, turnbuckles, ties, and clips.

03 11 13 00-0002 Foundation Wood Formwork (03 11 13 00-0001)

Note: For foundation work below or at grade.

03 11 13 00-0003	SF	Continuous Footings Foundation Wood Formwork	8.05	
For <1,000, Add			1.51	
For Foundations >8' Below Grade, Add			1.46	
For Curved Formwork, Add			2.91	
03 11 13 00-0004	SF	Pile Cap, Pier Or Spread Footings Foundation Wood Formwork	9.59	
For <1,000, Add			1.81	
For Foundations >8' Below Grade, Add			1.76	
For Curved Formwork, Add			3.52	
03 11 13 00-0005	SF	Mat Foundation Wood Formwork	11.17	
For <1,000, Add			2.13	
For Foundations >8' Below Grade, Add			2.07	
For Curved Formwork, Add			4.15	
03 11 13 00-0006	SF	Grade Beams Or Duct Bank Foundation Wood Formwork	9.28	
For <1,000, Add			1.75	
For Foundations >8' Below Grade, Add			1.70	
For Curved Formwork, Add			3.39	
03 11 13 00-0007	SF	Below Grade Walls Foundation Wood Formwork	13.13	
Note: Excludes footing				
For <1,000, Add			2.47	
For Foundations >8' Below Grade, Add			2.40	
For Curved Formwork, Add			4.79	

03 11 13 00-0008 Slab Edge And Block-Out Wood Formwork (03 11 13 00-0001)

03 11 13 00-0009	LF	Up To 6" High Slab Edge and Block-Out Wood Formwork	6.21	
For Foundations >8' Below Grade, Add			1.16	
For Curved Formwork, Add			2.32	
For Up To 250, Add			1.19	

03 Concrete**03 10 Concrete Forming and Accessories****03 11 Concrete Forming**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 11 13 00-0010	LF	>6" To 12" High Slab Edge and Block-Out Wood Formwork <i>For Foundations >8' Below Grade, Add</i> <i>For Curved Formwork, Add</i> <i>For Up To 250, Add</i>	8.90 1.62 3.24 1.67	
03 11 13 00-0011	SF	>12" High Slab Edge and Block-Out Wood Formwork..... <i>For Foundations >8' Below Grade, Add</i> <i>For Curved Formwork, Add</i> <i>For <1,000, Add</i>	11.53 2.10 4.20 2.17	
03 11 13 00-0012		Column Wood Formwork (03 11 13 00-0001)		
03 11 13 00-0013	LF	Up To 8" Square Column Wood Formwork.....	48.02	
03 11 13 00-0014	LF	>8" To 12" Square Column Wood Formwork.....	70.24	
03 11 13 00-0015	LF	>12" To 18" Square Column Wood Formwork.....	88.38	
03 11 13 00-0016	LF	>18" To 24" Square Column Wood Formwork.....	126.78	
03 11 13 00-0017	LF	>24" To 36" Square Column Wood Formwork.....	182.00	
03 11 13 00-0018	LF	>36" To 48" Square Column Wood Formwork.....	240.55	
03 11 13 00-0019		Above Grade Wall Wood Formwork (03 11 13 00-0001)		
03 11 13 00-0020	SF	Up To 8' High Above Grade Wall Wood Formwork..... <i>For Curved Formwork, Add</i> <i>For <1,000, Add</i>	14.67 5.41 2.78	
03 11 13 00-0021	SF	>8' High Above Grade Wall Wood Formwork <i>For Curved Formwork, Add</i> <i>For <1,000, Add</i>	17.35 6.41 3.29	
03 11 13 00-0022		Elevated Beam Wood Formwork (03 11 13 00-0001) Note: Includes adjustable shores and column supports and bracing lumber up to 14' for bottom of elevated beam.		
03 11 13 00-0023	SF	Bottom of Elevated Beam Wood Formwork <i>For Curved Formwork, Add</i> <i>For <1,000, Add</i>	19.32 7.06 3.64	
03 11 13 00-0024	SF	Vertical Sides of Elevated Beam Wood Formwork <i>For Curved Formwork, Add</i> <i>For <1,000, Add</i>	12.18 4.50 2.31	
03 11 13 00-0025		Elevated Slab Wood Formwork (03 11 13 00-0001) Note: Includes adjustable shores and column supports and bracing lumber up to 14' for bottom of elevated slab.		
03 11 13 00-0026	SF	Elevated Slab Wood Formwork <i>For <1,000, Add</i>	11.48 2.09	
03 11 13 00-0027		Metal Framed Formwork (03 11 13 00-0001) Note: For all metal framed and metal form systems. Includes erecting, stripping, stacking, oiling, studs/walers, strongbacks, deadmen, supporting braces, turnbuckles, ties, and clips.		
03 11 13 00-0028		Foundation Metal Framed Formwork (03 11 13 00-0027) Note: For foundation work below or at grade.		
03 11 13 00-0029	SF	Continuous Footings Foundation Metal Framed Formwork..... <i>For <1,000, Add</i> <i>For Foundations >8' Below Grade, Add</i> <i>For Curved Formwork, Add</i>	7.48 1.37 1.31 2.61	
03 11 13 00-0030	SF	Pile Cap, Pier Or Spread Footings Foundation Metal Framed Formwork..... <i>For <1,000, Add</i> <i>For Foundations >8' Below Grade, Add</i> <i>For Curved Formwork, Add</i>	8.29 1.53 1.47 2.93	
03 11 13 00-0031	SF	Mat Foundation Metal Framed Formwork..... <i>For <1,000, Add</i> <i>For Foundations >8' Below Grade, Add</i> <i>For Curved Formwork, Add</i>	9.29 1.70 1.62 3.24	
03 11 13 00-0032	SF	Grade Beams Or Duct Bank Foundation Metal Framed Formwork <i>For <1,000, Add</i> <i>For Foundations >8' Below Grade, Add</i> <i>For Curved Formwork, Add</i>	7.84 1.43 1.36 2.72	
03 11 13 00-0033	SF	Below Grade Walls Foundation Metal Framed Formwork..... Note: Excludes footing. <i>For <1,000, Add</i> <i>For Foundations >8' Below Grade, Add</i> <i>For Curved Formwork, Add</i>	11.92 2.21 2.13 4.26	
03 11 13 00-0034		Slab Edge And Block-Out Metal Framed Formwork (03 11 13 00-0027)		
03 11 13 00-0035	LF	Up To 6" High Slab Edge and Block-Out Metal Framed Formwork <i>For Foundations >8' Below Grade, Add</i> <i>For Curved Formwork, Add</i> <i>For <250, Add</i>	5.42 1.06 2.11 1.07	
03 11 13 00-0036	LF	>6" To 12" High Slab Edge and Block-Out Metal Framed Formwork..... <i>For Foundations >8' Below Grade, Add</i> <i>For Curved Formwork, Add</i> <i>For <250, Add</i>	6.78 1.31 2.62 1.33	



	Concrete	03	
	Concrete Forming and Accessories	03 10	
	Concrete Forming	03 11	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 11 13 00-0037 SF >12" High Slab Edge and Block-Out Metal Framed Formwork..... For Foundations >8' Below Grade, Add For Curved Formwork, Add For <1,000, Add	7.51 1.45 2.90 1.47	
03 11 13 00-0038 Column Metal Framed Formwork (03 11 13 00-0027)		
03 11 13 00-0039 Square Columns (03 11 13 00-0038)		
03 11 13 00-0040 LF Up To 12" Square Column Metal Framed Formwork.....	46.47	
03 11 13 00-0041 LF >12" To 16" Square Column Metal Framed Formwork.....	56.17	
03 11 13 00-0042 LF >16" To 20" Square Column Metal Framed Formwork.....	65.90	
03 11 13 00-0043 LF >20" To 24" Square Column Metal Framed Formwork.....	78.73	
03 11 13 00-0044 LF >24" To 30" Square Column Metal Framed Formwork.....	94.86	
03 11 13 00-0045 LF >30" To 36" Square Column Metal Framed Formwork.....	113.91	
03 11 13 00-0046 LF >36" To 48" Square Column Metal Framed Formwork.....	146.17	
03 11 13 00-0047 LF >48" To 60" Square Column Metal Framed Formwork.....	180.31	
03 11 13 00-0048 Round Columns (03 11 13 00-0038)		
03 11 13 00-0049 LF Up To 12" Diameter Column Metal Formwork.....	46.02	
03 11 13 00-0050 LF >12" To 16" Diameter Column Metal Formwork.....	51.16	
03 11 13 00-0051 LF >16" To 20" Diameter Column Metal Formwork.....	58.70	
03 11 13 00-0052 LF >20" To 24" Diameter Column Metal Formwork.....	68.37	
03 11 13 00-0053 LF >24" To 30" Diameter Column Metal Formwork.....	80.70	
03 11 13 00-0054 LF >30" To 36" Diameter Column Metal Formwork.....	92.39	
03 11 13 00-0055 LF >36" To 48" Diameter Column Metal Formwork.....	119.91	
03 11 13 00-0056 LF >48" To 60" Diameter Column Metal Formwork.....	156.79	
03 11 13 00-0057 Above Grade Wall Metal Framed Formwork (03 11 13 00-0027)		
03 11 13 00-0058 SF Up to 8' High Above Grade Wall Metal Framed Formwork..... For Curved Formwork, Add For <1,000, Add	7.36 2.43 1.30	
03 11 13 00-0059 SF >8' High Above Grade Wall Metal Framed Formwork..... For Curved Formwork, Add For <1,000, Add	8.99 2.93 1.58	
03 11 13 00-0060 Elevated Beam Metal Framed Formwork (03 11 13 00-0027)		
Note: Includes adjustable shores and column supports and bracing lumber up to 14' for bottom of elevated beam.		
03 11 13 00-0061 SF Bottom of Elevated Beam Metal Framed Formwork..... For Curved Formwork, Add For <1,000, Add	7.45 2.28 1.26	
03 11 13 00-0062 SF Vertical Sides of Elevated Beam Metal Framed Formwork..... For Curved Formwork, Add For <1,000, Add	5.49 1.78 0.96	
03 11 13 00-0063 Elevated Slab Metal Framed Formwork (03 11 13 00-0027)		
Note: Includes adjustable shores and column supports and bracing lumber up to 14' for bottom of elevated slab.		
03 11 13 00-0064 SF Elevated Slab Metal Framed Formwork..... For <1,000, Add	10.42 1.56	
03 11 13 00-0065 Fiber Tube Formwork (03 11 13)		
Note: Includes all supporting braces, erecting, aligning, stripping, turnbuckles, ties and clips.		
03 11 13 00-0066 Round Column Fiber Tube Formwork (03 11 13 00-0065)		
03 11 13 00-0067 LF 6" Diameter Round Fiber Tube Formwork..... For Plastic Lined, Add For Columns >12' In Length, Add	19.41 0.80 1.94	
03 11 13 00-0068 LF 8" Diameter Round Fiber Tube Formwork..... For Plastic Lined, Add For Columns >12' In Length, Add	20.54 0.95 2.05	
03 11 13 00-0069 LF 10" Diameter Round Fiber Tube Formwork..... For Plastic Lined, Add For Columns >12' In Length, Add	22.86 1.15 2.29	
03 11 13 00-0070 LF 12" Diameter Round Fiber Tube Formwork..... For Plastic Lined, Add For Columns >12' In Length, Add	28.43 2.03 2.84	
03 11 13 00-0071 LF 14" Diameter Round Fiber Tube Formwork..... For Plastic Lined, Add For Columns >12' In Length, Add	32.02 2.58 3.20	
03 11 13 00-0072 LF 16" Diameter Round Fiber Tube Formwork..... For Plastic Lined, Add For Columns >12' In Length, Add	34.97 3.21 3.50	
03 11 13 00-0073 LF 18" Diameter Round Fiber Tube Formwork..... For Plastic Lined, Add For Columns >12' In Length, Add	37.73 3.76 3.77	
03 11 13 00-0074 LF 20" Diameter Round Fiber Tube Formwork..... For Plastic Lined, Add For Columns >12' In Length, Add	43.17 5.11 4.32	

03 Concrete**03 10 Concrete Forming and Accessories****03 11 Concrete Forming**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 11 13 00-0075	LF	22" Diameter Round Fiber Tube Formwork	45.17	
		For Plastic Lined, Add	5.32	
		For Columns >12' In Length, Add	4.52	
03 11 13 00-0076	LF	24" Diameter Round Fiber Tube Formwork	47.46	
		For Plastic Lined, Add	5.61	
		For Columns >12' In Length, Add	4.75	
03 11 13 00-0077	LF	26" Diameter Round Fiber Tube Formwork	49.46	
		For Plastic Lined, Add	6.05	
		For Columns >12' In Length, Add	4.95	
03 11 13 00-0078	LF	28" Diameter Round Fiber Tube Formwork	51.45	
		For Plastic Lined, Add	6.50	
		For Columns >12' In Length, Add	5.15	
03 11 13 00-0079	LF	30" Diameter Round Fiber Tube Formwork	53.45	
		For Plastic Lined, Add	6.94	
		For Columns >12' In Length, Add	5.35	
03 11 13 00-0080	LF	36" Diameter Round Fiber Tube Formwork	61.98	
		For Plastic Lined, Add	8.93	
		For Columns >12' In Length, Add	6.20	
03 11 13 00-0081	LF	42" Diameter Round Fiber Tube Formwork	98.81	
		For Plastic Lined, Add	19.57	
		For Columns >12' In Length, Add	9.88	
03 11 13 00-0082	LF	48" Diameter Round Fiber Tube Formwork	120.80	
		For Plastic Lined, Add	25.76	
		For Columns >12' In Length, Add	12.08	
03 11 13 00-0083	LF	54" Diameter Round Fiber Tube Formwork	219.66	
		For Plastic Lined, Add	54.76	
		For Columns >12' In Length, Add	21.97	
03 11 13 00-0084	LF	60" Diameter Round Fiber Tube Formwork	244.80	
		For Plastic Lined, Add	61.80	
		For Columns >12' In Length, Add	24.48	
03 11 13 00-0085		Accessories For Formwork (03 11 13)		
03 11 13 00-0086		Keyway Forms, All Materials (03 11 13 00-0085)		
03 11 13 00-0087	LF	2" x 4" To 2" x 6" Keyway Forms for Concrete Formwork, All Materials	2.16	
03 11 13 00-0088		Chamfer Strips, All Materials (03 11 13 00-0085)		
03 11 13 00-0089	LF	1/2" Wide Chamfer Strips for Concrete Formwork, All Materials	2.29	
03 11 13 00-0090	LF	3/4" Wide Chamfer Strips for Concrete Formwork, All Materials	2.65	
03 11 13 00-0091	LF	1" Wide Chamfer Strips for Concrete Formwork, All Materials	3.07	
03 11 13 00-0092		Strip Out Reglets For Concrete Formwork (03 11 13 00-0085)		
03 11 13 00-0093	LF	24 To 26 Gauge Galvanized Steel, Strip Out Reglets For Concrete Formwork	11.99	
03 11 13 00-0094		Sleeves And Chases, Plastic Or Sheet Metal (03 11 13 00-0085)		
03 11 13 00-0095	EA	2" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal	15.23	
03 11 13 00-0096	EA	4" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal	19.50	
03 11 13 00-0097	EA	6" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal	23.70	
03 11 13 00-0098	EA	8" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal	28.86	
03 11 13 00-0099	EA	12" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal	37.76	
03 11 13 00-0100	EA	18" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal	98.44	
03 11 16		Architectural Cast-In-Place Concrete Forming (03 11)		
03 11 16 13		Concrete Form Liners (03 11 16)		
03 11 16 13-0001		Concrete Form Liners (03 11 16 13)		
03 11 16 13-0002	SF	Various Patterns And Textures, 1 Use, Concrete Form Liner, Add To Formwork	5.40	
03 11 16 13-0003	SF	Beveled Edge, Rusticated Concrete Finish, 1 Use, Concrete Form Liner, Add To Formwork	7.28	
03 11 16 13-0004	SF	Square Edge, Rusticated Concrete Finish, 1 Use, Concrete Form Liner, Add To Formwork	9.59	
03 11 23		Permanent Stair Forming (03 11)		
03 11 23 00-0001		Stairway Wood Formwork (03 11 23)		
03 11 23 00-0002	SF	Cast On Grade Stairway Wood Formwork	18.62	
		For Curved Formwork, Add	7.18	
		For <1,000, Add	3.64	
03 11 23 00-0003	SF	Elevated Stairway Wood Formwork	37.01	
		Note: Includes adjustable column supports and bracing lumber up to 14' for bottom of elevated stair.		
		For Curved Formwork, Add	13.97	
		For <1,000, Add	7.12	
03 11 23 00-0004		Stairway Metal Framed Formwork (03 11 23)		
03 11 23 00-0005	SF	Cast On Grade Stairway Metal Framed Formwork	15.52	
		For Curved Formwork, Add	5.86	
		For <1,000, Add	2.99	



		Concrete	03	CS
		Concrete Forming and Accessories	03 10	
		Concrete Forming	03 11	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

03 11 23 00-0006	SF		Elevated Stairway Metal Framed Formwork.....	28.83	
			Note: Includes adjustable column supports and bracing lumber up to 14' for bottom of elevated stair.		
			For Curved Formwork, Add	10.88	
			For <1,000, Add	5.55	

03 15 Concrete Accessories (03 10)

03 15 13 Waterstops (03 15)

03 15 13 13 Non-Expanding Waterstops (03 15 13)

03 15 13 13-0001 Polyvinyl Chloride (PVC) Waterstops (03 15 13)

03 15 13 13-0002	LF	3/16" Thick x 4" Wide Ribbed Polyvinyl Chloride (PVC) Waterstop.....	9.86	
03 15 13 13-0003	LF	3/16" Thick x 6" Wide Ribbed Polyvinyl Chloride (PVC) Waterstop.....	11.41	
03 15 13 13-0004	LF	3/16" Thick x 9" Wide Ribbed Polyvinyl Chloride (PVC) Waterstop With Center Bulb.....	14.54	
03 15 13 13-0005	LF	3/8" Thick x 9" Wide Ribbed Polyvinyl Chloride (PVC) Waterstop With Center Bulb.....	16.36	
03 15 13 13-0006	LF	1/2" Thick x 9" Wide Ribbed Polyvinyl Chloride (PVC) Waterstop.....	28.02	
03 15 13 13-0007	LF	3/16" Thick x 6" Wide Dumbbell Polyvinyl Chloride (PVC) Waterstop.....	12.73	
03 15 13 13-0008	LF	3/8" Thick x 6" Wide Dumbbell Polyvinyl Chloride (PVC) Waterstop.....	15.35	
03 15 13 13-0009	LF	3/8" Thick x 9" Wide Plain Polyvinyl Chloride (PVC) Waterstop.....	31.24	
03 15 13 13-0010	LF	3/8" Thick x 9" Wide Plain Polyvinyl Chloride (PVC) Waterstop With Center Bulb.....	23.23	

03 15 13 13-0011 Rubber Waterstops (03 15 13)

03 15 13 13-0012	LF	3/8" Thick x 6" Wide Rubber Dumbbell Waterstop.....	9.64	
03 15 13 13-0013	LF	3/8" Thick x 9" Wide Rubber Dumbbell Waterstop.....	11.07	
03 15 13 13-0014	LF	1/4" Thick x 6" Wide Rubber Waterstop, With Center Bulb.....	10.13	
03 15 13 13-0015	LF	1/4" Thick x 9" Wide Rubber Waterstop, With Center Bulb.....	13.94	
03 15 13 13-0016	LF	3/8" Thick x 6" Wide Rubber Waterstop, With Center Bulb.....	11.51	
03 15 13 13-0017	LF	3/8" Thick x 9" Wide Rubber Waterstop, With Center Bulb.....	14.77	

03 15 13 16 Expanding Waterstops (03 15 13)

03 15 13 16-0001 Bentonite Waterstops (03 15 13 16)

03 15 13 16-0002	LF	3/4" x 3/8" Bentonite Waterstop.....	9.39	
03 15 13 16-0003	LF	1-1/4" x 1/2" Bentonite Waterstop.....	15.43	
03 15 13 16-0004	LF	1" x 3/4" Bentonite Waterstop.....	17.61	
03 15 13 16-0005	LF	1" x 1" Bentonite Waterstop.....	20.50	

03 15 16 Concrete Construction Joints (03 15)

03 15 16 00-0001 Poured Expansion Joint (03 15 16)

03 15 16 00-0002	LF	1/2" x 1" Plain Asphalt Expansion Joint, Poured.....	3.35	0.97
		For Installation In Walls, Add	1.62	
03 15 16 00-0003	LF	1" x 2" Plain Asphalt Expansion Joint, Poured.....	7.23	0.97
		For Installation In Walls, Add	1.82	
03 15 16 00-0004	LF	1/2" x 1" Liquid Neoprene Expansion Joint, Poured, Cold Applied.....	3.26	0.97
		For Installation In Walls, Add	1.62	
03 15 16 00-0005	LF	1" x 2" Liquid Neoprene Expansion Joint, Poured, Cold Applied.....	6.85	0.97
		For Installation In Walls, Add	1.82	
03 15 16 00-0006	LF	1/2" x 1" Polyurethane Expansion Joint, Poured, 2 Parts.....	4.47	0.97
		For Installation In Walls, Add	1.82	
03 15 16 00-0007	LF	1" x 2" Polyurethane Expansion Joint, Poured, Poured, 2 Parts.....	8.00	0.97
		For Installation In Walls, Add	2.96	
03 15 16 00-0008	LF	1/2" x 1" Rubberized Asphalt Expansion Joint, Poured, Hot Or Cold Applied.....	3.69	0.97
		For Installation In Walls, Add	1.62	
03 15 16 00-0009	LF	1/2" x 1" Rubberized Asphalt Expansion Joint, Poured, Hot Applied Fuel Resistant.....	4.48	0.97
		For Installation In Walls, Add	1.62	
03 15 16 00-0010	LF	1" x 2" Rubberized Asphalt Expansion Joint, Poured, Hot Applied Fuel Resistant.....	11.33	0.97
		For Installation In Walls, Add	1.82	

03 15 16 00-0011 Premolded Expansion Joints (03 15 16)

03 15 16 00-0012 Asphalt Saturated Fiber, Premolded Expansion Joints (03 15 16 00-0011)

03 15 16 00-0013	LF	1/4" x 3" Asphalt Saturated Fiber, Premolded Expansion Joint.....	2.35	1.09
03 15 16 00-0014	LF	1/4" x 4" Asphalt Saturated Fiber, Premolded Expansion Joint.....	2.70	1.14
03 15 16 00-0015	LF	1/4" x 5" Asphalt Saturated Fiber, Premolded Expansion Joint.....	2.91	1.20
03 15 16 00-0016	LF	1/4" x 6" Asphalt Saturated Fiber, Premolded Expansion Joint.....	3.14	1.25
03 15 16 00-0017	LF	3/8" x 3" Asphalt Saturated Fiber, Premolded Expansion Joint.....	2.56	1.09
03 15 16 00-0018	LF	3/8" x 4" Asphalt Saturated Fiber, Premolded Expansion Joint.....	2.87	1.14
03 15 16 00-0019	LF	3/8" x 5" Asphalt Saturated Fiber, Premolded Expansion Joint.....	3.23	1.20
03 15 16 00-0020	LF	3/8" x 6" Asphalt Saturated Fiber, Premolded Expansion Joint.....	3.75	1.25
03 15 16 00-0021	LF	1/2" x 2" Asphalt Saturated Fiber, Premolded Expansion Joint.....	2.33	1.03
03 15 16 00-0022	LF	1/2" x 3" Asphalt Saturated Fiber, Premolded Expansion Joint.....	2.53	1.09
03 15 16 00-0023	LF	1/2" x 4" Asphalt Saturated Fiber, Premolded Expansion Joint.....	2.79	1.14
03 15 16 00-0024	LF	1/2" x 5" Asphalt Saturated Fiber, Premolded Expansion Joint.....	3.00	1.20
03 15 16 00-0025	LF	1/2" x 6" Asphalt Saturated Fiber, Premolded Expansion Joint.....	3.26	1.25
03 15 16 00-0026	LF	1/2" x 8" Asphalt Saturated Fiber, Premolded Expansion Joint.....	3.62	1.30
03 15 16 00-0027	LF	1/2" x 10" Asphalt Saturated Fiber, Premolded Expansion Joint.....	3.89	1.36

03 Concrete**03 10 Concrete Forming and Accessories****03 15 Concrete Accessories**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 15 16 00-0028 LF 1/2" x 12" Asphalt Saturated Fiber, Premolded Expansion Joint	4.37	1.41
03 15 16 00-0029 LF 3/4" x 4" Asphalt Saturated Fiber, Premolded Expansion Joint	2.80	1.14
03 15 16 00-0030 LF 3/4" x 5" Asphalt Saturated Fiber, Premolded Expansion Joint	3.22	1.20
03 15 16 00-0031 LF 3/4" x 8" Asphalt Saturated Fiber, Premolded Expansion Joint	3.95	1.30
03 15 16 00-0032 SF 1" Asphalt Saturated Fiber, Premolded Expansion Joint	6.84	1.79
03 15 16 00-0033 Cork, Premolded Expansion Joints (03 15 16 00-0011)		
03 15 16 00-0034 LF 1/2" x 4" Cork, Premolded Expansion Joint	4.03	1.14
03 15 16 00-0035 LF 1/2" x 6" Cork, Premolded Expansion Joint	4.54	1.25
03 15 16 00-0036 LF 1/2" x 8" Cork, Premolded Expansion Joint	4.94	1.30
03 15 16 00-0037 LF 1/2" x 10" Cork, Premolded Expansion Joint	6.93	1.36
03 15 16 00-0038 LF 1/2" x 12" Cork, Premolded Expansion Joint	7.37	1.41
03 15 16 00-0039 SF 1/2" Cork, Premolded Expansion Joint	8.14	1.79
03 15 16 00-0040 SF 3/4" Cork, Premolded Expansion Joint	9.44	1.79
03 15 16 00-0041 SF 1" Cork, Premolded Expansion Joint	10.05	1.79
03 15 16 00-0042 Flexible Polyethylene Foam, Premolded Expansion Joints (03 15 16 00-0011)		
03 15 16 00-0043 LF 1/4" x 4" Flexible Polyethylene Foam, Premolded Expansion Joint	2.55	1.14
03 15 16 00-0044 LF 1/4" x 5" Flexible Polyethylene Foam, Premolded Expansion Joint	2.67	1.20
03 15 16 00-0045 LF 1/4" x 6" Flexible Polyethylene Foam, Premolded Expansion Joint	2.82	1.25
03 15 16 00-0046 LF 1/4" x 8" Flexible Polyethylene Foam, Premolded Expansion Joint	3.28	1.30
03 15 16 00-0047 LF 1/2" x 4" Flexible Polyethylene Foam, Premolded Expansion Joint	2.63	1.14
03 15 16 00-0048 LF 1/2" x 5" Flexible Polyethylene Foam, Premolded Expansion Joint	2.75	1.20
03 15 16 00-0049 LF 1/2" x 6" Flexible Polyethylene Foam, Premolded Expansion Joint	2.87	1.25
03 15 16 00-0050 LF 1/2" x 8" Flexible Polyethylene Foam, Premolded Expansion Joint	3.15	1.30
03 15 16 00-0051 Zip Strip, Premolded Expansion Joints (03 15 16 00-0011)		
03 15 16 00-0052 LF 1" Zip Strip, Premolded Expansion Joint	2.58	1.14
03 15 16 00-0053 LF 1-1/2" Zip Strip, Premolded Expansion Joint	2.82	1.20
03 15 16 00-0054 LF 2" Zip Strip, Premolded Expansion Joint	3.14	1.30
03 15 16 00-0055 Sponge Rubber, Premolded Expansion Joints (03 15 16 00-0011)		
03 15 16 00-0056 LF 1/2" x 4" Sponge Rubber, Premolded Expansion Joint	4.48	1.09
03 15 16 00-0057 LF 1/2" x 6" Sponge Rubber, Premolded Expansion Joint	5.37	1.09
03 15 16 00-0058 Asphalt Felt Control Joints Or Bond Breaker (03 15 16)		
03 15 16 00-0059 SF Asphalt Felt Control Joint, 30 LB Felt Bond Breaker.....	1.25	0.82
>1,250, Deduct	-0.06	
03 15 16 00-0060 SF Asphalt Felt Control Joint, 15 LB Felt Bond Breaker.....	1.17	0.82
>1,250, Deduct	-0.06	
03 15 16 00-0061 Keyed Cold Expansion And Control Joints (03 15 16)		
03 15 16 00-0062 24 Gauge Galvanized Steel With Stakes (03 15 16 00-0061)		
03 15 16 00-0063 LF 24 Gauge Galvanized Steel Keyed Joint, 3-1/2" Cold Expansion Or Control Joint.....	6.09	
03 15 16 00-0064 LF 24 Gauge Galvanized Steel Keyed Joint, 4-1/2" Cold Expansion Or Control Joint.....	6.18	
03 15 16 00-0065 LF 24 Gauge Galvanized Steel Keyed Joint, 5-1/2" Cold Expansion Or Control Joint.....	6.39	
03 15 16 00-0066 LF 24 Gauge Galvanized Steel Keyed Joint, 7-1/2" Cold Expansion Or Control Joint.....	6.75	
03 15 16 00-0067 LF 24 Gauge Galvanized Steel Keyed Joint, 9-1/2" Cold Expansion Or Control Joint.....	8.26	
03 15 16 00-0068 Expansion Control Systems (03 15 16)		
03 15 16 00-0069 Wabo Jeene "FW" Traffic Series Expansion Control System (03 15 16 00-0068)		
Note: Jeene® is a patented structural sealing joint system comprised of a neoprene profile, which is air-pressurized and bonded in place with a specially formulated epoxy adhesive. Complete adhesion of the epoxy to the profile and joint wall is achieved due to the air inflation during installation.		
03 15 16 00-0070 LF 1" x 1-1/4" Jeene "FW" Expansion Joint System	92.03	6.56
Note: Jeene 25FW. Includes seal, adhesive and all components required for installation. Excludes surface preparation.		
03 15 16 00-0071 LF 1-5/8" x 2" Jeene "FW" Expansion Joint System	113.83	7.43
Note: Jeene 40FW. Includes seal, adhesive and all components required for installation. Excludes surface preparation.		
03 15 16 00-0072 LF 2" x 2-1/2" Jeene "FW" Expansion Joint System	132.05	8.19
Note: Jeene 50FW. Includes seal, adhesive and all components required for installation. Excludes surface preparation.		
03 15 16 00-0073 LF 2-1/2" x 3-1/4" Jeene "FW" Expansion Joint System	157.55	9.07
Note: Jeene 65FW. Includes seal, adhesive and all components required for installation. Excludes surface preparation.		
03 15 16 00-0074 LF 3" x 3-3/4" Jeene "FW" Expansion Joint System	198.28	9.94
Note: Jeene 75FW. Includes seal, adhesive and all components required for installation. Excludes surface preparation.		
03 15 16 00-0075 LF 3-7/8" x 5" Jeene "FW" Expansion Joint System	234.66	10.72
Note: Jeene 100FW. Includes seal, adhesive and all components required for installation. Excludes surface preparation.		



		Concrete	03	3
		Concrete Forming and Accessories	03 10	
		Concrete Accessories	03 15	

MINOR CSI UOM DESCRIPTION				TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 15 16 00-0076	LF	5" x 6-1/8" Jeene "FW" Expansion Joint System	384.41	11.59	
Note: Jeene 125FW. Includes seal, adhesive and all components required for installation. Excludes surface preparation.					
03 15 16 00-0077		Wabo ElastoFlex "EFJ" High Impact Load Expansion Joint System (03 15 16 00-0068) Note: Wabo®ElastoFlex is a watertight continuous membrane system for joints with movements up to four inches in parking decks, loading docks, elevated roadways and other vehicle and forklift traffic. It uses mechanically fastened ethylene propylene diene monomer (EPDM) anchor blocks with molded-in steel inserts to support heavy duty and high impact loads. The winged flap of the durable elastomeric seal is locked between the anchor block and concrete slab. An epoxy paste bedding adhesive is applied between the winged flap and concrete slab to enhance the product's watertightness. The exposed surfaces are non-metallic and skid resistant while resisting UV deterioration and most chemicals.			
03 15 16 00-0078	LF	1-1/2" ElastoFlex "EFJ" Expansion Joint System	174.78	8.68	
Note: ElastoFlex EFJ-225 slab to slab. Includes seal, adhesive, epoxy bonded anchors and all components required for installation. Excludes drilling and surface preparation.					
03 15 16 00-0079	LF	2-1/2" ElastoFlex "EFJ" Expansion Joint System	217.23	10.85	
Note: ElastoFlex EFJ-400 slab to slab. Includes seal, adhesive, epoxy bonded anchors and all components required for installation. Excludes drilling and surface preparation.					
03 15 16 00-0080	LF	3-3/4" ElastoFlex "EFJ" Expansion Joint System	272.84	13.02	
Note: ElastoFlex EFJ-600 slab to slab. Includes seal, adhesive, epoxy bonded anchors and all components required for installation. Excludes drilling and surface preparation.					
03 15 16 00-0081	LF	1-1/2" ElastoFlex "EFJ-C" Expansion Joint System.....	133.20	8.68	
Note: ElastoFlex EFJ-225C wall to slab. Includes seal, adhesive, epoxy bonded anchors and all components required for installation. Excludes drilling and surface preparation.					
03 15 16 00-0082	LF	2-1/2" ElastoFlex "EFJ-C" Expansion Joint System.....	173.21	10.85	
Note: ElastoFlex EFJ-400C wall to slab. Includes seal, adhesive, epoxy bonded anchors and all components required for installation. Excludes drilling and surface preparation.					
03 15 16 00-0083	LF	3-3/4" ElastoFlex "EFJ-C" Expansion Joint System.....	231.25	13.02	
Note: ElastoFlex EFJ-600C wall to slab. Includes seal, adhesive, epoxy bonded anchors and all components required for installation. Excludes drilling and surface preparation.					
03 15 16 00-0084		Emseal Seismic Colorseal Expansion Joint System (03 15 16 00-0068) Note: For high-movement and seismic structural expansion joints, panel joints, window perimeter joints, joints around other penetrations of the building envelope such as store-fronts, curtain walls, EIFS panel joints etc, seal shall be silicone pre-coated, preformed, pre-compressed, self-expanding, sealant system. Seal shall combine factory-applied, 15 Shore-A hardness, low-modulus silicone, and a backing of acrylic-impregnated expanding foam into a unified binary sealant system.			
03 15 16 00-0085	LF	1" Seismic Colorseal Expansion Joint System.....	57.88	4.37	
Note: Includes seal, adhesive, field applied silicon cornerbeads and all components required for installation. Excludes surface preparation.					
03 15 16 00-0086	LF	1-1/2" Seismic Colorseal Expansion Joint System	85.89	5.03	
Note: Includes seal, adhesive, field applied silicon cornerbeads and all components required for installation. Excludes surface preparation.					
03 15 16 00-0087	LF	2" Seismic Colorseal Expansion Joint System.....	118.87	5.68	
Note: Includes seal, adhesive, field applied silicon cornerbeads and all components required for installation. Excludes surface preparation.					
03 15 16 00-0088	LF	2-1/2" Seismic Colorseal Expansion Joint System	147.39	6.23	
Note: Includes seal, adhesive, field applied silicon cornerbeads and all components required for installation. Excludes surface preparation.					
03 15 16 00-0089	LF	3" Seismic Colorseal Expansion Joint System.....	181.62	6.88	
Note: Includes seal, adhesive, field applied silicon cornerbeads and all components required for installation. Excludes surface preparation.					
03 15 16 00-0090	LF	3-1/2" Seismic Colorseal Expansion Joint System	223.90	7.54	
Note: Includes seal, adhesive, field applied silicon cornerbeads and all components required for installation. Excludes surface preparation.					
03 15 16 00-0091	LF	4" Seismic Colorseal Expansion Joint System.....	268.68	8.19	
Note: Includes seal, adhesive, field applied silicon cornerbeads and all components required for installation. Excludes surface preparation.					
03 15 16 00-0092	LF	4-1/2" Seismic Colorseal Expansion Joint System	309.00	8.74	
Note: Includes seal, adhesive, field applied silicon cornerbeads and all components required for installation. Excludes surface preparation.					
03 15 16 00-0093	LF	5" Seismic Colorseal Expansion Joint System.....	351.29	9.40	
Note: Includes seal, adhesive, field applied silicon cornerbeads and all components required for installation. Excludes surface preparation.					
03 15 16 00-0094		Emseal Thermaflex Watertight Expansion Joint System (03 15 16 00-0068) Note: Thermaflex consists of extruded thermo-plastic Santoprene rubber sealing glands with punched flanges embedded in a high-strength, flexible, impact-absorbing elastomeric concrete nosing. The thermo-plastic Santoprene sealing glands are heat-weldable making transitions through changes in direction and plane not only practical but watertight. The elastomeric concrete is two-part polyurethane reinforced with silica sand and fiberglass.			
03 15 16 00-0095	LF	1-1/2" Thermaflex TM Expansion Joint System	98.38	6.51	
Note: Includes seal, adhesive, polyurethane elastomeric concrete and all components required for installation. Excludes surface preparation.					
03 15 16 00-0096	LF	2-1/2" Thermaflex TM Expansion Joint System	105.05	7.59	
Note: Includes seal, adhesive, polyurethane elastomeric concrete and all components required for installation. Excludes surface preparation.					
03 15 16 00-0097	EA	Thermaflex TM Fittings Expansion Joint System.....	504.70	21.70	
Note: For direction changes, tees and crosses. Includes seal, adhesive, polyurethane elastomeric concrete and all components required for installation. Excludes surface preparation.					

03 Concrete**03 10 Concrete Forming and Accessories****03 15 Concrete Accessories**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

03 15 19 Cast-In Concrete Anchors (03 15)**03 15 19 00-0001 Cast In Place Anchors (03 15 19)**

Note: For cast in place installations. Includes nut and washer.

03 15 19 00-0002 J-Type Anchor Bolts (03 15 19 00-0001)

See CSI section 03 11 13 00-0002 for template.

03 15 19 00-0003 1/2" And 5/8" Diameter (03 15 19 00-0002)

03 15 19 00-0004	EA 1/2" Diameter x 6" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	13.10
	For Galvanized, Add	3.47
	For Stainless Steel, Add	24.29
	For >10 To 50, Deduct	-0.31
	For >50 To 100, Deduct	-0.79
	For >100, Deduct	-1.58
03 15 19 00-0005	EA 1/2" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	15.48
	For Galvanized, Add	4.42
	For Stainless Steel, Add	30.94
	For >10 To 50, Deduct	-0.33
	For >50 To 100, Deduct	-0.89
	For >100, Deduct	-1.77
03 15 19 00-0006	EA 1/2" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	19.37
	For Galvanized, Add	6.09
	For Stainless Steel, Add	42.63
	For >10 To 50, Deduct	-0.36
	For >50 To 100, Deduct	-1.02
	For >100, Deduct	-2.05
03 15 19 00-0007	EA 5/8" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	23.10
	For Galvanized, Add	7.96
	For Stainless Steel, Add	55.69
	For >10 To 50, Deduct	-0.36
	For >50 To 100, Deduct	-1.12
	For >100, Deduct	-2.23
03 15 19 00-0008	EA 5/8" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	29.09
	For Galvanized, Add	10.62
	For Stainless Steel, Add	74.34
	For >10 To 50, Deduct	-0.39
	For >50 To 100, Deduct	-1.32
	For >100, Deduct	-2.63
03 15 19 00-0009	EA 5/8" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	32.90
	For Galvanized, Add	12.14
	For Stainless Steel, Add	84.95
	For >10 To 50, Deduct	-0.43
	For >50 To 100, Deduct	-1.47
	For >100, Deduct	-2.94

03 15 19 00-0010 3/4" And 7/8" Diameter (03 15 19 00-0002)

03 15 19 00-0011	EA 3/4" Diameter x 8" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	32.73
	For Galvanized, Add	12.05
	For Stainless Steel, Add	84.35
	For >10 To 50, Deduct	-0.43
	For >50 To 100, Deduct	-1.47
	For >100, Deduct	-2.93
03 15 19 00-0012	EA 3/4" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	37.68
	For Galvanized, Add	14.05
	For Stainless Steel, Add	98.32
	For >10 To 50, Deduct	-0.48
	For >50 To 100, Deduct	-1.66
	For >100, Deduct	-3.32
03 15 19 00-0013	EA 3/4" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	46.77
	For Galvanized, Add	17.99
	For Stainless Steel, Add	125.93
	For >10 To 50, Deduct	-0.54
	For >50 To 100, Deduct	-1.98
	For >100, Deduct	-3.96
03 15 19 00-0014	EA 3/4" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	57.43
	For Galvanized, Add	22.67
	For Stainless Steel, Add	158.69
	For >10 To 50, Deduct	-0.60
	For >50 To 100, Deduct	-2.34
	For >100, Deduct	-4.69
03 15 19 00-0015	EA 7/8" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	43.73
	For Galvanized, Add	16.47
	For Stainless Steel, Add	115.29
	For >10 To 50, Deduct	-0.54
	For >50 To 100, Deduct	-1.90
	For >100, Deduct	-3.81
03 15 19 00-0016	EA 7/8" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	51.77
	For Galvanized, Add	19.72
	For Stainless Steel, Add	138.04
	For >10 To 50, Deduct	-0.62
	For >50 To 100, Deduct	-2.22
	For >100, Deduct	-4.44



		Concrete	03	CS
		Concrete Forming and Accessories	03 10	
		Concrete Accessories	03 15	

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST		UNIT COST
03 15 19 00-0017	EA 7/8" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	66.96		
	For Galvanized, Add	26.29		
	For Stainless Steel, Add	184.03		
	For >10 To 50, Deduct	-0.72		
	For >50 To 100, Deduct	-2.75		
	For >100, Deduct	-5.51		
03 15 19 00-0018	1" And 1-1/8" Diameter (03 15 19 00-0002)			
03 15 19 00-0019	EA 1" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	54.94		
	For Galvanized, Add	21.31		
	For Stainless Steel, Add	149.14		
	For >10 To 50, Deduct	-0.62		
	For >50 To 100, Deduct	-2.30		
	For >100, Deduct	-4.60		
03 15 19 00-0020	EA 1" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	55.66		
	For Galvanized, Add	25.64		
	For Stainless Steel, Add	179.48		
	For >10 To 50, Deduct	-0.72		
	For >50 To 100, Deduct	-2.72		
	For >100, Deduct	-5.44		
03 15 19 00-0021	EA 1" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	81.54		
	For Galvanized, Add	32.14		
	For Stainless Steel, Add	224.98		
	For >10 To 50, Deduct	-0.86		
	For >50 To 100, Deduct	-3.33		
	For >100, Deduct	-6.67		
03 15 19 00-0022	EA 1" Diameter x 36" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	100.12		
	For Galvanized, Add	39.27		
	For Stainless Steel, Add	274.89		
	For >10 To 50, Deduct	-1.08		
	For >50 To 100, Deduct	-4.12		
	For >100, Deduct	-8.24		
03 15 19 00-0023	EA 1-1/8" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	66.81		
	For Galvanized, Add	26.64		
	For Stainless Steel, Add	186.45		
	For >10 To 50, Deduct	-0.68		
	For >50 To 100, Deduct	-2.69		
	For >100, Deduct	-5.37		
03 15 19 00-0024	EA 1-1/8" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	79.90		
	For Galvanized, Add	32.06		
	For Stainless Steel, Add	224.39		
	For >10 To 50, Deduct	-0.79		
	For >50 To 100, Deduct	-3.18		
	For >100, Deduct	-6.36		
03 15 19 00-0025	EA 1-1/8" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	99.31		
	For Galvanized, Add	40.18		
	For Stainless Steel, Add	281.26		
	For >10 To 50, Deduct	-0.95		
	For >50 To 100, Deduct	-3.90		
	For >100, Deduct	-7.81		
03 15 19 00-0026	EA 1-1/8" Diameter x 36" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	121.87		
	For Galvanized, Add	49.09		
	For Stainless Steel, Add	343.63		
	For >10 To 50, Deduct	-1.18		
	For >50 To 100, Deduct	-4.82		
	For >100, Deduct	-9.65		
03 15 19 00-0027	1-1/4" And 1-1/2" Diameter (03 15 19 00-0002)			
03 15 19 00-0028	EA 1-1/4" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	81.58		
	For Galvanized, Add	33.29		
	For Stainless Steel, Add	233.03		
	For >10 To 50, Deduct	-0.75		
	For >50 To 100, Deduct	-3.16		
	For >100, Deduct	-6.33		
03 15 19 00-0029	EA 1-1/4" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	97.64		
	For Galvanized, Add	40.08		
	For Stainless Steel, Add	280.53		
	For >10 To 50, Deduct	-0.87		
	For >50 To 100, Deduct	-3.75		
	For >100, Deduct	-7.51		
03 15 19 00-0030	EA 1-1/4" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	121.48		
	For Galvanized, Add	50.24		
	For Stainless Steel, Add	351.68		
	For >10 To 50, Deduct	-1.05		
	For >50 To 100, Deduct	-4.61		
	For >100, Deduct	-9.22		
03 15 19 00-0031	EA 1-1/4" Diameter x 36" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	148.95		
	For Galvanized, Add	61.36		
	For Stainless Steel, Add	429.49		
	For >10 To 50, Deduct	-1.31		
	For >50 To 100, Deduct	-5.69		
	For >100, Deduct	-11.38		

03 Concrete**03 10 Concrete Forming and Accessories****03 15 Concrete Accessories**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 15 19 00-0032	EA	1-1/2" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	100.04	
		For Galvanized, Add	41.61	
		For Stainless Steel, Add	291.27	
		For >10 To 50, Deduct	-0.84	
		For >50 To 100, Deduct	-3.76	
		For >100, Deduct	-7.53	
03 15 19 00-0033	EA	1-1/2" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	119.79	
		For Galvanized, Add	50.09	
		For Stainless Steel, Add	350.60	
		For >10 To 50, Deduct	-0.98	
		For >50 To 100, Deduct	-4.47	
		For >100, Deduct	-8.93	
03 15 19 00-0034	EA	1-1/2" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	149.17	
		For Galvanized, Add	62.81	
		For Stainless Steel, Add	439.67	
		For >10 To 50, Deduct	-1.18	
		For >50 To 100, Deduct	-5.50	
		For >100, Deduct	-10.99	
03 15 19 00-0035	EA	1-1/2" Diameter x 36" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	182.82	
		For Galvanized, Add	76.70	
		For Stainless Steel, Add	536.90	
		For >10 To 50, Deduct	-1.47	
		For >50 To 100, Deduct	-6.78	
		For >100, Deduct	-13.55	
03 15 19 00-0036		L-Type Anchor Bolts (03 15 19 00-0001) See CSI section 03 11 13 00-0002 for template.		
03 15 19 00-0037		3/4" And 7/8" Diameter (03 15 19 00-0036)		
03 15 19 00-0038	EA	3/4" Diameter x 12" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	28.01	
		For Galvanized, Add	9.21	
		For Stainless Steel, Add	64.47	
		For >10 To 50, Deduct	-0.48	
		For >50 To 100, Deduct	-1.42	
		For >100, Deduct	-2.84	
03 15 19 00-0039	EA	3/4" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	33.55	
		For Galvanized, Add	11.38	
		For Stainless Steel, Add	79.66	
		For >10 To 50, Deduct	-0.54	
		For >50 To 100, Deduct	-1.65	
		For >100, Deduct	-3.30	
03 15 19 00-0040	EA	3/4" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	38.42	
		For Galvanized, Add	13.05	
		For Stainless Steel, Add	91.32	
		For >10 To 50, Deduct	-0.62	
		For >50 To 100, Deduct	-1.89	
		For >100, Deduct	-3.77	
03 15 19 00-0041	EA	3/4" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	41.47	
		For Galvanized, Add	13.55	
		For Stainless Steel, Add	94.82	
		For >10 To 50, Deduct	-0.72	
		For >50 To 100, Deduct	-2.12	
		For >100, Deduct	-4.23	
03 15 19 00-0042	EA	3/4" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	45.70	
		For Galvanized, Add	14.22	
		For Stainless Steel, Add	99.54	
		For >10 To 50, Deduct	-0.86	
		For >50 To 100, Deduct	-2.44	
		For >100, Deduct	-4.87	
03 15 19 00-0043	EA	7/8" Diameter x 12" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	33.63	
		For Galvanized, Add	11.42	
		For Stainless Steel, Add	79.94	
		For >10 To 50, Deduct	-0.54	
		For >50 To 100, Deduct	-1.65	
		For >100, Deduct	-3.30	
03 15 19 00-0044	EA	7/8" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	38.94	
		For Galvanized, Add	13.31	
		For Stainless Steel, Add	93.14	
		For >10 To 50, Deduct	-0.62	
		For >50 To 100, Deduct	-1.90	
		For >100, Deduct	-3.80	
03 15 19 00-0045	EA	7/8" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	44.90	
		For Galvanized, Add	15.26	
		For Stainless Steel, Add	106.82	
		For >10 To 50, Deduct	-0.72	
		For >50 To 100, Deduct	-2.20	
		For >100, Deduct	-4.40	
03 15 19 00-0046	EA	7/8" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	48.95	
		For Galvanized, Add	15.85	
		For Stainless Steel, Add	110.92	
		For >10 To 50, Deduct	-0.86	
		For >50 To 100, Deduct	-2.52	
		For >100, Deduct	-5.04	



		Concrete	03	CS
		Concrete Forming and Accessories	03 10	
		Concrete Accessories	03 15	

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST		UNIT COST
03 15 19 00-0047	EA 7/8" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	54.87		
	For Galvanized, Add	16.65		
	For Stainless Steel, Add	116.52		
	For >10 To 50, Deduct	-1.08		
	For >50 To 100, Deduct	-2.99		
	For >100, Deduct	-5.98		
03 15 19 00-0048	1" And 1-1/8" Diameter (03 15 19 00-0036)			
03 15 19 00-0049	EA 1" Diameter x 12" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	41.63		
	For Galvanized, Add	14.65		
	For Stainless Steel, Add	102.55		
	For >10 To 50, Deduct	-0.62		
	For >50 To 100, Deduct	-1.97		
	For >100, Deduct	-3.93		
03 15 19 00-0050	EA 1" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	47.32		
	For Galvanized, Add	16.47		
	For Stainless Steel, Add	115.29		
	For >10 To 50, Deduct	-0.72		
	For >50 To 100, Deduct	-2.26		
	For >100, Deduct	-4.52		
03 15 19 00-0051	EA 1" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	54.10		
	For Galvanized, Add	18.42		
	For Stainless Steel, Add	128.94		
	For >10 To 50, Deduct	-0.86		
	For >50 To 100, Deduct	-2.65		
	For >100, Deduct	-5.29		
03 15 19 00-0052	EA 1" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	57.34		
	For Galvanized, Add	19.29		
	For Stainless Steel, Add	135.03		
	For >10 To 50, Deduct	-0.94		
	For >50 To 100, Deduct	-2.84		
	For >100, Deduct	-5.68		
03 15 19 00-0053	EA 1" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	61.98		
	For Galvanized, Add	20.20		
	For Stainless Steel, Add	141.40		
	For >10 To 50, Deduct	-1.08		
	For >50 To 100, Deduct	-3.17		
	For >100, Deduct	-6.34		
03 15 19 00-0054	EA 1" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	70.79		
	For Galvanized, Add	23.41		
	For Stainless Steel, Add	163.84		
	For >10 To 50, Deduct	-1.20		
	For >50 To 100, Deduct	-3.57		
	For >100, Deduct	-7.14		
03 15 19 00-0055	EA 1" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	83.56		
	For Galvanized, Add	27.40		
	For Stainless Steel, Add	191.77		
	For >10 To 50, Deduct	-1.44		
	For >50 To 100, Deduct	-4.25		
	For >100, Deduct	-8.49		
03 15 19 00-0056	EA 1-1/8" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	52.91		
	For Galvanized, Add	19.27		
	For Stainless Steel, Add	134.86		
	For >10 To 50, Deduct	-0.72		
	For >50 To 100, Deduct	-2.40		
	For >100, Deduct	-4.80		
03 15 19 00-0057	EA 1-1/8" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	60.39		
	For Galvanized, Add	21.57		
	For Stainless Steel, Add	150.96		
	For >10 To 50, Deduct	-0.86		
	For >50 To 100, Deduct	-2.80		
	For >100, Deduct	-5.61		
03 15 19 00-0058	EA 1-1/8" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	63.88		
	For Galvanized, Add	22.56		
	For Stainless Steel, Add	157.92		
	For >10 To 50, Deduct	-0.94		
	For >50 To 100, Deduct	-3.00		
	For >100, Deduct	-6.01		
03 15 19 00-0059	1-1/4" And 1-3/8" Diameter (03 15 19 00-0036)			
03 15 19 00-0060	EA 1-1/4" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	63.86		
	For Galvanized, Add	23.30		
	For Stainless Steel, Add	163.10		
	For >10 To 50, Deduct	-0.86		
	For >50 To 100, Deduct	-2.89		
	For >100, Deduct	-5.78		
03 15 19 00-0061	EA 1-1/4" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	76.11		
	For Galvanized, Add	27.27		
	For Stainless Steel, Add	190.86		
	For >10 To 50, Deduct	-1.08		
	For >50 To 100, Deduct	-3.52		
	For >100, Deduct	-7.04		

03 Concrete**03 10 Concrete Forming and Accessories****03 15 Concrete Accessories**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 15 19 00-0062	EA	1-1/4" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	84.48	
		For Galvanized, Add	30.89	
		For Stainless Steel, Add	216.20	
		For >10 To 50, Deduct	-1.14	
		For >50 To 100, Deduct	-3.82	
		For >100, Deduct	-7.63	
03 15 19 00-0063	EA	1-1/4" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	93.72	
		For Galvanized, Add	34.87	
		For Stainless Steel, Add	244.09	
		For >10 To 50, Deduct	-1.20	
		For >50 To 100, Deduct	-4.14	
		For >100, Deduct	-8.28	
03 15 19 00-0064	EA	1-1/4" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	102.83	
		For Galvanized, Add	37.93	
		For Stainless Steel, Add	265.51	
		For >10 To 50, Deduct	-1.35	
		For >50 To 100, Deduct	-4.59	
		For >100, Deduct	-9.19	
03 15 19 00-0065	EA	1-1/4" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	112.06	
		For Galvanized, Add	40.62	
		For Stainless Steel, Add	284.31	
		For >10 To 50, Deduct	-1.54	
		For >50 To 100, Deduct	-5.11	
		For >100, Deduct	-10.23	
03 15 19 00-0066	EA	1-1/4" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	122.91	
		For Galvanized, Add	43.48	
		For Stainless Steel, Add	304.33	
		For >10 To 50, Deduct	-1.80	
		For >50 To 100, Deduct	-5.77	
		For >100, Deduct	-11.54	
03 15 19 00-0067	EA	1-1/4" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	139.30	
		For Galvanized, Add	48.07	
		For Stainless Steel, Add	336.49	
		For >10 To 50, Deduct	-2.16	
		For >50 To 100, Deduct	-6.72	
		For >100, Deduct	-13.44	
03 15 19 00-0068	EA	1-3/8" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	75.52	
		For Galvanized, Add	29.13	
		For Stainless Steel, Add	203.91	
		For >10 To 50, Deduct	-0.86	
		For >50 To 100, Deduct	-3.18	
		For >100, Deduct	-6.37	
03 15 19 00-0069	EA	1-3/8" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	89.76	
		For Galvanized, Add	34.09	
		For Stainless Steel, Add	238.63	
		For >10 To 50, Deduct	-1.08	
		For >50 To 100, Deduct	-3.86	
		For >100, Deduct	-7.73	
03 15 19 00-0070	EA	1-3/8" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	99.91	
		For Galvanized, Add	38.60	
		For Stainless Steel, Add	270.20	
		For >10 To 50, Deduct	-1.14	
		For >50 To 100, Deduct	-4.20	
		For >100, Deduct	-8.40	
03 15 19 00-0071	EA	1-3/8" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	111.15	
		For Galvanized, Add	43.59	
		For Stainless Steel, Add	305.10	
		For >10 To 50, Deduct	-1.20	
		For >50 To 100, Deduct	-4.58	
		For >100, Deduct	-9.15	
03 15 19 00-0072	EA	1-3/8" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	121.81	
		For Galvanized, Add	47.42	
		For Stainless Steel, Add	331.94	
		For >10 To 50, Deduct	-1.35	
		For >50 To 100, Deduct	-5.07	
		For >100, Deduct	-10.14	
03 15 19 00-0073	EA	1-3/8" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	132.39	
		For Galvanized, Add	50.78	
		For Stainless Steel, Add	355.46	
		For >10 To 50, Deduct	-1.54	
		For >50 To 100, Deduct	-5.62	
		For >100, Deduct	-11.24	
03 15 19 00-0074	EA	1-3/8" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	145.54	
		For Galvanized, Add	54.79	
		For Stainless Steel, Add	383.53	
		For >10 To 50, Deduct	-1.80	
		For >50 To 100, Deduct	-6.34	
		For >100, Deduct	-12.67	
03 15 19 00-0075	EA	1-3/8" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	163.36	
		For Galvanized, Add	60.10	
		For Stainless Steel, Add	420.70	
		For >10 To 50, Deduct	-2.16	
		For >50 To 100, Deduct	-7.32	
		For >100, Deduct	-14.64	



		Concrete	03	CS
		Concrete Forming and Accessories	03 10	
		Concrete Accessories	03 15	

MINOR		TOTAL DIRECT		DEMOLITION
CSI UOM DESCRIPTION		UNIT COST		UNIT COST
03 15 19 00-0076	1-1/2", 1-3/4", And 2" Diameter (03 15 19 00-0036)			
03 15 19 00-0077	EA 1-1/2" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....		100.37	
	For Galvanized, Add		40.38	
	For Stainless Steel, Add		282.63	
	For >10 To 50, Deduct		-0.98	
	For >50 To 100, Deduct		-3.98	
	For >100, Deduct		-7.96	
03 15 19 00-0078	EA 1-1/2" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....		107.41	
	For Galvanized, Add		42.35	
	For Stainless Steel, Add		296.45	
	For >10 To 50, Deduct		-1.14	
	For >50 To 100, Deduct		-4.39	
	For >100, Deduct		-8.78	
03 15 19 00-0079	EA 1-1/2" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....		118.58	
	For Galvanized, Add		46.60	
	For Stainless Steel, Add		326.17	
	For >10 To 50, Deduct		-1.27	
	For >50 To 100, Deduct		-4.87	
	For >100, Deduct		-9.74	
03 15 19 00-0080	EA 1-1/2" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....		128.79	
	For Galvanized, Add		50.91	
	For Stainless Steel, Add		356.37	
	For >10 To 50, Deduct		-1.35	
	For >50 To 100, Deduct		-5.24	
	For >100, Deduct		-10.49	
03 15 19 00-0081	EA 1-1/2" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....		139.22	
	For Galvanized, Add		55.23	
	For Stainless Steel, Add		386.58	
	For >10 To 50, Deduct		-1.44	
	For >50 To 100, Deduct		-5.64	
	For >100, Deduct		-11.28	
03 15 19 00-0082	EA 1-1/2" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....		151.97	
	For Galvanized, Add		59.39	
	For Stainless Steel, Add		415.70	
	For >10 To 50, Deduct		-1.66	
	For >50 To 100, Deduct		-6.29	
	For >100, Deduct		-12.58	
03 15 19 00-0083	EA 1-1/2" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....		167.72	
	For Galvanized, Add		64.24	
	For Stainless Steel, Add		449.68	
	For >10 To 50, Deduct		-1.96	
	For >50 To 100, Deduct		-7.14	
	For >100, Deduct		-14.27	
03 15 19 00-0084	EA 1-1/2" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....		190.44	
	For Galvanized, Add		71.24	
	For Stainless Steel, Add		498.68	
	For >10 To 50, Deduct		-2.40	
	For >50 To 100, Deduct		-8.36	
	For >100, Deduct		-16.72	
03 15 19 00-0085	EA 1-3/4" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....		143.08	
	For Galvanized, Add		60.75	
	For Stainless Steel, Add		425.25	
	For >10 To 50, Deduct		-1.08	
	For >50 To 100, Deduct		-5.20	
	For >100, Deduct		-10.39	
03 15 19 00-0086	EA 1-3/4" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....		148.12	
	For Galvanized, Add		62.07	
	For Stainless Steel, Add		434.49	
	For >10 To 50, Deduct		-1.20	
	For >50 To 100, Deduct		-5.50	
	For >100, Deduct		-11.00	
03 15 19 00-0087	EA 1-3/4" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....		151.53	
	For Galvanized, Add		63.07	
	For Stainless Steel, Add		441.49	
	For >10 To 50, Deduct		-1.27	
	For >50 To 100, Deduct		-5.69	
	For >100, Deduct		-11.39	
03 15 19 00-0088	EA 1-3/4" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....		172.66	
	For Galvanized, Add		72.85	
	For Stainless Steel, Add		509.92	
	For >10 To 50, Deduct		-1.35	
	For >50 To 100, Deduct		-6.34	
	For >100, Deduct		-12.68	
03 15 19 00-0089	EA 1-3/4" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....		199.01	
	For Galvanized, Add		84.09	
	For Stainless Steel, Add		588.63	
	For >10 To 50, Deduct		-1.54	
	For >50 To 100, Deduct		-7.29	
	For >100, Deduct		-14.58	
03 15 19 00-0090	EA 1-3/4" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....		206.35	
	For Galvanized, Add		85.20	
	For Stainless Steel, Add		596.37	
	For >10 To 50, Deduct		-1.80	
	For >50 To 100, Deduct		-7.86	
	For >100, Deduct		-15.71	

03 Concrete**03 10 Concrete Forming and Accessories****03 15 Concrete Accessories**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 15 19 00-0091	EA		1-3/4" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	227.16	
			For Galvanized, Add	92.00	
			For Stainless Steel, Add	644.00	
			For >10 To 50, Deduct	-2.16	
			For >50 To 100, Deduct	-8.92	
			For >100, Deduct	-17.83	
03 15 19 00-0092	EA		1-3/4" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	252.13	
			For Galvanized, Add	99.09	
			For Stainless Steel, Add	693.63	
			For >10 To 50, Deduct	-2.70	
			For >50 To 100, Deduct	-10.35	
			For >100, Deduct	-20.70	
03 15 19 00-0093	EA		2" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	210.35	
			For Galvanized, Add	92.48	
			For Stainless Steel, Add	647.36	
			For >10 To 50, Deduct	-1.27	
			For >50 To 100, Deduct	-7.16	
			For >100, Deduct	-14.33	
03 15 19 00-0094	EA		2" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	228.73	
			For Galvanized, Add	99.98	
			For Stainless Steel, Add	699.86	
			For >10 To 50, Deduct	-1.44	
			For >50 To 100, Deduct	-7.88	
			For >100, Deduct	-15.75	
03 15 19 00-0095	EA		2" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	251.14	
			For Galvanized, Add	108.97	
			For Stainless Steel, Add	762.79	
			For >10 To 50, Deduct	-1.66	
			For >50 To 100, Deduct	-8.77	
			For >100, Deduct	-17.54	
03 15 19 00-0096	EA		2" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	270.06	
			For Galvanized, Add	115.41	
			For Stainless Steel, Add	807.87	
			For >10 To 50, Deduct	-1.96	
			For >50 To 100, Deduct	-9.69	
			For >100, Deduct	-19.39	
03 15 19 00-0097	EA		2" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	291.19	
			For Galvanized, Add	124.02	
			For Stainless Steel, Add	868.11	
			For >10 To 50, Deduct	-2.16	
			For >50 To 100, Deduct	-10.52	
			For >100, Deduct	-21.03	
03 15 19 00-0098	EA		2" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	312.80	
			For Galvanized, Add	132.42	
			For Stainless Steel, Add	926.94	
			For >10 To 50, Deduct	-2.40	
			For >50 To 100, Deduct	-11.42	
			For >100, Deduct	-22.83	
03 15 19 00-0099	EA		2" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	346.10	
			For Galvanized, Add	142.22	
			For Stainless Steel, Add	995.54	
			For >10 To 50, Deduct	-3.08	
			For >50 To 100, Deduct	-13.28	
			For >100, Deduct	-26.55	
03 15 19 00-0100	EA		2" Diameter x 66" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	374.36	
			For Galvanized, Add	156.35	
			For Stainless Steel, Add	1,094.45	
			For >10 To 50, Deduct	-3.08	
			For >50 To 100, Deduct	-13.98	
			For >100, Deduct	-27.97	
03 15 19 00-0101	EA		2" Diameter x 72" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	419.52	
			For Galvanized, Add	173.80	
			For Stainless Steel, Add	1,216.57	
			For >10 To 50, Deduct	-3.60	
			For >50 To 100, Deduct	-15.88	
			For >100, Deduct	-31.77	
03 15 19 00-0102			2-1/2" And 2-3/4" Diameter (03 15 19 00-0036).....	436.31	
03 15 19 00-0103	EA		2-1/2" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	436.31	
			For Galvanized, Add	205.46	
			For Stainless Steel, Add	1,438.22	
			For >10 To 50, Deduct	-1.27	
			For >50 To 100, Deduct	-12.81	
			For >100, Deduct	-25.62	
03 15 19 00-0104	EA		2-1/2" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	458.29	
			For Galvanized, Add	214.76	
			For Stainless Steel, Add	1,503.32	
			For >10 To 50, Deduct	-1.44	
			For >50 To 100, Deduct	-13.62	
			For >100, Deduct	-27.23	



		Concrete	03	CS
		Concrete Forming and Accessories	03 10	
		Concrete Accessories	03 15	

MINOR		DESCRIPTION	TOTAL DIRECT	DEMOLITION
CSI	UOM		UNIT COST	UNIT COST
03 15 19 00-0105	EA	2-1/2" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	499.00	
		For Galvanized, Add	232.90	
		For Stainless Steel, Add	1,630.30	
		For >10 To 50, Deduct	-1.66	
		For >50 To 100, Deduct	-14.97	
		For >100, Deduct	-29.93	
03 15 19 00-0106	EA	2-1/2" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	530.13	
		For Galvanized, Add	245.45	
		For Stainless Steel, Add	1,718.12	
		For >10 To 50, Deduct	-1.96	
		For >50 To 100, Deduct	-16.20	
		For >100, Deduct	-32.39	
03 15 19 00-0107	EA	2-1/2" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	560.36	
		For Galvanized, Add	258.60	
		For Stainless Steel, Add	1,810.20	
		For >10 To 50, Deduct	-2.16	
		For >50 To 100, Deduct	-17.25	
		For >100, Deduct	-34.49	
03 15 19 00-0108	EA	2-1/2" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	594.64	
		For Galvanized, Add	273.34	
		For Stainless Steel, Add	1,913.38	
		For >10 To 50, Deduct	-2.40	
		For >50 To 100, Deduct	-18.46	
		For >100, Deduct	-36.93	
03 15 19 00-0109	EA	2-1/2" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	638.51	
		For Galvanized, Add	288.43	
		For Stainless Steel, Add	2,018.98	
		For >10 To 50, Deduct	-3.08	
		For >50 To 100, Deduct	-20.59	
		For >100, Deduct	-41.17	
03 15 19 00-0110	EA	2-3/4" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	492.16	
		For Galvanized, Add	232.60	
		For Stainless Steel, Add	1,628.17	
		For >10 To 50, Deduct	-1.35	
		For >50 To 100, Deduct	-14.33	
		For >100, Deduct	-28.65	
03 15 19 00-0111	EA	2-3/4" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	528.44	
		For Galvanized, Add	248.81	
		For Stainless Steel, Add	1,741.64	
		For >10 To 50, Deduct	-1.54	
		For >50 To 100, Deduct	-15.52	
		For >100, Deduct	-31.05	
03 15 19 00-0112	EA	2-3/4" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	566.30	
		For Galvanized, Add	265.17	
		For Stainless Steel, Add	1,856.19	
		For >10 To 50, Deduct	-1.80	
		For >50 To 100, Deduct	-16.85	
		For >100, Deduct	-33.71	
03 15 19 00-0113	EA	2-3/4" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	602.97	
		For Galvanized, Add	279.91	
		For Stainless Steel, Add	1,959.34	
		For >10 To 50, Deduct	-2.16	
		For >50 To 100, Deduct	-18.31	
		For >100, Deduct	-36.62	
03 15 19 00-0114	EA	2-3/4" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	639.98	
		For Galvanized, Add	296.01	
		For Stainless Steel, Add	2,072.07	
		For >10 To 50, Deduct	-2.40	
		For >50 To 100, Deduct	-19.60	
		For >100, Deduct	-39.19	
03 15 19 00-0115	EA	2-3/4" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	691.70	
		For Galvanized, Add	318.88	
		For Stainless Steel, Add	2,232.13	
		For >10 To 50, Deduct	-2.70	
		For >50 To 100, Deduct	-21.34	
		For >100, Deduct	-42.68	
03 15 19 00-0116	EA	2-3/4" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	744.75	
		For Galvanized, Add	336.41	
		For Stainless Steel, Add	2,354.87	
		For >10 To 50, Deduct	-3.60	
		For >50 To 100, Deduct	-24.01	
		For >100, Deduct	-48.03	

03 20 Concrete Reinforcing (03)

Note: Includes cutting or torching to size, bending where necessary and tie wires.

03 21 Reinforcement Bars (03 20)

Note: Includes cutting, bending, tie wire, tying, bar chairs and all non-mechanical splicing. The weights of reinforcing steel shall be used as follows: #2 - 0.167 Lbs./LF, #3 - 0.376 Lbs./LF, #4 - 0.668 Lbs./LF, #5 - 1.043 Lbs./LF, #6 - 1.502 Lbs./LF, #7 - 2.044 Lbs./LF, #8 - 2.670 Lbs./LF, #9 - 3.400 Lbs./LF, #10 - 4.303 Lbs./LF, #11 - 5.313 Lbs./LF, #14 - 7.650 Lbs./LF, #18 - 13.600 Lbs./LF.

03 21 11 Plain Steel Reinforcement Bars (03 21)

03 21 11 00-0001 Beams And Girders, Steel Reinforcement Bar (03 21 11)

Note: ASTM A-615 Plain Steel and A-706 Low Alloy Steel.



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 11 00-0002	LF	#3, Grade 40, Beams And Girders, Steel Reinforcement Bar.....	0.70	
		For Up To 100, Add	0.45	
		For >100 To 200, Add	0.25	
		For >200 To 500, Add	0.10	
03 21 11 00-0003	LF	#4, Grade 40, Beams And Girders, Steel Reinforcement Bar.....	1.18	
		For Up To 100, Add	0.78	
		For >100 To 200, Add	0.43	
		For >200 To 500, Add	0.17	
03 21 11 00-0004	LF	#5, Grade 40, Beams And Girders, Steel Reinforcement Bar.....	1.76	
		For Up To 100, Add	1.19	
		For >100 To 200, Add	0.64	
		For >200 To 500, Add	0.26	
03 21 11 00-0005	LF	#6, Grade 40, Beams And Girders, Steel Reinforcement Bar.....	2.43	
		For Up To 100, Add	1.67	
		For >100 To 200, Add	0.90	
		For >200 To 500, Add	0.36	
03 21 11 00-0006	LF	#3, Grade 50, Beams And Girders, Steel Reinforcement Bar.....	0.72	
		For Up To 100, Add	0.47	
		For >100 To 200, Add	0.26	
		For >200 To 500, Add	0.10	
03 21 11 00-0007	LF	#4, Grade 50, Beams And Girders, Steel Reinforcement Bar.....	1.20	
		For Up To 100, Add	0.80	
		For >100 To 200, Add	0.44	
		For >200 To 500, Add	0.17	
03 21 11 00-0008	LF	#5, Grade 50, Beams And Girders, Steel Reinforcement Bar.....	1.80	
		For Up To 100, Add	1.23	
		For >100 To 200, Add	0.66	
		For >200 To 500, Add	0.27	
03 21 11 00-0009	LF	#6, Grade 50, Beams And Girders, Steel Reinforcement Bar.....	2.48	
		For Up To 100, Add	1.72	
		For >100 To 200, Add	0.93	
		For >200 To 500, Add	0.37	
03 21 11 00-0010	LF	#3, Grade 60, Beams And Girders, Steel Reinforcement Bar.....	0.74	
		For Up To 100, Add	0.49	
		For >100 To 200, Add	0.27	
		For >200 To 500, Add	0.11	
03 21 11 00-0011	LF	#4, Grade 60, Beams And Girders, Steel Reinforcement Bar.....	1.24	
		For Up To 100, Add	0.84	
		For >100 To 200, Add	0.46	
		For >200 To 500, Add	0.18	
03 21 11 00-0012	LF	#5, Grade 60, Beams And Girders, Steel Reinforcement Bar.....	1.86	
		For Up To 100, Add	1.29	
		For >100 To 200, Add	0.69	
		For >200 To 500, Add	0.28	
03 21 11 00-0013	LF	#6, Grade 60, Beams And Girders, Steel Reinforcement Bar.....	2.57	
		For Up To 100, Add	1.81	
		For >100 To 200, Add	0.97	
		For >200 To 500, Add	0.39	
03 21 11 00-0014	LF	#7, Grade 60, Beams And Girders, Steel Reinforcement Bar.....	3.34	
		For Up To 100, Add	1.88	
		For >100 To 200, Add	1.10	
		For >200 To 400, Add	0.51	
03 21 11 00-0015	LF	#8, Grade 60, Beams And Girders, Steel Reinforcement Bar.....	4.16	
		For Up To 100, Add	2.39	
		For >100 To 200, Add	1.39	
		For >200 To 400, Add	0.65	
03 21 11 00-0016	LF	#9, Grade 60, Beams And Girders, Steel Reinforcement Bar.....	5.11	
		For Up To 100, Add	2.98	
		For >100 To 200, Add	1.72	
		For >200 To 400, Add	0.81	
03 21 11 00-0017	LF	#10, Grade 60, Beams And Girders, Steel Reinforcement Bar.....	6.25	
		For Up To 100, Add	3.00	
		For >100 To 200, Add	1.63	
		For >200 To 300, Add	0.81	
03 21 11 00-0018	LF	#11, Grade 60, Beams And Girders, Steel Reinforcement Bar.....	7.43	
		For Up To 100, Add	3.62	
		For >100 To 200, Add	1.95	
		For >200 To 300, Add	0.98	
03 21 11 00-0019	LF	#14, Grade 60, Beams And Girders, Steel Reinforcement Bar.....	10.29	
		For Up To 100, Add	5.09	
		For >100 To 200, Add	2.73	
		For >200 To 300, Add	1.36	
03 21 11 00-0020	LF	#18, Grade 60, Beams And Girders, Steel Reinforcement Bar.....	17.59	
		For Up To 100, Add	8.84	
		For >100 To 200, Add	4.71	
		For >200 To 300, Add	2.35	
03 21 11 00-0021	LF	#6, Grade 75, Beams And Girders, Steel Reinforcement Bar.....	2.66	
		For Up To 100, Add	1.90	
		For >100 To 200, Add	1.02	
		For >200 To 500, Add	0.41	
03 21 11 00-0022	LF	#7, Grade 75, Beams And Girders, Steel Reinforcement Bar.....	3.46	
		For Up To 100, Add	1.97	
		For >100 To 200, Add	1.15	
		For >200 To 400, Add	0.54	



		Concrete	03	3
		Concrete Reinforcing	03 20	
		Reinforcement Bars	03 21	

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST		UNIT COST
03 21 11 00-0023	LF #8, Grade 75, Beams And Girders, Steel Reinforcement Bar.....	4.32		
	For Up To 100, Add	2.51		
	For >100 To 200, Add	1.45		
	For >200 To 400, Add	0.68		
03 21 11 00-0024	LF #9, Grade 75, Beams And Girders, Steel Reinforcement Bar.....	5.31		
	For Up To 100, Add	3.13		
	For >100 To 200, Add	1.80		
	For >200 To 400, Add	0.85		
03 21 11 00-0025	LF #10, Grade 75, Beams And Girders, Steel Reinforcement Bar.....	6.50		
	For Up To 100, Add	3.15		
	For >100 To 200, Add	1.70		
	For >200 To 300, Add	0.85		
03 21 11 00-0026	LF #11, Grade 75, Beams And Girders, Steel Reinforcement Bar.....	7.74		
	For Up To 100, Add	3.81		
	For >100 To 200, Add	2.04		
	For >200 To 300, Add	1.02		
03 21 11 00-0027	LF #14, Grade 75, Beams And Girders, Steel Reinforcement Bar.....	10.73		
	For Up To 100, Add	5.36		
	For >100 To 200, Add	2.86		
	For >200 To 300, Add	1.43		
03 21 11 00-0028	LF #18, Grade 75, Beams And Girders, Steel Reinforcement Bar.....	18.38		
	For Up To 100, Add	9.32		
	For >100 To 200, Add	4.94		
	For >200 To 300, Add	2.47		
03 21 11 00-0029	LF #3, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar.....	0.75		
	For Up To 100, Add	0.50		
	For >100 To 200, Add	0.27		
	For >200 To 500, Add	0.11		
03 21 11 00-0030	LF #4, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar.....	1.27		
	For Up To 100, Add	0.87		
	For >100 To 200, Add	0.47		
	For >200 To 500, Add	0.19		
03 21 11 00-0031	LF #5, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar.....	1.91		
	For Up To 100, Add	1.34		
	For >100 To 200, Add	0.72		
	For >200 To 500, Add	0.29		
03 21 11 00-0032	LF #6, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar.....	2.64		
	For Up To 100, Add	1.88		
	For >100 To 200, Add	1.01		
	For >200 To 500, Add	0.40		
03 21 11 00-0033	LF #7, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar.....	3.43		
	For Up To 100, Add	1.95		
	For >100 To 200, Add	1.14		
	For >200 To 400, Add	0.53		
03 21 11 00-0034	LF #8, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar.....	4.28		
	For Up To 100, Add	2.48		
	For >100 To 200, Add	1.44		
	For >200 To 400, Add	0.67		
03 21 11 00-0035	LF #9, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar.....	5.26		
	For Up To 100, Add	3.09		
	For >100 To 200, Add	1.78		
	For >200 To 400, Add	0.84		
03 21 11 00-0036	LF #10, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar.....	6.43		
	For Up To 100, Add	3.11		
	For >100 To 200, Add	1.68		
	For >200 To 300, Add	0.84		
03 21 11 00-0037	LF #11, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar.....	7.66		
	For Up To 100, Add	3.76		
	For >100 To 200, Add	2.02		
	For >200 To 300, Add	1.01		
03 21 11 00-0038	LF #14, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar.....	10.62		
	For Up To 100, Add	5.29		
	For >100 To 200, Add	2.83		
	For >200 To 300, Add	1.41		
03 21 11 00-0039	LF #18, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar.....	18.18		
	For Up To 100, Add	9.20		
	For >100 To 200, Add	4.88		
	For >200 To 300, Add	2.44		
03 21 11 00-0040	Columns, Steel Reinforcement Bar (03 21 11)			
	Note: ASTM A-615 Plain Steel and A-706 Low Alloy Steel.			
03 21 11 00-0041	LF #3, Grade 40, Columns, Steel Reinforcement Bar.....	0.73		
	For Up To 100, Add	0.47		
	For >100 To 200, Add	0.26		
	For >200 To 500, Add	0.10		
03 21 11 00-0042	LF #4, Grade 40, Columns, Steel Reinforcement Bar.....	1.25		
	For Up To 100, Add	0.81		
	For >100 To 200, Add	0.44		
	For >200 To 500, Add	0.18		
03 21 11 00-0043	LF #5, Grade 40, Columns, Steel Reinforcement Bar.....	1.85		
	For Up To 100, Add	1.23		
	For >100 To 200, Add	0.67		
	For >200 To 500, Add	0.27		



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 11 00-0044	LF	#6, Grade 40, Columns, Steel Reinforcement Bar	.....	2.56	
		For Up To 100, Add	.....	1.73	
		For >100 To 200, Add	.....	0.93	
		For >200 To 500, Add	.....	0.37	
03 21 11 00-0045	LF	#3, Grade 50, Columns, Steel Reinforcement Bar	.....	0.75	
		For Up To 100, Add	.....	0.49	
		For >100 To 200, Add	.....	0.27	
		For >200 To 500, Add	.....	0.11	
03 21 11 00-0046	LF	#4, Grade 50, Columns, Steel Reinforcement Bar	.....	1.27	
		For Up To 100, Add	.....	0.83	
		For >100 To 200, Add	.....	0.45	
		For >200 To 500, Add	.....	0.18	
03 21 11 00-0047	LF	#5, Grade 50, Columns, Steel Reinforcement Bar	.....	1.89	
		For Up To 100, Add	.....	1.27	
		For >100 To 200, Add	.....	0.69	
		For >200 To 500, Add	.....	0.27	
03 21 11 00-0048	LF	#6, Grade 50, Columns, Steel Reinforcement Bar	.....	2.61	
		For Up To 100, Add	.....	1.78	
		For >100 To 200, Add	.....	0.96	
		For >200 To 500, Add	.....	0.38	
03 21 11 00-0049	LF	#3, Grade 60, Columns, Steel Reinforcement Bar	.....	0.77	
		For Up To 100, Add	.....	0.51	
		For >100 To 200, Add	.....	0.28	
		For >200 To 500, Add	.....	0.11	
03 21 11 00-0050	LF	#4, Grade 60, Columns, Steel Reinforcement Bar	.....	1.31	
		For Up To 100, Add	.....	0.87	
		For >100 To 200, Add	.....	0.47	
		For >200 To 500, Add	.....	0.19	
03 21 11 00-0051	LF	#5, Grade 60, Columns, Steel Reinforcement Bar	.....	1.95	
		For Up To 100, Add	.....	1.33	
		For >100 To 200, Add	.....	0.72	
		For >200 To 500, Add	.....	0.29	
03 21 11 00-0052	LF	#6, Grade 60, Columns, Steel Reinforcement Bar	.....	2.70	
		For Up To 100, Add	.....	1.87	
		For >100 To 200, Add	.....	1.00	
		For >200 To 500, Add	.....	0.40	
03 21 11 00-0053	LF	#7, Grade 60, Columns, Steel Reinforcement Bar	.....	3.49	
		For Up To 100, Add	.....	1.93	
		For >100 To 200, Add	.....	1.14	
		For >200 To 400, Add	.....	0.53	
03 21 11 00-0054	LF	#8, Grade 60, Columns, Steel Reinforcement Bar	.....	4.34	
		For Up To 100, Add	.....	2.45	
		For >100 To 200, Add	.....	1.43	
		For >200 To 400, Add	.....	0.67	
03 21 11 00-0055	LF	#9, Grade 60, Columns, Steel Reinforcement Bar	.....	5.32	
		For Up To 100, Add	.....	3.05	
		For >100 To 200, Add	.....	1.78	
		For >200 To 400, Add	.....	0.83	
03 21 11 00-0056	LF	#10, Grade 60, Columns, Steel Reinforcement Bar	.....	6.49	
		For Up To 100, Add	.....	3.08	
		For >100 To 200, Add	.....	1.67	
		For >200 To 300, Add	.....	0.84	
03 21 11 00-0057	LF	#11, Grade 60, Columns, Steel Reinforcement Bar	.....	7.70	
		For Up To 100, Add	.....	3.70	
		For >100 To 200, Add	.....	2.00	
		For >200 To 300, Add	.....	1.00	
03 21 11 00-0058	LF	#14, Grade 60, Columns, Steel Reinforcement Bar	.....	10.66	
		For Up To 100, Add	.....	5.20	
		For >100 To 200, Add	.....	2.80	
		For >200 To 300, Add	.....	1.40	
03 21 11 00-0059	LF	#18, Grade 60, Columns, Steel Reinforcement Bar	.....	18.16	
		For Up To 100, Add	.....	9.01	
		For >100 To 200, Add	.....	4.82	
		For >200 To 300, Add	.....	2.41	
03 21 11 00-0060	LF	#6, Grade 75, Columns, Steel Reinforcement Bar	.....	2.79	
		For Up To 100, Add	.....	1.96	
		For >100 To 200, Add	.....	1.05	
		For >200 To 500, Add	.....	0.42	
03 21 11 00-0061	LF	#7, Grade 75, Columns, Steel Reinforcement Bar	.....	3.61	
		For Up To 100, Add	.....	2.02	
		For >100 To 200, Add	.....	1.19	
		For >200 To 400, Add	.....	0.55	
03 21 11 00-0062	LF	#8, Grade 75, Columns, Steel Reinforcement Bar	.....	4.50	
		For Up To 100, Add	.....	2.57	
		For >100 To 200, Add	.....	1.50	
		For >200 To 400, Add	.....	0.70	
03 21 11 00-0063	LF	#9, Grade 75, Columns, Steel Reinforcement Bar	.....	5.52	
		For Up To 100, Add	.....	3.20	
		For >100 To 200, Add	.....	1.86	
		For >200 To 400, Add	.....	0.87	
03 21 11 00-0064	LF	#10, Grade 75, Columns, Steel Reinforcement Bar	.....	6.74	
		For Up To 100, Add	.....	3.23	
		For >100 To 200, Add	.....	1.75	
		For >200 To 300, Add	.....	0.87	



		Concrete	03	CS
		Concrete Reinforcing	03 20	
		Reinforcement Bars	03 21	

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST		UNIT COST
03 21 11 00-0065	LF #11, Grade 75, Columns, Steel Reinforcement Bar.....	8.01		
	For Up To 100, Add	3.89		
	For >100 To 200, Add	2.10		
	For >200 To 300, Add	1.05		
03 21 11 00-0066	LF #14, Grade 75, Columns, Steel Reinforcement Bar.....	11.10		
	For Up To 100, Add	5.47		
	For >100 To 200, Add	2.93		
	For >200 To 300, Add	1.47		
03 21 11 00-0067	LF #18, Grade 75, Columns, Steel Reinforcement Bar.....	18.95		
	For Up To 100, Add	9.49		
	For >100 To 200, Add	5.06		
	For >200 To 300, Add	2.53		
03 21 11 00-0068	LF #3, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	0.78		
	For Up To 100, Add	0.52		
	For >100 To 200, Add	0.28		
	For >200 To 500, Add	0.11		
03 21 11 00-0069	LF #4, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	1.34		
	For Up To 100, Add	0.90		
	For >100 To 200, Add	0.49		
	For >200 To 500, Add	0.20		
03 21 11 00-0070	LF #5, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	2.00		
	For Up To 100, Add	1.38		
	For >100 To 200, Add	0.74		
	For >200 To 500, Add	0.30		
03 21 11 00-0071	LF #6, Grade 60, Columns, Low Alloy Steel Reinforcement Bar.....	2.77		
	For Up To 100, Add	1.94		
	For >100 To 200, Add	1.04		
	For >200 To 500, Add	0.42		
03 21 11 00-0072	LF #7, Grade 60, Columns, Low Alloy Steel Reinforcement Bar.....	3.58		
	For Up To 100, Add	2.00		
	For >100 To 200, Add	1.18		
	For >200 To 400, Add	0.55		
03 21 11 00-0073	LF #8, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	4.46		
	For Up To 100, Add	2.54		
	For >100 To 200, Add	1.48		
	For >200 To 400, Add	0.69		
03 21 11 00-0074	LF #9, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	5.47		
	For Up To 100, Add	3.16		
	For >100 To 200, Add	1.84		
	For >200 To 400, Add	0.86		
03 21 11 00-0075	LF #10, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	6.67		
	For Up To 100, Add	3.18		
	For >100 To 200, Add	1.73		
	For >200 To 300, Add	0.86		
03 21 11 00-0076	LF #11, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	7.93		
	For Up To 100, Add	3.84		
	For >100 To 200, Add	2.07		
	For >200 To 300, Add	1.04		
03 21 11 00-0077	LF #14, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	10.99		
	For Up To 100, Add	5.40		
	For >100 To 200, Add	2.90		
	For >200 To 300, Add	1.45		
03 21 11 00-0078	LF #18, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	18.75		
	For Up To 100, Add	9.37		
	For >100 To 200, Add	5.00		
	For >200 To 300, Add	2.50		
03 21 11 00-0079	Footings, Steel Reinforcement Bar (03 21 11)			
	Note: ASTM A-615 Plain Steel and A-706 Low Alloy Steel.			
03 21 11 00-0080	LF #3, Grade 40, Footings, Steel Reinforcement Bar	0.63		
	For Up To 100, Add	0.43		
	For >100 To 200, Add	0.23		
	For >200 To 500, Add	0.09		
03 21 11 00-0081	LF #4, Grade 40, Footings, Steel Reinforcement Bar	1.08		
	For Up To 100, Add	0.74		
	For >100 To 200, Add	0.40		
	For >200 To 500, Add	0.16		
03 21 11 00-0082	LF #5, Grade 40, Footings, Steel Reinforcement Bar	1.63		
	For Up To 100, Add	1.14		
	For >100 To 200, Add	0.61		
	For >200 To 500, Add	0.24		
03 21 11 00-0083	LF #6, Grade 40, Footings, Steel Reinforcement Bar	2.25		
	For Up To 100, Add	1.60		
	For >100 To 200, Add	0.86		
	For >200 To 500, Add	0.34		
03 21 11 00-0084	LF #3, Grade 50, Footings, Steel Reinforcement Bar	0.65		
	For Up To 100, Add	0.45		
	For >100 To 200, Add	0.24		
	For >200 To 500, Add	0.10		
03 21 11 00-0085	LF #4, Grade 50, Footings, Steel Reinforcement Bar	1.10		
	For Up To 100, Add	0.76		
	For >100 To 200, Add	0.41		
	For >200 To 500, Add	0.16		



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 11 00-0086	LF	#5, Grade 50, Footings, Steel Reinforcement Bar	.....	1.67	
		For Up To 100, Add	.....	1.18	
		For >100 To 200, Add	.....	0.63	
		For >200 To 500, Add	.....	0.25	
03 21 11 00-0087	LF	#6, Grade 50, Footings, Steel Reinforcement Bar	.....	2.30	
		For Up To 100, Add	.....	1.65	
		For >100 To 200, Add	.....	0.88	
		For >200 To 500, Add	.....	0.35	
03 21 11 00-0088	LF	#3, Grade 60, Footings, Steel Reinforcement Bar	.....	0.67	
		For Up To 100, Add	.....	0.47	
		For >100 To 200, Add	.....	0.25	
		For >200 To 500, Add	.....	0.10	
03 21 11 00-0089	LF	#4, Grade 60, Footings, Steel Reinforcement Bar	.....	1.14	
		For Up To 100, Add	.....	0.80	
		For >100 To 200, Add	.....	0.43	
		For >200 To 500, Add	.....	0.17	
03 21 11 00-0090	LF	#5, Grade 60, Footings, Steel Reinforcement Bar	.....	1.73	
		For Up To 100, Add	.....	1.24	
		For >100 To 200, Add	.....	0.66	
		For >200 To 500, Add	.....	0.26	
03 21 11 00-0091	LF	#6, Grade 60, Footings, Steel Reinforcement Bar	.....	2.39	
		For Up To 100, Add	.....	1.74	
		For >100 To 200, Add	.....	0.93	
		For >200 To 500, Add	.....	0.37	
03 21 11 00-0092	LF	#7, Grade 60, Footings, Steel Reinforcement Bar	.....	3.11	
		For Up To 100, Add	.....	1.80	
		For >100 To 200, Add	.....	1.04	
		For >200 To 400, Add	.....	0.49	
03 21 11 00-0093	LF	#8, Grade 60, Footings, Steel Reinforcement Bar	.....	3.89	
		For Up To 100, Add	.....	2.29	
		For >100 To 200, Add	.....	1.32	
		For >200 To 400, Add	.....	0.62	
03 21 11 00-0094	LF	#9, Grade 60, Footings, Steel Reinforcement Bar	.....	4.79	
		For Up To 100, Add	.....	2.86	
		For >100 To 200, Add	.....	1.64	
		For >200 To 400, Add	.....	0.78	
03 21 11 00-0095	LF	#10, Grade 60, Footings, Steel Reinforcement Bar	.....	5.87	
		For Up To 100, Add	.....	3.56	
		For >100 To 200, Add	.....	2.03	
		For >200 To 400, Add	.....	0.96	
		For Up To 100, Add	.....	2.89	
		For >100 To 200, Add	.....	1.55	
		For >200 To 300, Add	.....	0.78	
03 21 11 00-0096	LF	#11, Grade 60, Footings, Steel Reinforcement Bar	.....	7.01	
		For Up To 100, Add	.....	4.31	
		For >100 To 200, Add	.....	2.45	
		For >200 To 400, Add	.....	1.17	
		For Up To 100, Add	.....	3.50	
		For >100 To 200, Add	.....	1.87	
		For >200 To 300, Add	.....	0.93	
03 21 11 00-0097	LF	#14, Grade 60, Footings, Steel Reinforcement Bar	.....	9.75	
		For Up To 100, Add	.....	6.08	
		For >100 To 200, Add	.....	3.44	
		For >200 To 400, Add	.....	1.64	
		For Up To 100, Add	.....	4.93	
		For >100 To 200, Add	.....	2.62	
		For >200 To 300, Add	.....	1.31	
03 21 11 00-0098	LF	#18, Grade 60, Footings, Steel Reinforcement Bar	.....	16.73	
		For Up To 100, Add	.....	10.61	
		For >100 To 200, Add	.....	5.96	
		For >200 To 400, Add	.....	2.86	
		For Up To 100, Add	.....	8.58	
		For >100 To 200, Add	.....	4.53	
		For >200 To 300, Add	.....	2.27	
03 21 11 00-0099	LF	#6, Grade 75, Footings, Steel Reinforcement Bar	.....	2.48	
		For Up To 100, Add	.....	1.83	
		For >100 To 200, Add	.....	0.97	
		For >200 To 500, Add	.....	0.39	
		For Up To 100, Add	.....	1.43	
		For >100 To 200, Add	.....	0.83	
		For >200 To 400, Add	.....	0.39	
03 21 11 00-0100	LF	#7, Grade 75, Footings, Steel Reinforcement Bar	.....	3.23	
		For Up To 100, Add	.....	1.89	
		For >100 To 200, Add	.....	1.09	
		For >200 To 400, Add	.....	0.51	
03 21 11 00-0101	LF	#8, Grade 75, Footings, Steel Reinforcement Bar	.....	4.05	
		For Up To 100, Add	.....	2.41	
		For >100 To 200, Add	.....	1.39	
		For >200 To 400, Add	.....	0.65	
03 21 11 00-0102	LF	#9, Grade 75, Footings, Steel Reinforcement Bar	.....	4.99	
		For Up To 100, Add	.....	3.01	
		For >100 To 200, Add	.....	1.72	
		For >200 To 400, Add	.....	0.82	
03 21 11 00-0103	LF	#10, Grade 75, Footings, Steel Reinforcement Bar	.....	6.12	
		For Up To 100, Add	.....	3.04	
		For >100 To 200, Add	.....	1.63	
		For >200 To 300, Add	.....	0.81	



		Concrete	03	CS
		Concrete Reinforcing	03 20	
		Reinforcement Bars	03 21	

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST		UNIT COST
03 21 11 00-0104	LF #11, Grade 75, Footings, Steel Reinforcement Bar	7.32		
	For Up To 100, Add	3.68		
	For >100 To 200, Add	1.96		
	For >200 To 300, Add	0.98		
03 21 11 00-0105	LF #14, Grade 75, Footings, Steel Reinforcement Bar	10.19		
	For Up To 100, Add	5.19		
	For >100 To 200, Add	2.75		
	For >200 To 300, Add	1.38		
03 21 11 00-0106	LF #18, Grade 75, Footings, Steel Reinforcement Bar	17.52		
	For Up To 100, Add	9.06		
	For >100 To 200, Add	4.77		
	For >200 To 300, Add	2.39		
03 21 11 00-0107	LF #3, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	0.68		
	For Up To 100, Add	0.48		
	For >100 To 200, Add	0.26		
	For >200 To 500, Add	0.10		
03 21 11 00-0108	LF #4, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	1.17		
	For Up To 100, Add	0.83		
	For >100 To 200, Add	0.45		
	For >200 To 500, Add	0.18		
03 21 11 00-0109	LF #5, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	1.78		
	For Up To 100, Add	1.29		
	For >100 To 200, Add	0.69		
	For >200 To 500, Add	0.27		
03 21 11 00-0110	LF #6, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	2.46		
	For Up To 100, Add	1.81		
	For >100 To 200, Add	0.96		
	For >200 To 500, Add	0.38		
03 21 11 00-0111	LF #7, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	3.20		
	For Up To 100, Add	1.87		
	For >100 To 200, Add	1.08		
	For >200 To 400, Add	0.51		
03 21 11 00-0112	LF #8, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	4.01		
	For Up To 100, Add	2.38		
	For >100 To 200, Add	1.37		
	For >200 To 400, Add	0.65		
03 21 11 00-0113	LF #9, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	4.94		
	For Up To 100, Add	2.98		
	For >100 To 200, Add	1.70		
	For >200 To 400, Add	0.81		
03 21 11 00-0114	LF #10, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	6.05		
	For Up To 100, Add	3.00		
	For >100 To 200, Add	1.60		
	For >200 To 300, Add	0.80		
03 21 11 00-0115	LF #11, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	7.24		
	For Up To 100, Add	3.63		
	For >100 To 200, Add	1.94		
	For >200 To 300, Add	0.97		
03 21 11 00-0116	LF #14, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	10.08		
	For Up To 100, Add	5.13		
	For >100 To 200, Add	2.72		
	For >200 To 300, Add	1.36		
03 21 11 00-0117	LF #18, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	17.32		
	For Up To 100, Add	8.94		
	For >100 To 200, Add	4.71		
	For >200 To 300, Add	2.36		
03 21 11 00-0118	Slab On Grade, Steel Reinforcement Bar (03 21 11)			
	Note: ASTM A-615 Plain Steel and A-706 Low Alloy Steel.			
03 21 11 00-0119	LF #3, Grade 40, Slab On Grade, Steel Reinforcement Bar	0.61		
	For Up To 100, Add	0.42		
	For >100 To 200, Add	0.23		
	For >200 To 500, Add	0.09		
03 21 11 00-0120	LF #4, Grade 40, Slab On Grade, Steel Reinforcement Bar	1.05		
	For Up To 100, Add	0.73		
	For >100 To 200, Add	0.39		
	For >200 To 500, Add	0.16		
03 21 11 00-0121	LF #5, Grade 40, Slab On Grade, Steel Reinforcement Bar	1.57		
	For Up To 100, Add	1.11		
	For >100 To 200, Add	0.60		
	For >200 To 500, Add	0.24		
03 21 11 00-0122	LF #6, Grade 40, Slab On Grade, Steel Reinforcement Bar	2.17		
	For Up To 100, Add	1.57		
	For >100 To 200, Add	0.84		
	For >200 To 500, Add	0.33		
03 21 11 00-0123	LF #3, Grade 50, Slab On Grade, Steel Reinforcement Bar	0.63		
	For Up To 100, Add	0.44		
	For >100 To 200, Add	0.24		
	For >200 To 500, Add	0.09		
03 21 11 00-0124	LF #4, Grade 50, Slab On Grade, Steel Reinforcement Bar	1.07		
	For Up To 100, Add	0.75		
	For >100 To 200, Add	0.40		
	For >200 To 500, Add	0.16		



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

03 21 11 00-0125	LF #5, Grade 50, Slab On Grade, Steel Reinforcement Bar	1.61	
	For Up To 100, Add	1.15	
	For >100 To 200, Add	0.62	
	For >200 To 500, Add	0.25	
03 21 11 00-0126	LF #6, Grade 50, Slab On Grade, Steel Reinforcement Bar	2.22	
	For Up To 100, Add	1.62	
	For >100 To 200, Add	0.86	
	For >200 To 500, Add	0.34	
03 21 11 00-0127	LF #3, Grade 60, Slab On Grade, Steel Reinforcement Bar	0.65	
	For Up To 100, Add	0.46	
	For >100 To 200, Add	0.25	
	For >200 To 500, Add	0.10	
03 21 11 00-0128	LF #4, Grade 60, Slab On Grade, Steel Reinforcement Bar	1.11	
	For Up To 100, Add	0.79	
	For >100 To 200, Add	0.42	
	For >200 To 500, Add	0.17	
03 21 11 00-0129	LF #5, Grade 60, Slab On Grade, Steel Reinforcement Bar	1.67	
	For Up To 100, Add	1.21	
	For >100 To 200, Add	0.65	
	For >200 To 500, Add	0.26	
03 21 11 00-0130	LF #6, Grade 60, Slab On Grade, Steel Reinforcement Bar	2.31	
	For Up To 100, Add	1.71	
	For >100 To 200, Add	0.91	
	For >200 To 500, Add	0.36	
03 21 11 00-0131	LF #7, Grade 60, Slab On Grade, Steel Reinforcement Bar	3.03	
	For Up To 100, Add	1.77	
	For >100 To 200, Add	1.02	
	For >200 To 400, Add	0.48	
03 21 11 00-0132	LF #8, Grade 60, Slab On Grade, Steel Reinforcement Bar	3.79	
	For Up To 100, Add	2.26	
	For >100 To 200, Add	1.30	
	For >200 To 400, Add	0.61	
03 21 11 00-0133	LF #9, Grade 60, Slab On Grade, Steel Reinforcement Bar	4.68	
	For Up To 100, Add	2.83	
	For >100 To 200, Add	1.62	
	For >200 To 400, Add	0.77	
03 21 11 00-0134	LF #10, Grade 60, Slab On Grade, Steel Reinforcement Bar	5.74	
	For Up To 100, Add	2.85	
	For >100 To 200, Add	1.52	
	For >200 To 300, Add	0.76	
03 21 11 00-0135	LF #11, Grade 60, Slab On Grade, Steel Reinforcement Bar	6.88	
	For Up To 100, Add	3.46	
	For >100 To 200, Add	1.84	
	For >200 To 300, Add	0.92	
03 21 11 00-0136	LF #14, Grade 60, Slab On Grade, Steel Reinforcement Bar	9.56	
	For Up To 100, Add	4.87	
	For >100 To 200, Add	2.58	
	For >200 To 300, Add	1.29	
03 21 11 00-0137	LF #18, Grade 60, Slab On Grade, Steel Reinforcement Bar	16.45	
	For Up To 100, Add	8.50	
	For >100 To 200, Add	4.48	
	For >200 To 300, Add	2.24	
03 21 11 00-0138	LF #6, Grade 75, Slab On Grade, Steel Reinforcement Bar	2.40	
	For Up To 100, Add	1.80	
	For >100 To 200, Add	0.95	
	For >200 To 500, Add	0.38	
03 21 11 00-0139	LF #7, Grade 75, Slab On Grade, Steel Reinforcement Bar	3.15	
	For Up To 100, Add	1.86	
	For >100 To 200, Add	1.07	
	For >200 To 400, Add	0.51	
03 21 11 00-0140	LF #8, Grade 75, Slab On Grade, Steel Reinforcement Bar	3.95	
	For Up To 100, Add	2.38	
	For >100 To 200, Add	1.36	
	For >200 To 400, Add	0.64	
03 21 11 00-0141	LF #9, Grade 75, Slab On Grade, Steel Reinforcement Bar	4.88	
	For Up To 100, Add	2.98	
	For >100 To 200, Add	1.70	
	For >200 To 400, Add	0.81	
03 21 11 00-0142	LF #10, Grade 75, Slab On Grade, Steel Reinforcement Bar	5.99	
	For Up To 100, Add	3.00	
	For >100 To 200, Add	1.60	
	For >200 To 300, Add	0.80	
03 21 11 00-0143	LF #11, Grade 75, Slab On Grade, Steel Reinforcement Bar	7.19	
	For Up To 100, Add	3.64	
	For >100 To 200, Add	1.93	
	For >200 To 300, Add	0.97	
03 21 11 00-0144	LF #14, Grade 75, Slab On Grade, Steel Reinforcement Bar	10.00	
	For Up To 100, Add	5.14	
	For >100 To 200, Add	2.71	
	For >200 To 300, Add	1.36	
03 21 11 00-0145	LF #18, Grade 75, Slab On Grade, Steel Reinforcement Bar	17.24	
	For Up To 100, Add	8.97	
	For >100 To 200, Add	4.72	
	For >200 To 300, Add	2.36	



	Concrete	03	
	Concrete Reinforcing	03 20	
	Reinforcement Bars	03 21	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 11 00-0146	LF	#3, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	.....	0.66	
		For Up To 100, Add	.....	0.47	
		For >100 To 200, Add	.....	0.25	
		For >200 To 500, Add	.....	0.10	
03 21 11 00-0147	LF	#4, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	.....	1.14	
		For Up To 100, Add	.....	0.82	
		For >100 To 200, Add	.....	0.44	
		For >200 To 500, Add	.....	0.18	
03 21 11 00-0148	LF	#5, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	.....	1.72	
		For Up To 100, Add	.....	1.26	
		For >100 To 200, Add	.....	0.67	
		For >200 To 500, Add	.....	0.27	
03 21 11 00-0149	LF	#6, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	.....	2.38	
		For Up To 100, Add	.....	1.78	
		For >100 To 200, Add	.....	0.94	
		For >200 To 500, Add	.....	0.38	
03 21 11 00-0150	LF	#7, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	.....	3.12	
		For Up To 100, Add	.....	1.84	
		For >100 To 200, Add	.....	1.06	
		For >200 To 400, Add	.....	0.50	
03 21 11 00-0151	LF	#8, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	.....	3.91	
		For Up To 100, Add	.....	2.35	
		For >100 To 200, Add	.....	1.35	
		For >200 To 400, Add	.....	0.64	
03 21 11 00-0152	LF	#9, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	.....	4.83	
		For Up To 100, Add	.....	2.94	
		For >100 To 200, Add	.....	1.68	
		For >200 To 400, Add	.....	0.80	
03 21 11 00-0153	LF	#10, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	.....	5.92	
		For Up To 100, Add	.....	2.96	
		For >100 To 200, Add	.....	1.58	
		For >200 To 300, Add	.....	0.79	
03 21 11 00-0154	LF	#11, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	.....	7.11	
		For Up To 100, Add	.....	3.59	
		For >100 To 200, Add	.....	1.91	
		For >200 To 300, Add	.....	0.95	
03 21 11 00-0155	LF	#14, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	.....	9.89	
		For Up To 100, Add	.....	5.07	
		For >100 To 200, Add	.....	2.68	
		For >200 To 300, Add	.....	1.34	
03 21 11 00-0156	LF	#18, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	.....	17.04	
		For Up To 100, Add	.....	8.85	
		For >100 To 200, Add	.....	4.66	
		For >200 To 300, Add	.....	2.33	
03 21 11 00-0157		Elevated Slabs, Steel Reinforcement Bar (03 21 11)			
		Note: ASTM A-615 Plain Steel and A-706 Low Alloy Steel.			
03 21 11 00-0158	LF	#3, Grade 40, Elevated Slabs, Steel Reinforcement Bar	.....	0.57	
		For Up To 100, Add	.....	0.40	
		For >100 To 200, Add	.....	0.22	
		For >200 To 500, Add	.....	0.09	
03 21 11 00-0159	LF	#4, Grade 40, Elevated Slabs, Steel Reinforcement Bar	.....	0.98	
		For Up To 100, Add	.....	0.70	
		For >100 To 200, Add	.....	0.38	
		For >200 To 500, Add	.....	0.15	
03 21 11 00-0160	LF	#5, Grade 40, Elevated Slabs, Steel Reinforcement Bar	.....	1.48	
		For Up To 100, Add	.....	1.08	
		For >100 To 200, Add	.....	0.57	
		For >200 To 500, Add	.....	0.23	
03 21 11 00-0161	LF	#6, Grade 40, Elevated Slabs, Steel Reinforcement Bar	.....	2.05	
		For Up To 100, Add	.....	1.52	
		For >100 To 200, Add	.....	0.81	
		For >200 To 500, Add	.....	0.32	
03 21 11 00-0162	LF	#3, Grade 50, Elevated Slabs, Steel Reinforcement Bar	.....	0.59	
		For Up To 100, Add	.....	0.42	
		For >100 To 200, Add	.....	0.23	
		For >200 To 500, Add	.....	0.09	
03 21 11 00-0163	LF	#4, Grade 50, Elevated Slabs, Steel Reinforcement Bar	.....	1.00	
		For Up To 100, Add	.....	0.72	
		For >100 To 200, Add	.....	0.39	
		For >200 To 500, Add	.....	0.15	
03 21 11 00-0164	LF	#5, Grade 50, Elevated Slabs, Steel Reinforcement Bar	.....	1.52	
		For Up To 100, Add	.....	1.12	
		For >100 To 200, Add	.....	0.59	
		For >200 To 500, Add	.....	0.24	
03 21 11 00-0165	LF	#6, Grade 50, Elevated Slabs, Steel Reinforcement Bar	.....	2.10	
		For Up To 100, Add	.....	1.57	
		For >100 To 200, Add	.....	0.83	
		For >200 To 500, Add	.....	0.33	
03 21 11 00-0166	LF	#3, Grade 60, Elevated Slabs, Steel Reinforcement Bar	.....	0.61	
		For Up To 100, Add	.....	0.44	
		For >100 To 200, Add	.....	0.24	
		For >200 To 500, Add	.....	0.09	



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

03 21 11 00-0167	LF #4, Grade 60, Elevated Slabs, Steel Reinforcement Bar	1.04	
	For Up To 100, Add	0.76	
	For >100 To 200, Add	0.41	
	For >200 To 500, Add	0.16	
03 21 11 00-0168	LF #5, Grade 60, Elevated Slabs, Steel Reinforcement Bar	1.58	
	For Up To 100, Add	1.18	
	For >100 To 200, Add	0.62	
	For >200 To 500, Add	0.25	
03 21 11 00-0169	LF #6, Grade 60, Elevated Slabs, Steel Reinforcement Bar	2.19	
	For Up To 100, Add	1.66	
	For >100 To 200, Add	0.88	
	For >200 To 500, Add	0.35	
03 21 11 00-0170	LF #7, Grade 60, Elevated Slabs, Steel Reinforcement Bar	2.88	
	For Up To 100, Add	1.72	
	For >100 To 200, Add	0.99	
	For >200 To 400, Add	0.47	
03 21 11 00-0171	LF #8, Grade 60, Elevated Slabs, Steel Reinforcement Bar	3.60	
	For Up To 100, Add	2.19	
	For >100 To 200, Add	1.25	
	For >200 To 400, Add	0.59	
03 21 11 00-0172	LF #9, Grade 60, Elevated Slabs, Steel Reinforcement Bar	4.47	
	For Up To 100, Add	2.75	
	For >100 To 200, Add	1.56	
	For >200 To 400, Add	0.74	
03 21 11 00-0173	LF #10, Grade 60, Elevated Slabs, Steel Reinforcement Bar	5.50	
	For Up To 100, Add	2.78	
	For >100 To 200, Add	1.48	
	For >200 To 300, Add	0.74	
03 21 11 00-0174	LF #11, Grade 60, Elevated Slabs, Steel Reinforcement Bar	6.59	
	For Up To 100, Add	3.37	
	For >100 To 200, Add	1.78	
	For >200 To 300, Add	0.89	
03 21 11 00-0175	LF #14, Grade 60, Elevated Slabs, Steel Reinforcement Bar	9.21	
	For Up To 100, Add	4.77	
	For >100 To 200, Add	2.51	
	For >200 To 300, Add	1.26	
03 21 11 00-0176	LF #18, Grade 60, Elevated Slabs, Steel Reinforcement Bar	15.88	
	For Up To 100, Add	8.33	
	For >100 To 200, Add	4.36	
	For >200 To 300, Add	2.18	
03 21 11 00-0177	LF #6, Grade 75, Elevated Slabs, Steel Reinforcement Bar	2.28	
	For Up To 100, Add	1.75	
	For >100 To 200, Add	0.92	
	For >200 To 500, Add	0.37	
03 21 11 00-0178	LF #7, Grade 75, Elevated Slabs, Steel Reinforcement Bar	3.00	
	For Up To 100, Add	1.81	
	For >100 To 200, Add	1.04	
	For >200 To 400, Add	0.49	
03 21 11 00-0179	LF #8, Grade 75, Elevated Slabs, Steel Reinforcement Bar	3.76	
	For Up To 100, Add	2.31	
	For >100 To 200, Add	1.31	
	For >200 To 400, Add	0.63	
03 21 11 00-0180	LF #9, Grade 75, Elevated Slabs, Steel Reinforcement Bar	4.67	
	For Up To 100, Add	2.90	
	For >100 To 200, Add	1.64	
	For >200 To 400, Add	0.78	
03 21 11 00-0181	LF #10, Grade 75, Elevated Slabs, Steel Reinforcement Bar	5.75	
	For Up To 100, Add	2.93	
	For >100 To 200, Add	1.55	
	For >200 To 300, Add	0.78	
03 21 11 00-0182	LF #11, Grade 75, Elevated Slabs, Steel Reinforcement Bar	6.90	
	For Up To 100, Add	3.56	
	For >100 To 200, Add	1.88	
	For >200 To 300, Add	0.94	
03 21 11 00-0183	LF #14, Grade 75, Elevated Slabs, Steel Reinforcement Bar	9.65	
	For Up To 100, Add	5.03	
	For >100 To 200, Add	2.64	
	For >200 To 300, Add	1.32	
03 21 11 00-0184	LF #18, Grade 75, Elevated Slabs, Steel Reinforcement Bar	16.67	
	For Up To 100, Add	8.80	
	For >100 To 200, Add	4.60	
	For >200 To 300, Add	2.30	
03 21 11 00-0185	LF #3, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	0.62	
	For Up To 100, Add	0.45	
	For >100 To 200, Add	0.24	
	For >200 To 500, Add	0.10	
03 21 11 00-0186	LF #4, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	1.07	
	For Up To 100, Add	0.79	
	For >100 To 200, Add	0.42	
	For >200 To 500, Add	0.17	
03 21 11 00-0187	LF #5, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	1.63	
	For Up To 100, Add	1.23	
	For >100 To 200, Add	0.65	
	For >200 To 500, Add	0.26	



		Concrete	03	CS
		Concrete Reinforcing	03 20	
		Reinforcement Bars	03 21	

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST		UNIT COST
03 21 11 00-0188	LF #6, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar.....	2.26		
	For Up To 100, Add	1.73		
	For >100 To 200, Add	0.91		
	For >200 To 500, Add	0.36		
03 21 11 00-0189	LF #7, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar.....	2.97		
	For Up To 100, Add	1.79		
	For >100 To 200, Add	1.02		
	For >200 To 400, Add	0.48		
03 21 11 00-0190	LF #8, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar.....	3.72		
	For Up To 100, Add	2.28		
	For >100 To 200, Add	1.30		
	For >200 To 400, Add	0.62		
03 21 11 00-0191	LF #9, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar.....	4.62		
	For Up To 100, Add	2.87		
	For >100 To 200, Add	1.62		
	For >200 To 400, Add	0.77		
03 21 11 00-0192	LF #10, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar.....	5.68		
	For Up To 100, Add	2.89		
	For >100 To 200, Add	1.53		
	For >200 To 300, Add	0.77		
03 21 11 00-0193	LF #11, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar.....	6.82		
	For Up To 100, Add	3.51		
	For >100 To 200, Add	1.85		
	For >200 To 300, Add	0.93		
03 21 11 00-0194	LF #14, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar.....	9.54		
	For Up To 100, Add	4.97		
	For >100 To 200, Add	2.61		
	For >200 To 300, Add	1.30		
03 21 11 00-0195	LF #18, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar.....	16.47		
	For Up To 100, Add	8.68		
	For >100 To 200, Add	4.54		
	For >200 To 300, Add	2.27		
03 21 11 00-0196	Walls, Steel Reinforcement Bar (03 21 11)			
	Note: ASTM A-615 Plain Steel and A-706 Low Alloy Steel.			
03 21 11 00-0197	LF #3, Grade 40, Walls, Steel Reinforcement Bar.....	0.55		
	For Up To 100, Add	0.39		
	For >100 To 200, Add	0.21		
	For >200 To 500, Add	0.08		
03 21 11 00-0198	LF #4, Grade 40, Walls, Steel Reinforcement Bar.....	0.95		
	For Up To 100, Add	0.69		
	For >100 To 200, Add	0.37		
	For >200 To 500, Add	0.15		
03 21 11 00-0199	LF #5, Grade 40, Walls, Steel Reinforcement Bar.....	1.43		
	For Up To 100, Add	1.06		
	For >100 To 200, Add	0.56		
	For >200 To 500, Add	0.22		
03 21 11 00-0200	LF #6, Grade 40, Walls, Steel Reinforcement Bar.....	1.99		
	For Up To 100, Add	1.50		
	For >100 To 200, Add	0.79		
	For >200 To 500, Add	0.32		
03 21 11 00-0201	LF #3, Grade 50, Walls, Steel Reinforcement Bar.....	0.57		
	For Up To 100, Add	0.41		
	For >100 To 200, Add	0.22		
	For >200 To 500, Add	0.09		
03 21 11 00-0202	LF #4, Grade 50, Walls, Steel Reinforcement Bar.....	0.97		
	For Up To 100, Add	0.71		
	For >100 To 200, Add	0.38		
	For >200 To 500, Add	0.15		
03 21 11 00-0203	LF #5, Grade 50, Walls, Steel Reinforcement Bar.....	1.47		
	For Up To 100, Add	1.10		
	For >100 To 200, Add	0.58		
	For >200 To 500, Add	0.23		
03 21 11 00-0204	LF #6, Grade 50, Walls, Steel Reinforcement Bar.....	2.04		
	For Up To 100, Add	1.55		
	For >100 To 200, Add	0.82		
	For >200 To 500, Add	0.33		
03 21 11 00-0205	LF #3, Grade 60, Walls, Steel Reinforcement Bar.....	0.59		
	For Up To 100, Add	0.43		
	For >100 To 200, Add	0.23		
	For >200 To 500, Add	0.09		
03 21 11 00-0206	LF #4, Grade 60, Walls, Steel Reinforcement Bar.....	1.01		
	For Up To 100, Add	0.75		
	For >100 To 200, Add	0.40		
	For >200 To 500, Add	0.16		
03 21 11 00-0207	LF #5, Grade 60, Walls, Steel Reinforcement Bar.....	1.53		
	For Up To 100, Add	1.16		
	For >100 To 200, Add	0.61		
	For >200 To 500, Add	0.24		
03 21 11 00-0208	LF #6, Grade 60, Walls, Steel Reinforcement Bar.....	2.13		
	For Up To 100, Add	1.64		
	For >100 To 200, Add	0.86		
	For >200 To 500, Add	0.34		



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

03 21 11 00-0209	LF #7, Grade 60, Walls, Steel Reinforcement Bar	2.78	
	For Up To 100, Add	1.69	
	For >100 To 200, Add	0.96	
	For >200 To 400, Add	0.46	
03 21 11 00-0210	LF #8, Grade 60, Walls, Steel Reinforcement Bar	3.52	
	For Up To 100, Add	2.16	
	For >100 To 200, Add	1.23	
	For >200 To 400, Add	0.59	
03 21 11 00-0211	LF #9, Grade 60, Walls, Steel Reinforcement Bar	4.37	
	For Up To 100, Add	2.72	
	For >100 To 200, Add	1.54	
	For >200 To 400, Add	0.73	
03 21 11 00-0212	LF #10, Grade 60, Walls, Steel Reinforcement Bar	5.38	
	For Up To 100, Add	2.74	
	For >100 To 200, Add	1.45	
	For >200 To 300, Add	0.73	
03 21 11 00-0213	LF #11, Grade 60, Walls, Steel Reinforcement Bar	6.46	
	For Up To 100, Add	3.33	
	For >100 To 200, Add	1.76	
	For >200 To 300, Add	0.88	
03 21 11 00-0214	LF #14, Grade 60, Walls, Steel Reinforcement Bar	9.03	
	For Up To 100, Add	4.71	
	For >100 To 200, Add	2.47	
	For >200 To 300, Add	1.24	
03 21 11 00-0215	LF #18, Grade 60, Walls, Steel Reinforcement Bar	15.60	
	For Up To 100, Add	8.24	
	For >100 To 200, Add	4.31	
	For >200 To 300, Add	2.15	
03 21 11 00-0216	LF #6, Grade 75, Walls, Steel Reinforcement Bar	2.22	
	For Up To 100, Add	1.73	
	For >100 To 200, Add	0.91	
	For >200 To 500, Add	0.36	
03 21 11 00-0217	LF #7, Grade 75, Walls, Steel Reinforcement Bar	2.90	
	For Up To 100, Add	1.78	
	For >100 To 200, Add	1.01	
	For >200 To 400, Add	0.48	
03 21 11 00-0218	LF #8, Grade 75, Walls, Steel Reinforcement Bar	3.68	
	For Up To 100, Add	2.28	
	For >100 To 200, Add	1.29	
	For >200 To 400, Add	0.62	
03 21 11 00-0219	LF #9, Grade 75, Walls, Steel Reinforcement Bar	4.57	
	For Up To 100, Add	2.87	
	For >100 To 200, Add	1.62	
	For >200 To 400, Add	0.77	
03 21 11 00-0220	LF #10, Grade 75, Walls, Steel Reinforcement Bar	5.63	
	For Up To 100, Add	2.89	
	For >100 To 200, Add	1.53	
	For >200 To 300, Add	0.76	
03 21 11 00-0221	LF #11, Grade 75, Walls, Steel Reinforcement Bar	6.77	
	For Up To 100, Add	3.52	
	For >100 To 200, Add	1.85	
	For >200 To 300, Add	0.92	
03 21 11 00-0222	LF #14, Grade 75, Walls, Steel Reinforcement Bar	9.47	
	For Up To 100, Add	4.98	
	For >100 To 200, Add	2.61	
	For >200 To 300, Add	1.30	
03 21 11 00-0223	LF #18, Grade 75, Walls, Steel Reinforcement Bar	16.39	
	For Up To 100, Add	8.72	
	For >100 To 200, Add	4.55	
	For >200 To 300, Add	2.27	
03 21 11 00-0224	LF #3, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	0.60	
	For Up To 100, Add	0.44	
	For >100 To 200, Add	0.24	
	For >200 To 500, Add	0.09	
03 21 11 00-0225	LF #4, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	1.04	
	For Up To 100, Add	0.78	
	For >100 To 200, Add	0.41	
	For >200 To 500, Add	0.17	
03 21 11 00-0226	LF #5, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	1.58	
	For Up To 100, Add	1.21	
	For >100 To 200, Add	0.64	
	For >200 To 500, Add	0.25	
03 21 11 00-0227	LF #6, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	2.20	
	For Up To 100, Add	1.71	
	For >100 To 200, Add	0.90	
	For >200 To 500, Add	0.36	
03 21 11 00-0228	LF #7, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	2.87	
	For Up To 100, Add	1.75	
	For >100 To 200, Add	1.00	
	For >200 To 400, Add	0.47	
03 21 11 00-0229	LF #8, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	3.64	
	For Up To 100, Add	2.25	
	For >100 To 200, Add	1.28	
	For >200 To 400, Add	0.61	



Concrete			03	3
Concrete Reinforcing			03 20	
Reinforcement Bars			03 21	

MINOR		DESCRIPTION	TOTAL DIRECT	DEMOLITION
CSI	UOM		UNIT COST	UNIT COST
03 21 11 00-0230	LF	#9, Grade 60, Walls, Low Alloy Steel Reinforcement Bar..... For Up To 100, Add For >100 To 200, Add For >200 To 400, Add	4.52 2.83 1.60 0.76	
03 21 11 00-0231	LF	#10, Grade 60, Walls, Low Alloy Steel Reinforcement Bar..... For Up To 100, Add For >100 To 200, Add For >200 To 300, Add	5.56 2.85 1.51 0.75	
03 21 11 00-0232	LF	#11, Grade 60, Walls, Low Alloy Steel Reinforcement Bar..... For Up To 100, Add For >100 To 200, Add For >200 To 300, Add	6.69 3.47 1.83 0.91	
03 21 11 00-0233	LF	#14, Grade 60, Walls, Low Alloy Steel Reinforcement Bar..... For Up To 100, Add For >100 To 200, Add For >200 To 300, Add	9.36 4.91 2.57 1.29	
03 21 11 00-0234	LF	#18, Grade 60, Walls, Low Alloy Steel Reinforcement Bar..... For Up To 100, Add For >100 To 200, Add For >200 To 300, Add	16.19 8.60 4.49 2.24	
03 21 11 00-0235		Mechanical Joint Connection (03 21 11)		
03 21 11 00-0236		Thermal Type Mechanical Joint Connection (03 21 11 00-0235)		
03 21 11 00-0237	EA	Thermal Type Mechanical Joint Connection, Add Per Splice	234.48	
03 21 11 00-0238		Screwed Type Mechanical Joint Connection (03 21 11 00-0235)		
03 21 11 00-0239	EA	Screwed Type Mechanical Joint Connection, Add Per Splice	128.08	
03 21 11 00-0240		Deformed Straight Dowels (03 21 11) Note: Excludes drilling. See CSI section 02 41 19 13-0279 for drilling in concrete.		
03 21 11 00-0241	EA	3/8" Diameter x 24" Long, Deformed Straight Dowel..... For Up To 12" Length, Deduct For >12" To <24" Length, Deduct	2.75 -0.34 -0.17	
03 21 11 00-0242	EA	1/2" Diameter x 24" Long, Deformed Straight Dowel..... For Up To 12" Length, Deduct For >12" To <24" Length, Deduct	3.29 -0.45 -0.22	
03 21 11 00-0243	EA	5/8" Diameter x 24" Long, Deformed Straight Dowel..... For Up To 12" Length, Deduct For >12" To <24" Length, Deduct	4.05 -0.70 -0.35	
03 21 11 00-0244	EA	3/4" Diameter x 24" Long, Deformed Straight Dowel..... For Up To 12" Length, Deduct For >12" To <24" Length, Deduct	4.95 -1.02 -0.51	
03 21 11 00-0245	EA	7/8" Diameter x 24" Long, Deformed Straight Dowel..... For Up To 12" Length, Deduct For >12" To <24" Length, Deduct	5.89 -1.42 -0.71	
03 21 11 00-0246	EA	1" Diameter x 24" Long, Deformed Straight Dowel..... For Up To 12" Length, Deduct For >12" To <24" Length, Deduct	7.43 -1.82 -0.91	
03 21 11 00-0247	EA	1-1/8" Diameter x 24" Long, Deformed Straight Dowel..... For Up To 12" Length, Deduct For >12" To <24" Length, Deduct	8.78 -2.24 -1.12	
03 21 11 00-0248	EA	1-1/4" Diameter x 24" Long, Deformed Straight Dowel..... For Up To 12" Length, Deduct For >12" To <24" Length, Deduct	10.79 -2.93 -1.46	
03 21 11 00-0249	EA	1-3/8" Diameter x 24" Long, Deformed Straight Dowel..... For Up To 12" Length, Deduct For >12" To <24" Length, Deduct	12.84 -3.62 -1.81	
03 21 11 00-0250		Spirals, Reinforcing Steel (03 21 11)		
03 21 11 00-0251	TON	Up To 15" Diameter, Grade 60, Spirals, Reinforcing Steel..... For Grade 75, Add	3,501.23 133.51	
03 21 11 00-0252	TON	>15" To 24" Diameter, Grade 60, Spirals, Reinforcing Steel..... For Grade 75, Add	3,459.91 133.51	
03 21 11 00-0253	TON	>24" To 36" Diameter, Grade 60, Spirals, Reinforcing Steel..... For Grade 75, Add	3,428.42 133.51	
03 21 11 00-0254	TON	>36" To 48" Diameter, Grade 60, Spirals, Reinforcing Steel..... For Grade 75, Add	3,376.88 133.51	
03 21 11 00-0255	TON	>48" To 64" Diameter, Grade 60, Spirals, Reinforcing Steel..... For Grade 75, Add	3,307.20 133.51	
03 21 11 00-0256	TON	>64" To 84" Diameter, Grade 60, Spirals, Reinforcing Steel..... For Grade 75, Add	3,282.07 136.79	
03 21 11 00-0257	TON	>84" To 96" Diameter, Grade 60, Spirals, Reinforcing Steel..... For Grade 75, Add	3,223.73 136.79	
03 21 11 00-0258		Dowel Or Hairpin, Drilled And Epoxy Into Concrete (03 21 11)		
03 21 11 00-0259	EA	Dowels Or Hairpin, 1/2" x 30" Length, Drilled And Epoxy In Concrete, 6" Embedment.....	26.41	
03 21 11 00-0260	EA	Dowels Or Hairpin, 1/2" x 36" Length, Drilled And Epoxy In Concrete, >6" To 12" Embedment.....	27.65	



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

03 21 11 00-0261	Accessories For Reinforcing Steel (03 21 11)		
03 21 11 00-0262	Reinforcing Steel Lap-Weld Splice (03 21 11 00-0261)		
03 21 11 00-0263	EA Up To #6 Reinforcing Steel Lap-Weld Splice.....	61.43	
03 21 11 00-0264	EA >#6 Reinforcing Steel Lap-Weld Splice	97.94	

03 21 11 00-0265	Reinforcing Steel Sleeve And Wedge Splice Joint (03 21 11 00-0261)		
03 21 11 00-0266	EA Up To #4 Reinforcing Steel, Sleeve And Wedge Splice Joint.....	33.35	
03 21 11 00-0267	EA #5 Reinforcing Steel, Sleeve And Wedge Splice Joint.....	50.94	
03 21 11 00-0268	EA #6 Reinforcing Steel, Sleeve And Wedge Splice Joint.....	75.99	

03 21 13 Galvanized Reinforcement Steel Bars (03 21)

03 21 13 00-0001	Beams And Girders, Galvanized Steel Reinforcement Bar (03 21 13)		
Note: ASTM A-767 Hot Dipped Galvanized Steel.			
03 21 13 00-0002	LF #3, Grade 40, Beams And Girders, Galvanized Steel Reinforcement Bar.....	0.85	
	For Up To 100, Add	0.60	
	For >100 To 200, Add	0.32	
	For >200 To 500, Add	0.13	
03 21 13 00-0003	LF #4, Grade 40, Beams And Girders, Galvanized Steel Reinforcement Bar.....	1.44	
	For Up To 100, Add	1.04	
	For >100 To 200, Add	0.56	
	For >200 To 500, Add	0.22	
03 21 13 00-0004	LF #5, Grade 40, Beams And Girders, Galvanized Steel Reinforcement Bar.....	2.17	
	For Up To 100, Add	1.60	
	For >100 To 200, Add	0.85	
	For >200 To 500, Add	0.34	
03 21 13 00-0005	LF #6, Grade 40, Beams And Girders, Galvanized Steel Reinforcement Bar.....	3.02	
	For Up To 100, Add	2.26	
	For >100 To 200, Add	1.20	
	For >200 To 500, Add	0.48	
03 21 13 00-0006	LF #3, Grade 50, Beams And Girders, Galvanized Steel Reinforcement Bar.....	0.87	
	For Up To 100, Add	0.62	
	For >100 To 200, Add	0.33	
	For >200 To 500, Add	0.13	
03 21 13 00-0007	LF #4, Grade 50, Beams And Girders, Galvanized Steel Reinforcement Bar.....	1.47	
	For Up To 100, Add	1.07	
	For >100 To 200, Add	0.57	
	For >200 To 500, Add	0.23	
03 21 13 00-0008	LF #5, Grade 50, Beams And Girders, Galvanized Steel Reinforcement Bar.....	2.21	
	For Up To 100, Add	1.64	
	For >100 To 200, Add	0.87	
	For >200 To 500, Add	0.35	
03 21 13 00-0009	LF #6, Grade 50, Beams And Girders, Galvanized Steel Reinforcement Bar.....	3.08	
	For Up To 100, Add	2.32	
	For >100 To 200, Add	1.23	
	For >200 To 500, Add	0.49	
03 21 13 00-0010	LF #3, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar.....	0.89	
	For Up To 100, Add	0.64	
	For >100 To 200, Add	0.34	
	For >200 To 500, Add	0.14	
03 21 13 00-0011	LF #4, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar.....	1.51	
	For Up To 100, Add	1.11	
	For >100 To 200, Add	0.59	
	For >200 To 500, Add	0.24	
03 21 13 00-0012	LF #5, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar.....	2.28	
	For Up To 100, Add	1.71	
	For >100 To 200, Add	0.90	
	For >200 To 500, Add	0.36	
03 21 13 00-0013	LF #6, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar.....	3.17	
	For Up To 100, Add	2.41	
	For >100 To 200, Add	1.27	
	For >200 To 500, Add	0.51	
03 21 13 00-0014	LF #7, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar.....	4.16	
	For Up To 100, Add	2.50	
	For >100 To 200, Add	1.43	
	For >200 To 400, Add	0.68	
03 21 13 00-0015	LF #8, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar.....	5.22	
	For Up To 100, Add	3.18	
	For >100 To 200, Add	1.81	
	For >200 To 400, Add	0.86	
03 21 13 00-0016	LF #9, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar.....	6.46	
	For Up To 100, Add	3.99	
	For >100 To 200, Add	2.26	
	For >200 To 400, Add	1.08	
03 21 13 00-0017	LF #10, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar.....	7.96	
	For Up To 100, Add	4.03	
	For >100 To 200, Add	2.14	
	For >200 To 300, Add	1.07	



	Concrete	03	
	Concrete Reinforcing	03 20	
	Reinforcement Bars	03 21	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 13 00-0018	LF	#11, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	.....	9.54	
		For Up To 100, Add	.....	4.89	
		For >100 To 200, Add	.....	2.58	
		For >200 To 300, Add	.....	1.29	
03 21 13 00-0019	LF	#14, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	.....	13.33	
		For Up To 100, Add	.....	6.92	
		For >100 To 200, Add	.....	3.64	
		For >200 To 300, Add	.....	1.82	
03 21 13 00-0020	LF	#18, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	.....	22.99	
		For Up To 100, Add	.....	12.08	
		For >100 To 200, Add	.....	6.33	
		For >200 To 300, Add	.....	3.16	
03 21 13 00-0021	LF	#6, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar	.....	3.26	
		For Up To 100, Add	.....	2.50	
		For >100 To 200, Add	.....	1.32	
		For >200 To 500, Add	.....	0.53	
03 21 13 00-0022	LF	#7, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar	.....	4.28	
		For Up To 100, Add	.....	2.59	
		For >100 To 200, Add	.....	1.48	
		For >200 To 400, Add	.....	0.70	
03 21 13 00-0023	LF	#8, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar	.....	5.38	
		For Up To 100, Add	.....	3.30	
		For >100 To 200, Add	.....	1.88	
		For >200 To 400, Add	.....	0.89	
03 21 13 00-0024	LF	#9, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar	.....	6.66	
		For Up To 100, Add	.....	4.14	
		For >100 To 200, Add	.....	2.34	
		For >200 To 400, Add	.....	1.12	
03 21 13 00-0025	LF	#10, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar	.....	8.21	
		For Up To 100, Add	.....	4.18	
		For >100 To 200, Add	.....	2.21	
		For >200 To 300, Add	.....	1.11	
03 21 13 00-0026	LF	#11, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar	.....	9.85	
		For Up To 100, Add	.....	5.07	
		For >100 To 200, Add	.....	2.68	
		For >200 To 300, Add	.....	1.34	
03 21 13 00-0027	LF	#14, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar	.....	13.77	
		For Up To 100, Add	.....	7.18	
		For >100 To 200, Add	.....	3.77	
		For >200 To 300, Add	.....	1.89	
03 21 13 00-0028	LF	#18, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar	.....	23.78	
		For Up To 100, Add	.....	12.56	
		For >100 To 200, Add	.....	6.56	
		For >200 To 300, Add	.....	3.28	
03 21 13 00-0029		Columns, Galvanized Steel Reinforcement Bar (03 21 13)			
		Note: ASTM A-767 Hot Dipped Galvanized Steel.			
03 21 13 00-0030	LF	#3, Grade 40, Columns, Galvanized Steel Reinforcement Bar	.....	0.88	
		For Up To 100, Add	.....	0.62	
		For >100 To 200, Add	.....	0.33	
		For >200 To 500, Add	.....	0.13	
03 21 13 00-0031	LF	#4, Grade 40, Columns, Galvanized Steel Reinforcement Bar	.....	1.51	
		For Up To 100, Add	.....	1.07	
		For >100 To 200, Add	.....	0.57	
		For >200 To 500, Add	.....	0.23	
03 21 13 00-0032	LF	#5, Grade 40, Columns, Galvanized Steel Reinforcement Bar	.....	2.26	
		For Up To 100, Add	.....	1.64	
		For >100 To 200, Add	.....	0.87	
		For >200 To 500, Add	.....	0.35	
03 21 13 00-0033	LF	#6, Grade 40, Columns, Galvanized Steel Reinforcement Bar	.....	3.15	
		For Up To 100, Add	.....	2.32	
		For >100 To 200, Add	.....	1.23	
		For >200 To 500, Add	.....	0.49	
03 21 13 00-0034	LF	#3, Grade 50, Columns, Galvanized Steel Reinforcement Bar	.....	0.90	
		For Up To 100, Add	.....	0.64	
		For >100 To 200, Add	.....	0.34	
		For >200 To 500, Add	.....	0.14	
03 21 13 00-0035	LF	#4, Grade 50, Columns, Galvanized Steel Reinforcement Bar	.....	1.54	
		For Up To 100, Add	.....	1.10	
		For >100 To 200, Add	.....	0.59	
		For >200 To 500, Add	.....	0.24	
03 21 13 00-0036	LF	#5, Grade 50, Columns, Galvanized Steel Reinforcement Bar	.....	2.30	
		For Up To 100, Add	.....	1.68	
		For >100 To 200, Add	.....	0.89	
		For >200 To 500, Add	.....	0.36	
03 21 13 00-0037	LF	#6, Grade 50, Columns, Galvanized Steel Reinforcement Bar	.....	3.21	
		For Up To 100, Add	.....	2.38	
		For >100 To 200, Add	.....	1.26	
		For >200 To 500, Add	.....	0.50	
03 21 13 00-0038	LF	#3, Grade 60, Columns, Galvanized Steel Reinforcement Bar	.....	0.92	
		For Up To 100, Add	.....	0.66	
		For >100 To 200, Add	.....	0.35	
		For >200 To 500, Add	.....	0.14	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 13 00-0039	LF	#4, Grade 60, Columns, Galvanized Steel Reinforcement Bar	.....	1.58	
		For Up To 100, Add	.....	1.14	
		For >100 To 200, Add	.....	0.61	
		For >200 To 500, Add	.....	0.24	
03 21 13 00-0040	LF	#5, Grade 60, Columns, Galvanized Steel Reinforcement Bar	.....	2.37	
		For Up To 100, Add	.....	1.75	
		For >100 To 200, Add	.....	0.93	
		For >200 To 500, Add	.....	0.37	
03 21 13 00-0041	LF	#6, Grade 60, Columns, Galvanized Steel Reinforcement Bar	.....	3.30	
		For Up To 100, Add	.....	2.47	
		For >100 To 200, Add	.....	1.30	
		For >200 To 500, Add	.....	0.52	
03 21 13 00-0042	LF	#7, Grade 60, Columns, Galvanized Steel Reinforcement Bar	.....	4.31	
		For Up To 100, Add	.....	2.55	
		For >100 To 200, Add	.....	1.47	
		For >200 To 400, Add	.....	0.69	
03 21 13 00-0043	LF	#8, Grade 60, Columns, Galvanized Steel Reinforcement Bar	.....	5.40	
		For Up To 100, Add	.....	3.25	
		For >100 To 200, Add	.....	1.86	
		For >200 To 400, Add	.....	0.88	
03 21 13 00-0044	LF	#9, Grade 60, Columns, Galvanized Steel Reinforcement Bar	.....	6.67	
		For Up To 100, Add	.....	4.06	
		For >100 To 200, Add	.....	2.32	
		For >200 To 400, Add	.....	1.10	
03 21 13 00-0045	LF	#10, Grade 60, Columns, Galvanized Steel Reinforcement Bar	.....	8.20	
		For Up To 100, Add	.....	4.10	
		For >100 To 200, Add	.....	2.19	
		For >200 To 300, Add	.....	1.09	
03 21 13 00-0046	LF	#11, Grade 60, Columns, Galvanized Steel Reinforcement Bar	.....	9.81	
		For Up To 100, Add	.....	4.97	
		For >100 To 200, Add	.....	2.64	
		For >200 To 300, Add	.....	1.32	
03 21 13 00-0047	LF	#14, Grade 60, Columns, Galvanized Steel Reinforcement Bar	.....	13.70	
		For Up To 100, Add	.....	7.03	
		For >100 To 200, Add	.....	3.71	
		For >200 To 300, Add	.....	1.86	
03 21 13 00-0048	LF	#18, Grade 60, Columns, Galvanized Steel Reinforcement Bar	.....	23.56	
		For Up To 100, Add	.....	12.25	
		For >100 To 200, Add	.....	6.44	
		For >200 To 300, Add	.....	3.22	
03 21 13 00-0049	LF	#6, Grade 75, Columns, Galvanized Steel Reinforcement Bar	.....	3.39	
		For Up To 100, Add	.....	2.56	
		For >100 To 200, Add	.....	1.35	
		For >200 To 500, Add	.....	0.54	
03 21 13 00-0050	LF	#7, Grade 75, Columns, Galvanized Steel Reinforcement Bar	.....	4.43	
		For Up To 100, Add	.....	2.64	
		For >100 To 200, Add	.....	1.52	
		For >200 To 400, Add	.....	0.72	
03 21 13 00-0051	LF	#8, Grade 75, Columns, Galvanized Steel Reinforcement Bar	.....	5.56	
		For Up To 100, Add	.....	3.37	
		For >100 To 200, Add	.....	1.92	
		For >200 To 400, Add	.....	0.91	
03 21 13 00-0052	LF	#9, Grade 75, Columns, Galvanized Steel Reinforcement Bar	.....	6.87	
		For Up To 100, Add	.....	4.21	
		For >100 To 200, Add	.....	2.40	
		For >200 To 400, Add	.....	1.14	
03 21 13 00-0053	LF	#10, Grade 75, Columns, Galvanized Steel Reinforcement Bar	.....	8.45	
		For Up To 100, Add	.....	4.25	
		For >100 To 200, Add	.....	2.26	
		For >200 To 300, Add	.....	1.13	
03 21 13 00-0054	LF	#11, Grade 75, Columns, Galvanized Steel Reinforcement Bar	.....	10.12	
		For Up To 100, Add	.....	5.15	
		For >100 To 200, Add	.....	2.73	
		For >200 To 300, Add	.....	1.37	
03 21 13 00-0055	LF	#14, Grade 75, Columns, Galvanized Steel Reinforcement Bar	.....	14.14	
		For Up To 100, Add	.....	7.29	
		For >100 To 200, Add	.....	3.84	
		For >200 To 300, Add	.....	1.92	
03 21 13 00-0056	LF	#18, Grade 75, Columns, Galvanized Steel Reinforcement Bar	.....	24.35	
		For Up To 100, Add	.....	12.73	
		For >100 To 200, Add	.....	6.68	
		For >200 To 300, Add	.....	3.34	
03 21 13 00-0057		Footings, Galvanized Steel Reinforcement Bar (03 21 13)			
		Note: ASTM A-767 Hot Dipped Galvanized Steel.			
03 21 13 00-0058	LF	#3, Grade 40, Footings, Galvanized Steel Reinforcement Bar	.....	0.78	
		For Up To 100, Add	.....	0.58	
		For >100 To 200, Add	.....	0.31	
		For >200 To 500, Add	.....	0.12	
03 21 13 00-0059	LF	#4, Grade 40, Footings, Galvanized Steel Reinforcement Bar	.....	1.34	
		For Up To 100, Add	.....	1.00	
		For >100 To 200, Add	.....	0.53	
		For >200 To 500, Add	.....	0.21	



	Concrete	03	
	Concrete Reinforcing	03 20	
	Reinforcement Bars	03 21	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 13 00-0060	LF	#5, Grade 40, Footings, Galvanized Steel Reinforcement Bar	.....	2.04	
		For Up To 100, Add	.....	1.55	
		For >100 To 200, Add	.....	0.62	
		For >200 To 500, Add	.....	0.33	
03 21 13 00-0061	LF	#6, Grade 40, Footings, Galvanized Steel Reinforcement Bar	.....	2.84	
		For Up To 100, Add	.....	2.19	
		For >100 To 200, Add	.....	1.15	
		For >200 To 500, Add	.....	0.46	
03 21 13 00-0062	LF	#3, Grade 50, Footings, Galvanized Steel Reinforcement Bar	.....	0.80	
		For Up To 100, Add	.....	0.60	
		For >100 To 200, Add	.....	0.32	
		For >200 To 500, Add	.....	0.13	
03 21 13 00-0063	LF	#4, Grade 50, Footings, Galvanized Steel Reinforcement Bar	.....	1.37	
		For Up To 100, Add	.....	1.03	
		For >100 To 200, Add	.....	0.55	
		For >200 To 500, Add	.....	0.22	
03 21 13 00-0064	LF	#5, Grade 50, Footings, Galvanized Steel Reinforcement Bar	.....	2.08	
		For Up To 100, Add	.....	1.59	
		For >100 To 200, Add	.....	0.84	
		For >200 To 500, Add	.....	0.33	
03 21 13 00-0065	LF	#6, Grade 50, Footings, Galvanized Steel Reinforcement Bar	.....	2.90	
		For Up To 100, Add	.....	2.25	
		For >100 To 200, Add	.....	1.18	
		For >200 To 500, Add	.....	0.47	
03 21 13 00-0066	LF	#3, Grade 60, Footings, Galvanized Steel Reinforcement Bar	.....	0.82	
		For Up To 100, Add	.....	0.62	
		For >100 To 200, Add	.....	0.33	
		For >200 To 500, Add	.....	0.13	
03 21 13 00-0067	LF	#4, Grade 60, Footings, Galvanized Steel Reinforcement Bar	.....	1.41	
		For Up To 100, Add	.....	1.07	
		For >100 To 200, Add	.....	0.57	
		For >200 To 500, Add	.....	0.23	
03 21 13 00-0068	LF	#5, Grade 60, Footings, Galvanized Steel Reinforcement Bar	.....	2.15	
		For Up To 100, Add	.....	1.66	
		For >100 To 200, Add	.....	0.87	
		For >200 To 500, Add	.....	0.35	
03 21 13 00-0069	LF	#6, Grade 60, Footings, Galvanized Steel Reinforcement Bar	.....	2.99	
		For Up To 100, Add	.....	2.34	
		For >100 To 200, Add	.....	1.23	
		For >200 To 500, Add	.....	0.49	
03 21 13 00-0070	LF	#7, Grade 60, Footings, Galvanized Steel Reinforcement Bar	.....	3.93	
		For Up To 100, Add	.....	2.42	
		For >100 To 200, Add	.....	1.37	
		For >200 To 400, Add	.....	0.65	
03 21 13 00-0071	LF	#8, Grade 60, Footings, Galvanized Steel Reinforcement Bar	.....	4.95	
		For Up To 100, Add	.....	3.09	
		For >100 To 200, Add	.....	1.75	
		For >200 To 400, Add	.....	0.83	
03 21 13 00-0072	LF	#9, Grade 60, Footings, Galvanized Steel Reinforcement Bar	.....	6.14	
		For Up To 100, Add	.....	3.88	
		For >100 To 200, Add	.....	2.18	
		For >200 To 400, Add	.....	1.05	
03 21 13 00-0073	LF	#10, Grade 60, Footings, Galvanized Steel Reinforcement Bar	.....	7.58	
		For Up To 100, Add	.....	3.92	
		For >100 To 200, Add	.....	2.06	
		For >200 To 300, Add	.....	1.03	
03 21 13 00-0074	LF	#11, Grade 60, Footings, Galvanized Steel Reinforcement Bar	.....	9.12	
		For Up To 100, Add	.....	4.76	
		For >100 To 200, Add	.....	2.50	
		For >200 To 300, Add	.....	1.25	
03 21 13 00-0075	LF	#14, Grade 60, Footings, Galvanized Steel Reinforcement Bar	.....	12.79	
		For Up To 100, Add	.....	6.75	
		For >100 To 200, Add	.....	3.53	
		For >200 To 300, Add	.....	1.77	
03 21 13 00-0076	LF	#18, Grade 60, Footings, Galvanized Steel Reinforcement Bar	.....	22.13	
		For Up To 100, Add	.....	11.62	
		For >100 To 200, Add	.....	6.15	
		For >200 To 300, Add	.....	3.08	
03 21 13 00-0077	LF	#6, Grade 75, Footings, Galvanized Steel Reinforcement Bar	.....	3.08	
		For Up To 100, Add	.....	2.43	
		For >100 To 200, Add	.....	1.27	
		For >200 To 500, Add	.....	0.51	
03 21 13 00-0078	LF	#7, Grade 75, Footings, Galvanized Steel Reinforcement Bar	.....	4.05	
		For Up To 100, Add	.....	2.51	
		For >100 To 200, Add	.....	1.42	
		For >200 To 400, Add	.....	0.68	
03 21 13 00-0079	LF	#8, Grade 75, Footings, Galvanized Steel Reinforcement Bar	.....	5.11	
		For Up To 100, Add	.....	3.21	
		For >100 To 200, Add	.....	1.81	
		For >200 To 400, Add	.....	0.87	
03 21 13 00-0080	LF	#9, Grade 75, Footings, Galvanized Steel Reinforcement Bar	.....	6.34	
		For Up To 100, Add	.....	4.03	
		For >100 To 200, Add	.....	2.26	
		For >200 To 400, Add	.....	1.09	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 13 00-0081	LF	#10, Grade 75, Footings, Galvanized Steel Reinforcement Bar	7.83	
		For Up To 100, Add	4.07	
		For >100 To 200, Add	2.14	
		For >200 To 300, Add	1.07	
03 21 13 00-0082	LF	#11, Grade 75, Footings, Galvanized Steel Reinforcement Bar	9.43	
		For Up To 100, Add	4.95	
		For >100 To 200, Add	2.59	
		For >200 To 300, Add	1.30	
03 21 13 00-0083	LF	#14, Grade 75, Footings, Galvanized Steel Reinforcement Bar	13.23	
		For Up To 100, Add	7.02	
		For >100 To 200, Add	3.66	
		For >200 To 300, Add	1.83	
03 21 13 00-0084	LF	#18, Grade 75, Footings, Galvanized Steel Reinforcement Bar	22.92	
		For Up To 100, Add	12.30	
		For >100 To 200, Add	6.39	
		For >200 To 300, Add	3.20	
03 21 13 00-0085		Slab On Grade, Galvanized Steel Reinforcement Bar (03 21 13) Note: ASTM A-767 Hot Dipped Galvanized Steel.		
03 21 13 00-0086	LF	#3, Grade 40, Slab On Grade, Galvanized Steel Reinforcement Bar	0.76	
		For Up To 100, Add	0.57	
		For >100 To 200, Add	0.30	
		For >200 To 500, Add	0.12	
03 21 13 00-0087	LF	#4, Grade 40, Slab On Grade, Galvanized Steel Reinforcement Bar	1.31	
		For Up To 100, Add	0.99	
		For >100 To 200, Add	0.52	
		For >200 To 500, Add	0.21	
03 21 13 00-0088	LF	#5, Grade 40, Slab On Grade, Galvanized Steel Reinforcement Bar	1.98	
		For Up To 100, Add	1.52	
		For >100 To 200, Add	0.80	
		For >200 To 500, Add	0.32	
03 21 13 00-0089	LF	#6, Grade 40, Slab On Grade, Galvanized Steel Reinforcement Bar	2.76	
		For Up To 100, Add	2.16	
		For >100 To 200, Add	1.13	
		For >200 To 500, Add	0.45	
03 21 13 00-0090	LF	#3, Grade 50, Slab On Grade, Galvanized Steel Reinforcement Bar	0.78	
		For Up To 100, Add	0.59	
		For >100 To 200, Add	0.31	
		For >200 To 500, Add	0.12	
03 21 13 00-0091	LF	#4, Grade 50, Slab On Grade, Galvanized Steel Reinforcement Bar	1.34	
		For Up To 100, Add	1.02	
		For >100 To 200, Add	0.54	
		For >200 To 500, Add	0.22	
03 21 13 00-0092	LF	#5, Grade 50, Slab On Grade, Galvanized Steel Reinforcement Bar	2.02	
		For Up To 100, Add	1.56	
		For >100 To 200, Add	0.82	
		For >200 To 500, Add	0.33	
03 21 13 00-0093	LF	#6, Grade 50, Slab On Grade, Galvanized Steel Reinforcement Bar	2.82	
		For Up To 100, Add	2.22	
		For >100 To 200, Add	1.16	
		For >200 To 500, Add	0.46	
03 21 13 00-0094	LF	#3, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	0.80	
		For Up To 100, Add	0.61	
		For >100 To 200, Add	0.32	
		For >200 To 500, Add	0.13	
03 21 13 00-0095	LF	#4, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	1.38	
		For Up To 100, Add	1.06	
		For >100 To 200, Add	0.56	
		For >200 To 500, Add	0.22	
03 21 13 00-0096	LF	#5, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	2.09	
		For Up To 100, Add	1.63	
		For >100 To 200, Add	0.86	
		For >200 To 500, Add	0.34	
03 21 13 00-0097	LF	#6, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	2.91	
		For Up To 100, Add	2.31	
		For >100 To 200, Add	1.21	
		For >200 To 500, Add	0.48	
03 21 13 00-0098	LF	#7, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	3.85	
		For Up To 100, Add	2.39	
		For >100 To 200, Add	1.35	
		For >200 To 400, Add	0.65	
03 21 13 00-0099	LF	#8, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	4.85	
		For Up To 100, Add	3.05	
		For >100 To 200, Add	1.72	
		For >200 To 400, Add	0.82	
03 21 13 00-0100	LF	#9, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	6.03	
		For Up To 100, Add	3.84	
		For >100 To 200, Add	2.16	
		For >200 To 400, Add	1.04	
03 21 13 00-0101	LF	#10, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	7.45	
		For Up To 100, Add	3.88	
		For >100 To 200, Add	2.04	
		For >200 To 300, Add	1.02	



	Concrete	03	
	Concrete Reinforcing	03 20	
	Reinforcement Bars	03 21	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 13 00-0102	LF	#11, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	8.99		
		For Up To 100, Add	4.72		
		For >100 To 200, Add	2.47		
		For >200 To 300, Add	1.24		
03 21 13 00-0103	LF	#14, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	12.60		
		For Up To 100, Add	6.70		
		For >100 To 200, Add	3.49		
		For >200 To 300, Add	1.75		
03 21 13 00-0104	LF	#18, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	21.85		
		For Up To 100, Add	11.74		
		For >100 To 200, Add	6.10		
		For >200 To 300, Add	3.05		
03 21 13 00-0105	LF	#6, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	3.00		
		For Up To 100, Add	2.40		
		For >100 To 200, Add	1.25		
		For >200 To 500, Add	0.50		
03 21 13 00-0106	LF	#7, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	3.97		
		For Up To 100, Add	2.48		
		For >100 To 200, Add	1.40		
		For >200 To 400, Add	0.67		
03 21 13 00-0107	LF	#8, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	5.01		
		For Up To 100, Add	3.17		
		For >100 To 200, Add	1.79		
		For >200 To 400, Add	0.86		
03 21 13 00-0108	LF	#9, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	6.23		
		For Up To 100, Add	3.99		
		For >100 To 200, Add	2.24		
		For >200 To 400, Add	1.08		
03 21 13 00-0109	LF	#10, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	7.70		
		For Up To 100, Add	4.03		
		For >100 To 200, Add	2.11		
		For >200 To 300, Add	1.06		
03 21 13 00-0110	LF	#11, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	9.30		
		For Up To 100, Add	4.91		
		For >100 To 200, Add	2.57		
		For >200 To 300, Add	1.28		
03 21 13 00-0111	LF	#14, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	13.04		
		For Up To 100, Add	6.96		
		For >100 To 200, Add	3.62		
		For >200 To 300, Add	1.81		
03 21 13 00-0112	LF	#18, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	22.64		
		For Up To 100, Add	12.21		
		For >100 To 200, Add	6.34		
		For >200 To 300, Add	3.17		
03 21 13 00-0113		Elevated Slabs, Galvanized Steel Reinforcement Bar (03 21 13)			
		Note: ASTM A-767 Hot Dipped Galvanized Steel.			
03 21 13 00-0114	LF	#3, Grade 40, Elevated Slabs, Galvanized Steel Reinforcement Bar	0.72		
		For Up To 100, Add	0.55		
		For >100 To 200, Add	0.29		
		For >200 To 500, Add	0.12		
03 21 13 00-0115	LF	#4, Grade 40, Elevated Slabs, Galvanized Steel Reinforcement Bar	1.24		
		For Up To 100, Add	0.96		
		For >100 To 200, Add	0.51		
		For >200 To 500, Add	0.20		
03 21 13 00-0116	LF	#5, Grade 40, Elevated Slabs, Galvanized Steel Reinforcement Bar	1.89		
		For Up To 100, Add	1.49		
		For >100 To 200, Add	0.78		
		For >200 To 500, Add	0.31		
03 21 13 00-0117	LF	#6, Grade 40, Elevated Slabs, Galvanized Steel Reinforcement Bar	2.64		
		For Up To 100, Add	2.11		
		For >100 To 200, Add	1.10		
		For >200 To 500, Add	0.44		
03 21 13 00-0118	LF	#3, Grade 50, Elevated Slabs, Galvanized Steel Reinforcement Bar	0.74		
		For Up To 100, Add	0.57		
		For >100 To 200, Add	0.30		
		For >200 To 500, Add	0.12		
03 21 13 00-0119	LF	#4, Grade 50, Elevated Slabs, Galvanized Steel Reinforcement Bar	1.27		
		For Up To 100, Add	0.99		
		For >100 To 200, Add	0.52		
		For >200 To 500, Add	0.21		
03 21 13 00-0120	LF	#5, Grade 50, Elevated Slabs, Galvanized Steel Reinforcement Bar	1.93		
		For Up To 100, Add	1.53		
		For >100 To 200, Add	0.80		
		For >200 To 500, Add	0.32		
03 21 13 00-0121	LF	#6, Grade 50, Elevated Slabs, Galvanized Steel Reinforcement Bar	2.70		
		For Up To 100, Add	2.17		
		For >100 To 200, Add	1.13		
		For >200 To 500, Add	0.45		
03 21 13 00-0122	LF	#3, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	0.76		
		For Up To 100, Add	0.59		
		For >100 To 200, Add	0.31		
		For >200 To 500, Add	0.12		



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

03 21 13 00-0123	LF #4, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	1.31	
	For Up To 100, Add	1.03	
	For >100 To 200, Add	0.54	
	For >200 To 500, Add	0.22	
03 21 13 00-0124	LF #5, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	2.00	
	For Up To 100, Add	1.60	
	For >100 To 200, Add	0.83	
	For >200 To 500, Add	0.33	
03 21 13 00-0125	LF #6, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	2.79	
	For Up To 100, Add	2.26	
	For >100 To 200, Add	1.18	
	For >200 To 500, Add	0.47	
03 21 13 00-0126	LF #7, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	3.70	
	For Up To 100, Add	2.34	
	For >100 To 200, Add	1.32	
	For >200 To 400, Add	0.63	
03 21 13 00-0127	LF #8, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	4.66	
	For Up To 100, Add	2.99	
	For >100 To 200, Add	1.67	
	For >200 To 400, Add	0.81	
03 21 13 00-0128	LF #9, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	5.82	
	For Up To 100, Add	3.77	
	For >100 To 200, Add	2.10	
	For >200 To 400, Add	1.01	
03 21 13 00-0129	LF #10, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	7.21	
	For Up To 100, Add	3.80	
	For >100 To 200, Add	1.99	
	For >200 To 300, Add	0.99	
03 21 13 00-0130	LF #11, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	8.70	
	For Up To 100, Add	4.64	
	For >100 To 200, Add	2.42	
	For >200 To 300, Add	1.21	
03 21 13 00-0131	LF #14, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	12.25	
	For Up To 100, Add	6.59	
	For >100 To 200, Add	3.42	
	For >200 To 300, Add	1.71	
03 21 13 00-0132	LF #18, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	21.28	
	For Up To 100, Add	11.57	
	For >100 To 200, Add	5.98	
	For >200 To 300, Add	2.99	
03 21 13 00-0133	LF #6, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	2.88	
	For Up To 100, Add	2.35	
	For >100 To 200, Add	1.22	
	For >200 To 500, Add	0.49	
03 21 13 00-0134	LF #7, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	3.82	
	For Up To 100, Add	2.43	
	For >100 To 200, Add	1.36	
	For >200 To 400, Add	0.65	
03 21 13 00-0135	LF #8, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	4.82	
	For Up To 100, Add	3.11	
	For >100 To 200, Add	1.74	
	For >200 To 400, Add	0.84	
03 21 13 00-0136	LF #9, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	6.02	
	For Up To 100, Add	3.92	
	For >100 To 200, Add	2.18	
	For >200 To 400, Add	1.05	
03 21 13 00-0137	LF #10, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	7.46	
	For Up To 100, Add	3.95	
	For >100 To 200, Add	2.06	
	For >200 To 300, Add	1.03	
03 21 13 00-0138	LF #11, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	9.01	
	For Up To 100, Add	4.82	
	For >100 To 200, Add	2.51	
	For >200 To 300, Add	1.25	
03 21 13 00-0139	LF #14, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	12.69	
	For Up To 100, Add	6.86	
	For >100 To 200, Add	3.55	
	For >200 To 300, Add	1.78	
03 21 13 00-0140	LF #18, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	22.07	
	For Up To 100, Add	12.04	
	For >100 To 200, Add	6.22	
	For >200 To 300, Add	3.11	
03 21 13 00-0141	Walls, Galvanized Steel Reinforcement Bar (03 21 13)		
	Note: ASTM A-767 Hot Dipped Galvanized Steel.		
03 21 13 00-0142	LF #3, Grade 40, Walls, Galvanized Steel Reinforcement Bar	0.70	
	For Up To 100, Add	0.54	
	For >100 To 200, Add	0.29	
	For >200 To 500, Add	0.11	
03 21 13 00-0143	LF #4, Grade 40, Walls, Galvanized Steel Reinforcement Bar	1.21	
	For Up To 100, Add	0.95	
	For >100 To 200, Add	0.50	
	For >200 To 500, Add	0.20	



		Concrete	03	CS
		Concrete Reinforcing	03 20	
		Reinforcement Bars	03 21	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 13 00-0144	LF	#5, Grade 40, Walls, Galvanized Steel Reinforcement Bar	.....	1.84	
		For Up To 100, Add	.....	1.47	
		For >100 To 200, Add	.....	0.77	
		For >200 To 500, Add	.....	0.31	
03 21 13 00-0145	LF	#6, Grade 40, Walls, Galvanized Steel Reinforcement Bar	.....	2.58	
		For Up To 100, Add	.....	2.09	
		For >100 To 200, Add	.....	1.09	
		For >200 To 500, Add	.....	0.43	
03 21 13 00-0146	LF	#3, Grade 50, Walls, Galvanized Steel Reinforcement Bar	.....	0.72	
		For Up To 100, Add	.....	0.56	
		For >100 To 200, Add	.....	0.30	
		For >200 To 500, Add	.....	0.12	
03 21 13 00-0147	LF	#4, Grade 50, Walls, Galvanized Steel Reinforcement Bar	.....	1.24	
		For Up To 100, Add	.....	0.98	
		For >100 To 200, Add	.....	0.51	
		For >200 To 500, Add	.....	0.21	
03 21 13 00-0148	LF	#5, Grade 50, Walls, Galvanized Steel Reinforcement Bar	.....	1.88	
		For Up To 100, Add	.....	1.51	
		For >100 To 200, Add	.....	0.79	
		For >200 To 500, Add	.....	0.31	
03 21 13 00-0149	LF	#6, Grade 50, Walls, Galvanized Steel Reinforcement Bar	.....	2.64	
		For Up To 100, Add	.....	2.15	
		For >100 To 200, Add	.....	1.12	
		For >200 To 500, Add	.....	0.45	
03 21 13 00-0150	LF	#3, Grade 60, Walls, Galvanized Steel Reinforcement Bar	.....	0.74	
		For Up To 100, Add	.....	0.58	
		For >100 To 200, Add	.....	0.31	
		For >200 To 500, Add	.....	0.12	
03 21 13 00-0151	LF	#4, Grade 60, Walls, Galvanized Steel Reinforcement Bar	.....	1.28	
		For Up To 100, Add	.....	1.02	
		For >100 To 200, Add	.....	0.53	
		For >200 To 500, Add	.....	0.21	
03 21 13 00-0152	LF	#5, Grade 60, Walls, Galvanized Steel Reinforcement Bar	.....	1.95	
		For Up To 100, Add	.....	1.58	
		For >100 To 200, Add	.....	0.82	
		For >200 To 500, Add	.....	0.33	
03 21 13 00-0153	LF	#6, Grade 60, Walls, Galvanized Steel Reinforcement Bar	.....	2.73	
		For Up To 100, Add	.....	2.24	
		For >100 To 200, Add	.....	1.16	
		For >200 To 500, Add	.....	0.46	
03 21 13 00-0154	LF	#7, Grade 60, Walls, Galvanized Steel Reinforcement Bar	.....	3.60	
		For Up To 100, Add	.....	2.30	
		For >100 To 200, Add	.....	1.29	
		For >200 To 400, Add	.....	0.62	
03 21 13 00-0155	LF	#8, Grade 60, Walls, Galvanized Steel Reinforcement Bar	.....	4.58	
		For Up To 100, Add	.....	2.96	
		For >100 To 200, Add	.....	1.65	
		For >200 To 400, Add	.....	0.80	
03 21 13 00-0156	LF	#9, Grade 60, Walls, Galvanized Steel Reinforcement Bar	.....	5.72	
		For Up To 100, Add	.....	3.73	
		For >100 To 200, Add	.....	2.08	
		For >200 To 400, Add	.....	1.00	
03 21 13 00-0157	LF	#10, Grade 60, Walls, Galvanized Steel Reinforcement Bar	.....	7.09	
		For Up To 100, Add	.....	3.77	
		For >100 To 200, Add	.....	1.97	
		For >200 To 300, Add	.....	0.98	
03 21 13 00-0158	LF	#11, Grade 60, Walls, Galvanized Steel Reinforcement Bar	.....	8.57	
		For Up To 100, Add	.....	4.60	
		For >100 To 200, Add	.....	2.39	
		For >200 To 300, Add	.....	1.19	
03 21 13 00-0159	LF	#14, Grade 60, Walls, Galvanized Steel Reinforcement Bar	.....	12.07	
		For Up To 100, Add	.....	6.54	
		For >100 To 200, Add	.....	3.39	
		For >200 To 300, Add	.....	1.69	
03 21 13 00-0160	LF	#18, Grade 60, Walls, Galvanized Steel Reinforcement Bar	.....	21.00	
		For Up To 100, Add	.....	11.48	
		For >100 To 200, Add	.....	5.93	
		For >200 To 300, Add	.....	2.96	
03 21 13 00-0161	LF	#6, Grade 75, Walls, Galvanized Steel Reinforcement Bar	.....	2.82	
		For Up To 100, Add	.....	2.33	
		For >100 To 200, Add	.....	1.21	
		For >200 To 500, Add	.....	0.48	
03 21 13 00-0162	LF	#7, Grade 75, Walls, Galvanized Steel Reinforcement Bar	.....	3.72	
		For Up To 100, Add	.....	2.39	
		For >100 To 200, Add	.....	1.34	
		For >200 To 400, Add	.....	0.64	
03 21 13 00-0163	LF	#8, Grade 75, Walls, Galvanized Steel Reinforcement Bar	.....	4.74	
		For Up To 100, Add	.....	3.08	
		For >100 To 200, Add	.....	1.72	
		For >200 To 400, Add	.....	0.83	
03 21 13 00-0164	LF	#9, Grade 75, Walls, Galvanized Steel Reinforcement Bar	.....	5.92	
		For Up To 100, Add	.....	3.88	
		For >100 To 200, Add	.....	2.16	
		For >200 To 400, Add	.....	1.04	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 13 00-0165	LF		#10, Grade 75, Walls, Galvanized Steel Reinforcement Bar	7.34	
			For Up To 100, Add	3.92	
			For >100 To 200, Add	2.04	
			For >200 To 300, Add	1.02	
03 21 13 00-0166	LF		#11, Grade 75, Walls, Galvanized Steel Reinforcement Bar	8.88	
			For Up To 100, Add	4.78	
			For >100 To 200, Add	2.48	
			For >200 To 300, Add	1.24	
03 21 13 00-0167	LF		#14, Grade 75, Walls, Galvanized Steel Reinforcement Bar	12.51	
			For Up To 100, Add	6.80	
			For >100 To 200, Add	3.52	
			For >200 To 300, Add	1.76	
03 21 13 00-0168	LF		#18, Grade 75, Walls, Galvanized Steel Reinforcement Bar	21.79	
			For Up To 100, Add	11.96	
			For >100 To 200, Add	6.17	
			For >200 To 300, Add	3.08	

03 21 16 Epoxy-Coated Reinforcement Steel Bars (03 21)

03 21 16 00-0001	Beams And Girders, Epoxy Coated Steel Reinforcement Bar (03 21 16)				
	Note: ASTM A-775 Epoxy Coated Steel.				
03 21 16 00-0002	LF		#3, Grade 40, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	0.83	
			For Up To 100, Add	0.58	
			For >100 To 200, Add	0.31	
			For >200 To 500, Add	0.13	
03 21 16 00-0003	LF		#4, Grade 40, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	1.41	
			For Up To 100, Add	1.01	
			For >100 To 200, Add	0.54	
			For >200 To 500, Add	0.22	
03 21 16 00-0004	LF		#5, Grade 40, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	2.13	
			For Up To 100, Add	1.56	
			For >100 To 200, Add	0.83	
			For >200 To 500, Add	0.33	
03 21 16 00-0005	LF		#6, Grade 40, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	2.96	
			For Up To 100, Add	2.20	
			For >100 To 200, Add	1.17	
			For >200 To 500, Add	0.47	
03 21 16 00-0006	LF		#3, Grade 50, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	0.85	
			For Up To 100, Add	0.60	
			For >100 To 200, Add	0.32	
			For >200 To 500, Add	0.13	
03 21 16 00-0007	LF		#4, Grade 50, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	1.44	
			For Up To 100, Add	1.04	
			For >100 To 200, Add	0.56	
			For >200 To 500, Add	0.22	
03 21 16 00-0008	LF		#5, Grade 50, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	2.17	
			For Up To 100, Add	1.60	
			For >100 To 200, Add	0.85	
			For >200 To 500, Add	0.34	
03 21 16 00-0009	LF		#6, Grade 50, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	3.02	
			For Up To 100, Add	2.26	
			For >100 To 200, Add	1.20	
			For >200 To 500, Add	0.48	
03 21 16 00-0010	LF		#3, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	0.87	
			For Up To 100, Add	0.62	
			For >100 To 200, Add	0.33	
			For >200 To 500, Add	0.13	
03 21 16 00-0011	LF		#4, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	1.48	
			For Up To 100, Add	1.08	
			For >100 To 200, Add	0.58	
			For >200 To 500, Add	0.23	
03 21 16 00-0012	LF		#5, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	2.23	
			For Up To 100, Add	1.66	
			For >100 To 200, Add	0.88	
			For >200 To 500, Add	0.35	
03 21 16 00-0013	LF		#6, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	3.10	
			For Up To 100, Add	2.34	
			For >100 To 200, Add	1.24	
			For >200 To 500, Add	0.49	
03 21 16 00-0014	LF		#7, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	4.07	
			For Up To 100, Add	2.43	
			For >100 To 200, Add	1.39	
			For >200 To 400, Add	0.66	
03 21 16 00-0015	LF		#8, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	5.11	
			For Up To 100, Add	3.10	
			For >100 To 200, Add	1.77	
			For >200 To 400, Add	0.84	
03 21 16 00-0016	LF		#9, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	6.31	
			For Up To 100, Add	3.88	
			For >100 To 200, Add	2.20	
			For >200 To 400, Add	1.05	
03 21 16 00-0017	LF		#10, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	7.77	
			For Up To 100, Add	3.92	
			For >100 To 200, Add	2.08	
			For >200 To 300, Add	1.04	



		Concrete	03	CS
		Concrete Reinforcing	03 20	
		Reinforcement Bars	03 21	

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST		UNIT COST
03 21 16 00-0018	LF #11, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	9.31		
	For Up To 100, Add	4.75		
	For >100 To 200, Add	2.51		
	For >200 To 300, Add	1.26		
03 21 16 00-0019	LF #14, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	13.00		
	For Up To 100, Add	6.72		
	For >100 To 200, Add	3.54		
	For >200 To 300, Add	1.77		
03 21 16 00-0020	LF #18, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	22.40		
	For Up To 100, Add	11.73		
	For >100 To 200, Add	6.15		
	For >200 To 300, Add	3.07		
03 21 16 00-0021	LF #6, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	3.19		
	For Up To 100, Add	2.43		
	For >100 To 200, Add	1.28		
	For >200 To 500, Add	0.51		
03 21 16 00-0022	LF #7, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	4.19		
	For Up To 100, Add	2.52		
	For >100 To 200, Add	1.44		
	For >200 To 400, Add	0.68		
03 21 16 00-0023	LF #8, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	5.26		
	For Up To 100, Add	3.21		
	For >100 To 200, Add	1.83		
	For >200 To 400, Add	0.87		
03 21 16 00-0024	LF #9, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	6.51		
	For Up To 100, Add	4.03		
	For >100 To 200, Add	2.28		
	For >200 To 400, Add	1.09		
03 21 16 00-0025	LF #10, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	8.02		
	For Up To 100, Add	4.07		
	For >100 To 200, Add	2.16		
	For >200 To 300, Add	1.08		
03 21 16 00-0026	LF #11, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	9.62		
	For Up To 100, Add	4.94		
	For >100 To 200, Add	2.61		
	For >200 To 300, Add	1.30		
03 21 16 00-0027	LF #14, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	13.44		
	For Up To 100, Add	6.98		
	For >100 To 200, Add	3.67		
	For >200 To 300, Add	1.84		
03 21 16 00-0028	LF #18, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	23.19		
	For Up To 100, Add	12.20		
	For >100 To 200, Add	6.39		
	For >200 To 300, Add	3.19		
03 21 16 00-0029	Columns, Epoxy Coated Steel Reinforcement Bar (03 21 16)			
	Note: ASTM A-775 Epoxy Coated Steel.			
03 21 16 00-0030	LF #3, Grade 40, Columns, Epoxy Coated Steel Reinforcement Bar	0.86		
	For Up To 100, Add	0.60		
	For >100 To 200, Add	0.32		
	For >200 To 500, Add	0.13		
03 21 16 00-0031	LF #4, Grade 40, Columns, Epoxy Coated Steel Reinforcement Bar	1.48		
	For Up To 100, Add	1.04		
	For >100 To 200, Add	0.56		
	For >200 To 500, Add	0.22		
03 21 16 00-0032	LF #5, Grade 40, Columns, Epoxy Coated Steel Reinforcement Bar	2.22		
	For Up To 100, Add	1.60		
	For >100 To 200, Add	0.85		
	For >200 To 500, Add	0.34		
03 21 16 00-0033	LF #6, Grade 40, Columns, Epoxy Coated Steel Reinforcement Bar	3.09		
	For Up To 100, Add	2.26		
	For >100 To 200, Add	1.20		
	For >200 To 500, Add	0.48		
03 21 16 00-0034	LF #3, Grade 50, Columns, Epoxy Coated Steel Reinforcement Bar	0.88		
	For Up To 100, Add	0.62		
	For >100 To 200, Add	0.33		
	For >200 To 500, Add	0.13		
03 21 16 00-0035	LF #4, Grade 50, Columns, Epoxy Coated Steel Reinforcement Bar	1.51		
	For Up To 100, Add	1.07		
	For >100 To 200, Add	0.57		
	For >200 To 500, Add	0.23		
03 21 16 00-0036	LF #5, Grade 50, Columns, Epoxy Coated Steel Reinforcement Bar	2.26		
	For Up To 100, Add	1.64		
	For >100 To 200, Add	0.87		
	For >200 To 500, Add	0.35		
03 21 16 00-0037	LF #6, Grade 50, Columns, Epoxy Coated Steel Reinforcement Bar	3.15		
	For Up To 100, Add	2.32		
	For >100 To 200, Add	1.23		
	For >200 To 500, Add	0.49		
03 21 16 00-0038	LF #3, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	0.90		
	For Up To 100, Add	0.64		
	For >100 To 200, Add	0.34		
	For >200 To 500, Add	0.14		



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 16 00-0039	LF	#4, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	.....	1.55	
		For Up To 100, Add	.....	1.11	
		For >100 To 200, Add	.....	0.59	
		For >200 To 500, Add	.....	0.24	
03 21 16 00-0040	LF	#5, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	.....	2.32	
		For Up To 100, Add	.....	1.70	
		For >100 To 200, Add	.....	0.90	
		For >200 To 500, Add	.....	0.36	
03 21 16 00-0041	LF	#6, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	.....	3.23	
		For Up To 100, Add	.....	2.40	
		For >100 To 200, Add	.....	1.27	
		For >200 To 500, Add	.....	0.51	
03 21 16 00-0042	LF	#7, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	.....	4.22	
		For Up To 100, Add	.....	2.48	
		For >100 To 200, Add	.....	1.43	
		For >200 To 400, Add	.....	0.67	
03 21 16 00-0043	LF	#8, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	.....	5.29	
		For Up To 100, Add	.....	3.16	
		For >100 To 200, Add	.....	1.81	
		For >200 To 400, Add	.....	0.86	
03 21 16 00-0044	LF	#9, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	.....	6.52	
		For Up To 100, Add	.....	3.95	
		For >100 To 200, Add	.....	2.26	
		For >200 To 400, Add	.....	1.07	
03 21 16 00-0045	LF	#10, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	.....	8.01	
		For Up To 100, Add	.....	3.99	
		For >100 To 200, Add	.....	2.13	
		For >200 To 300, Add	.....	1.07	
03 21 16 00-0046	LF	#11, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	.....	9.58	
		For Up To 100, Add	.....	4.83	
		For >100 To 200, Add	.....	2.57	
		For >200 To 300, Add	.....	1.28	
03 21 16 00-0047	LF	#14, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	.....	13.37	
		For Up To 100, Add	.....	6.83	
		For >100 To 200, Add	.....	3.61	
		For >200 To 300, Add	.....	1.81	
03 21 16 00-0048	LF	#18, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	.....	22.97	
		For Up To 100, Add	.....	11.90	
		For >100 To 200, Add	.....	6.26	
		For >200 To 300, Add	.....	3.13	
03 21 16 00-0049	LF	#6, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar	.....	3.32	
		For Up To 100, Add	.....	2.49	
		For >100 To 200, Add	.....	1.31	
		For >200 To 500, Add	.....	0.53	
03 21 16 00-0050	LF	#7, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar	.....	4.34	
		For Up To 100, Add	.....	2.57	
		For >100 To 200, Add	.....	1.48	
		For >200 To 400, Add	.....	0.70	
03 21 16 00-0051	LF	#8, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar	.....	5.44	
		For Up To 100, Add	.....	3.28	
		For >100 To 200, Add	.....	1.87	
		For >200 To 400, Add	.....	0.89	
03 21 16 00-0052	LF	#9, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar	.....	6.72	
		For Up To 100, Add	.....	4.10	
		For >100 To 200, Add	.....	2.34	
		For >200 To 400, Add	.....	1.11	
03 21 16 00-0053	LF	#10, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar	.....	8.26	
		For Up To 100, Add	.....	4.14	
		For >100 To 200, Add	.....	2.21	
		For >200 To 300, Add	.....	1.10	
03 21 16 00-0054	LF	#11, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar	.....	9.89	
		For Up To 100, Add	.....	5.02	
		For >100 To 200, Add	.....	2.66	
		For >200 To 300, Add	.....	1.33	
03 21 16 00-0055	LF	#14, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar	.....	13.81	
		For Up To 100, Add	.....	7.09	
		For >100 To 200, Add	.....	3.75	
		For >200 To 300, Add	.....	1.87	
03 21 16 00-0056	LF	#18, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar	.....	23.76	
		For Up To 100, Add	.....	12.37	
		For >100 To 200, Add	.....	6.50	
		For >200 To 300, Add	.....	3.25	
03 21 16 00-0057		Footings, Epoxy Coated Steel Reinforcement Bar (03 21 16)			
		Note: ASTM A-775 Epoxy Coated Steel.			
03 21 16 00-0058	LF	#3, Grade 40, Footings, Epoxy Coated Steel Reinforcement Bar	.....	0.76	
		For Up To 100, Add	.....	0.56	
		For >100 To 200, Add	.....	0.30	
		For >200 To 500, Add	.....	0.12	
03 21 16 00-0059	LF	#4, Grade 40, Footings, Epoxy Coated Steel Reinforcement Bar	.....	1.31	
		For Up To 100, Add	.....	0.97	
		For >100 To 200, Add	.....	0.52	
		For >200 To 500, Add	.....	0.21	



	Concrete	03	
	Concrete Reinforcing	03 20	
	Reinforcement Bars	03 21	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 16 00-0060	LF	#5, Grade 40, Footings, Epoxy Coated Steel Reinforcement Bar	2.00		
		For Up To 100, Add	1.51		
		For >100 To 200, Add	0.60		
		For >200 To 500, Add	0.32		
03 21 16 00-0061	LF	#6, Grade 40, Footings, Epoxy Coated Steel Reinforcement Bar	2.78		
		For Up To 100, Add	2.13		
		For >100 To 200, Add	1.12		
		For >200 To 500, Add	0.45		
03 21 16 00-0062	LF	#3, Grade 50, Footings, Epoxy Coated Steel Reinforcement Bar	0.78		
		For Up To 100, Add	0.58		
		For >100 To 200, Add	0.31		
		For >200 To 500, Add	0.12		
03 21 16 00-0063	LF	#4, Grade 50, Footings, Epoxy Coated Steel Reinforcement Bar	1.34		
03 21 16 00-0064	LF	#5, Grade 50, Footings, Epoxy Coated Steel Reinforcement Bar	2.04		
		For Up To 100, Add	1.55		
		For >100 To 200, Add	0.82		
		For >200 To 500, Add	0.33		
03 21 16 00-0065	LF	#6, Grade 50, Footings, Epoxy Coated Steel Reinforcement Bar	2.84		
		For Up To 100, Add	2.19		
		For >100 To 200, Add	1.15		
		For >200 To 500, Add	0.46		
03 21 16 00-0066	LF	#3, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	0.80		
		For Up To 100, Add	0.60		
		For >100 To 200, Add	0.32		
		For >200 To 500, Add	0.13		
03 21 16 00-0067	LF	#4, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	1.38		
		For Up To 100, Add	1.04		
		For >100 To 200, Add	0.55		
		For >200 To 500, Add	0.22		
03 21 16 00-0068	LF	#5, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	2.10		
		For Up To 100, Add	1.61		
		For >100 To 200, Add	0.85		
		For >200 To 500, Add	0.34		
03 21 16 00-0069	LF	#6, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	2.92		
		For Up To 100, Add	2.27		
		For >100 To 200, Add	1.19		
		For >200 To 500, Add	0.48		
03 21 16 00-0070	LF	#7, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	3.84		
		For Up To 100, Add	2.35		
		For >100 To 200, Add	1.34		
		For >200 To 400, Add	0.64		
03 21 16 00-0071	LF	#8, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	4.84		
		For Up To 100, Add	3.01		
		For >100 To 200, Add	1.70		
		For >200 To 400, Add	0.81		
03 21 16 00-0072	LF	#9, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	5.99		
		For Up To 100, Add	3.76		
		For >100 To 200, Add	2.12		
		For >200 To 400, Add	1.02		
03 21 16 00-0073	LF	#10, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	7.39		
		For Up To 100, Add	3.80		
		For >100 To 200, Add	2.01		
		For >200 To 300, Add	1.00		
03 21 16 00-0074	LF	#11, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	8.89		
		For Up To 100, Add	4.62		
		For >100 To 200, Add	2.43		
		For >200 To 300, Add	1.22		
03 21 16 00-0075	LF	#14, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	12.46		
		For Up To 100, Add	6.56		
		For >100 To 200, Add	3.43		
		For >200 To 300, Add	1.72		
03 21 16 00-0076	LF	#18, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	21.54		
		For Up To 100, Add	11.47		
		For >100 To 200, Add	5.98		
		For >200 To 300, Add	2.99		
03 21 16 00-0077	LF	#6, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar	3.01		
		For Up To 100, Add	2.36		
		For >100 To 200, Add	1.24		
		For >200 To 500, Add	0.49		
03 21 16 00-0078	LF	#7, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar	3.96		
		For Up To 100, Add	2.44		
		For >100 To 200, Add	1.38		
		For >200 To 400, Add	0.66		
03 21 16 00-0079	LF	#8, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar	4.99		
		For Up To 100, Add	3.12		
		For >100 To 200, Add	1.76		
		For >200 To 400, Add	0.84		
03 21 16 00-0080	LF	#9, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar	6.19		
		For Up To 100, Add	3.91		
		For >100 To 200, Add	2.20		
		For >200 To 400, Add	1.06		
03 21 16 00-0081	LF	#10, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar	7.64		
		For Up To 100, Add	3.95		
		For >100 To 200, Add	2.08		
		For >200 To 300, Add	1.04		



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 16 00-0082	LF	#11, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar.....	9.20	
		For Up To 100, Add	4.81	
		For >100 To 200, Add	2.52	
		For >200 To 300, Add	1.26	
03 21 16 00-0083	LF	#14, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar.....	12.90	
		For Up To 100, Add	6.82	
		For >100 To 200, Add	3.56	
		For >200 To 300, Add	1.78	
03 21 16 00-0084	LF	#18, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar.....	22.33	
		For Up To 100, Add	11.94	
		For >100 To 200, Add	6.21	
		For >200 To 300, Add	3.11	
03 21 16 00-0085		Slab On Grade, Epoxy Coated Steel Reinforcement Bar (03 21 16) Note: ASTM A-775 Epoxy Coated Steel.		
03 21 16 00-0086	LF	#3, Grade 40, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	0.74	
		For Up To 100, Add	0.55	
		For >100 To 200, Add	0.29	
		For >200 To 500, Add	0.12	
03 21 16 00-0087	LF	#4, Grade 40, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	1.28	
		For Up To 100, Add	0.96	
		For >100 To 200, Add	0.51	
		For >200 To 500, Add	0.20	
03 21 16 00-0088	LF	#5, Grade 40, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	1.94	
		For Up To 100, Add	1.48	
		For >100 To 200, Add	0.78	
		For >200 To 500, Add	0.31	
03 21 16 00-0089	LF	#6, Grade 40, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	2.70	
		For Up To 100, Add	2.10	
		For >100 To 200, Add	1.10	
		For >200 To 500, Add	0.44	
03 21 16 00-0090	LF	#3, Grade 50, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	0.76	
		For Up To 100, Add	0.57	
		For >100 To 200, Add	0.30	
		For >200 To 500, Add	0.12	
03 21 16 00-0091	LF	#4, Grade 50, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	1.31	
		For Up To 100, Add	0.99	
		For >100 To 200, Add	0.52	
		For >200 To 500, Add	0.21	
03 21 16 00-0092	LF	#5, Grade 50, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	1.98	
		For Up To 100, Add	1.52	
		For >100 To 200, Add	0.80	
		For >200 To 500, Add	0.32	
03 21 16 00-0093	LF	#6, Grade 50, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	2.76	
		For Up To 100, Add	2.16	
		For >100 To 200, Add	1.13	
		For >200 To 500, Add	0.45	
03 21 16 00-0094	LF	#3, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	0.78	
		For Up To 100, Add	0.59	
		For >100 To 200, Add	0.31	
		For >200 To 500, Add	0.12	
03 21 16 00-0095	LF	#4, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	1.35	
		For Up To 100, Add	1.03	
		For >100 To 200, Add	0.54	
		For >200 To 500, Add	0.22	
03 21 16 00-0096	LF	#5, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	2.04	
		For Up To 100, Add	1.58	
		For >100 To 200, Add	0.83	
		For >200 To 500, Add	0.33	
03 21 16 00-0097	LF	#6, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	2.84	
		For Up To 100, Add	2.24	
		For >100 To 200, Add	1.17	
		For >200 To 500, Add	0.47	
03 21 16 00-0098	LF	#7, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	3.76	
		For Up To 100, Add	2.32	
		For >100 To 200, Add	1.32	
		For >200 To 400, Add	0.63	
03 21 16 00-0099	LF	#8, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	4.74	
		For Up To 100, Add	2.97	
		For >100 To 200, Add	1.68	
		For >200 To 400, Add	0.80	
03 21 16 00-0100	LF	#9, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	5.88	
		For Up To 100, Add	3.73	
		For >100 To 200, Add	2.10	
		For >200 To 400, Add	1.01	
03 21 16 00-0101	LF	#10, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	7.26	
		For Up To 100, Add	3.76	
		For >100 To 200, Add	1.98	
		For >200 To 300, Add	0.99	
03 21 16 00-0102	LF	#11, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	8.76	
		For Up To 100, Add	4.58	
		For >100 To 200, Add	2.40	
		For >200 To 300, Add	1.20	



		Concrete	03	3
		Concrete Reinforcing	03 20	
		Reinforcement Bars	03 21	

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
03 21 16 00-0103	LF #14, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	12.27		
	For Up To 100, Add	6.50		
	For >100 To 200, Add	3.39		
	For >200 To 300, Add	1.70		
03 21 16 00-0104	LF #18, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	21.26		
	For Up To 100, Add	11.39		
	For >100 To 200, Add	5.92		
	For >200 To 300, Add	2.96		
03 21 16 00-0105	LF #6, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	2.93		
	For Up To 100, Add	2.33		
	For >100 To 200, Add	1.22		
	For >200 To 500, Add	0.49		
03 21 16 00-0106	LF #7, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	3.88		
	For Up To 100, Add	2.41		
	For >100 To 200, Add	1.36		
	For >200 To 400, Add	0.65		
03 21 16 00-0107	LF #8, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	4.89		
	For Up To 100, Add	3.08		
	For >100 To 200, Add	1.74		
	For >200 To 400, Add	0.83		
03 21 16 00-0108	LF #9, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	6.08		
	For Up To 100, Add	3.88		
	For >100 To 200, Add	2.18		
	For >200 To 400, Add	1.05		
03 21 16 00-0109	LF #10, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	7.51		
	For Up To 100, Add	3.91		
	For >100 To 200, Add	2.06		
	For >200 To 300, Add	1.03		
03 21 16 00-0110	LF #11, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	9.07		
	For Up To 100, Add	4.77		
	For >100 To 200, Add	2.50		
	For >200 To 300, Add	1.25		
03 21 16 00-0111	LF #14, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	12.71		
	For Up To 100, Add	6.76		
	For >100 To 200, Add	3.53		
	For >200 To 300, Add	1.76		
03 21 16 00-0112	LF #18, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	22.05		
	For Up To 100, Add	11.86		
	For >100 To 200, Add	6.16		
	For >200 To 300, Add	3.08		
03 21 16 00-0113	Elevated Slabs, Epoxy Coated Steel Reinforcement Bar (03 21 16)			
	Note: ASTM A-775 Epoxy Coated Steel.			
03 21 16 00-0114	LF #3, Grade 40, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	0.70		
	For Up To 100, Add	0.53		
	For >100 To 200, Add	0.28		
	For >200 To 500, Add	0.11		
03 21 16 00-0115	LF #4, Grade 40, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	1.21		
	For Up To 100, Add	0.93		
	For >100 To 200, Add	0.49		
	For >200 To 500, Add	0.20		
03 21 16 00-0116	LF #5, Grade 40, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	1.85		
	For Up To 100, Add	1.45		
	For >100 To 200, Add	0.76		
	For >200 To 500, Add	0.30		
03 21 16 00-0117	LF #6, Grade 40, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	2.58		
	For Up To 100, Add	2.05		
	For >100 To 200, Add	1.07		
	For >200 To 500, Add	0.43		
03 21 16 00-0118	LF #3, Grade 50, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	0.72		
	For Up To 100, Add	0.55		
	For >100 To 200, Add	0.29		
	For >200 To 500, Add	0.12		
03 21 16 00-0119	LF #4, Grade 50, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	1.24		
	For Up To 100, Add	0.96		
	For >100 To 200, Add	0.51		
	For >200 To 500, Add	0.20		
03 21 16 00-0120	LF #5, Grade 50, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	1.89		
	For Up To 100, Add	1.49		
	For >100 To 200, Add	0.78		
	For >200 To 500, Add	0.31		
03 21 16 00-0121	LF #6, Grade 50, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	2.64		
	For Up To 100, Add	2.11		
	For >100 To 200, Add	1.10		
	For >200 To 500, Add	0.44		
03 21 16 00-0122	LF #3, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	0.74		
	For Up To 100, Add	0.57		
	For >100 To 200, Add	0.30		
	For >200 To 500, Add	0.12		
03 21 16 00-0123	LF #4, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	1.28		
	For Up To 100, Add	1.00		
	For >100 To 200, Add	0.53		
	For >200 To 500, Add	0.21		



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 16 00-0124	LF	#5, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	.....	1.95	
		For Up To 100, Add	.....	1.55	
		For >100 To 200, Add	.....	0.81	
		For >200 To 500, Add	.....	0.32	
03 21 16 00-0125	LF	#6, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	.....	2.72	
		For Up To 100, Add	.....	2.19	
		For >100 To 200, Add	.....	1.14	
		For >200 To 500, Add	.....	0.46	
03 21 16 00-0126	LF	#7, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	.....	3.61	
		For Up To 100, Add	.....	2.27	
		For >100 To 200, Add	.....	1.28	
		For >200 To 400, Add	.....	0.61	
03 21 16 00-0127	LF	#8, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	.....	4.55	
		For Up To 100, Add	.....	2.90	
		For >100 To 200, Add	.....	1.63	
		For >200 To 400, Add	.....	0.78	
03 21 16 00-0128	LF	#9, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	.....	5.67	
		For Up To 100, Add	.....	3.65	
		For >100 To 200, Add	.....	2.04	
		For >200 To 400, Add	.....	0.98	
03 21 16 00-0129	LF	#10, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	.....	7.02	
		For Up To 100, Add	.....	3.69	
		For >100 To 200, Add	.....	1.93	
		For >200 To 300, Add	.....	0.97	
03 21 16 00-0130	LF	#11, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	.....	8.47	
		For Up To 100, Add	.....	4.50	
		For >100 To 200, Add	.....	2.35	
		For >200 To 300, Add	.....	1.17	
03 21 16 00-0131	LF	#14, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	.....	11.92	
		For Up To 100, Add	.....	6.39	
		For >100 To 200, Add	.....	3.32	
		For >200 To 300, Add	.....	1.66	
03 21 16 00-0132	LF	#18, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	.....	20.69	
		For Up To 100, Add	.....	11.21	
		For >100 To 200, Add	.....	5.81	
		For >200 To 300, Add	.....	2.90	
03 21 16 00-0133	LF	#6, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	.....	2.81	
		For Up To 100, Add	.....	2.28	
		For >100 To 200, Add	.....	1.19	
		For >200 To 500, Add	.....	0.47	
03 21 16 00-0134	LF	#7, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	.....	3.73	
		For Up To 100, Add	.....	2.36	
		For >100 To 200, Add	.....	1.33	
		For >200 To 400, Add	.....	0.64	
03 21 16 00-0135	LF	#8, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	.....	4.70	
		For Up To 100, Add	.....	3.02	
		For >100 To 200, Add	.....	1.69	
		For >200 To 400, Add	.....	0.81	
03 21 16 00-0136	LF	#9, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	.....	5.87	
		For Up To 100, Add	.....	3.80	
		For >100 To 200, Add	.....	2.12	
		For >200 To 400, Add	.....	1.02	
03 21 16 00-0137	LF	#10, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	.....	7.27	
		For Up To 100, Add	.....	3.84	
		For >100 To 200, Add	.....	2.01	
		For >200 To 300, Add	.....	1.00	
03 21 16 00-0138	LF	#11, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	.....	8.78	
		For Up To 100, Add	.....	4.68	
		For >100 To 200, Add	.....	2.44	
		For >200 To 300, Add	.....	1.22	
03 21 16 00-0139	LF	#14, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	.....	12.36	
		For Up To 100, Add	.....	6.66	
		For >100 To 200, Add	.....	3.46	
		For >200 To 300, Add	.....	1.73	
03 21 16 00-0140	LF	#18, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	.....	21.48	
		For Up To 100, Add	.....	11.69	
		For >100 To 200, Add	.....	6.04	
		For >200 To 300, Add	.....	3.02	
03 21 16 00-0141		Walls, Epoxy Coated Steel Reinforcement Bar (03 21 16)			
		Note: ASTM A-775 Epoxy Coated Steel.			
03 21 16 00-0142	LF	#3, Grade 40, Walls, Epoxy Coated Steel Reinforcement Bar	.....	0.68	
		For Up To 100, Add	.....	0.52	
		For >100 To 200, Add	.....	0.28	
		For >200 To 500, Add	.....	0.11	
03 21 16 00-0143	LF	#4, Grade 40, Walls, Epoxy Coated Steel Reinforcement Bar	.....	1.18	
		For Up To 100, Add	.....	0.92	
		For >100 To 200, Add	.....	0.48	
		For >200 To 500, Add	.....	0.19	
03 21 16 00-0144	LF	#5, Grade 40, Walls, Epoxy Coated Steel Reinforcement Bar	.....	1.80	
		For Up To 100, Add	.....	1.43	
		For >100 To 200, Add	.....	0.75	
		For >200 To 500, Add	.....	0.30	



		Concrete	03	3
		Concrete Reinforcing	03 20	
		Reinforcement Bars	03 21	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 16 00-0145	LF	#6, Grade 40, Walls, Epoxy Coated Steel Reinforcement Bar	.....	2.52	
		For Up To 100, Add	.....	2.03	
		For >100 To 200, Add	.....	1.06	
		For >200 To 500, Add	.....	0.42	
03 21 16 00-0146	LF	#3, Grade 50, Walls, Epoxy Coated Steel Reinforcement Bar	.....	0.70	
		For Up To 100, Add	.....	0.54	
		For >100 To 200, Add	.....	0.29	
		For >200 To 500, Add	.....	0.11	
03 21 16 00-0147	LF	#4, Grade 50, Walls, Epoxy Coated Steel Reinforcement Bar	.....	1.21	
		For Up To 100, Add	.....	0.95	
		For >100 To 200, Add	.....	0.50	
		For >200 To 500, Add	.....	0.20	
03 21 16 00-0148	LF	#5, Grade 50, Walls, Epoxy Coated Steel Reinforcement Bar	.....	1.84	
		For Up To 100, Add	.....	1.47	
		For >100 To 200, Add	.....	0.77	
		For >200 To 500, Add	.....	0.31	
03 21 16 00-0149	LF	#6, Grade 50, Walls, Epoxy Coated Steel Reinforcement Bar	.....	2.58	
		For Up To 100, Add	.....	2.09	
		For >100 To 200, Add	.....	1.09	
		For >200 To 500, Add	.....	0.43	
03 21 16 00-0150	LF	#3, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar	.....	0.72	
		For Up To 100, Add	.....	0.56	
		For >100 To 200, Add	.....	0.30	
		For >200 To 500, Add	.....	0.12	
03 21 16 00-0151	LF	#4, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar	.....	1.25	
		For Up To 100, Add	.....	0.99	
		For >100 To 200, Add	.....	0.52	
		For >200 To 500, Add	.....	0.21	
03 21 16 00-0152	LF	#5, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar	.....	1.90	
		For Up To 100, Add	.....	1.53	
		For >100 To 200, Add	.....	0.80	
		For >200 To 500, Add	.....	0.32	
03 21 16 00-0153	LF	#6, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar	.....	2.66	
		For Up To 100, Add	.....	2.17	
		For >100 To 200, Add	.....	1.13	
		For >200 To 500, Add	.....	0.45	
03 21 16 00-0154	LF	#7, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar	.....	3.51	
		For Up To 100, Add	.....	2.23	
		For >100 To 200, Add	.....	1.25	
		For >200 To 400, Add	.....	0.60	
03 21 16 00-0155	LF	#8, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar	.....	4.47	
		For Up To 100, Add	.....	2.88	
		For >100 To 200, Add	.....	1.61	
		For >200 To 400, Add	.....	0.78	
03 21 16 00-0156	LF	#9, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar	.....	5.57	
		For Up To 100, Add	.....	3.62	
		For >100 To 200, Add	.....	2.02	
		For >200 To 400, Add	.....	0.97	
03 21 16 00-0157	LF	#10, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar	.....	6.90	
		For Up To 100, Add	.....	3.65	
		For >100 To 200, Add	.....	1.91	
		For >200 To 300, Add	.....	0.95	
03 21 16 00-0158	LF	#11, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar	.....	8.34	
		For Up To 100, Add	.....	4.46	
		For >100 To 200, Add	.....	2.32	
		For >200 To 300, Add	.....	1.16	
03 21 16 00-0159	LF	#14, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar	.....	11.74	
		For Up To 100, Add	.....	6.34	
		For >100 To 200, Add	.....	3.29	
		For >200 To 300, Add	.....	1.64	
03 21 16 00-0160	LF	#18, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar	.....	20.41	
		For Up To 100, Add	.....	11.13	
		For >100 To 200, Add	.....	5.75	
		For >200 To 300, Add	.....	2.88	
03 21 16 00-0161	LF	#6, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar	.....	2.75	
		For Up To 100, Add	.....	2.26	
		For >100 To 200, Add	.....	1.17	
		For >200 To 500, Add	.....	0.47	
03 21 16 00-0162	LF	#7, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar	.....	3.63	
		For Up To 100, Add	.....	2.32	
		For >100 To 200, Add	.....	1.30	
		For >200 To 400, Add	.....	0.63	
03 21 16 00-0163	LF	#8, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar	.....	4.62	
		For Up To 100, Add	.....	2.99	
		For >100 To 200, Add	.....	1.67	
		For >200 To 400, Add	.....	0.81	
03 21 16 00-0164	LF	#9, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar	.....	5.77	
		For Up To 100, Add	.....	3.77	
		For >100 To 200, Add	.....	2.10	
		For >200 To 400, Add	.....	1.01	
03 21 16 00-0165	LF	#10, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar	.....	7.15	
		For Up To 100, Add	.....	3.80	
		For >100 To 200, Add	.....	1.98	
		For >200 To 300, Add	.....	0.99	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 16 00-0166	LF	#11, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar.....	8.65	
		For Up To 100, Add	4.64	
		For >100 To 200, Add	2.41	
		For >200 To 300, Add	1.21	
03 21 16 00-0167	LF	#14, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar.....	12.18	
		For Up To 100, Add	6.60	
		For >100 To 200, Add	3.42	
		For >200 To 300, Add	1.71	
03 21 16 00-0168	LF	#18, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar.....	21.20	
		For Up To 100, Add	11.60	
		For >100 To 200, Add	5.99	
		For >200 To 300, Add	2.99	
03 21 16 00-0169		Epoxy Coated Deformed Straight Dowels ^(03 21 16)		
		Note: Excludes drilling. See CSI section 02 41 19 13-0279 for drilling in concrete.		
03 21 16 00-0170	EA	3/8" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel.....	4.55	
		For Up To 12" Length, Deduct	-0.48	
		For >12" To <24" Length, Deduct	-0.24	
03 21 16 00-0171	EA	1/2" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel.....	5.39	
		For Up To 12" Length, Deduct	-0.72	
		For >12" To <24" Length, Deduct	-0.36	
03 21 16 00-0172	EA	5/8" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel.....	6.70	
		For Up To 12" Length, Deduct	-1.07	
		For >12" To <24" Length, Deduct	-0.54	
03 21 16 00-0173	EA	3/4" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel.....	8.33	
		For Up To 12" Length, Deduct	-1.42	
		For >12" To <24" Length, Deduct	-0.71	
03 21 16 00-0174	EA	7/8" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel.....	10.06	
		For Up To 12" Length, Deduct	-1.94	
		For >12" To <24" Length, Deduct	-0.97	
03 21 16 00-0175	EA	1" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel.....	11.72	
		For Up To 12" Length, Deduct	-2.39	
		For >12" To <24" Length, Deduct	-1.19	
03 21 16 00-0176	EA	1-1/8" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel.....	13.84	
		For Up To 12" Length, Deduct	-2.89	
		For >12" To <24" Length, Deduct	-1.44	
03 21 16 00-0177	EA	1-1/4" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel.....	16.67	
		For Up To 12" Length, Deduct	-3.50	
		For >12" To <24" Length, Deduct	-1.75	
03 21 19		Stainless Steel Reinforcement Bars ^(03 21)		
03 21 19 00-0001		Beams And Girders, Stainless Steel Reinforcement Bar ^(03 21 19)		
		Note: ASTM A-955.		
03 21 19 00-0002	LF	#3, Grade 40, Beams And Girders, Stainless Steel Reinforcement Bar.....	1.58	
		For Up To 100, Add	1.33	
		For >100 To 200, Add	0.69	
		For >200 To 500, Add	0.28	
03 21 19 00-0003	LF	#4, Grade 40, Beams And Girders, Stainless Steel Reinforcement Bar.....	2.79	
		For Up To 100, Add	2.39	
		For >100 To 200, Add	1.23	
		For >200 To 500, Add	0.49	
03 21 19 00-0004	LF	#5, Grade 40, Beams And Girders, Stainless Steel Reinforcement Bar.....	4.23	
		For Up To 100, Add	3.66	
		For >100 To 200, Add	1.88	
		For >200 To 500, Add	0.75	
03 21 19 00-0005	LF	#6, Grade 40, Beams And Girders, Stainless Steel Reinforcement Bar.....	5.95	
		For Up To 100, Add	5.19	
		For >100 To 200, Add	2.66	
		For >200 To 500, Add	1.06	
03 21 19 00-0006	LF	#3, Grade 60, Beams And Girders, Stainless Steel Reinforcement Bar.....	1.74	
		For Up To 100, Add	1.49	
		For >100 To 200, Add	0.77	
		For >200 To 500, Add	0.31	
03 21 19 00-0007	LF	#4, Grade 60, Beams And Girders, Stainless Steel Reinforcement Bar.....	3.07	
		For Up To 100, Add	2.67	
		For >100 To 200, Add	1.37	
		For >200 To 500, Add	0.55	
03 21 19 00-0008	LF	#5, Grade 60, Beams And Girders, Stainless Steel Reinforcement Bar.....	4.66	
		For Up To 100, Add	4.09	
		For >100 To 200, Add	2.09	
		For >200 To 500, Add	0.84	
03 21 19 00-0009	LF	#6, Grade 60, Beams And Girders, Stainless Steel Reinforcement Bar.....	6.56	
		For Up To 100, Add	5.80	
		For >100 To 200, Add	2.97	
		For >200 To 500, Add	1.19	
03 21 19 00-0010	LF	#7, Grade 60, Beams And Girders, Stainless Steel Reinforcement Bar.....	8.79	
		For Up To 100, Add	5.97	
		For >100 To 200, Add	3.28	
		For >200 To 400, Add	1.60	
03 21 19 00-0011	LF	#8, Grade 60, Beams And Girders, Stainless Steel Reinforcement Bar.....	11.35	
		For Up To 100, Add	7.78	
		For >100 To 200, Add	4.27	
		For >200 To 400, Add	2.09	



	Concrete	03	
	Concrete Reinforcing	03 20	
	Reinforcement Bars	03 21	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 19 00-0012	LF	#9, Grade 60, Beams And Girders, Stainless Steel Reinforcement Bar	.....	14.22	
		For Up To 100, Add	.....	9.81	
		For >100 To 200, Add	.....	5.37	
		For >200 To 400, Add	.....	2.63	
03 21 19 00-0013	LF	#10, Grade 60, Beams And Girders, Stainless Steel Reinforcement Bar	.....	17.78	
		For Up To 100, Add	.....	9.92	
		For >100 To 200, Add	.....	5.09	
		For >200 To 300, Add	.....	2.54	
03 21 19 00-0014	LF	#11, Grade 60, Beams And Girders, Stainless Steel Reinforcement Bar	.....	21.57	
		For Up To 100, Add	.....	12.11	
		For >100 To 200, Add	.....	6.19	
		For >200 To 300, Add	.....	3.10	
03 21 19 00-0015	LF	#14, Grade 60, Beams And Girders, Stainless Steel Reinforcement Bar	.....	30.70	
		For Up To 100, Add	.....	17.34	
		For >100 To 200, Add	.....	8.85	
		For >200 To 300, Add	.....	4.42	
03 21 19 00-0016	LF	#18, Grade 60, Beams And Girders, Stainless Steel Reinforcement Bar	.....	53.86	
		For Up To 100, Add	.....	30.60	
		For >100 To 200, Add	.....	15.59	
		For >200 To 300, Add	.....	7.79	
03 21 19 00-0017	LF	#6, Grade 75, Beams And Girders, Stainless Steel Reinforcement Bar	.....	6.87	
		For Up To 100, Add	.....	6.11	
		For >100 To 200, Add	.....	3.12	
		For >200 To 500, Add	.....	1.25	
03 21 19 00-0018	LF	#7, Grade 75, Beams And Girders, Stainless Steel Reinforcement Bar	.....	9.20	
		For Up To 100, Add	.....	6.28	
		For >100 To 200, Add	.....	3.45	
		For >200 To 400, Add	.....	1.68	
03 21 19 00-0019	LF	#8, Grade 75, Beams And Girders, Stainless Steel Reinforcement Bar	.....	11.90	
		For Up To 100, Add	.....	8.19	
		For >100 To 200, Add	.....	4.49	
		For >200 To 400, Add	.....	2.20	
03 21 19 00-0020	LF	#9, Grade 75, Beams And Girders, Stainless Steel Reinforcement Bar	.....	14.91	
		For Up To 100, Add	.....	10.33	
		For >100 To 200, Add	.....	5.64	
		For >200 To 400, Add	.....	2.77	
03 21 19 00-0021	LF	#10, Grade 75, Beams And Girders, Stainless Steel Reinforcement Bar	.....	18.67	
		For Up To 100, Add	.....	10.46	
		For >100 To 200, Add	.....	5.35	
		For >200 To 300, Add	.....	2.68	
03 21 19 00-0022	LF	#11, Grade 75, Beams And Girders, Stainless Steel Reinforcement Bar	.....	22.66	
		For Up To 100, Add	.....	12.76	
		For >100 To 200, Add	.....	6.52	
		For >200 To 300, Add	.....	3.26	
03 21 19 00-0023	LF	#14, Grade 75, Beams And Girders, Stainless Steel Reinforcement Bar	.....	32.26	
		For Up To 100, Add	.....	18.27	
		For >100 To 200, Add	.....	9.32	
		For >200 To 300, Add	.....	4.66	
03 21 19 00-0024	LF	#18, Grade 75, Beams And Girders, Stainless Steel Reinforcement Bar	.....	56.63	
		For Up To 100, Add	.....	32.27	
		For >100 To 200, Add	.....	16.42	
		For >200 To 300, Add	.....	8.21	
03 21 19 00-0025		Columns, Stainless Steel Reinforcement Bar (03 21 19)			
		Note: ASTM A-955.			
03 21 19 00-0026	LF	#3, Grade 40, Columns, Stainless Steel Reinforcement Bar	.....	1.61	
		For Up To 100, Add	.....	1.35	
		For >100 To 200, Add	.....	0.70	
		For >200 To 500, Add	.....	0.28	
03 21 19 00-0027	LF	#4, Grade 40, Columns, Stainless Steel Reinforcement Bar	.....	2.86	
		For Up To 100, Add	.....	2.42	
		For >100 To 200, Add	.....	1.25	
		For >200 To 500, Add	.....	0.50	
03 21 19 00-0028	LF	#5, Grade 40, Columns, Stainless Steel Reinforcement Bar	.....	4.32	
		For Up To 100, Add	.....	3.70	
		For >100 To 200, Add	.....	1.90	
		For >200 To 500, Add	.....	0.76	
03 21 19 00-0029	LF	#6, Grade 40, Columns, Stainless Steel Reinforcement Bar	.....	6.08	
		For Up To 100, Add	.....	5.25	
		For >100 To 200, Add	.....	2.69	
		For >200 To 500, Add	.....	1.08	
03 21 19 00-0030	LF	#3, Grade 60, Columns, Stainless Steel Reinforcement Bar	.....	1.77	
		For Up To 100, Add	.....	1.51	
		For >100 To 200, Add	.....	0.78	
		For >200 To 500, Add	.....	0.31	
03 21 19 00-0031	LF	#4, Grade 60, Columns, Stainless Steel Reinforcement Bar	.....	3.14	
		For Up To 100, Add	.....	2.70	
		For >100 To 200, Add	.....	1.39	
		For >200 To 500, Add	.....	0.56	
03 21 19 00-0032	LF	#5, Grade 60, Columns, Stainless Steel Reinforcement Bar	.....	4.75	
		For Up To 100, Add	.....	4.13	
		For >100 To 200, Add	.....	2.12	
		For >200 To 500, Add	.....	0.85	

03 Concrete**03 20 Concrete Reinforcing****03 21 Reinforcement Bars**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 19 00-0033	LF	#6, Grade 60, Columns, Stainless Steel Reinforcement Bar	.....	6.69	
		For Up To 100, Add	.....	5.86	
		For >100 To 200, Add	.....	3.00	
		For >200 To 500, Add	.....	1.20	
03 21 19 00-0034	LF	#7, Grade 60, Columns, Stainless Steel Reinforcement Bar	.....	8.94	
		For Up To 100, Add	.....	6.02	
		For >100 To 200, Add	.....	3.32	
		For >200 To 400, Add	.....	1.62	
03 21 19 00-0035	LF	#8, Grade 60, Columns, Stainless Steel Reinforcement Bar	.....	11.53	
		For Up To 100, Add	.....	7.84	
		For >100 To 200, Add	.....	4.31	
		For >200 To 400, Add	.....	2.11	
03 21 19 00-0036	LF	#9, Grade 60, Columns, Stainless Steel Reinforcement Bar	.....	14.43	
		For Up To 100, Add	.....	9.88	
		For >100 To 200, Add	.....	5.42	
		For >200 To 400, Add	.....	2.65	
03 21 19 00-0037	LF	#10, Grade 60, Columns, Stainless Steel Reinforcement Bar	.....	18.02	
		For Up To 100, Add	.....	9.99	
		For >100 To 200, Add	.....	5.13	
		For >200 To 300, Add	.....	2.57	
03 21 19 00-0038	LF	#11, Grade 60, Columns, Stainless Steel Reinforcement Bar	.....	21.84	
		For Up To 100, Add	.....	12.19	
		For >100 To 200, Add	.....	6.25	
		For >200 To 300, Add	.....	3.12	
03 21 19 00-0039	LF	#14, Grade 60, Columns, Stainless Steel Reinforcement Bar	.....	31.07	
		For Up To 100, Add	.....	17.45	
		For >100 To 200, Add	.....	8.92	
		For >200 To 300, Add	.....	4.46	
03 21 19 00-0040	LF	#18, Grade 60, Columns, Stainless Steel Reinforcement Bar	.....	54.43	
		For Up To 100, Add	.....	30.77	
		For >100 To 200, Add	.....	15.70	
		For >200 To 300, Add	.....	7.85	
03 21 19 00-0041	LF	#6, Grade 75, Columns, Stainless Steel Reinforcement Bar	.....	7.00	
		For Up To 100, Add	.....	6.17	
		For >100 To 200, Add	.....	3.15	
		For >200 To 500, Add	.....	1.26	
03 21 19 00-0042	LF	#7, Grade 75, Columns, Stainless Steel Reinforcement Bar	.....	9.35	
		For Up To 100, Add	.....	6.33	
		For >100 To 200, Add	.....	3.48	
		For >200 To 400, Add	.....	1.70	
03 21 19 00-0043	LF	#8, Grade 75, Columns, Stainless Steel Reinforcement Bar	.....	12.08	
		For Up To 100, Add	.....	8.26	
		For >100 To 200, Add	.....	4.53	
		For >200 To 400, Add	.....	2.22	
03 21 19 00-0044	LF	#9, Grade 75, Columns, Stainless Steel Reinforcement Bar	.....	15.12	
		For Up To 100, Add	.....	10.40	
		For >100 To 200, Add	.....	5.70	
		For >200 To 400, Add	.....	2.79	
03 21 19 00-0045	LF	#10, Grade 75, Columns, Stainless Steel Reinforcement Bar	.....	18.91	
		For Up To 100, Add	.....	10.53	
		For >100 To 200, Add	.....	5.40	
		For >200 To 300, Add	.....	2.70	
03 21 19 00-0046	LF	#11, Grade 75, Columns, Stainless Steel Reinforcement Bar	.....	22.93	
		For Up To 100, Add	.....	12.84	
		For >100 To 200, Add	.....	6.57	
		For >200 To 300, Add	.....	3.29	
03 21 19 00-0047	LF	#14, Grade 75, Columns, Stainless Steel Reinforcement Bar	.....	32.63	
		For Up To 100, Add	.....	18.38	
		For >100 To 200, Add	.....	9.39	
		For >200 To 300, Add	.....	4.70	
03 21 19 00-0048	LF	#18, Grade 75, Columns, Stainless Steel Reinforcement Bar	.....	57.20	
		For Up To 100, Add	.....	32.44	
		For >100 To 200, Add	.....	16.53	
		For >200 To 300, Add	.....	8.27	
03 21 19 00-0049		Footings, Stainless Steel Reinforcement Bar (03 21 19)			
		Note: ASTM A-955.			
03 21 19 00-0050	LF	#3, Grade 40, Footings, Stainless Steel Reinforcement Bar	.....	1.51	
		For Up To 100, Add	.....	1.31	
		For >100 To 200, Add	.....	0.67	
		For >200 To 500, Add	.....	0.27	
03 21 19 00-0051	LF	#4, Grade 40, Footings, Stainless Steel Reinforcement Bar	.....	2.69	
		For Up To 100, Add	.....	2.35	
		For >100 To 200, Add	.....	1.21	
		For >200 To 500, Add	.....	0.48	
03 21 19 00-0052	LF	#5, Grade 40, Footings, Stainless Steel Reinforcement Bar	.....	4.10	
		For Up To 100, Add	.....	3.61	
		For >100 To 200, Add	.....	1.85	
		For >200 To 500, Add	.....	0.74	
03 21 19 00-0053	LF	#6, Grade 40, Footings, Stainless Steel Reinforcement Bar	.....	5.77	
		For Up To 100, Add	.....	5.12	
		For >100 To 200, Add	.....	2.62	
		For >200 To 500, Add	.....	1.05	



	Concrete	03	
	Concrete Reinforcing	03 20	
	Reinforcement Bars	03 21	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 19 00-0054	LF	#3, Grade 60, Footings, Stainless Steel Reinforcement Bar	.....	1.67	
		For Up To 100, Add	.....	1.47	
		For >100 To 200, Add	.....	0.75	
		For >200 To 500, Add	.....	0.30	
03 21 19 00-0055	LF	#4, Grade 60, Footings, Stainless Steel Reinforcement Bar	.....	2.97	
		For Up To 100, Add	.....	2.63	
		For >100 To 200, Add	.....	1.35	
		For >200 To 500, Add	.....	0.54	
03 21 19 00-0056	LF	#5, Grade 60, Footings, Stainless Steel Reinforcement Bar	.....	4.53	
		For Up To 100, Add	.....	4.04	
		For >100 To 200, Add	.....	2.06	
		For >200 To 500, Add	.....	0.82	
03 21 19 00-0057	LF	#6, Grade 60, Footings, Stainless Steel Reinforcement Bar	.....	6.38	
		For Up To 100, Add	.....	5.73	
		For >100 To 200, Add	.....	2.92	
		For >200 To 500, Add	.....	1.17	
03 21 19 00-0058	LF	#7, Grade 60, Footings, Stainless Steel Reinforcement Bar	.....	8.56	
		For Up To 100, Add	.....	5.89	
		For >100 To 200, Add	.....	3.22	
		For >200 To 400, Add	.....	1.58	
03 21 19 00-0059	LF	#8, Grade 60, Footings, Stainless Steel Reinforcement Bar	.....	11.08	
		For Up To 100, Add	.....	7.69	
		For >100 To 200, Add	.....	4.20	
		For >200 To 400, Add	.....	2.06	
03 21 19 00-0060	LF	#9, Grade 60, Footings, Stainless Steel Reinforcement Bar	.....	13.90	
		For Up To 100, Add	.....	9.70	
		For >100 To 200, Add	.....	5.29	
		For >200 To 400, Add	.....	2.60	
03 21 19 00-0061	LF	#10, Grade 60, Footings, Stainless Steel Reinforcement Bar	.....	17.40	
		For Up To 100, Add	.....	9.81	
		For >100 To 200, Add	.....	5.01	
		For >200 To 300, Add	.....	2.50	
03 21 19 00-0062	LF	#11, Grade 60, Footings, Stainless Steel Reinforcement Bar	.....	21.15	
		For Up To 100, Add	.....	11.98	
		For >100 To 200, Add	.....	6.11	
		For >200 To 300, Add	.....	3.05	
03 21 19 00-0063	LF	#14, Grade 60, Footings, Stainless Steel Reinforcement Bar	.....	30.16	
		For Up To 100, Add	.....	17.18	
		For >100 To 200, Add	.....	8.74	
		For >200 To 300, Add	.....	4.37	
03 21 19 00-0064	LF	#18, Grade 60, Footings, Stainless Steel Reinforcement Bar	.....	53.00	
		For Up To 100, Add	.....	30.35	
		For >100 To 200, Add	.....	15.42	
		For >200 To 300, Add	.....	7.71	
03 21 19 00-0065	LF	#6, Grade 75, Footings, Stainless Steel Reinforcement Bar	.....	6.69	
		For Up To 100, Add	.....	6.04	
		For >100 To 200, Add	.....	3.08	
		For >200 To 500, Add	.....	1.23	
03 21 19 00-0066	LF	#7, Grade 75, Footings, Stainless Steel Reinforcement Bar	.....	8.97	
		For Up To 100, Add	.....	6.20	
		For >100 To 200, Add	.....	3.39	
		For >200 To 400, Add	.....	1.66	
03 21 19 00-0067	LF	#8, Grade 75, Footings, Stainless Steel Reinforcement Bar	.....	11.63	
		For Up To 100, Add	.....	8.10	
		For >100 To 200, Add	.....	4.42	
		For >200 To 400, Add	.....	2.17	
03 21 19 00-0068	LF	#9, Grade 75, Footings, Stainless Steel Reinforcement Bar	.....	14.59	
		For Up To 100, Add	.....	10.21	
		For >100 To 200, Add	.....	5.56	
		For >200 To 400, Add	.....	2.74	
03 21 19 00-0069	LF	#10, Grade 75, Footings, Stainless Steel Reinforcement Bar	.....	18.29	
		For Up To 100, Add	.....	10.34	
		For >100 To 200, Add	.....	5.28	
		For >200 To 300, Add	.....	2.64	
03 21 19 00-0070	LF	#11, Grade 75, Footings, Stainless Steel Reinforcement Bar	.....	22.24	
		For Up To 100, Add	.....	12.63	
		For >100 To 200, Add	.....	6.44	
		For >200 To 300, Add	.....	3.22	
03 21 19 00-0071	LF	#14, Grade 75, Footings, Stainless Steel Reinforcement Bar	.....	31.72	
		For Up To 100, Add	.....	18.11	
		For >100 To 200, Add	.....	9.21	
		For >200 To 300, Add	.....	4.60	
03 21 19 00-0072	LF	#18, Grade 75, Footings, Stainless Steel Reinforcement Bar	.....	55.77	
		For Up To 100, Add	.....	32.01	
		For >100 To 200, Add	.....	16.25	
		For >200 To 300, Add	.....	8.12	
03 21 19 00-0073		Slab On Grade, Stainless Steel Reinforcement Bar	(03 21 19)		
		Note: ASTM A-955.			
03 21 19 00-0074	LF	#3, Grade 40, Slab On Grade, Stainless Steel Reinforcement Bar	.....	1.49	
		For Up To 100, Add	.....	1.30	
		For >100 To 200, Add	.....	0.67	
		For >200 To 500, Add	.....	0.27	



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

03 21 19 00-0075	LF #4, Grade 40, Slab On Grade, Stainless Steel Reinforcement Bar.....	2.66	
	For Up To 100, Add	2.34	
	For >100 To 200, Add	1.20	
	For >200 To 500, Add	0.48	
03 21 19 00-0076	LF #5, Grade 40, Slab On Grade, Stainless Steel Reinforcement Bar.....	4.04	
	For Up To 100, Add	3.58	
	For >100 To 200, Add	1.83	
	For >200 To 500, Add	0.73	
03 21 19 00-0077	LF #6, Grade 40, Slab On Grade, Stainless Steel Reinforcement Bar.....	5.69	
	For Up To 100, Add	5.09	
	For >100 To 200, Add	2.60	
	For >200 To 500, Add	1.04	
03 21 19 00-0078	LF #3, Grade 60, Slab On Grade, Stainless Steel Reinforcement Bar.....	1.65	
	For Up To 100, Add	1.46	
	For >100 To 200, Add	0.75	
	For >200 To 500, Add	0.30	
03 21 19 00-0079	LF #4, Grade 60, Slab On Grade, Stainless Steel Reinforcement Bar.....	2.94	
	For Up To 100, Add	2.62	
	For >100 To 200, Add	1.34	
	For >200 To 500, Add	0.54	
03 21 19 00-0080	LF #5, Grade 60, Slab On Grade, Stainless Steel Reinforcement Bar.....	4.47	
	For Up To 100, Add	4.01	
	For >100 To 200, Add	2.05	
	For >200 To 500, Add	0.82	
03 21 19 00-0081	LF #6, Grade 60, Slab On Grade, Stainless Steel Reinforcement Bar.....	6.30	
	For Up To 100, Add	5.70	
	For >100 To 200, Add	2.90	
	For >200 To 500, Add	1.16	
03 21 19 00-0082	LF #7, Grade 60, Slab On Grade, Stainless Steel Reinforcement Bar.....	8.48	
	For Up To 100, Add	5.86	
	For >100 To 200, Add	3.20	
	For >200 To 400, Add	1.57	
03 21 19 00-0083	LF #8, Grade 60, Slab On Grade, Stainless Steel Reinforcement Bar.....	10.98	
	For Up To 100, Add	7.65	
	For >100 To 200, Add	4.17	
	For >200 To 400, Add	2.05	
03 21 19 00-0084	LF #9, Grade 60, Slab On Grade, Stainless Steel Reinforcement Bar.....	13.79	
	For Up To 100, Add	9.66	
	For >100 To 200, Add	5.26	
	For >200 To 400, Add	2.59	
03 21 19 00-0085	LF #10, Grade 60, Slab On Grade, Stainless Steel Reinforcement Bar.....	17.27	
	For Up To 100, Add	9.77	
	For >100 To 200, Add	4.98	
	For >200 To 300, Add	2.49	
03 21 19 00-0086	LF #11, Grade 60, Slab On Grade, Stainless Steel Reinforcement Bar.....	21.02	
	For Up To 100, Add	11.94	
	For >100 To 200, Add	6.08	
	For >200 To 300, Add	3.04	
03 21 19 00-0087	LF #14, Grade 60, Slab On Grade, Stainless Steel Reinforcement Bar.....	29.97	
	For Up To 100, Add	17.12	
	For >100 To 200, Add	8.70	
	For >200 To 300, Add	4.35	
03 21 19 00-0088	LF #18, Grade 60, Slab On Grade, Stainless Steel Reinforcement Bar.....	52.72	
	For Up To 100, Add	30.26	
	For >100 To 200, Add	15.36	
	For >200 To 300, Add	7.68	
03 21 19 00-0089	LF #6, Grade 75, Slab On Grade, Stainless Steel Reinforcement Bar.....	6.61	
	For Up To 100, Add	6.01	
	For >100 To 200, Add	3.06	
	For >200 To 500, Add	1.22	
03 21 19 00-0090	LF #7, Grade 75, Slab On Grade, Stainless Steel Reinforcement Bar.....	8.89	
	For Up To 100, Add	6.17	
	For >100 To 200, Add	3.37	
	For >200 To 400, Add	1.65	
03 21 19 00-0091	LF #8, Grade 75, Slab On Grade, Stainless Steel Reinforcement Bar.....	11.53	
	For Up To 100, Add	8.06	
	For >100 To 200, Add	4.39	
	For >200 To 400, Add	2.16	
03 21 19 00-0092	LF #9, Grade 75, Slab On Grade, Stainless Steel Reinforcement Bar.....	14.48	
	For Up To 100, Add	10.18	
	For >100 To 200, Add	5.54	
	For >200 To 400, Add	2.73	
03 21 19 00-0093	LF #10, Grade 75, Slab On Grade, Stainless Steel Reinforcement Bar.....	18.16	
	For Up To 100, Add	10.30	
	For >100 To 200, Add	5.25	
	For >200 To 300, Add	2.63	
03 21 19 00-0094	LF #11, Grade 75, Slab On Grade, Stainless Steel Reinforcement Bar.....	22.11	
	For Up To 100, Add	12.59	
	For >100 To 200, Add	6.41	
	For >200 To 300, Add	3.20	
03 21 19 00-0095	LF #14, Grade 75, Slab On Grade, Stainless Steel Reinforcement Bar.....	31.53	
	For Up To 100, Add	18.05	
	For >100 To 200, Add	9.17	
	For >200 To 300, Add	4.59	



		Concrete	03	3
		Concrete Reinforcing	03 20	
		Reinforcement Bars	03 21	

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST		UNIT COST
03 21 19 00-0096	LF #18, Grade 75, Slab On Grade, Stainless Steel Reinforcement Bar.....	55.49		
	For Up To 100, Add	31.92		
	For >100 To 200, Add	16.19		
	For >200 To 300, Add	8.10		
03 21 19 00-0097	Elevated Slabs, Stainless Steel Reinforcement Bar (03 21 19)			
	Note: ASTM A-955.			
03 21 19 00-0098	LF #3, Grade 40, Elevated Slabs, Stainless Steel Reinforcement Bar.....	1.45		
	For Up To 100, Add	1.28		
	For >100 To 200, Add	0.66		
	For >200 To 500, Add	0.26		
03 21 19 00-0099	LF #4, Grade 40, Elevated Slabs, Stainless Steel Reinforcement Bar.....	2.59		
	For Up To 100, Add	2.31		
	For >100 To 200, Add	1.18		
	For >200 To 500, Add	0.47		
03 21 19 00-0100	LF #5, Grade 40, Elevated Slabs, Stainless Steel Reinforcement Bar.....	3.95		
	For Up To 100, Add	3.55		
	For >100 To 200, Add	1.81		
	For >200 To 500, Add	0.72		
03 21 19 00-0101	LF #6, Grade 40, Elevated Slabs, Stainless Steel Reinforcement Bar.....	5.57		
	For Up To 100, Add	5.04		
	For >100 To 200, Add	2.57		
	For >200 To 500, Add	1.03		
03 21 19 00-0102	LF #3, Grade 60, Elevated Slabs, Stainless Steel Reinforcement Bar.....	1.61		
	For Up To 100, Add	1.44		
	For >100 To 200, Add	0.74		
	For >200 To 500, Add	0.29		
03 21 19 00-0103	LF #4, Grade 60, Elevated Slabs, Stainless Steel Reinforcement Bar.....	2.87		
	For Up To 100, Add	2.59		
	For >100 To 200, Add	1.32		
	For >200 To 500, Add	0.53		
03 21 19 00-0104	LF #5, Grade 60, Elevated Slabs, Stainless Steel Reinforcement Bar.....	4.38		
	For Up To 100, Add	3.98		
	For >100 To 200, Add	2.02		
	For >200 To 500, Add	0.81		
03 21 19 00-0105	LF #6, Grade 60, Elevated Slabs, Stainless Steel Reinforcement Bar.....	6.18		
	For Up To 100, Add	5.65		
	For >100 To 200, Add	2.87		
	For >200 To 500, Add	1.15		
03 21 19 00-0106	LF #7, Grade 60, Elevated Slabs, Stainless Steel Reinforcement Bar.....	8.33		
	For Up To 100, Add	5.81		
	For >100 To 200, Add	3.17		
	For >200 To 400, Add	1.56		
03 21 19 00-0107	LF #8, Grade 60, Elevated Slabs, Stainless Steel Reinforcement Bar.....	10.79		
	For Up To 100, Add	7.58		
	For >100 To 200, Add	4.13		
	For >200 To 400, Add	2.03		
03 21 19 00-0108	LF #9, Grade 60, Elevated Slabs, Stainless Steel Reinforcement Bar.....	13.58		
	For Up To 100, Add	9.59		
	For >100 To 200, Add	5.21		
	For >200 To 400, Add	2.57		
03 21 19 00-0109	LF #10, Grade 60, Elevated Slabs, Stainless Steel Reinforcement Bar.....	17.03		
	For Up To 100, Add	9.70		
	For >100 To 200, Add	4.94		
	For >200 To 300, Add	2.47		
03 21 19 00-0110	LF #11, Grade 60, Elevated Slabs, Stainless Steel Reinforcement Bar.....	20.73		
	For Up To 100, Add	11.85		
	For >100 To 200, Add	6.02		
	For >200 To 300, Add	3.01		
03 21 19 00-0111	LF #14, Grade 60, Elevated Slabs, Stainless Steel Reinforcement Bar.....	29.62		
	For Up To 100, Add	17.01		
	For >100 To 200, Add	8.63		
	For >200 To 300, Add	4.32		
03 21 19 00-0112	LF #18, Grade 60, Elevated Slabs, Stainless Steel Reinforcement Bar.....	52.15		
	For Up To 100, Add	30.09		
	For >100 To 200, Add	15.25		
	For >200 To 300, Add	7.62		
03 21 19 00-0113	LF #6, Grade 75, Elevated Slabs, Stainless Steel Reinforcement Bar.....	6.49		
	For Up To 100, Add	5.96		
	For >100 To 200, Add	3.03		
	For >200 To 500, Add	1.21		
03 21 19 00-0114	LF #7, Grade 75, Elevated Slabs, Stainless Steel Reinforcement Bar.....	8.74		
	For Up To 100, Add	6.12		
	For >100 To 200, Add	3.33		
	For >200 To 400, Add	1.64		
03 21 19 00-0115	LF #8, Grade 75, Elevated Slabs, Stainless Steel Reinforcement Bar.....	11.34		
	For Up To 100, Add	8.00		
	For >100 To 200, Add	4.35		
	For >200 To 400, Add	2.14		
03 21 19 00-0116	LF #9, Grade 75, Elevated Slabs, Stainless Steel Reinforcement Bar.....	14.27		
	For Up To 100, Add	10.10		
	For >100 To 200, Add	5.48		
	For >200 To 400, Add	2.70		



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 19 00-0117	LF		#10, Grade 75, Elevated Slabs, Stainless Steel Reinforcement Bar.....	17.92	
			For Up To 100, Add	10.23	
			For >100 To 200, Add	5.20	
			For >200 To 300, Add	2.60	
03 21 19 00-0118	LF		#11, Grade 75, Elevated Slabs, Stainless Steel Reinforcement Bar.....	21.82	
			For Up To 100, Add	12.51	
			For >100 To 200, Add	6.35	
			For >200 To 300, Add	3.18	
03 21 19 00-0119	LF		#14, Grade 75, Elevated Slabs, Stainless Steel Reinforcement Bar.....	31.18	
			For Up To 100, Add	17.95	
			For >100 To 200, Add	9.10	
			For >200 To 300, Add	4.55	
03 21 19 00-0120	LF		#18, Grade 75, Elevated Slabs, Stainless Steel Reinforcement Bar.....	54.92	
			For Up To 100, Add	31.75	
			For >100 To 200, Add	16.08	
			For >200 To 300, Add	8.04	
03 21 19 00-0121			Walls, Stainless Steel Reinforcement Bar (03 21 19)		
			Note: ASTM A-955.		
03 21 19 00-0122	LF		#3, Grade 40, Walls, Stainless Steel Reinforcement Bar.....	1.43	
			For Up To 100, Add	1.27	
			For >100 To 200, Add	0.65	
			For >200 To 500, Add	0.26	
03 21 19 00-0123	LF		#4, Grade 40, Walls, Stainless Steel Reinforcement Bar.....	2.56	
			For Up To 100, Add	2.30	
			For >100 To 200, Add	1.17	
			For >200 To 500, Add	0.47	
03 21 19 00-0124	LF		#5, Grade 40, Walls, Stainless Steel Reinforcement Bar.....	3.90	
			For Up To 100, Add	3.53	
			For >100 To 200, Add	1.80	
			For >200 To 500, Add	0.72	
03 21 19 00-0125	LF		#6, Grade 40, Walls, Stainless Steel Reinforcement Bar.....	5.51	
			For Up To 100, Add	5.02	
			For >100 To 200, Add	2.55	
			For >200 To 500, Add	1.02	
03 21 19 00-0126	LF		#3, Grade 60, Walls, Stainless Steel Reinforcement Bar.....	1.59	
			For Up To 100, Add	1.43	
			For >100 To 200, Add	0.73	
			For >200 To 500, Add	0.29	
03 21 19 00-0127	LF		#4, Grade 60, Walls, Stainless Steel Reinforcement Bar.....	2.84	
			For Up To 100, Add	2.58	
			For >100 To 200, Add	1.31	
			For >200 To 500, Add	0.53	
03 21 19 00-0128	LF		#5, Grade 60, Walls, Stainless Steel Reinforcement Bar.....	4.33	
			For Up To 100, Add	3.96	
			For >100 To 200, Add	2.01	
			For >200 To 500, Add	0.80	
03 21 19 00-0129	LF		#6, Grade 60, Walls, Stainless Steel Reinforcement Bar.....	6.12	
			For Up To 100, Add	5.63	
			For >100 To 200, Add	2.86	
			For >200 To 500, Add	1.14	
03 21 19 00-0130	LF		#7, Grade 60, Walls, Stainless Steel Reinforcement Bar.....	8.23	
			For Up To 100, Add	5.77	
			For >100 To 200, Add	3.14	
			For >200 To 400, Add	1.55	
03 21 19 00-0131	LF		#8, Grade 60, Walls, Stainless Steel Reinforcement Bar.....	10.71	
			For Up To 100, Add	7.56	
			For >100 To 200, Add	4.11	
			For >200 To 400, Add	2.02	
03 21 19 00-0132	LF		#9, Grade 60, Walls, Stainless Steel Reinforcement Bar.....	13.48	
			For Up To 100, Add	9.55	
			For >100 To 200, Add	5.18	
			For >200 To 400, Add	2.56	
03 21 19 00-0133	LF		#10, Grade 60, Walls, Stainless Steel Reinforcement Bar.....	16.91	
			For Up To 100, Add	9.66	
			For >100 To 200, Add	4.91	
			For >200 To 300, Add	2.46	
03 21 19 00-0134	LF		#11, Grade 60, Walls, Stainless Steel Reinforcement Bar.....	20.60	
			For Up To 100, Add	11.81	
			For >100 To 200, Add	6.00	
			For >200 To 300, Add	3.00	
03 21 19 00-0135	LF		#14, Grade 60, Walls, Stainless Steel Reinforcement Bar.....	29.44	
			For Up To 100, Add	16.96	
			For >100 To 200, Add	8.60	
			For >200 To 300, Add	4.30	
03 21 19 00-0136	LF		#18, Grade 60, Walls, Stainless Steel Reinforcement Bar.....	51.87	
			For Up To 100, Add	30.01	
			For >100 To 200, Add	15.19	
			For >200 To 300, Add	7.59	
03 21 19 00-0137	LF		#6, Grade 75, Walls, Stainless Steel Reinforcement Bar.....	6.43	
			For Up To 100, Add	5.94	
			For >100 To 200, Add	3.01	
			For >200 To 500, Add	1.20	



		Concrete	03	CS
		Concrete Reinforcing	03 20	
		Reinforcement Bars	03 21	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 19 00-0138 LF #7, Grade 75, Walls, Stainless Steel Reinforcement Bar.....	8.64	
For Up To 100, Add	6.08	
For >100 To 200, Add	3.31	
For >200 To 400, Add	1.63	
03 21 19 00-0139 LF #8, Grade 75, Walls, Stainless Steel Reinforcement Bar.....	11.26	
For Up To 100, Add	7.97	
For >100 To 200, Add	4.33	
For >200 To 400, Add	2.13	
03 21 19 00-0140 LF #9, Grade 75, Walls, Stainless Steel Reinforcement Bar.....	14.17	
For Up To 100, Add	10.07	
For >100 To 200, Add	5.46	
For >200 To 400, Add	2.69	
03 21 19 00-0141 LF #10, Grade 75, Walls, Stainless Steel Reinforcement Bar.....	17.80	
For Up To 100, Add	10.19	
For >100 To 200, Add	5.18	
For >200 To 300, Add	2.59	
03 21 19 00-0142 LF #11, Grade 75, Walls, Stainless Steel Reinforcement Bar.....	21.69	
For Up To 100, Add	12.47	
For >100 To 200, Add	6.33	
For >200 To 300, Add	3.16	
03 21 19 00-0143 LF #14, Grade 75, Walls, Stainless Steel Reinforcement Bar.....	31.00	
For Up To 100, Add	17.90	
For >100 To 200, Add	9.07	
For >200 To 300, Add	4.53	
03 21 19 00-0144 LF #18, Grade 75, Walls, Stainless Steel Reinforcement Bar.....	54.64	
For Up To 100, Add	31.67	
For >100 To 200, Add	16.02	
For >200 To 300, Add	8.01	

03 22 Fabric and Grid Reinforcing (03 20)

03 22 11 Plain Steel Welded Wire Fabric Reinforcing (03 22)

Note: Includes cutting, tie wire, tying, overlap, bar chairs and all non-mechanical splicing.

03 22 11 00-0001 Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (03 22 11)

Note: Includes bar chairs. Under 5 tons. ASTM A-185

03 22 11 00-0002 SF 6" x 6" x #10, 21 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W1.4 x W1.4)	0.98
For >5 Ton, Deduct	-0.14
03 22 11 00-0003 SF 6" x 6" x #8, 30 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.1 x W2.1)	1.12
For >5 Ton, Deduct	-0.16
03 22 11 00-0004 SF 6" x 6" x #6, 42 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.9 x W2.9)	1.31
For >5 Ton, Deduct	-0.18
03 22 11 00-0005 SF 6" x 6" x #4, 58 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W4.0 x W4.0)	1.60
For >5 Ton, Deduct	-0.21
03 22 11 00-0006 SF 4" x 4" x #10, 31 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W1.4 x W1.4)	1.20
For >5 Ton, Deduct	-0.17
03 22 11 00-0007 SF 4" x 4" x #8, 44 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.1 x W2.1)	1.38
For >5 Ton, Deduct	-0.19
03 22 11 00-0008 SF 4" x 4" x #6, 62 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.9 x W2.9)	1.82
For >5 Ton, Deduct	-0.24
03 22 11 00-0009 SF 4" x 4" x #4, 85 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W4.0 x W4.0)	2.17
For >5 Ton, Deduct	-0.28
03 22 11 00-0010 SF 2" x 2" x #10, 60 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W1.4 x W1.4)	2.97
For >5 Ton, Deduct	-0.35
For Galvanized, Add	0.88
For Epoxy Coated, Add	1.75
03 22 11 00-0011 SF 2" x 2" x #12, 37 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W0.9 x W0.9)	2.08
For >5 Ton, Deduct	-0.25
03 22 11 00-0012 SF 2" x 2" x #8, 88 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.1 x W2.1)	4.13
For >5 Ton, Deduct	-0.47

03 22 13 Galvanized Welded Wire Fabric Reinforcing (03 22)

03 22 13 00-0001 Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (03 22 13)

Note: Includes bar chairs. Under 5 tons.

03 22 13 00-0002 SF 6" x 6" x #10, 21 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W1.4 x W1.4)	1.13
For >5 Ton, Deduct	-0.16
03 22 13 00-0003 SF 6" x 6" x #8, 29 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.1 x W2.1)	1.30
For >5 Ton, Deduct	-0.18
03 22 13 00-0004 SF 6" x 6" x #6, 42 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.9 x W2.9)	1.55
For >5 Ton, Deduct	-0.21
03 22 13 00-0005 SF 6" x 6" x #4, 58 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W4.0 x W4.0)	1.93
For >5 Ton, Deduct	-0.25
03 22 13 00-0006 SF 4" x 4" x #10, 31 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W1.4 x W1.4)	1.41
For >5 Ton, Deduct	-0.19
03 22 13 00-0007 SF 4" x 4" x #8, 43 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.1 x W2.1)	1.64
For >5 Ton, Deduct	-0.21
03 22 13 00-0008 SF 4" x 4" x #6, 62 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.9 x W2.9)	2.25
For >5 Ton, Deduct	-0.28
03 22 13 00-0009 SF 4" x 4" x #4, 85 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W4.0 x W4.0)	2.70
For >5 Ton, Deduct	-0.33

03 Concrete**03 20 Concrete Reinforcing****03 22 Fabric and Grid Reinforcing**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

03 22 13 00-0010 Galvanized Welded Wire Reinforcement Wrap Placed In Beams And Columns (03 22 13)

Note: Includes bar chairs. Under 5 tons.

03 22 13 00-0011	SF	2" x 2" x #14, 21 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Wrap Placed In Beams And Columns (W0.5 x W0.5).....	3.67	
		For >5 Ton, Deduct	-0.55	

03 22 16 Epoxy-Coated Welded Wire Fabric Reinforcing (03 22)**03 22 16 00-0001 Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs** (03 22 16)

Note: Includes bar chairs. Under 5 tons.

03 22 16 00-0002	SF	6" x 6" x #10, 21 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W1.4 x W1.4).....	1.11	
		For >5 Ton, Deduct	-0.15	
03 22 16 00-0003	SF	6" x 6" x #8, 29 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.1 x W2.1).....	1.28	
		For >5 Ton, Deduct	-0.17	
03 22 16 00-0004	SF	6" x 6" x #6, 42 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.9 x W2.9).....	1.52	
		For >5 Ton, Deduct	-0.20	
03 22 16 00-0005	SF	6" x 6" x #4, 58 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W4.0 x W4.0).....	1.89	
		For >5 Ton, Deduct	-0.24	
03 22 16 00-0006	SF	4" x 4" x #10, 31 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W1.4 x W1.4).....	1.38	
		For >5 Ton, Deduct	-0.18	
03 22 16 00-0007	SF	4" x 4" x #8, 43 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.1 x W2.1).....	1.61	
		For >5 Ton, Deduct	-0.21	
03 22 16 00-0008	SF	4" x 4" x #6, 62 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.9 x W2.9).....	2.20	
		For >5 Ton, Deduct	-0.27	
03 22 16 00-0009	SF	4" x 4" x #4, 85 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W4.0 x W4.0).....	2.63	
		For >5 Ton, Deduct	-0.32	

03 22 23 Stainless Steel Welded Wire Fabric Reinforcing (03 22)

Note: Includes cutting, tie wire, tying, overlap, bar chairs and all non-mechanical splicing.

03 22 23 00-0001 Stainless Steel Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (03 22 23)

03 22 23 00-0002	SF	6" x 6" x #10, Stainless Steel Welded Wire Fabric Reinforcing Placed In Floors Or Slabs.....	2.12	
03 22 23 00-0003	SF	4" x 4" x #10, Stainless Steel Welded Wire Fabric Reinforcing Placed In Floors Or Slabs.....	2.77	

03 30 Cast-In-Place Concrete (03)

See CSI section 01 74 19 00-0048 for hauling over 15 miles.

03 30 53 Miscellaneous Cast-in-Place Concrete (03 30)**03 30 53 00-0001 Place Concrete Duct Bank** (03 30 53)

03 30 53 00-0002	CY	Direct Chute, Place 3,000 PSI Concrete Duct Bank	177.99	
		For 2,000 PSI Concrete, Deduct	-7.63	
		For 2,500 PSI Concrete, Deduct	-3.81	
		For 3,500 PSI Concrete, Add	7.06	
		For 3,750 PSI Concrete, Add	9.60	
		For 4,000 PSI Concrete, Add	12.14	
		For 4,500 PSI Concrete, Add	14.12	
		For 5,000 PSI Concrete, Add	16.10	
		For 6,000 PSI Concrete, Add	38.13	
		For White Cement Concrete, Add	16.95	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	18.36	
		For High Early Strength, Type 3 ASTM C150, Add	14.12	
		For Lightweight Aggregate, ASTM C330, Add	49.43	
		For Up To 20, Add	14.71	
		For >20 To 50, Add	5.52	
		For >100 To 200, Deduct	-3.56	
		For >200 To 400, Deduct	-7.12	
		For >400, Deduct	-10.68	

03 30 53 00-0003 Place Concrete Thrust Blocks And Backfill (03 30 53)



		Concrete	03	CS
		Cast-In-Place Concrete	03 30	
		Miscellaneous Cast-in-Place Concrete	03 30 53	

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM DESCRIPTION	UNIT	COST	UNIT COST
03 30 53 00-0004	CY Direct Chute, Place 3,000 PSI Concrete Thrust Blocks.....		224.23	
	For 2,000 PSI Concrete, Deduct		-7.63	
	For 2,500 PSI Concrete, Deduct		-3.61	
	For 3,500 PSI Concrete, Add		7.06	
	For 3,750 PSI Concrete, Add		9.60	
	For 4,000 PSI Concrete, Add		12.14	
	For 4,500 PSI Concrete, Add		14.12	
	For 5,000 PSI Concrete, Add		16.10	
	For 6,000 PSI Concrete, Add		38.13	
	For White Cement Concrete, Add		16.95	
	For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add		18.36	
	For High Early Strength, Type 3 ASTM C150, Add		14.12	
	For Lightweight Aggregate, ASTM C330, Add		49.43	
	For Up To 20, Add		33.20	
	For >20 To 50, Add		12.45	
	For >100 To 200, Deduct		-4.48	
	For >200 To 400, Deduct		-8.97	
	For >400, Deduct		-13.45	
03 30 53 00-0005	CY Concrete Pump, Place 3,000 PSI Concrete Thrust Blocks.....		221.35	
	Note: Excludes pumping equipment.			
	For 2,000 PSI Concrete, Deduct		-8.26	
	For 2,500 PSI Concrete, Deduct		-4.13	
	For 3,500 PSI Concrete, Add		7.65	
	For 3,750 PSI Concrete, Add		10.40	
	For 4,000 PSI Concrete, Add		13.16	
	For 4,500 PSI Concrete, Add		15.30	
	For 5,000 PSI Concrete, Add		17.44	
	For 6,000 PSI Concrete, Add		41.31	
	For White Cement Concrete, Add		18.36	
	For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add		19.89	
	For High Early Strength, Type 3 ASTM C150, Add		15.30	
	For Lightweight Aggregate, ASTM C330, Add		53.55	
03 30 53 00-0006	Place Concrete Slurry (03 30 53)			
03 30 53 00-0007	CY Direct Chute, Place Two Sack Cement, Concrete Slurry.....		167.52	
	Note: Two 94# sack cement per CY.			
03 30 53 00-0008	CY Concrete Pump, Place Two Sack Cement, Concrete Slurry.....		160.20	
	Note: Two 94# sack cement per CY. Excludes pumping equipment.			
03 30 53 00-0009	CY Direct Chute, Place One Sack Cement, Concrete Slurry.....		144.33	
	Note: One 94# sack cement per CY.			
03 30 53 00-0010	CY Concrete Pump, Place One Sack Cement, Concrete Slurry.....		137.01	
	Note: One 94# sack cement per CY. Excludes pumping equipment.			
03 30 53 00-0011	Hand Mix And Place Concrete (03 30 53)			
03 30 53 00-0012	CF Hand Mix And Place 3,000 PSI Concrete.....		18.57	
	Note: For use where conventional equipment access is limited or when directed by the owner. Includes local aggregate, sand, bagged cement (Type I) and water.			
	For Up To 25 CF, Add		2.16	
	For 2,000 PSI Concrete, Deduct		-0.33	
	For 2,500 PSI Concrete, Deduct		-0.16	
	For 3,500 PSI Concrete, Add		0.30	
	For 3,750 PSI Concrete, Add		0.41	
	For 4,000 PSI Concrete, Add		0.52	
	For 4,500 PSI Concrete, Add		0.60	
	For 5,000 PSI Concrete, Add		0.69	
	For 6,000 PSI Concrete, Add		1.63	
	For White Cement Concrete, Add		0.72	
	For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add		0.79	
	For High Early Strength, Type 3 ASTM C150, Add		0.60	
	For Lightweight Aggregate, ASTM C330, Add		2.11	
03 31	Structural Concrete (03 30)			
03 31 13	Heavyweight Structural Concrete (03 31)			
	Note: Includes delivery, fuel charge and placement of material. See CSI section 02 41 00 00-0000 for demolition, 03 05 13 00-0001 for admixtures, 03 11 00 00-0000 for forming, 03 20 00 00-0000 for reinforcing, 03 31 13 00-0086 for small concrete purchases (short load), 03 35 00 00-0000 for finishing, 03 39 00 00-0000 for curing.			
03 31 13 00-0001	Concrete Slab Assemblies (03 31 13)			
03 31 13 00-0002	3,000 PSI Slab On Grade Concrete Slabs Assemblies (03 31 13 00-0001)			
	Note: Includes forms, welded wire reinforcement (where necessary), #3 to #6 reinforcing rods at 12" on center each way with chairs (where necessary), vapor barrier, concrete, curing, latex or hot asphalt expansion joints, control joints, screed, float, and finish for pedestrian slabs. Excludes excavation, base, earthwork, and expansion joints along existing slab. See CSI section 03 05 13 00-0001 for color additive alternative, 03 37 16 00-0001 for concrete pumping equipment.			

03 Concrete**03 30 Cast-In-Place Concrete****03 31 Structural Concrete**MINOR
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

03 31 13 00-0003	SF 4" 3,000 PSI Slab On Grade Concrete Slab Assembly.....	7.63	
	For 2,000 PSI Concrete, Deduct	-0.19	
	For 2,500 PSI Concrete, Deduct	-0.09	
	For 3,500 PSI Concrete, Add	0.07	
	For 4,000 PSI Concrete, Add	0.22	
	For 4,500 PSI Concrete, Add	0.27	
	For 5,000 PSI Concrete, Add	0.31	
	For Reinforcing Rods Are At 18" On Center, Deduct	-0.45	
	For Reinforcing Rods Are At 24" On Center, Deduct	-0.66	
	For Up To 500, Add	3.21	
	For >500 To 1,000, Add	2.19	
	For >1,000 To 2,000, Add	1.18	
	For >2,000 To 5,000, Add	0.59	
	For >10,000 To 20,000, Deduct	-0.17	
	For >20,000 To 35,000, Deduct	-0.36	
	For >35,000 To 50,000, Deduct	-0.55	
	For >50,000 To 70,000, Deduct	-0.74	
	For >70,000, Deduct	-0.93	
03 31 13 00-0004	SF 5" 3,000 PSI Slab On Grade Concrete Slab Assembly.....	8.28	
	For 2,000 PSI Concrete, Deduct	-0.21	
	For 2,500 PSI Concrete, Deduct	-0.11	
	For 3,500 PSI Concrete, Add	0.07	
	For 4,000 PSI Concrete, Add	0.25	
	For 4,500 PSI Concrete, Add	0.31	
	For 5,000 PSI Concrete, Add	0.35	
	For Reinforcing Rods Are At 18" On Center, Deduct	-0.45	
	For Reinforcing Rods Are At 24" On Center, Deduct	-0.66	
	For Up To 500, Add	3.41	
	For >500 To 1,000, Add	2.34	
	For >1,000 To 2,000, Add	1.27	
	For >2,000 To 5,000, Add	0.63	
	For >10,000 To 20,000, Deduct	-0.19	
	For >20,000 To 35,000, Deduct	-0.40	
	For >35,000 To 50,000, Deduct	-0.61	
	For >50,000 To 70,000, Deduct	-0.82	
	For >70,000, Deduct	-1.02	
03 31 13 00-0005	SF 6" 3,000 PSI Slab On Grade Concrete Slab Assembly.....	9.24	
	For 2,000 PSI Concrete, Deduct	-0.25	
	For 2,500 PSI Concrete, Deduct	-0.12	
	For 3,500 PSI Concrete, Add	0.09	
	For 4,000 PSI Concrete, Add	0.29	
	For 4,500 PSI Concrete, Add	0.36	
	For 5,000 PSI Concrete, Add	0.41	
	For Reinforcing Rods Are At 18" On Center, Deduct	-0.45	
	For Reinforcing Rods Are At 24" On Center, Deduct	-0.66	
	For Up To 500, Add	3.72	
	For >500 To 1,000, Add	2.56	
	For >1,000 To 2,000, Add	1.39	
	For >2,000 To 5,000, Add	0.70	
	For >10,000 To 20,000, Deduct	-0.23	
	For >20,000 To 35,000, Deduct	-0.46	
	For >35,000 To 50,000, Deduct	-0.69	
	For >50,000 To 70,000, Deduct	-0.92	
	For >70,000, Deduct	-1.15	
03 31 13 00-0006	SF 7" 3,000 PSI Slab On Grade Concrete Slab Assembly.....	10.12	
	For 2,000 PSI Concrete, Deduct	-0.28	
	For 2,500 PSI Concrete, Deduct	-0.14	
	For 3,500 PSI Concrete, Add	0.10	
	For 4,000 PSI Concrete, Add	0.33	
	For 4,500 PSI Concrete, Add	0.41	
	For 5,000 PSI Concrete, Add	0.48	
	For Reinforcing Rods Are At 18" On Center, Deduct	-0.45	
	For Reinforcing Rods Are At 24" On Center, Deduct	-0.66	
	For Up To 500, Add	3.98	
	For >500 To 1,000, Add	2.74	
	For >1,000 To 2,000, Add	1.50	
	For >2,000 To 5,000, Add	0.75	
	For >10,000 To 20,000, Deduct	-0.26	
	For >20,000 To 35,000, Deduct	-0.52	
	For >35,000 To 50,000, Deduct	-0.77	
	For >50,000 To 70,000, Deduct	-1.02	
	For >70,000, Deduct	-1.27	



		Concrete	03	CS
		Cast-In-Place Concrete	03 30	
		Structural Concrete	03 31	

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST		UNIT COST
03 31 13 00-0007	SF 8" 3,000 PSI Slab On Grade Concrete Slab Assembly.....	10.88		
	For 2,000 PSI Concrete, Deduct	-0.31		
	For 2,500 PSI Concrete, Deduct	-0.16		
	For 3,500 PSI Concrete, Add	0.11		
	For 4,000 PSI Concrete, Add	0.37		
	For 4,500 PSI Concrete, Add	0.46		
	For 5,000 PSI Concrete, Add	0.53		
	For Reinforcing Rods Are At 18" On Center, Deduct	-0.45		
	For Reinforcing Rods Are At 24" On Center, Deduct	-0.66		
	For Up To 500, Add	4.21		
	For >500 To 1,000, Add	2.90		
	For >1,000 To 2,000, Add	1.60		
	For >2,000 To 5,000, Add	0.80		
	For >10,000 To 20,000, Deduct	-0.29		
	For >20,000 To 35,000, Deduct	-0.58		
	For >35,000 To 50,000, Deduct	-0.83		
	For >50,000 To 70,000, Deduct	-1.11		
	For >70,000, Deduct	-1.38		
03 31 13 00-0008	SF 10" 3,000 PSI Slab On Grade Concrete Slab Assembly.....	12.78		
	For 2,000 PSI Concrete, Deduct	-0.40		
	For 2,500 PSI Concrete, Deduct	-0.20		
	For 3,500 PSI Concrete, Add	0.14		
	For 4,000 PSI Concrete, Add	0.46		
	For 4,500 PSI Concrete, Add	0.58		
	For 5,000 PSI Concrete, Add	0.67		
	For Reinforcing Rods Are At 18" On Center, Deduct	-0.45		
	For Reinforcing Rods Are At 24" On Center, Deduct	-0.66		
	For Up To 500, Add	4.74		
	For >500 To 1,000, Add	3.28		
	For >1,000 To 2,000, Add	1.82		
	For >2,000 To 5,000, Add	0.91		
	For >10,000 To 20,000, Deduct	-0.37		
	For >20,000 To 35,000, Deduct	-0.69		
	For >35,000 To 50,000, Deduct	-1.01		
	For >50,000 To 70,000, Deduct	-1.32		
	For >70,000, Deduct	-1.64		
03 31 13 00-0009	SF 12" 3,000 PSI Slab On Grade Concrete Slab Assembly.....	14.30		
	For 2,000 PSI Concrete, Deduct	-0.46		
	For 2,500 PSI Concrete, Deduct	-0.23		
	For 3,500 PSI Concrete, Add	0.16		
	For 4,000 PSI Concrete, Add	0.53		
	For 4,500 PSI Concrete, Add	0.67		
	For 5,000 PSI Concrete, Add	0.77		
	For Reinforcing Rods Are At 18" On Center, Deduct	-0.45		
	For Reinforcing Rods Are At 24" On Center, Deduct	-0.66		
	For Up To 500, Add	5.20		
	For >500 To 1,000, Add	3.61		
	For >1,000 To 2,000, Add	2.02		
	For >2,000 To 5,000, Add	1.01		
	For >10,000 To 20,000, Deduct	-0.42		
	For >20,000 To 35,000, Deduct	-0.78		
	For >35,000 To 50,000, Deduct	-1.14		
	For >50,000 To 70,000, Deduct	-1.49		
	For >70,000, Deduct	-1.85		
03 31 13 00-0010	Concrete Delivery And Placement (03 31 13)			
	Note: Includes cleaning out equipment and standard concrete placement tests.			
03 31 13 00-0011	Place Concrete By Method Indicated (03 31 13 00-0010)			
	Note: Tasks for concrete placement "By Concrete Pump" exclude the pumping equipment. See CSI section 03 37 16 00-0001 for concrete pumping equipment.			
03 31 13 00-0012	Place Concrete Pile Caps (03 31 13 00-0011)			
03 31 13 00-0013	CY Crane And Bucket, Place 3,000 PSI Concrete Pile Caps	277.33		
	For 2,000 PSI Concrete, Deduct	-7.63		
	For 2,500 PSI Concrete, Deduct	-3.81		
	For 3,500 PSI Concrete, Add	7.06		
	For 3,750 PSI Concrete, Add	9.60		
	For 4,000 PSI Concrete, Add	12.14		
	For 4,500 PSI Concrete, Add	14.12		
	For 5,000 PSI Concrete, Add	16.10		
	For 6,000 PSI Concrete, Add	38.13		
	For White Cement Concrete, Add	16.95		
	For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	18.36		
	For High Early Strength, Type 3 ASTM C150, Add	14.12		
	For Lightweight Aggregate, ASTM C330, Add	49.43		
	For Up To 20, Add	54.44		
	For >20 To 50, Add	20.42		
	For >100 To 200, Deduct	-5.55		
	For >200 To 400, Deduct	-11.09		
	For >400, Deduct	-16.64		

03 Concrete**03 30 Cast-In-Place Concrete****03 31 Structural Concrete**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
03 31 13 00-0014	CY Direct Chute, Place 3,000 PSI Concrete Pile Caps	202.26		
	For 2,000 PSI Concrete, Deduct	-7.63		
	For 2,500 PSI Concrete, Deduct	-3.81		
	For 3,500 PSI Concrete, Add	7.06		
	For 3,750 PSI Concrete, Add	9.60		
	For 4,000 PSI Concrete, Add	12.14		
	For 4,500 PSI Concrete, Add	14.12		
	For 5,000 PSI Concrete, Add	16.10		
	For 6,000 PSI Concrete, Add	38.13		
	For White Cement Concrete, Add	16.95		
	For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	18.36		
	For High Early Strength, Type 3 ASTM C150, Add	14.12		
	For Lightweight Aggregate, ASTM C330, Add	49.43		
	For Up To 20, Add	24.42		
	For >20 To 50, Add	9.16		
	For >100 To 200, Deduct	-4.05		
	For >200 To 400, Deduct	-8.09		
	For >400, Deduct	-12.14		
03 31 13 00-0015	CY Concrete Pump, Place 3,000 PSI Concrete Pile Caps.....	211.12		
	Note: Excludes pumping equipment.			
	For 2,000 PSI Concrete, Deduct	-8.26		
	For 2,500 PSI Concrete, Deduct	-4.13		
	For 3,500 PSI Concrete, Add	7.65		
	For 3,750 PSI Concrete, Add	10.40		
	For 4,000 PSI Concrete, Add	13.16		
	For 4,500 PSI Concrete, Add	15.30		
	For 5,000 PSI Concrete, Add	17.44		
	For 6,000 PSI Concrete, Add	41.31		
	For White Cement Concrete, Add	18.36		
	For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	19.89		
	For High Early Strength, Type 3 ASTM C150, Add	15.30		
	For Lightweight Aggregate, ASTM C330, Add	53.55		
	For Up To 20, Add	23.25		
	For >20 To 50, Add	8.72		
	For >100 To 200, Deduct	-4.22		
	For >200 To 400, Deduct	-8.44		
	For >400, Deduct	-12.67		
03 31 13 00-0016	Place Concrete Continuous Footings (03 31 13 00-0011)			
03 31 13 00-0017	CY Crane And Bucket, Place 3,000 PSI Concrete Continuous Footings.....	262.21		
	For 2,000 PSI Concrete, Deduct	-7.63		
	For 2,500 PSI Concrete, Deduct	-3.81		
	For 3,500 PSI Concrete, Add	7.06		
	For 3,750 PSI Concrete, Add	9.60		
	For 4,000 PSI Concrete, Add	12.14		
	For 4,500 PSI Concrete, Add	14.12		
	For 5,000 PSI Concrete, Add	16.10		
	For 6,000 PSI Concrete, Add	38.13		
	For White Cement Concrete, Add	16.95		
	For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	18.36		
	For High Early Strength, Type 3 ASTM C150, Add	14.12		
	For Lightweight Aggregate, ASTM C330, Add	49.43		
	For Up To 20, Add	48.40		
	For >20 To 50, Add	18.15		
	For >100 To 200, Deduct	-5.24		
	For >200 To 400, Deduct	-10.49		
	For >400, Deduct	-15.73		
03 31 13 00-0018	CY Direct Chute, Place 3,000 PSI Concrete Continuous Footings	195.48		
	For 2,000 PSI Concrete, Deduct	-7.63		
	For 2,500 PSI Concrete, Deduct	-3.81		
	For 3,500 PSI Concrete, Add	7.06		
	For 3,750 PSI Concrete, Add	9.60		
	For 4,000 PSI Concrete, Add	12.14		
	For 4,500 PSI Concrete, Add	14.12		
	For 5,000 PSI Concrete, Add	16.10		
	For 6,000 PSI Concrete, Add	38.13		
	For White Cement Concrete, Add	16.95		
	For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	18.36		
	For High Early Strength, Type 3 ASTM C150, Add	14.12		
	For Lightweight Aggregate, ASTM C330, Add	49.43		
	For Up To 20, Add	21.70		
	For >20 To 50, Add	8.14		
	For >100 To 200, Deduct	-3.91		
	For >200 To 400, Deduct	-7.82		
	For >400, Deduct	-11.73		



		Concrete	03	03
		Cast-In-Place Concrete	03 30	
		Structural Concrete	03 31	

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST		UNIT COST
03 31 13 00-0019	CY Concrete Pump, Place 3,000 PSI Concrete Continuous Footings Note: Excludes pumping equipment.	204.66		
	For 2,000 PSI Concrete, Deduct	-8.26		
	For 2,500 PSI Concrete, Deduct	-4.13		
	For 3,500 PSI Concrete, Add	7.65		
	For 3,750 PSI Concrete, Add	10.40		
	For 4,000 PSI Concrete, Add	13.16		
	For 4,500 PSI Concrete, Add	15.30		
	For 5,000 PSI Concrete, Add	17.44		
	For 6,000 PSI Concrete, Add	41.31		
	For White Cement Concrete, Add	18.36		
	For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	19.89		
	For High Early Strength, Type 3 ASTM C150, Add	15.30		
	For Lightweight Aggregate, ASTM C330, Add	53.55		
	For Up To 20, Add	20.67		
	For >20 To 50, Add	7.75		
	For >100 To 200, Deduct	-4.09		
	For >200 To 400, Deduct	-8.19		
	For >400, Deduct	-12.28		
03 31 13 00-0020	Place Concrete Spread Footings (03 31 13 00-0019)			
03 31 13 00-0021	CY Crane And Bucket, Place 3,000 PSI Concrete Spread Footings For 2,000 PSI Concrete, Deduct	345.39		-7.63
	For 2,500 PSI Concrete, Deduct			-3.81
	For 3,500 PSI Concrete, Add			7.06
	For 3,750 PSI Concrete, Add			9.60
	For 4,000 PSI Concrete, Add			12.14
	For 4,500 PSI Concrete, Add			14.12
	For 5,000 PSI Concrete, Add			16.10
	For 6,000 PSI Concrete, Add			38.13
	For White Cement Concrete, Add			16.95
	For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add			18.36
	For High Early Strength, Type 3 ASTM C150, Add			14.12
	For Lightweight Aggregate, ASTM C330, Add			49.43
	For Up To 20, Add			81.67
	For >20 To 50, Add			30.63
	For >100 To 200, Deduct			-6.91
	For >200 To 400, Deduct			-13.82
	For >400, Deduct			-20.72
03 31 13 00-0022	CY Direct Chute, Place 3,000 PSI Concrete Spread Footings For 2,000 PSI Concrete, Deduct	232.78		-7.63
	For 2,500 PSI Concrete, Deduct			-3.81
	For 3,500 PSI Concrete, Add			7.06
	For 3,750 PSI Concrete, Add			9.60
	For 4,000 PSI Concrete, Add			12.14
	For 4,500 PSI Concrete, Add			14.12
	For 5,000 PSI Concrete, Add			16.10
	For 6,000 PSI Concrete, Add			38.13
	For White Cement Concrete, Add			16.95
	For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add			18.36
	For High Early Strength, Type 3 ASTM C150, Add			14.12
	For Lightweight Aggregate, ASTM C330, Add			49.43
	For Up To 20, Add			36.62
	For >20 To 50, Add			13.73
	For >100 To 200, Deduct			-4.66
	For >200 To 400, Deduct			-9.31
	For >400, Deduct			-13.97
03 31 13 00-0023	CY Concrete Pump, Place 3,000 PSI Concrete Spread Footings Note: Excludes pumping equipment.	240.19		
	For 2,000 PSI Concrete, Deduct			-8.26
	For 2,500 PSI Concrete, Deduct			-4.13
	For 3,500 PSI Concrete, Add			7.65
	For 3,750 PSI Concrete, Add			10.40
	For 4,000 PSI Concrete, Add			13.16
	For 4,500 PSI Concrete, Add			15.30
	For 5,000 PSI Concrete, Add			17.44
	For 6,000 PSI Concrete, Add			41.31
	For White Cement Concrete, Add			18.36
	For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add			19.89
	For High Early Strength, Type 3 ASTM C150, Add			15.30
	For Lightweight Aggregate, ASTM C330, Add			53.55
	For Up To 20, Add			34.88
	For >20 To 50, Add			13.08
	For >100 To 200, Deduct			-4.80
	For >200 To 400, Deduct			-9.61
	For >400, Deduct			-14.41
03 31 13 00-0024	Place Concrete Mat Foundation (03 31 13 00-0011)			

03 Concrete**03 30 Cast-In-Place Concrete****03 31 Structural Concrete**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
03 31 13 00-0025	CY Crane And Bucket, Place 3,000 PSI Concrete Mat Foundation.....	177.52		
	For 2,000 PSI Concrete, Deduct	-7.63		
	For 2,500 PSI Concrete, Deduct	-3.81		
	For 3,500 PSI Concrete, Add	7.06		
	For 3,750 PSI Concrete, Add	9.60		
	For 4,000 PSI Concrete, Add	12.14		
	For 4,500 PSI Concrete, Add	14.12		
	For 5,000 PSI Concrete, Add	16.10		
	For 6,000 PSI Concrete, Add	38.13		
	For White Cement Concrete, Add	16.95		
	For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	18.36		
	For High Early Strength, Type 3 ASTM C150, Add	14.12		
	For Lightweight Aggregate, ASTM C330, Add	49.43		
	For Up To 20, Add	14.52		
	For >20 To 50, Add	5.45		
	For >100 To 200, Deduct	-3.55		
	For >200 To 400, Deduct	-7.10		
	For >400, Deduct	-10.65		
03 31 13 00-0026	CY Direct Chute, Place 3,000 PSI Concrete Mat Foundation.....	157.50		
	For 2,000 PSI Concrete, Deduct	-7.63		
	For 2,500 PSI Concrete, Deduct	-3.81		
	For 3,500 PSI Concrete, Add	7.06		
	For 3,750 PSI Concrete, Add	9.60		
	For 4,000 PSI Concrete, Add	12.14		
	For 4,500 PSI Concrete, Add	14.12		
	For 5,000 PSI Concrete, Add	16.10		
	For 6,000 PSI Concrete, Add	38.13		
	For White Cement Concrete, Add	16.95		
	For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	18.36		
	For High Early Strength, Type 3 ASTM C150, Add	14.12		
	For Lightweight Aggregate, ASTM C330, Add	49.43		
	For Up To 20, Add	6.51		
	For >20 To 50, Add	2.44		
	For >100 To 200, Deduct	-3.15		
	For >200 To 400, Deduct	-6.30		
	For >400, Deduct	-9.45		
03 31 13 00-0027	CY Concrete Pump, Place 3,000 PSI Concrete Mat Foundation.....	166.56		
	Note: Excludes pumping equipment.			
	For 2,000 PSI Concrete, Deduct	-8.26		
	For 2,500 PSI Concrete, Deduct	-4.13		
	For 3,500 PSI Concrete, Add	7.65		
	For 3,750 PSI Concrete, Add	10.40		
	For 4,000 PSI Concrete, Add	13.16		
	For 4,500 PSI Concrete, Add	15.30		
	For 5,000 PSI Concrete, Add	17.44		
	For 6,000 PSI Concrete, Add	41.31		
	For White Cement Concrete, Add	18.36		
	For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	19.89		
	For High Early Strength, Type 3 ASTM C150, Add	15.30		
	For Lightweight Aggregate, ASTM C330, Add	53.55		
	For Up To 20, Add	5.43		
	For >20 To 50, Add	2.04		
	For >100 To 200, Deduct	-3.33		
	For >200 To 400, Deduct	-6.66		
	For >400, Deduct	-9.99		
03 31 13 00-0028	Place Concrete Grade Beams (03 31 13 00-0011)			
03 31 13 00-0029	CY Crane And Bucket, Place 3,000 PSI Concrete Grade Beams.....	238.01		
	For 2,000 PSI Concrete, Deduct	-7.63		
	For 2,500 PSI Concrete, Deduct	-3.81		
	For 3,500 PSI Concrete, Add	7.06		
	For 3,750 PSI Concrete, Add	9.60		
	For 4,000 PSI Concrete, Add	12.14		
	For 4,500 PSI Concrete, Add	14.12		
	For 5,000 PSI Concrete, Add	16.10		
	For 6,000 PSI Concrete, Add	38.13		
	For White Cement Concrete, Add	16.95		
	For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	18.36		
	For High Early Strength, Type 3 ASTM C150, Add	14.12		
	For Lightweight Aggregate, ASTM C330, Add	49.43		
	For Up To 20, Add	38.72		
	For >20 To 50, Add	14.52		
	For >100 To 200, Deduct	-4.76		
	For >200 To 400, Deduct	-9.52		
	For >400, Deduct	-14.28		



Concrete			03	03
Cast-In-Place Concrete			03 30	
Structural Concrete			03 31	

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST		UNIT COST
03 31 13 00-0030	CY Direct Chute, Place 3,000 PSI Concrete Grade Beams.....	184.62		
	For 2,000 PSI Concrete, Deduct	-7.63		
	For 2,500 PSI Concrete, Deduct	-3.81		
	For 3,500 PSI Concrete, Add	7.06		
	For 3,750 PSI Concrete, Add	9.60		
	For 4,000 PSI Concrete, Add	12.14		
	For 4,500 PSI Concrete, Add	14.12		
	For 5,000 PSI Concrete, Add	16.10		
	For 6,000 PSI Concrete, Add	38.13		
	For White Cement Concrete, Add	16.95		
	For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	18.36		
	For High Early Strength, Type 3 ASTM C150, Add	14.12		
	For Lightweight Aggregate, ASTM C330, Add	49.43		
	For Up To 20, Add	17.36		
	For >20 To 50, Add	6.51		
	For >100 To 200, Deduct	-3.69		
	For >200 To 400, Deduct	-7.38		
	For >400, Deduct	-11.03		
03 31 13 00-0031	CY Concrete Pump, Place 3,000 PSI Concrete Grade Beams.....	194.33		
	Note: Excludes pumping equipment.			
	For 2,000 PSI Concrete, Deduct	-8.26		
	For 2,500 PSI Concrete, Deduct	-4.13		
	For 3,500 PSI Concrete, Add	7.65		
	For 3,750 PSI Concrete, Add	10.40		
	For 4,000 PSI Concrete, Add	13.16		
	For 4,500 PSI Concrete, Add	15.30		
	For 5,000 PSI Concrete, Add	17.44		
	For 6,000 PSI Concrete, Add	41.31		
	For White Cement Concrete, Add	18.36		
	For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	19.89		
	For High Early Strength, Type 3 ASTM C150, Add	15.30		
	For Lightweight Aggregate, ASTM C330, Add	53.55		
	For Up To 20, Add	16.54		
	For >20 To 50, Add	6.20		
	For >100 To 200, Deduct	-3.89		
	For >200 To 400, Deduct	-7.77		
	For >400, Deduct	-11.66		
03 31 13 00-0032	Place Concrete Slab On Grade (03 31 13 00-0011).....	240.28		
03 31 13 00-0033	CY Up To 6", By Crane And Bucket, Place 3,000 PSI Concrete Slab On Grade.....	240.28		
	For 2,000 PSI Concrete, Deduct	-7.63		
	For 2,500 PSI Concrete, Deduct	-3.81		
	For 3,500 PSI Concrete, Add	7.06		
	For 3,750 PSI Concrete, Add	9.60		
	For 4,000 PSI Concrete, Add	12.14		
	For 4,500 PSI Concrete, Add	14.12		
	For 5,000 PSI Concrete, Add	16.10		
	For 6,000 PSI Concrete, Add	38.13		
	For White Cement Concrete, Add	16.95		
	For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	18.36		
	For High Early Strength, Type 3 ASTM C150, Add	14.12		
	For Lightweight Aggregate, ASTM C330, Add	49.43		
	For Up To 20, Add	39.62		
	For >20 To 50, Add	14.86		
	For >100 To 200, Deduct	-4.81		
	For >200 To 400, Deduct	-9.61		
	For >400, Deduct	-14.42		
03 31 13 00-0034	CY >6", By Crane And Bucket, Place 3,000 PSI Concrete Slab On Grade.....	216.39		
	For 2,000 PSI Concrete, Deduct	-7.63		
	For 2,500 PSI Concrete, Deduct	-3.81		
	For 3,500 PSI Concrete, Add	7.06		
	For 3,750 PSI Concrete, Add	9.60		
	For 4,000 PSI Concrete, Add	12.14		
	For 4,500 PSI Concrete, Add	14.12		
	For 5,000 PSI Concrete, Add	16.10		
	For 6,000 PSI Concrete, Add	38.13		
	For White Cement Concrete, Add	16.95		
	For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	18.36		
	For High Early Strength, Type 3 ASTM C150, Add	14.12		
	For Lightweight Aggregate, ASTM C330, Add	49.43		
	For Up To 20, Add	30.07		
	For >20 To 50, Add	11.28		
	For >100 To 200, Deduct	-4.33		
	For >200 To 400, Deduct	-8.66		
	For >400, Deduct	-12.98		

03 Concrete**03 30 Cast-In-Place Concrete****03 31 Structural Concrete**

MINOR			TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
03 31 13 00-0035	CY	Up To 6", By Direct Chute, Place 3,000 PSI Concrete Slab On Grade.....	185.64	
		For 2,000 PSI Concrete, Deduct	-7.63	
		For 2,500 PSI Concrete, Deduct	-3.81	
		For 3,500 PSI Concrete, Add	7.06	
		For 3,750 PSI Concrete, Add	9.60	
		For 4,000 PSI Concrete, Add	12.14	
		For 4,500 PSI Concrete, Add	14.12	
		For 5,000 PSI Concrete, Add	16.10	
		For 6,000 PSI Concrete, Add	38.13	
		For White Cement Concrete, Add	16.95	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	18.36	
		For High Early Strength, Type 3 ASTM C150, Add	14.12	
		For Lightweight Aggregate, ASTM C330, Add	49.43	
		For Up To 20, Add	17.77	
		For >20 To 50, Add	6.66	
		For >100 To 200, Deduct	-3.71	
		For >200 To 400, Deduct	-7.43	
		For >400, Deduct	-11.14	
03 31 13 00-0036	CY	>6", By Direct Chute, Place 3,000 PSI Concrete Slab On Grade	174.92	
		For 2,000 PSI Concrete, Deduct	-7.63	
		For 2,500 PSI Concrete, Deduct	-3.81	
		For 3,500 PSI Concrete, Add	7.06	
		For 3,750 PSI Concrete, Add	9.60	
		For 4,000 PSI Concrete, Add	12.14	
		For 4,500 PSI Concrete, Add	14.12	
		For 5,000 PSI Concrete, Add	16.10	
		For 6,000 PSI Concrete, Add	38.13	
		For White Cement Concrete, Add	16.95	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	18.36	
		For High Early Strength, Type 3 ASTM C150, Add	14.12	
		For Lightweight Aggregate, ASTM C330, Add	49.43	
		For Up To 20, Add	13.48	
		For >20 To 50, Add	5.06	
		For >100 To 200, Deduct	-3.50	
		For >200 To 400, Deduct	-7.00	
		For >400, Deduct	-10.50	
03 31 13 00-0037	CY	Up To 6", By Concrete Pump, Place 3,000 PSI Concrete Slab On Grade.....	190.02	
		Note: Excludes pumping equipment.		
		For 2,000 PSI Concrete, Deduct	-8.26	
		For 2,500 PSI Concrete, Deduct	-4.13	
		For 3,500 PSI Concrete, Add	7.65	
		For 3,750 PSI Concrete, Add	10.40	
		For 4,000 PSI Concrete, Add	13.16	
		For 4,500 PSI Concrete, Add	15.30	
		For 5,000 PSI Concrete, Add	17.44	
		For 6,000 PSI Concrete, Add	41.31	
		For White Cement Concrete, Add	18.36	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	19.89	
		For High Early Strength, Type 3 ASTM C150, Add	15.30	
		For Lightweight Aggregate, ASTM C330, Add	53.55	
		For Up To 20, Add	14.81	
		For >20 To 50, Add	5.55	
		For >100 To 200, Deduct	-3.80	
		For >200 To 400, Deduct	-7.60	
		For >400, Deduct	-11.40	
03 31 13 00-0038	CY	>6", By Concrete Pump, Place 3,000 PSI Concrete Slab On Grade	181.08	
		Note: Excludes pumping equipment.		
		For 2,000 PSI Concrete, Deduct	-8.26	
		For 2,500 PSI Concrete, Deduct	-4.13	
		For 3,500 PSI Concrete, Add	7.65	
		For 3,750 PSI Concrete, Add	10.40	
		For 4,000 PSI Concrete, Add	13.16	
		For 4,500 PSI Concrete, Add	15.30	
		For 5,000 PSI Concrete, Add	17.44	
		For 6,000 PSI Concrete, Add	41.31	
		For White Cement Concrete, Add	18.36	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	19.89	
		For High Early Strength, Type 3 ASTM C150, Add	15.30	
		For Lightweight Aggregate, ASTM C330, Add	53.55	
		For Up To 20, Add	11.24	
		For >20 To 50, Add	4.21	
		For >100 To 200, Deduct	-3.62	
		For >200 To 400, Deduct	-7.24	
		For >400, Deduct	-10.86	
03 31 13 00-0039		Place Concrete Stairs (03 31 13 00-0011)		



		Concrete	03	CS
		Cast-In-Place Concrete	03 30	
		Structural Concrete	03 31	

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST		UNIT COST
03 31 13 00-0040	CY Crane And Bucket, Place 3,000 PSI On Grade Concrete Stairs.....	586.93		
	For 2,000 PSI Concrete, Deduct	-7.63		
	For 2,500 PSI Concrete, Deduct	-3.81		
	For 3,500 PSI Concrete, Add	7.06		
	For 3,750 PSI Concrete, Add	9.60		
	For 4,000 PSI Concrete, Add	12.14		
	For 4,500 PSI Concrete, Add	14.12		
	For 5,000 PSI Concrete, Add	16.10		
	For 6,000 PSI Concrete, Add	38.13		
	For White Cement Concrete, Add	16.95		
	For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	18.36		
	For High Early Strength, Type 3 ASTM C150, Add	14.12		
	For Lightweight Aggregate, ASTM C330, Add	49.43		
	For Up To 20, Add	178.28		
	For >20 To 50, Add	66.86		
	For >100 To 200, Deduct	-11.74		
	For >200 To 400, Deduct	-23.48		
	For >400, Deduct	-35.22		
03 31 13 00-0041	CY Direct Chute, Place 3,000 PSI On Grade Concrete Stairs.....	341.14		
	For 2,000 PSI Concrete, Deduct	-7.63		
	For 2,500 PSI Concrete, Deduct	-3.81		
	For 3,500 PSI Concrete, Add	7.06		
	For 3,750 PSI Concrete, Add	9.60		
	For 4,000 PSI Concrete, Add	12.14		
	For 4,500 PSI Concrete, Add	14.12		
	For 5,000 PSI Concrete, Add	16.10		
	For 6,000 PSI Concrete, Add	38.13		
	For White Cement Concrete, Add	16.95		
	For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	18.36		
	For High Early Strength, Type 3 ASTM C150, Add	14.12		
	For Lightweight Aggregate, ASTM C330, Add	49.43		
	For Up To 20, Add	79.97		
	For >20 To 50, Add	29.99		
	For >100 To 200, Deduct	-6.82		
	For >200 To 400, Deduct	-13.65		
	For >400, Deduct	-20.47		
03 31 13 00-0042	CY Concrete Pump, Place 3,000 PSI On Grade Concrete Stairs.....	319.60		
	Note: Excludes pumping equipment.			
	For 2,000 PSI Concrete, Deduct	-8.26		
	For 2,500 PSI Concrete, Deduct	-4.13		
	For 3,500 PSI Concrete, Add	7.65		
	For 3,750 PSI Concrete, Add	10.40		
	For 4,000 PSI Concrete, Add	13.16		
	For 4,500 PSI Concrete, Add	15.30		
	For 5,000 PSI Concrete, Add	17.44		
	For 6,000 PSI Concrete, Add	41.31		
	For White Cement Concrete, Add	18.36		
	For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	19.89		
	For High Early Strength, Type 3 ASTM C150, Add	15.30		
	For Lightweight Aggregate, ASTM C330, Add	53.55		
	For Up To 20, Add	66.64		
	For >20 To 50, Add	24.99		
	For >100 To 200, Deduct	-6.39		
	For >200 To 400, Deduct	-12.78		
	For >400, Deduct	-19.18		
03 31 13 00-0043	Place Concrete Superstructure By Method Indicated (03 31 13 00-0010)			
	See CSI section 03 37 16 00-0001 for concrete pump truck.			
03 31 13 00-0044	Place Elevated Concrete Beams (03 31 13 00-0043)			
03 31 13 00-0045	CY Crane And Bucket, Place 3,000 PSI Elevated Concrete Beams	383.19		
	For 2,000 PSI Concrete, Deduct	-7.63		
	For 2,500 PSI Concrete, Deduct	-3.81		
	For 3,500 PSI Concrete, Add	7.06		
	For 3,750 PSI Concrete, Add	9.60		
	For 4,000 PSI Concrete, Add	12.14		
	For 4,500 PSI Concrete, Add	14.12		
	For 5,000 PSI Concrete, Add	16.10		
	For 6,000 PSI Concrete, Add	38.13		
	For White Cement Concrete, Add	16.95		
	For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	18.36		
	For High Early Strength, Type 3 ASTM C150, Add	14.12		
	For Lightweight Aggregate, ASTM C330, Add	49.43		
	For Up To 20, Add	96.79		
	For >20 To 50, Add	36.30		
	For >100 To 200, Deduct	-7.66		
	For >200 To 400, Deduct	-15.33		
	For >400, Deduct	-22.99		

03 Concrete**03 30 Cast-In-Place Concrete****03 31 Structural Concrete**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

03 31 13 00-0046	CY	Concrete Pump, Place 3,000 PSI Elevated Concrete Beams.....	256.34	
		Note: Excludes pumping equipment.		
		For 2,000 PSI Concrete, Deduct	-8.26	
		For 2,500 PSI Concrete, Deduct	-4.13	
		For 3,500 PSI Concrete, Add	7.65	
		For 3,750 PSI Concrete, Add	10.40	
		For 4,000 PSI Concrete, Add	13.16	
		For 4,500 PSI Concrete, Add	15.30	
		For 5,000 PSI Concrete, Add	17.44	
		For 6,000 PSI Concrete, Add	41.31	
		For White Cement Concrete, Add	18.36	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	19.89	
		For High Early Strength, Type 3 ASTM C150, Add	15.30	
		For Lightweight Aggregate, ASTM C330, Add	53.55	
		For Up To 20, Add	41.34	
		For >20 To 50, Add	15.50	
		For >100 To 200, Deduct	-5.13	
		For >200 To 400, Deduct	-10.25	
		For >400, Deduct	-15.38	

03 31 13 00-0047 Place Elevated Concrete Slab (03 31 13 00-0043)

03 31 13 00-0048	CY	Up To 6", By Crane And Bucket, Place 3,000 PSI Elevated Concrete Slab	255.14	
		For 2,000 PSI Concrete, Deduct	-7.63	
		For 2,500 PSI Concrete, Deduct	-3.81	
		For 3,500 PSI Concrete, Add	7.06	
		For 3,750 PSI Concrete, Add	9.60	
		For 4,000 PSI Concrete, Add	12.14	
		For 4,500 PSI Concrete, Add	14.12	
		For 5,000 PSI Concrete, Add	16.10	
		For 6,000 PSI Concrete, Add	38.13	
		For White Cement Concrete, Add	16.95	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	18.36	
		For High Early Strength, Type 3 ASTM C150, Add	14.12	
		For Lightweight Aggregate, ASTM C330, Add	49.43	
		For Up To 20, Add	45.57	
		For >20 To 50, Add	17.09	
		For >100 To 200, Deduct	-5.10	
		For >200 To 400, Deduct	-10.21	
		For >400, Deduct	-15.31	
03 31 13 00-0049	CY	>6", By Crane And Bucket, Place 3,000 PSI Elevated Concrete Slab	227.66	
		For 2,000 PSI Concrete, Deduct	-7.63	
		For 2,500 PSI Concrete, Deduct	-3.81	
		For 3,500 PSI Concrete, Add	7.06	
		For 3,750 PSI Concrete, Add	9.60	
		For 4,000 PSI Concrete, Add	12.14	
		For 4,500 PSI Concrete, Add	14.12	
		For 5,000 PSI Concrete, Add	16.10	
		For 6,000 PSI Concrete, Add	38.13	
		For White Cement Concrete, Add	16.95	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	18.36	
		For High Early Strength, Type 3 ASTM C150, Add	14.12	
		For Lightweight Aggregate, ASTM C330, Add	49.43	
		For Up To 20, Add	34.58	
		For >20 To 50, Add	12.97	
		For >100 To 200, Deduct	-4.55	
		For >200 To 400, Deduct	-9.11	
		For >400, Deduct	-13.66	
03 31 13 00-0050	CY	Up To 6", By Concrete Pump, Place 3,000 PSI Elevated Concrete Slab.....	201.65	
		Note: Excludes pumping equipment.		
		For 2,000 PSI Concrete, Deduct	-8.26	
		For 2,500 PSI Concrete, Deduct	-4.13	
		For 3,500 PSI Concrete, Add	7.65	
		For 3,750 PSI Concrete, Add	10.40	
		For 4,000 PSI Concrete, Add	13.16	
		For 4,500 PSI Concrete, Add	15.30	
		For 5,000 PSI Concrete, Add	17.44	
		For 6,000 PSI Concrete, Add	41.31	
		For White Cement Concrete, Add	18.36	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	19.89	
		For High Early Strength, Type 3 ASTM C150, Add	15.30	
		For Lightweight Aggregate, ASTM C330, Add	53.55	
		For Up To 20, Add	19.46	
		For >20 To 50, Add	7.30	
		For >100 To 200, Deduct	-4.03	
		For >200 To 400, Deduct	-8.07	
		For >400, Deduct	-12.10	



		Concrete	03	CS
		Cast-In-Place Concrete	03 30	
		Structural Concrete	03 31	

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST		UNIT COST
03 31 13 00-0051	CY >6", By Concrete Pump, Place 3,000 PSI Elevated Concrete Slab Note: Excludes pumping equipment. For 2,000 PSI Concrete, Deduct For 2,500 PSI Concrete, Deduct For 3,500 PSI Concrete, Add For 3,750 PSI Concrete, Add For 4,000 PSI Concrete, Add For 4,500 PSI Concrete, Add For 5,000 PSI Concrete, Add For 6,000 PSI Concrete, Add For White Cement Concrete, Add For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add For High Early Strength, Type 3 ASTM C150, Add For Lightweight Aggregate, ASTM C330, Add For Up To 20, Add For >20 To 50, Add For >100 To 200, Deduct For >200 To 400, Deduct For >400, Deduct	189.90 -8.26 -4.13 7.65 10.40 13.16 15.30 17.44 41.31 18.36 19.89 15.30 53.65 14.76 5.54 -3.80 -7.60 -11.39		
03 31 13 00-0052	Place Concrete Columns (03 31 13 00-0043)			
03 31 13 00-0053	CY 12" Square Or Round, By Crane And Bucket, Place 3,000 PSI Concrete Columns For 2,000 PSI Concrete, Deduct For 2,500 PSI Concrete, Deduct For 3,500 PSI Concrete, Add For 3,750 PSI Concrete, Add For 4,000 PSI Concrete, Add For 4,500 PSI Concrete, Add For 5,000 PSI Concrete, Add For 6,000 PSI Concrete, Add For White Cement Concrete, Add For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add For High Early Strength, Type 3 ASTM C150, Add For Lightweight Aggregate, ASTM C330, Add For Up To 20, Add For >20 To 50, Add For >100 To 200, Deduct For >200 To 400, Deduct For >400, Deduct	402.55 -7.63 -3.81 7.06 9.60 12.14 14.12 16.10 38.13 16.95 18.36 14.12 49.43 104.53 39.20 -8.05 -16.10 -24.15		
03 31 13 00-0054	CY 18" Square Or Round, By Crane And Bucket, Place 3,000 PSI Concrete Columns For 2,000 PSI Concrete, Deduct For 2,500 PSI Concrete, Deduct For 3,500 PSI Concrete, Add For 3,750 PSI Concrete, Add For 4,000 PSI Concrete, Add For 4,500 PSI Concrete, Add For 5,000 PSI Concrete, Add For 6,000 PSI Concrete, Add For White Cement Concrete, Add For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add For High Early Strength, Type 3 ASTM C150, Add For Lightweight Aggregate, ASTM C330, Add For Up To 20, Add For >20 To 50, Add For >100 To 200, Deduct For >200 To 400, Deduct For >400, Deduct	331.17 -7.63 -3.81 7.06 9.60 12.14 14.12 16.10 38.13 16.95 18.36 14.12 49.43 75.98 28.49 -6.62 -13.25 -19.87		
03 31 13 00-0055	CY 24" Square Or Round, By Crane And Bucket, Place 3,000 PSI Concrete Columns For 2,000 PSI Concrete, Deduct For 2,500 PSI Concrete, Deduct For 3,500 PSI Concrete, Add For 3,750 PSI Concrete, Add For 4,000 PSI Concrete, Add For 4,500 PSI Concrete, Add For 5,000 PSI Concrete, Add For 6,000 PSI Concrete, Add For White Cement Concrete, Add For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add For High Early Strength, Type 3 ASTM C150, Add For Lightweight Aggregate, ASTM C330, Add For Up To 20, Add For >20 To 50, Add For >100 To 200, Deduct For >200 To 400, Deduct For >400, Deduct	280.11 -7.63 -3.81 7.06 9.60 12.14 14.12 16.10 38.13 16.95 18.36 14.12 49.43 55.56 20.83 -5.60 -11.20 -16.81		

03 Concrete**03 30 Cast-In-Place Concrete****03 31 Structural Concrete**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

03 31 13 00-0056	CY	36" Square Or Round, By Crane And Bucket, Place 3,000 PSI Concrete Columns	257.37	
		For 2,000 PSI Concrete, Deduct	-7.63	
		For 2,500 PSI Concrete, Deduct	-3.81	
		For 3,500 PSI Concrete, Add	7.06	
		For 3,750 PSI Concrete, Add	9.60	
		For 4,000 PSI Concrete, Add	12.14	
		For 4,500 PSI Concrete, Add	14.12	
		For 5,000 PSI Concrete, Add	16.10	
		For 6,000 PSI Concrete, Add	38.13	
		For White Cement Concrete, Add	16.95	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	18.36	
		For High Early Strength, Type 3 ASTM C150, Add	14.12	
		For Lightweight Aggregate, ASTM C330, Add	49.43	
		For Up To 20, Add	46.46	
		For >20 To 50, Add	17.42	
		For >100 To 200, Deduct	-5.15	
		For >200 To 400, Deduct	-10.29	
		For >400, Deduct	-15.44	
03 31 13 00-0057	CY	12" Square Or Round, By Concrete Pump, Place 3,000 PSI Concrete Columns	264.61	
		Note: Excludes pumping equipment.		
		For 2,000 PSI Concrete, Deduct	-8.26	
		For 2,500 PSI Concrete, Deduct	-4.13	
		For 3,500 PSI Concrete, Add	7.65	
		For 3,750 PSI Concrete, Add	10.40	
		For 4,000 PSI Concrete, Add	13.16	
		For 4,500 PSI Concrete, Add	15.30	
		For 5,000 PSI Concrete, Add	17.44	
		For 6,000 PSI Concrete, Add	41.31	
		For White Cement Concrete, Add	18.36	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	19.89	
		For High Early Strength, Type 3 ASTM C150, Add	15.30	
		For Lightweight Aggregate, ASTM C330, Add	53.55	
		For Up To 20, Add	44.65	
		For >20 To 50, Add	16.74	
		For >100 To 200, Deduct	-5.29	
		For >200 To 400, Deduct	-10.58	
		For >400, Deduct	-15.88	
03 31 13 00-0058	CY	18" Square Or Round, By Concrete Pump, Place 3,000 PSI Concrete Columns	234.12	
		Note: Excludes pumping equipment.		
		For 2,000 PSI Concrete, Deduct	-8.26	
		For 2,500 PSI Concrete, Deduct	-4.13	
		For 3,500 PSI Concrete, Add	7.65	
		For 3,750 PSI Concrete, Add	10.40	
		For 4,000 PSI Concrete, Add	13.16	
		For 4,500 PSI Concrete, Add	15.30	
		For 5,000 PSI Concrete, Add	17.44	
		For 6,000 PSI Concrete, Add	41.31	
		For White Cement Concrete, Add	18.36	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	19.89	
		For High Early Strength, Type 3 ASTM C150, Add	15.30	
		For Lightweight Aggregate, ASTM C330, Add	53.55	
		For Up To 20, Add	32.45	
		For >20 To 50, Add	12.17	
		For >100 To 200, Deduct	-4.68	
		For >200 To 400, Deduct	-9.36	
		For >400, Deduct	-14.05	
03 31 13 00-0059	CY	24" Square Or Round, By Concrete Pump, Place 3,000 PSI Concrete Columns	212.31	
		Note: Excludes pumping equipment.		
		For 2,000 PSI Concrete, Deduct	-8.26	
		For 2,500 PSI Concrete, Deduct	-4.13	
		For 3,500 PSI Concrete, Add	7.65	
		For 3,750 PSI Concrete, Add	10.40	
		For 4,000 PSI Concrete, Add	13.16	
		For 4,500 PSI Concrete, Add	15.30	
		For 5,000 PSI Concrete, Add	17.44	
		For 6,000 PSI Concrete, Add	41.31	
		For White Cement Concrete, Add	18.36	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	19.89	
		For High Early Strength, Type 3 ASTM C150, Add	15.30	
		For Lightweight Aggregate, ASTM C330, Add	53.55	
		For Up To 20, Add	23.73	
		For >20 To 50, Add	8.90	
		For >100 To 200, Deduct	-4.25	
		For >200 To 400, Deduct	-8.49	
		For >400, Deduct	-12.74	



Concrete			03	03
Cast-In-Place Concrete			03 30	
Structural Concrete			03 31	

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST		UNIT COST
03 31 13 00-0060	CY 36" Square Or Round, By Concrete Pump, Place 3,000 PSI Concrete Columns Note: Excludes pumping equipment. For 2,000 PSI Concrete, Deduct For 2,500 PSI Concrete, Deduct For 3,500 PSI Concrete, Add For 3,750 PSI Concrete, Add For 4,000 PSI Concrete, Add For 4,500 PSI Concrete, Add For 5,000 PSI Concrete, Add For 6,000 PSI Concrete, Add For White Cement Concrete, Add For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add For High Early Strength, Type 3 ASTM C150, Add For Lightweight Aggregate, ASTM C330, Add For Up To 20, Add For >20 To 50, Add For >100 To 200, Deduct For >200 To 400, Deduct For >400, Deduct	202.59 -8.26 -4.13 7.65 10.40 13.16 15.30 17.44 41.31 18.36 19.89 15.30 53.65 19.84 7.44 -4.05 -8.10 -12.16		
03 31 13 00-0061	Place Concrete Walls (03 31 13 00-0043)			
03 31 13 00-0062	CY Up To 8" Thick, By Crane And Bucket, Place 3,000 PSI Concrete Walls For 2,000 PSI Concrete, Deduct For 2,500 PSI Concrete, Deduct For 3,500 PSI Concrete, Add For 3,750 PSI Concrete, Add For 4,000 PSI Concrete, Add For 4,500 PSI Concrete, Add For 5,000 PSI Concrete, Add For 6,000 PSI Concrete, Add For White Cement Concrete, Add For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add For High Early Strength, Type 3 ASTM C150, Add For Lightweight Aggregate, ASTM C330, Add For Up To 20, Add For >20 To 50, Add For >100 To 200, Deduct For >200 To 400, Deduct For >400, Deduct	386.22 -7.63 -3.81 7.06 9.60 12.14 14.12 16.10 38.13 16.95 18.36 14.12 49.43 98.00 36.75 -7.72 -15.45 -23.17		
03 31 13 00-0063	CY 12" Thick, By Crane And Bucket, Place 3,000 PSI Concrete Walls For 2,000 PSI Concrete, Deduct For 2,500 PSI Concrete, Deduct For 3,500 PSI Concrete, Add For 3,750 PSI Concrete, Add For 4,000 PSI Concrete, Add For 4,500 PSI Concrete, Add For 5,000 PSI Concrete, Add For 6,000 PSI Concrete, Add For White Cement Concrete, Add For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add For High Early Strength, Type 3 ASTM C150, Add For Lightweight Aggregate, ASTM C330, Add For Up To 20, Add For >20 To 50, Add For >100 To 200, Deduct For >200 To 400, Deduct For >400, Deduct	365.90 -7.63 -3.81 7.06 9.60 12.14 14.12 16.10 38.13 16.95 18.36 14.12 49.43 89.87 33.70 -7.32 -14.64 -21.95		
03 31 13 00-0064	CY 15" Thick, By Crane And Bucket, Place 3,000 PSI Concrete Walls For 2,000 PSI Concrete, Deduct For 2,500 PSI Concrete, Deduct For 3,500 PSI Concrete, Add For 3,750 PSI Concrete, Add For 4,000 PSI Concrete, Add For 4,500 PSI Concrete, Add For 5,000 PSI Concrete, Add For 6,000 PSI Concrete, Add For White Cement Concrete, Add For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add For High Early Strength, Type 3 ASTM C150, Add For Lightweight Aggregate, ASTM C330, Add For Up To 20, Add For >20 To 50, Add For >100 To 200, Deduct For >200 To 400, Deduct For >400, Deduct	312.72 -7.63 -3.81 7.06 9.60 12.14 14.12 16.10 38.13 16.95 18.36 14.12 49.43 68.60 25.73 -6.25 -12.51 -18.76		

03 Concrete**03 30 Cast-In-Place Concrete****03 31 Structural Concrete**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

03 31 13 00-0065	CY	Up To 8" Thick, By Direct Chute, Place 3,000 PSI Concrete Walls	251.09	
		For 2,000 PSI Concrete, Deduct	-7.63	
		For 2,500 PSI Concrete, Deduct	-3.81	
		For 3,500 PSI Concrete, Add	7.06	
		For 3,750 PSI Concrete, Add	9.60	
		For 4,000 PSI Concrete, Add	12.14	
		For 4,500 PSI Concrete, Add	14.12	
		For 5,000 PSI Concrete, Add	16.10	
		For 6,000 PSI Concrete, Add	38.13	
		For White Cement Concrete, Add	16.95	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	18.36	
		For High Early Strength, Type 3 ASTM C150, Add	14.12	
		For Lightweight Aggregate, ASTM C330, Add	49.43	
		For Up To 20, Add	43.95	
		For >20 To 50, Add	16.48	
		For >100 To 200, Deduct	-5.02	
		For >200 To 400, Deduct	-10.04	
		For >400, Deduct	-15.07	
03 31 13 00-0066	CY	12" Thick, By Direct Chute, Place 3,000 PSI Concrete Walls	229.12	
		For 2,000 PSI Concrete, Deduct	-7.63	
		For 2,500 PSI Concrete, Deduct	-3.81	
		For 3,500 PSI Concrete, Add	7.06	
		For 3,750 PSI Concrete, Add	9.60	
		For 4,000 PSI Concrete, Add	12.14	
		For 4,500 PSI Concrete, Add	14.12	
		For 5,000 PSI Concrete, Add	16.10	
		For 6,000 PSI Concrete, Add	38.13	
		For White Cement Concrete, Add	16.95	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	18.36	
		For High Early Strength, Type 3 ASTM C150, Add	14.12	
		For Lightweight Aggregate, ASTM C330, Add	49.43	
		For Up To 20, Add	35.16	
		For >20 To 50, Add	13.19	
		For >100 To 200, Deduct	-4.58	
		For >200 To 400, Deduct	-9.16	
		For >400, Deduct	-13.75	
03 31 13 00-0067	CY	15" Thick, By Direct Chute, Place 3,000 PSI Concrete Walls	218.14	
		For 2,000 PSI Concrete, Deduct	-7.63	
		For 2,500 PSI Concrete, Deduct	-3.81	
		For 3,500 PSI Concrete, Add	7.06	
		For 3,750 PSI Concrete, Add	9.60	
		For 4,000 PSI Concrete, Add	12.14	
		For 4,500 PSI Concrete, Add	14.12	
		For 5,000 PSI Concrete, Add	16.10	
		For 6,000 PSI Concrete, Add	38.13	
		For White Cement Concrete, Add	16.95	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	18.36	
		For High Early Strength, Type 3 ASTM C150, Add	14.12	
		For Lightweight Aggregate, ASTM C330, Add	49.43	
		For Up To 20, Add	30.77	
		For >20 To 50, Add	11.54	
		For >100 To 200, Deduct	-4.36	
		For >200 To 400, Deduct	-8.73	
		For >400, Deduct	-13.09	
03 31 13 00-0068	CY	Up To 8" Thick, By Concrete Pump, Place 3,000 PSI Concrete Walls	257.63	
		Note: Excludes pumping equipment.		
		For 2,000 PSI Concrete, Deduct	-8.26	
		For 2,500 PSI Concrete, Deduct	-4.13	
		For 3,500 PSI Concrete, Add	7.65	
		For 3,750 PSI Concrete, Add	10.40	
		For 4,000 PSI Concrete, Add	13.16	
		For 4,500 PSI Concrete, Add	15.30	
		For 5,000 PSI Concrete, Add	17.44	
		For 6,000 PSI Concrete, Add	41.31	
		For White Cement Concrete, Add	18.36	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	19.89	
		For High Early Strength, Type 3 ASTM C150, Add	15.30	
		For Lightweight Aggregate, ASTM C330, Add	53.55	
		For Up To 20, Add	41.86	
		For >20 To 50, Add	15.70	
		For >100 To 200, Deduct	-5.15	
		For >200 To 400, Deduct	-10.31	
		For >400, Deduct	-15.46	



Concrete			03	03
Cast-In-Place Concrete			03 30	
Structural Concrete			03 31	

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST		UNIT COST
03 31 13 00-0069	CY 12" Thick, By Concrete Pump, Place 3,000 PSI Concrete Walls	236.70		
	Note: Excludes pumping equipment.			
	For 2,000 PSI Concrete, Deduct	-8.26		
	For 2,500 PSI Concrete, Deduct	-4.13		
	For 3,500 PSI Concrete, Add	7.65		
	For 3,750 PSI Concrete, Add	10.40		
	For 4,000 PSI Concrete, Add	13.16		
	For 4,500 PSI Concrete, Add	15.30		
	For 5,000 PSI Concrete, Add	17.44		
	For 6,000 PSI Concrete, Add	41.31		
	For White Cement Concrete, Add	18.36		
	For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	19.89		
	For High Early Strength, Type 3 ASTM C150, Add	15.30		
	For Lightweight Aggregate, ASTM C330, Add	53.65		
	For Up To 20, Add	33.48		
	For >20 To 50, Add	12.56		
	For >100 To 200, Deduct	-4.73		
	For >200 To 400, Deduct	-9.47		
	For >400, Deduct	-14.20		
03 31 13 00-0070	CY 15" Thick, By Concrete Pump, Place 3,000 PSI Concrete Walls	226.24		
	Note: Excludes pumping equipment.			
	For 2,000 PSI Concrete, Deduct	-8.26		
	For 2,500 PSI Concrete, Deduct	-4.13		
	For 3,500 PSI Concrete, Add	7.65		
	For 3,750 PSI Concrete, Add	10.40		
	For 4,000 PSI Concrete, Add	13.16		
	For 4,500 PSI Concrete, Add	15.30		
	For 5,000 PSI Concrete, Add	17.44		
	For 6,000 PSI Concrete, Add	41.31		
	For White Cement Concrete, Add	18.36		
	For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	19.89		
	For High Early Strength, Type 3 ASTM C150, Add	15.30		
	For Lightweight Aggregate, ASTM C330, Add	53.55		
	For Up To 20, Add	29.30		
	For >20 To 50, Add	10.99		
	For >100 To 200, Deduct	-4.52		
	For >200 To 400, Deduct	-9.05		
	For >400, Deduct	-13.57		
03 31 13 00-0071	Place Elevated Concrete Stairs (03 31 13 00-0043)			
03 31 13 00-0072	CY Crane And Bucket, Place 3,000 PSI Elevated Concrete Stairs	636.52		
	For 2,000 PSI Concrete, Deduct	-7.63		
	For 2,500 PSI Concrete, Deduct	-3.81		
	For 3,500 PSI Concrete, Add	7.06		
	For 3,750 PSI Concrete, Add	9.60		
	For 4,000 PSI Concrete, Add	12.14		
	For 4,500 PSI Concrete, Add	14.12		
	For 5,000 PSI Concrete, Add	16.10		
	For 6,000 PSI Concrete, Add	38.13		
	For White Cement Concrete, Add	16.95		
	For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	18.36		
	For High Early Strength, Type 3 ASTM C150, Add	14.12		
	For Lightweight Aggregate, ASTM C330, Add	49.43		
	For Up To 20, Add	198.12		
	For >20 To 50, Add	74.30		
	For >100 To 200, Deduct	-12.73		
	For >200 To 400, Deduct	-25.46		
	For >400, Deduct	-38.19		
03 31 13 00-0073	CY Direct Chute, Place 3,000 PSI Elevated Concrete Stairs	363.34		
	For 2,000 PSI Concrete, Deduct	-7.63		
	For 2,500 PSI Concrete, Deduct	-3.81		
	For 3,500 PSI Concrete, Add	7.06		
	For 3,750 PSI Concrete, Add	9.60		
	For 4,000 PSI Concrete, Add	12.14		
	For 4,500 PSI Concrete, Add	14.12		
	For 5,000 PSI Concrete, Add	16.10		
	For 6,000 PSI Concrete, Add	38.13		
	For White Cement Concrete, Add	16.95		
	For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	18.36		
	For High Early Strength, Type 3 ASTM C150, Add	14.12		
	For Lightweight Aggregate, ASTM C330, Add	49.43		
	For Up To 20, Add	88.85		
	For >20 To 50, Add	33.32		
	For >100 To 200, Deduct	-7.27		
	For >200 To 400, Deduct	-14.53		
	For >400, Deduct	-21.80		

03 Concrete**03 30 Cast-In-Place Concrete****03 31 Structural Concrete**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0074	CY		Concrete Pump, Place 3,000 PSI Elevated Concrete Stairs.....	338.10	
			Note: Excludes pumping equipment.		
			For 2,000 PSI Concrete, Deduct	-8.26	
			For 2,500 PSI Concrete, Deduct	-4.13	
			For 3,500 PSI Concrete, Add	7.65	
			For 3,750 PSI Concrete, Add	10.40	
			For 4,000 PSI Concrete, Add	13.16	
			For 4,500 PSI Concrete, Add	15.30	
			For 5,000 PSI Concrete, Add	17.44	
			For 6,000 PSI Concrete, Add	41.31	
			For White Cement Concrete, Add	18.36	
			For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	19.89	
			For High Early Strength, Type 3 ASTM C150, Add	15.30	
			For Lightweight Aggregate, ASTM C330, Add	53.55	
			For Up To 20, Add	74.04	
			For >20 To 50, Add	27.77	
			For >100 To 200, Deduct	-6.76	
			For >200 To 400, Deduct	-13.52	
			For >400, Deduct	-20.29	
03 31 13 00-0075			Place Concrete Coping (03 31 13 00-0043)		
03 31 13 00-0076	CY		Crane And Bucket, Place 3,000 PSI Concrete Coping	653.63	
			For 2,000 PSI Concrete, Deduct	-7.63	
			For 2,500 PSI Concrete, Deduct	-3.81	
			For 3,500 PSI Concrete, Add	7.06	
			For 3,750 PSI Concrete, Add	9.60	
			For 4,000 PSI Concrete, Add	12.14	
			For 4,500 PSI Concrete, Add	14.12	
			For 5,000 PSI Concrete, Add	16.10	
			For 6,000 PSI Concrete, Add	38.13	
			For White Cement Concrete, Add	16.95	
			For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	18.36	
			For High Early Strength, Type 3 ASTM C150, Add	14.12	
			For Lightweight Aggregate, ASTM C330, Add	49.43	
			For Up To 20, Add	204.96	
			For >20 To 50, Add	76.86	
			For >100 To 200, Deduct	-13.07	
			For >200 To 400, Deduct	-26.15	
			For >400, Deduct	-39.22	
03 31 13 00-0077	CY		Direct Chute, Place 3,000 PSI Concrete Coping	361.85	
			For 2,000 PSI Concrete, Deduct	-7.63	
			For 2,500 PSI Concrete, Deduct	-3.81	
			For 3,500 PSI Concrete, Add	7.06	
			For 3,750 PSI Concrete, Add	9.60	
			For 4,000 PSI Concrete, Add	12.14	
			For 4,500 PSI Concrete, Add	14.12	
			For 5,000 PSI Concrete, Add	16.10	
			For 6,000 PSI Concrete, Add	38.13	
			For White Cement Concrete, Add	16.95	
			For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	18.36	
			For High Early Strength, Type 3 ASTM C150, Add	14.12	
			For Lightweight Aggregate, ASTM C330, Add	49.43	
			For Up To 20, Add	88.25	
			For >20 To 50, Add	33.09	
			For >100 To 200, Deduct	-7.24	
			For >200 To 400, Deduct	-14.47	
			For >400, Deduct	-21.71	
03 31 13 00-0078	CY		Concrete Pump, Place 3,000 PSI Concrete Coping	487.17	
			Note: Excludes pumping equipment.		
			For 2,000 PSI Concrete, Deduct	-8.26	
			For 2,500 PSI Concrete, Deduct	-4.13	
			For 3,500 PSI Concrete, Add	7.65	
			For 3,750 PSI Concrete, Add	10.40	
			For 4,000 PSI Concrete, Add	13.16	
			For 4,500 PSI Concrete, Add	15.30	
			For 5,000 PSI Concrete, Add	17.44	
			For 6,000 PSI Concrete, Add	41.31	
			For White Cement Concrete, Add	18.36	
			For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	19.89	
			For High Early Strength, Type 3 ASTM C150, Add	15.30	
			For Lightweight Aggregate, ASTM C330, Add	53.55	
			For Up To 20, Add	133.67	
			For >20 To 50, Add	50.13	
			For >100 To 200, Deduct	-9.74	
			For >200 To 400, Deduct	-19.49	
			For >400, Deduct	-29.23	
03 31 13 00-0079			Concrete Carts (03 31 13 00-0010)		
			Note: Used to place concrete were necessary.		
03 31 13 00-0080	CY		50' Haul, Non-Motorized, Concrete Buggy	27.22	
03 31 13 00-0081	CY		150' Haul, Non-Motorized, Concrete Buggy	36.45	
03 31 13 00-0082	CY		250' Haul, Non-Motorized, Concrete Buggy	48.61	
03 31 13 00-0083	CY		50' Haul, Motorized, Concrete Buggy	12.18	
03 31 13 00-0084	CY		150' Haul, Motorized, Concrete Buggy	16.33	



		Concrete	03	CS
		Cast-In-Place Concrete	03 30	
		Structural Concrete	03 31	

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST		UNIT COST
03 31 13 00-0085	CY 250' Haul, Motorized, Concrete Buggy	21.77		
03 31 13 00-0086	Delivery Fee For Small Concrete Purchases (Short Load) (03 31 13)			
03 31 13 00-0087	CY Delivery Fee For Small Concrete Purchases (Short Load) Per CY For Each CY Less Than 9 CY..... Note: The task quantity is 9 minus the number of CY's delivered. For example, the delivery fee for 2CY's is: (9-2) = 7.	26.22		
03 31 13 00-0088	Equipment Pads (03 31 13)			
03 31 13 00-0089	Small Concrete Equipment Housekeeping Pad Assemblies (03 31 13 00-0088) Note: Includes forms, hand mix concrete, finish, curing and reinforcing. For up to 50 SF per pad and up to 5 pads per project. See CSI section 03 31 13 00-0002 for >50 SF concrete pads.			
03 31 13 00-0090	SF 4" Equipment Pad With Welded Wire Reinforcement Assembly..... For >5 To 20 Pads, Deduct For >20 To 50 Pads, Deduct For >50 Pads, Deduct	18.69 -2.35 -4.31 -6.26		
03 31 13 00-0091	SF 4" Equipment Pad With Rebar Assembly..... For >5 To 20 Pads, Deduct For >20 To 50 Pads, Deduct For >50 Pads, Deduct	23.33 -2.71 -4.97 -7.23		
03 31 13 00-0092	SF 6" Equipment Pad With Rebar Assembly..... For >5 To 20 Pads, Deduct For >20 To 50 Pads, Deduct For >50 Pads, Deduct	29.21 -3.41 -6.25 -9.09		
03 31 13 00-0093	SF 8" Equipment Pad With Rebar Assembly..... For >5 To 20 Pads, Deduct For >20 To 50 Pads, Deduct For >50 Pads, Deduct	36.59 -4.33 -7.94 -11.54		
03 31 16	Lightweight Structural Concrete (03 31)			
03 31 16 00-0001	Low Density Cellular / Foam Concrete Fill (03 31 16)			
03 31 16 00-0002	CY Lightweight Low Density Pervious Cellular/Foam Concrete, 100 To 120 PCF Density Range	303.89		
03 35	Concrete Finishing (03 30)			
03 35 13	High-Tolerance Concrete Floor Finishing (03 35)			
03 35 13 00-0001	Floor Finishes (03 35 13) Note: Task is for final finish type and includes all required prior finishes.			
03 35 13 00-0002	SF Screed, Concrete Floor Finish	1.03		
	For Up To 100, Add	2.06		
	For >100 To 250, Add	0.52		
	For >250 To 500, Add	0.26		
	For >5,000 To 10,000, Deduct	-0.05		
	For >10,000, Deduct	-0.10		
03 35 13 00-0003	SF Darby, Concrete Floor Finish.....	1.23		
	For Up To 100, Add	2.46		
	For >100 To 250, Add	0.62		
	For >250 To 500, Add	0.31		
	For >5,000 To 10,000, Deduct	-0.06		
	For >10,000, Deduct	-0.12		
03 35 13 00-0004	SF Broom, Concrete Floor Finish.....	1.36		
	For Up To 100, Add	2.72		
	For >100 To 250, Add	0.68		
	For >250 To 500, Add	0.34		
	For >5,000 To 10,000, Deduct	-0.07		
	For >10,000, Deduct	-0.14		
03 35 13 00-0005	SF Final Float, Concrete Floor Finish.....	1.59		
	For Up To 100, Add	3.18		
	For >100 To 250, Add	0.80		
	For >250 To 500, Add	0.40		
	For >5,000 To 10,000, Deduct	-0.08		
	For >10,000, Deduct	-0.16		
03 35 13 00-0006	SF Steel Trowel, Concrete Floor Finish.....	1.79		
	For Up To 100, Add	3.58		
	For >100 To 250, Add	0.90		
	For >250 To 500, Add	0.45		
	For >5,000 To 10,000, Deduct	-0.09		
	For >10,000, Deduct	-0.18		
03 35 13 00-0007	SF Concrete Floor Finishes, Machine.....	1.59		
	For Up To 100, Add	3.18		
	For >100 To 250, Add	0.80		
	For >250 To 500, Add	0.40		
	For >5,000 To 10,000, Deduct	-0.08		
	For >10,000, Deduct	-0.16		
03 35 16	Heavy-Duty Concrete Floor Finishing (03 35)			
03 35 16 00-0001	Shake On Floor Hardeners (03 35 16)			

03 Concrete**03 30 Cast-In-Place Concrete****03 35 Concrete Finishing**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

03 35 16 00-0002	SF	0.3 LB/SF, Metallic, Shake On Floor Hardener	1.23	
03 35 16 00-0003	SF	0.65 LB/SF, Metallic, Shake On Floor Hardener	1.84	
03 35 16 00-0004	SF	0.3 LB/SF, Non-Metallic, Shake On Floor Hardener	1.17	
03 35 16 00-0005	SF	0.65 LB/SF, Non-Metallic, Shake On Floor Hardener	1.38	

03 35 19 Colored Concrete Finishing (03 35)**03 35 19 00-0001 Concrete Surface Treatments (03 35 19)**

03 35 19 00-0002	SF	Acrylic Latex Bonding Agent	0.58	
03 35 19 00-0003	SF	Epoxy Resin Bonding Agent	3.39	
03 35 19 00-0004	SF	Clear Acrylic Sealer, Hardener And Dustproofer	0.40	
03 35 19 00-0005	SF	Colored Acrylic Sealer, Hardener And Dustproofer	0.42	

03 35 23 Exposed Aggregate Concrete Finishing (03 35)**03 35 23 00-0001 Exposed Aggregate, Concrete Finish (03 35 23)**

03 35 23 00-0002	SF	Exposed Aggregate, Concrete Floor Finish	3.69	

03 35 26 Grooved Concrete Surface Finishing (03 35)**03 35 26 00-0001 Ramp, Grooved Concrete Surface Finishing (03 35 26)**

03 35 26 00-0002	SF	Ramp, Grooved Concrete Surface Finishing	4.69	

03 35 29 Tooled Concrete Finishing (03 35)**03 35 29 00-0001 Solid Board Concrete Finish (03 35 29)**

03 35 29 00-0002	SF	Solid Board Concrete, Non-Uniform Finish, 1 Use, Add To Formwork	15.87	

03 35 29 00-0003 Marblecrete Finishes (03 35 29)

03 35 29 00-0004	SF	2" Thick Marblecrete And Finish	34.94	
03 35 29 00-0005	SF	4" Thick Marblecrete And Finish	46.90	

03 35 33 Stamped Concrete Finishing (03 35)**03 35 33 00-0001 Stamped Concrete Finishes (03 35 33)**

03 35 33 00-0002	SF	Up To 2,500 SF Stamped Concrete Finish	4.13	
03 35 33 00-0003	SF	>2,500 To 10,000 SF Stamped Concrete Finish	3.75	
03 35 33 00-0004	SF	>10,000 SF Stamped Concrete Finish	3.58	

03 35 43 Polished Concrete Finishing (03 35)**03 35 43 00-0001 Concrete Floor Polishing System (03 35 43)**

Note: The floor polishing system below may consist of one or multiple applications of each task/step below depending on existing conditions and desired results.

03 35 43 00-0002	SF	Mechanically Grind Concrete Floor With 40 Grit Metal Bonded Diamond Wheels	1.95	
		For Up To 500, Add	3.71	
		For >500 To 1,000, Add	3.44	
		For >1,000 To 2,500, Add	2.27	
		For >2,500 To 4,000, Add	1.18	
		For >8,000 To 15,000, Deduct	-0.46	
		For >15,000 To 25,000, Deduct	-0.58	
		For >25,000, Deduct	-0.82	
03 35 43 00-0003	SF	Mechanically Grind Concrete Floor With 80 Grit Metal Bonded Diamond Wheels	1.56	
		For Up To 500, Add	2.95	
		For >500 To 1,000, Add	2.74	
		For >1,000 To 2,500, Add	1.81	
		For >2,500 To 4,000, Add	0.94	
		For >8,000 To 15,000, Deduct	-0.36	
		For >15,000 To 25,000, Deduct	-0.46	
		For >25,000, Deduct	-0.65	
03 35 43 00-0004	SF	Mechanically Grind Concrete Floor With 100 Grit Resin Bonded Diamond Wheels	1.31	
		For Up To 500, Add	2.46	
		For >500 To 1,000, Add	2.29	
		For >1,000 To 2,500, Add	1.51	
		For >2,500 To 4,000, Add	0.79	
		For >8,000 To 15,000, Deduct	-0.30	
		For >15,000 To 25,000, Deduct	-0.39	
		For >25,000, Deduct	-0.55	
03 35 43 00-0005	SF	Mechanically Grind Concrete Floor With 150 Grit Metal Bonded Diamond Wheels	1.21	
		For Up To 500, Add	2.27	
		For >500 To 1,000, Add	2.11	
		For >1,000 To 2,500, Add	1.39	
		For >2,500 To 4,000, Add	0.73	
		For >8,000 To 15,000, Deduct	-0.28	
		For >15,000 To 25,000, Deduct	-0.36	
		For >25,000, Deduct	-0.50	



		Concrete	03	CS
		Cast-In-Place Concrete	03 30	
		Concrete Finishing	03 35	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 35 43 00-0006	SF		Mechanically Grind Concrete Floor With 200 Grit Resin Bonded Diamond Wheels	1.12	
			For Up To 500, Add	2.10	
			For >500 To 1,000, Add	1.94	
			For >1,000 To 2,500, Add	1.29	
			For >2,500 To 4,000, Add	0.67	
			For >8,000 To 15,000, Deduct	-0.26	
			For >15,000 To 25,000, Deduct	-0.33	
			For >25,000, Deduct	-0.46	
03 35 43 00-0007	SF		Mechanically Grind Concrete Floor With 400 Grit Resin Bonded Diamond Wheels	1.12	
			For Up To 500, Add	2.10	
			For >500 To 1,000, Add	1.94	
			For >1,000 To 2,500, Add	1.29	
			For >2,500 To 4,000, Add	0.67	
			For >8,000 To 15,000, Deduct	-0.26	
			For >15,000 To 25,000, Deduct	-0.33	
			For >25,000, Deduct	-0.46	
03 35 43 00-0008	SF		Mechanically Grind Concrete Floor With 800 Grit Resin Bonded Diamond Wheels	1.12	
			For Up To 500, Add	2.10	
			For >500 To 1,000, Add	1.94	
			For >1,000 To 2,500, Add	1.29	
			For >2,500 To 4,000, Add	0.67	
			For >8,000 To 15,000, Deduct	-0.26	
			For >15,000 To 25,000, Deduct	-0.33	
			For >25,000, Deduct	-0.46	
03 35 43 00-0009	SF		Mechanically Grind Concrete Floor With 1,500 Grit Resin Bonded Diamond Wheels	1.12	
			For Up To 500, Add	2.10	
			For >500 To 1,000, Add	1.94	
			For >1,000 To 2,500, Add	1.29	
			For >2,500 To 4,000, Add	0.67	
			For >8,000 To 15,000, Deduct	-0.26	
			For >15,000 To 25,000, Deduct	-0.33	
			For >25,000, Deduct	-0.46	
03 35 43 00-0010	SF		High Speed Burnish Concrete Floor With Diamond Pads	0.28	
			For Up To 500, Add	0.47	
			For >500 To 1,000, Add	0.43	
			For >1,000 To 2,500, Add	0.29	
			For >2,500 To 4,000, Add	0.15	
			For >8,000 To 15,000, Deduct	-0.06	
			For >15,000 To 25,000, Deduct	-0.07	
			For >25,000, Deduct	-0.10	
03 35 43 00-0011	SF		Apply 1 Coat Of Concrete Densifier For Concrete Floor Polishing	0.52	
			For Up To 500, Add	0.56	
			For >500 To 1,000, Add	0.52	
			For >1,000 To 2,500, Add	0.35	
			For >2,500 To 4,000, Add	0.18	
			For >8,000 To 15,000, Deduct	-0.07	
			For >15,000 To 25,000, Deduct	-0.09	
			For >25,000, Deduct	-0.12	
03 35 43 00-0012	SF		Apply 2 Coats Of Concrete Densifier With Stain Protector For Concrete Floor Polishing	0.90	
			For Up To 500, Add	0.83	
			For >500 To 1,000, Add	0.77	
			For >1,000 To 2,500, Add	0.51	
			For >2,500 To 4,000, Add	0.27	
			For >8,000 To 15,000, Deduct	-0.10	
			For >15,000 To 25,000, Deduct	-0.13	
			For >25,000, Deduct	-0.18	
03 35 43 00-0013	SF		Concrete Floor Polishing Final Clean Up	0.15	
			For Up To 500, Add	0.29	
			For >500 To 1,000, Add	0.27	
			For >1,000 To 2,500, Add	0.18	
			For >2,500 To 4,000, Add	0.09	
			For >8,000 To 15,000, Deduct	-0.04	
			For >15,000 To 25,000, Deduct	-0.05	
			For >25,000, Deduct	-0.06	
03 35 63 Slip-Resistant Floor Finishing (03 35)					
03 35 63 00-0001 Slip-Resistant Floor Finishing (03 35 63)					
03 35 63 00-0002	SF		Aluminum Oxide Abrasive Floor Finish, 0.25 LB/SF	1.63	
			For Up To 100, Add	1.98	
			For >100 To 250, Add	0.50	
			For >250 To 500, Add	0.25	
			For >5,000 To 10,000, Deduct	-0.05	
			For >10,000, Deduct	-0.10	
03 35 63 00-0003	SF		Silicone Carbide Abrasive Floor Finish 0.25 LB/SF	1.33	
			For Up To 100, Add	1.98	
			For >100 To 250, Add	0.50	
			For >250 To 500, Add	0.25	
			For >5,000 To 10,000, Deduct	-0.05	
			For >10,000, Deduct	-0.10	
03 35 66 Acid Etch Floor Finishing (03 35)					
03 35 66 00-0001 Acid Etch Floor (03 35 66)					

03 Concrete**03 30 Cast-In-Place Concrete****03 35 Concrete Finishing**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 35 66 00-0002	SF	Concrete Floor Finishes, Etch With Acid And Rinse	0.92	
		For Up To 100, Add	0.94	
		For >100 To 250, Add	0.24	
		For >250 To 500, Add	0.12	
		For >5,000 To 10,000, Deduct	-0.02	
		For >10,000, Deduct	-0.05	
03 35 83		Concrete Wall Finishing (03 35)		
03 35 83 00-0001		Wall Finishes (03 35 83)		
03 35 83 00-0002	SF	Burlap Rub With Grout, New Concrete Wall Finishes	1.80	
		For Up To 100, Add	3.44	
		For >100 To 250, Add	0.86	
		For >250 To 500, Add	0.43	
		For >5,000 To 10,000, Deduct	-0.09	
		For >10,000, Deduct	-0.17	
03 35 83 00-0003	SF	1/16" Float Finish, New Concrete Wall Finishes	2.70	
		For Up To 100, Add	5.16	
		For >100 To 250, Add	1.29	
		For >250 To 500, Add	0.65	
		For >5,000 To 10,000, Deduct	-0.13	
		For >10,000, Deduct	-0.26	
03 35 83 00-0004	SF	Etch With Acid And Rinse, New Concrete Wall Finishes	1.02	
		For Up To 100, Add	1.14	
		For >100 To 250, Add	0.29	
		For >250 To 500, Add	0.14	
		For >5,000 To 10,000, Deduct	-0.03	
		For >10,000, Deduct	-0.06	
03 35 83 00-0005	SF	Bush Hammer Green Concrete, New Concrete Wall Finishes	5.50	
		For Up To 100, Add	10.92	
		For >100 To 250, Add	2.73	
		For >250 To 500, Add	1.37	
		For >5,000 To 10,000, Deduct	-0.27	
		For >10,000, Deduct	-0.55	
03 35 83 00-0006	SF	Bush Hammer Cured Concrete, New Concrete Wall Finishes	8.52	
		For Up To 100, Add	16.88	
		For >100 To 250, Add	4.22	
		For >250 To 500, Add	2.11	
		For >5,000 To 10,000, Deduct	-0.42	
		For >10,000, Deduct	-0.84	
03 35 83 00-0007	SF	Break Ties And Patch, New Concrete Wall Finishes	1.02	
		For Up To 100, Add	1.84	
		For >100 To 250, Add	0.46	
		For >250 To 500, Add	0.23	
		For >5,000 To 10,000, Deduct	-0.05	
		For >10,000, Deduct	-0.09	
03 35 83 00-0008	SF	Carborundum Dry Rub, New Concrete Wall Finishes	3.54	
		For Up To 100, Add	6.88	
		For >100 To 250, Add	1.72	
		For >250 To 500, Add	0.86	
		For >5,000 To 10,000, Deduct	-0.17	
		For >10,000, Deduct	-0.34	
03 35 83 00-0009	SF	Carborundum Wet Rub, New Concrete Wall Finishes	5.41	
		For Up To 100, Add	10.62	
		For >100 To 250, Add	2.66	
		For >250 To 500, Add	1.33	
		For >5,000 To 10,000, Deduct	-0.27	
		For >10,000, Deduct	-0.53	
03 35 83 00-0010	SF	Up To 1/4" Penetration Abrasive Media Blasting, New Concrete Wall Finishes	5.68	
		Note: 4.5 Lbs of sand or abrasive media material per SF		
		For Up To 100, Add	9.16	
		For >100 To 250, Add	2.29	
		For >250 To 500, Add	1.15	
		For >5,000 To 10,000, Deduct	-0.23	
		For >10,000, Deduct	-0.46	
03 35 83 00-0011	SF	>1/4" To 1/2" Penetration Abrasive Media Blasting, New Concrete Wall Finishes	11.36	
		Note: 9 Lbs of sand abrasive media material per SF		
		For Up To 100, Add	18.34	
		For >100 To 250, Add	4.59	
		For >250 To 500, Add	2.29	
		For >5,000 To 10,000, Deduct	-0.46	
		For >10,000, Deduct	-0.92	
03 37		Specialty Placed Concrete (03 30)		
		Note: Includes gun finish. Not to be used for pumping concrete tasks. See CSI section 03 35 00 00-0000 for finishing.		
03 37 13		Shotcrete (03 37)		
03 37 13 00-0001		Shotcrete, Fiber Reinforced, Structural Repair (03 37 13)		
03 37 13 00-0002	SF	1" Thick Shotcrete, Fiber Reinforced	3.64	
		For Up To 25, Add	0.69	
		For >25 To 50, Add	0.40	
		For >50 To 150, Add	0.16	



		Concrete	03	CS
		Cast-In-Place Concrete	03 30	
		Specialty Placed Concrete	03 37	

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST		UNIT COST
03 37 13 00-0003	SF 2" Thick Shotcrete, Fiber Reinforced	6.83		
	For Up To 25, Add	1.27		
	For >25 To 50, Add	0.74		
	For >50 To 150, Add	0.30		
03 37 13 00-0004	SF 3" Thick Shotcrete, Fiber Reinforced	9.65		
	For Up To 25, Add	1.76		
	For >25 To 50, Add	1.01		
	For >50 To 150, Add	0.40		
03 37 13 00-0005	SF 4" Thick Shotcrete, Fiber Reinforced	12.15		
	For Up To 25, Add	2.17		
	For >25 To 50, Add	1.24		
	For >50 To 150, Add	0.48		
03 37 13 00-0006	SF 6" Thick Shotcrete, Fiber Reinforced	16.43		
	For Up To 25, Add	2.81		
	For >25 To 50, Add	1.60		
	For >50 To 150, Add	0.58		
03 37 13 00-0007	Gunite (Dry Mix Shotcrete), Sprayed (03 37 13) See CSI section 03 22 11 00-0001 for wire mesh reinforcing.			
03 37 13 00-0008	SF 1" Thick Gunite (Dry Mix Shotcrete), Sprayed	4.00		
	For Radius Or Irregular Surface, Add	1.21		
	For Up To 25, Add	0.85		
	For >25 To 50, Add	0.50		
	For >50 To 150, Add	0.23		
03 37 13 00-0009	SF 2" Thick Gunite (Dry Mix Shotcrete), Sprayed	7.39		
	For Radius Or Irregular Surface, Add	2.17		
	For Up To 25, Add	1.55		
	For >25 To 50, Add	0.91		
	For >50 To 150, Add	0.41		
03 37 13 00-0010	SF 3" Thick Gunite (Dry Mix Shotcrete), Sprayed	10.26		
	For Radius Or Irregular Surface, Add	2.92		
	For Up To 25, Add	2.12		
	For >25 To 50, Add	1.24		
	For >50 To 150, Add	0.55		
03 37 13 00-0011	SF 4" Thick Gunite (Dry Mix Shotcrete), Sprayed	12.71		
	For Radius Or Irregular Surface, Add	3.51		
	For Up To 25, Add	2.59		
	For >25 To 50, Add	1.51		
	For >50 To 150, Add	0.66		
03 37 13 00-0012	SF 5" Thick Gunite (Dry Mix Shotcrete), Sprayed	14.78		
	For Radius Or Irregular Surface, Add	3.94		
	For Up To 25, Add	2.96		
	For >25 To 50, Add	1.73		
	For >50 To 150, Add	0.74		
03 37 13 00-0013	SF 6" Thick Gunite (Dry Mix Shotcrete), Sprayed	16.57		
	For Radius Or Irregular Surface, Add	4.26		
	For Up To 25, Add	3.26		
	For >25 To 50, Add	1.89		
	For >50 To 150, Add	0.80		
03 37 13 00-0014	SF 8" Thick Gunite (Dry Mix Shotcrete), Sprayed	20.66		
	For Radius Or Irregular Surface, Add	5.12		
	For Up To 25, Add	3.98		
	For >25 To 50, Add	2.31		
	For >50 To 150, Add	0.96		
03 37 13 00-0015	SF 10" Thick Gunite (Dry Mix Shotcrete), Sprayed	24.22		
	For Radius Or Irregular Surface, Add	5.75		
	For Up To 25, Add	4.58		
	For >25 To 50, Add	2.65		
	For >50 To 150, Add	1.08		
03 37 13 00-0016	SF 12" Thick Gunite (Dry Mix Shotcrete), Sprayed	27.34		
	For Radius Or Irregular Surface, Add	6.21		
	For Up To 25, Add	5.06		
	For >25 To 50, Add	2.92		
	For >50 To 150, Add	1.16		
03 37 16	Pumped Concrete (03 37)			
03 37 16 00-0001	Concrete Pumping With Boom Truck (03 37 16) Note: Includes truck rental, operator, and local travel delivery. For delivery/set-up of equipment add one hour, for clean-up of equipment add one hour. Use four hours as the minimum cost including set-up and clean-up. Excludes concrete, use "Concrete Pump" concrete tasks from appropriate section to place into pump hopper and place concrete. Sizes are measured at a 30 degree vertical reach. See CSI section 03 31 13 00-0010 for concrete placement.			
03 37 16 00-0002	HR 55' To 60' Boom Truck For Concrete Placement (95 CY Per Hour Rating)	255.67		
03 37 16 00-0003	HR 70' To 80' Boom Truck For Concrete Placement (117 CY Per Hour Rating)	277.43		
03 37 16 00-0004	HR 90' To 100' Boom Truck For Concrete Placement (117 CY Per Hour Rating)	356.02		
03 37 16 00-0005	HR 105' To 115' Boom Truck For Concrete Placement (117 CY Per Hour Rating)	404.94		
03 37 16 00-0006	HR 120' To 130' Boom Truck For Concrete Placement (170 CY Per Hour Rating)	455.43		
03 37 16 00-0007	HR 135' To 140' Boom Truck For Concrete Placement (170 CY Per Hour Rating)	562.36		
03 37 16 00-0008	HR 148' To 155' Boom Truck For Concrete Placement (170 CY Per Hour Rating)	626.15		
03 37 16 00-0009	HR 170' To 175' Boom Truck For Concrete Placement (182 CY Per Hour Rating)	780.66		
03 37 16 00-0010	HR 35 CY/HR, 66 HP Trailer Mounted Concrete Pump	180.47		
	Note: Includes hoses			

03 Concrete**03 30 Cast-In-Place Concrete****03 37 Specialty Placed Concrete**MINOR
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION
UNIT COST UNIT COST**03 39 Concrete Curing** (03 30)**03 39 13 Water Concrete Curing** (03 39)**03 39 13 00-0001 Water Concrete Curing** (03 39 13)

03 39 13 00-0002 SF Water Based Curing, Sealing, Hardening And Dustproofing Compound 0.37
 Note: Coverage rates: rough finish = 300 SF/GAL, broom finish = 300 to 400 SF/GAL, steel troweled = 500 to 600 SF/GAL, and vertical surface = 400 - 500 SF/GAL.

03 39 23 Membrane Concrete Curing (03 39)**03 39 23 23 Sheet Membrane Concrete Curing** (03 39 23)**03 39 23 23-0001 Warm Weather Concrete Curing Blankets** (03 39 23 23)

03 39 23 23-0002 CSF Warm Weather Concrete Curing Blankets 33.23

03 39 23 23-0003 Cold Weather Concrete Curing Blankets (03 39 23 23)

03 39 23 23-0004 CSF Electric, Cold Weather Concrete Curing Blanket 309.96
 03 39 23 23-0005 CSF Non-Electric, Cold Weather Concrete Curing Blanket 39.92

03 40 Precast Concrete (03)

Note: Precast concrete material prices are based on a precast operation producing large quantities of precast products. Includes the concrete panel, delivery to construction site and overhead/mobilization charges for the precast plant.

03 41 Precast Structural Concrete (03 40)**03 41 16 Precast Concrete Slabs** (03 41)**03 41 16 00-0001 Flat Floor Slab/Floor Plank** (03 41 16)**03 41 16 00-0002 Erection Costs For Using A 90 Ton Crawler Crane** (03 41 16 00-0001)

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 16 00-0003	EA	Erect Precast Floor Deck, 0-2 Ton/Piece 150' Maximum Radius With 90 Ton Crane.....	362.16	289.75
03 41 16 00-0004	EA	Erect Precast Floor Deck, 2-3 Ton/Piece 121' Maximum Radius With 90 Ton Crane.....	402.59	322.02
03 41 16 00-0005	EA	Erect Precast Floor Deck, 3-4 Ton/Piece 105' Maximum Radius With 90 Ton Crane.....	427.50	341.97
03 41 16 00-0006	EA	Erect Precast Floor Deck, 4-5 Ton/Piece 88' Maximum Radius With 90 Ton Crane.....	453.19	362.58
03 41 16 00-0007	EA	Erect Precast Floor Deck, 5-6 Ton/Piece 82' Maximum Radius With 90 Ton Crane.....	484.99	387.97
03 41 16 00-0008	EA	Erect Precast Floor Deck, 6-7 Ton/Piece 75' Maximum Radius With 90 Ton Crane.....	518.33	414.67
03 41 16 00-0009	EA	Erect Precast Floor Deck, 7-8 Ton/Piece 70' Maximum Radius With 90 Ton Crane.....	556.60	445.25
03 41 16 00-0010	EA	Erect Precast Floor Deck, 8-9 Ton/Piece 65' Maximum Radius With 90 Ton Crane.....	605.36	484.26
03 41 16 00-0011	EA	Erect Precast Floor Deck, 9-10 Ton/Piece 60' Maximum Radius With 90 Ton Crane.....	658.20	526.63

03 41 16 00-0012 Material Cost (03 41 16 00-0001)

Note: Includes cost for 3000 PSI concrete, reinforcing steel, imbedded items, formwork and precast plant operations cost.

03 41 16 00-0013	SF	4" Thick 3,000 PSI Concrete, Precast Floor Slab Or Plank, Ready To Erect.....	31.32	
		For 3,500 PSI Concrete, Add	0.63	
		For 4,000 PSI Concrete, Add	0.94	
		For 4,500 PSI Concrete, Add	1.25	
		For 5,000 PSI Concrete, Add	1.88	
03 41 16 00-0014	SF	5" Thick 3,000 PSI Concrete, Precast Floor Slab Or Plank, Ready To Erect.....	37.59	
		For 3,500 PSI Concrete, Add	0.75	
		For 4,000 PSI Concrete, Add	1.13	
		For 4,500 PSI Concrete, Add	1.50	
		For 5,000 PSI Concrete, Add	2.26	
03 41 16 00-0015	SF	6" Thick 3,000 PSI Concrete, Precast Floor Slab Or Plank, Ready To Erect.....	45.94	
		For 3,500 PSI Concrete, Add	0.92	
		For 4,000 PSI Concrete, Add	1.38	
		For 4,500 PSI Concrete, Add	1.84	
		For 5,000 PSI Concrete, Add	2.76	
03 41 16 00-0016	SF	8" Thick 3,000 PSI Concrete, Precast Floor Slab Or Plank, Ready To Erect.....	60.98	
		For 3,500 PSI Concrete, Add	1.22	
		For 4,000 PSI Concrete, Add	1.83	
		For 4,500 PSI Concrete, Add	2.44	
		For 5,000 PSI Concrete, Add	3.66	

03 41 16 00-0017 Floor Units, Combination Beam And Slab (03 41 16)**03 41 16 00-0018 Erection Costs For Using 90 Ton Crawler Crane** (03 41 16 00-0017)

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 16 00-0019	EA	Erect Precast Comb Deck, 0-5 Ton/Piece Beam And Slab, 88' Maximum Radius With 90 Ton Crane	444.64	355.70
03 41 16 00-0020	EA	Erect Precast Comb Deck, 5-10 Ton/Piece Beam And Slab, 60' Maximum Radius With 90 Ton Crane	484.63	387.75
03 41 16 00-0021	EA	Erect Precast Comb Deck, 10-15 Ton/Piece Beam And Slab, 43' Maximum Radius With 90 Ton Crane	535.65	428.47
03 41 16 00-0022	EA	Erect Precast Comb Deck, 15-20 Ton/Piece Beam And Slab, 36' Maximum Radius With 90 Ton Crane	594.78	475.80
03 41 16 00-0023	EA	Erect Precast Comb Deck, 20-25 Ton/Piece Beam And Slab, 31' Maximum Radius With 90 Ton Crane	668.59	534.82



	Concrete	03	
	Precast Concrete	03 40	
	Precast Structural Concrete	03 41	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

03 41 16 00-0024	Erection Costs Using A 125 Ton Crawler Crane (03 41 16 00-0017) Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.	
03 41 16 00-0025 EA	Erect Precast Comb Deck, 0-5 Ton/Piece Beam And Slab, 110' Maximum Radius, 125 Ton Crane	562.59 450.11
03 41 16 00-0026 EA	Erect Precast Comb Deck, 5-10 Ton/Piece Beam And Slab, 75' Maximum Radius, 125 Ton Crane	613.20 490.52
03 41 16 00-0027 EA	Erect Precast Comb Deck, 10-15 Ton/Piece Beam And Slab, 55' Maximum Radius, 125 Ton Crane	677.74 542.24
03 41 16 00-0028 EA	Erect Precast Comb Deck, 15-20 Ton/Piece Beam And Slab, 50' Maximum Radius, 125 Ton Crane	752.56 602.07
03 41 16 00-0029 EA	Erect Precast Comb Deck, 20-25 Ton/Piece Beam And Slab, 40' Maximum Radius, 125 Ton Crane	845.94 676.83
03 41 16 00-0030 EA	Erect Precast Comb Deck, 20-25 Ton/Piece Beam And Slab, 33' Maximum Radius, 125 Ton Crane	919.80 735.79
03 41 16 00-0031 EA	Erect Precast Comb Deck, 20-25 Ton/Piece Beam And Slab, 30' Maximum Radius, 125 Ton Crane	1,016.62 813.29
03 41 16 00-0032 EA	Erect Precast Comb Deck, 20-25 Ton/Piece Beam And Slab, 28' Maximum Radius, 125 Ton Crane	1,125.19 900.21
03 41 16 00-0033 EA	Erect Precast Comb Deck, 20-25 Ton/Piece Beam And Slab, 26' Maximum Radius, 125 Ton Crane	1,273.57 1,018.85

03 41 16 00-0034	Material Cost (03 41 16 00-0017) Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork and precast plant operation.	

03 41 16 00-0035	4" Slab (03 41 16 00-0034)	
03 41 16 00-0036 CY	Precast Combination Deck, 4" Slab With Beams Edge Beam Only, 3,000 PSI Concrete.....	3,299.46
	For 3,500 PSI Concrete, Add	65.99
	For 4,000 PSI Concrete, Add	98.98
	For 4,500 PSI Concrete, Add	131.98
	For 5,000 PSI Concrete, Add	197.97
03 41 16 00-0037 CY	Precast Combination Deck, 4" Slab With Beams Edge Beam + 1 Interim Beam, 3,000 PSI Concrete.....	3,341.22
	For 3,500 PSI Concrete, Add	66.82
	For 4,000 PSI Concrete, Add	100.24
	For 4,500 PSI Concrete, Add	133.65
	For 5,000 PSI Concrete, Add	200.47
03 41 16 00-0038 CY	Precast Combination Deck, 4" Slab With Beams Edge Beam + 2 Interim Beam, 3,000 PSI Concrete.....	3,758.87
	For 3,500 PSI Concrete, Add	75.18
	For 4,000 PSI Concrete, Add	112.77
	For 4,500 PSI Concrete, Add	150.35
	For 5,000 PSI Concrete, Add	225.53

03 41 16 00-0039	5" Slab (03 41 16 00-0034)	
03 41 16 00-0040 CY	Precast Combination Deck, 5" Slab With Beams Edge Beam Only, 3,000 PSI Concrete.....	3,382.99
	For 3,500 PSI Concrete, Add	67.66
	For 4,000 PSI Concrete, Add	101.49
	For 4,500 PSI Concrete, Add	135.32
	For 5,000 PSI Concrete, Add	202.98
03 41 16 00-0041 CY	Precast Combination Deck, 5" Slab With Beams Edge Beam + 1 Interim Beam, 3,000 PSI Concrete.....	3,508.28
	For 3,500 PSI Concrete, Add	70.17
	For 4,000 PSI Concrete, Add	105.25
	For 4,500 PSI Concrete, Add	140.33
	For 5,000 PSI Concrete, Add	210.50
03 41 16 00-0042 CY	Precast Combination Deck, 5" Slab With Beams Edge Beam + 2 Interim Beam, 3,000 PSI Concrete.....	4,468.88
	For 3,500 PSI Concrete, Add	89.38
	For 4,000 PSI Concrete, Add	134.07
	For 4,500 PSI Concrete, Add	178.76
	For 5,000 PSI Concrete, Add	268.13

03 41 16 00-0043	6" Slab (03 41 16 00-0034)	
03 41 16 00-0044 CY	Precast Combination Deck, 6" Slab With Beams Edge Beam Only, 3,000 PSI Concrete.....	3,508.28
	For 3,500 PSI Concrete, Add	70.17
	For 4,000 PSI Concrete, Add	105.25
	For 4,500 PSI Concrete, Add	140.33
	For 5,000 PSI Concrete, Add	210.50
03 41 16 00-0045 CY	Precast Combination Deck, 6" Slab With Beams Edge Beam + 1 Interim Beam, 3,000 PSI Concrete.....	4,176.53
	For 3,500 PSI Concrete, Add	83.53
	For 4,000 PSI Concrete, Add	125.30
	For 4,500 PSI Concrete, Add	167.06
	For 5,000 PSI Concrete, Add	250.59
03 41 16 00-0046 CY	Precast Combination Deck, 6" Slab With Beams Edge Beam + 2 Interim Beam, 3,000 PSI Concrete.....	5,095.36
	For 3,500 PSI Concrete, Add	101.91
	For 4,000 PSI Concrete, Add	152.86
	For 4,500 PSI Concrete, Add	203.81
	For 5,000 PSI Concrete, Add	305.72

03 41 19 Precast Concrete Wall Panels (03 41)

03 41 19 00-0001	Structural Wall Panels (03 41 19) Note: Gray, smooth form or board finish one side.	
03 41 19 00-0002	Erection Cost Using 50 Ton Hydraulic Crane (03 41 19 00-0001) Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking of joints.	
03 41 19 00-0003 EA	Erect Precast Wall Panel 0-1 Ton/Piece 100' Maximum Radius With 50 Ton Crane.....	357.56 286.07
03 41 19 00-0004 EA	Erect Precast Wall Panel 1-3 Ton/Piece 65' Maximum Radius With 50 Ton Crane.....	397.47 317.93
03 41 19 00-0005 EA	Erect Precast Wall Panel 3-5 Ton/Piece 50' Maximum Radius With 50 Ton Crane.....	447.44 357.98

03 Concrete**03 40 Precast Concrete****03 41 Precast Structural Concrete**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 41 19 00-0006 EA Erect Precast Wall Panel 5-7 Ton/Piece 40' Maximum Radius With 50 Ton Crane.....	478.84	383.04
03 41 19 00-0007 EA Erect Precast Wall Panel 7-9 Ton/Piece 33' Maximum Radius With 50 Ton Crane.....	511.75	409.40
03 41 19 00-0008 EA Erect Precast Wall Panel 9-11 Ton/Piece 30' Maximum Radius With 50 Ton Crane.....	549.53	439.59
03 41 19 00-0009 EA Erect Precast Wall Panel 11-13 Ton/Piece 25' Maximum Radius With 50 Ton Crane.....	597.67	478.11
03 41 19 00-0010 EA Erect Precast Wall Panel 13-15 Ton/Piece 23' Maximum Radius With 50 Ton Crane.....	649.84	519.94
03 41 19 00-0011 Erection Cost Using 90 Ton Crawler Crane (03 41 19 00-0001)		
Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking of joints.		
03 41 19 00-0012 EA Erect Precast Wall Panel 0-1 Ton/Piece 180' Maximum Radius With 90 Ton Crane.....	399.99	319.95
03 41 19 00-0013 EA Erect Precast Wall Panel 1-3 Ton/Piece 121' Maximum Radius With 90 Ton Crane.....	444.64	355.70
03 41 19 00-0014 EA Erect Precast Wall Panel 3-5 Ton/Piece 89' Maximum Radius With 90 Ton Crane.....	500.53	400.48
03 41 19 00-0015 EA Erect Precast Wall Panel 5-7 Ton/Piece 75' Maximum Radius With 90 Ton Crane.....	535.65	428.47
03 41 19 00-0016 EA Erect Precast Wall Panel 7-9 Ton/Piece 65' Maximum Radius With 90 Ton Crane.....	572.48	457.98
03 41 19 00-0017 EA Erect Precast Wall Panel 9-11 Ton/Piece 55' Maximum Radius With 90 Ton Crane.....	614.74	491.82
03 41 19 00-0018 EA Erect Precast Wall Panel 11-13 Ton/Piece 50' Maximum Radius With 90 Ton Crane.....	668.59	534.82
03 41 19 00-0019 EA Erect Precast Wall Panel 13-15 Ton/Piece 43' Maximum Radius With 90 Ton Crane.....	728.95	581.51
03 41 19 00-0020 EA Erect Precast Wall Panel 15-20 Ton/Piece 36' Maximum Radius With 90 Ton Crane.....	803.47	642.83
03 41 19 00-0021 EA Erect Precast Wall Panel 20-25 Ton/Piece 31' Maximum Radius With 90 Ton Crane.....	889.29	711.39
03 41 19 00-0022 EA Erect Precast Wall Panel 25-30 Ton/Piece 26' Maximum Radius With 90 Ton Crane.....	1,006.55	805.28
03 41 19 00-0023 EA Erect Precast Wall Panel 30-35 Ton/Piece 25' Maximum Radius With 90 Ton Crane.....	1,144.95	915.96
03 41 19 00-0024 EA Erect Precast Wall Panel 35-40 Ton/Piece 23' Maximum Radius With 90 Ton Crane.....	1,327.49	1,062.01
03 41 19 00-0025 Material Cost (03 41 19 00-0001)		
Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork and precast plant operations.		
03 41 19 00-0026 SF 4" Thick 3,000 PSI Concrete, Precast Wall Panel, Ready To Erect.....	41.76	
For 3,500 PSI Concrete, Add	0.84	
For 4,000 PSI Concrete, Add	1.25	
For 4,500 PSI Concrete, Add	1.67	
For 5,000 PSI Concrete, Add	2.51	
For White Facing, Add	8.35	
For Solid White Through Thickness, Add	8.35	
For Broken Rib Finish, Add	4.18	
For Fluted Surface, Add	4.18	
For Exposed Aggregate, Add	8.35	
For Sandblasting Of Surface, Add	4.18	
For 2" Polystyrene Insulation, Add	1.81	
03 41 19 00-0027 SF 5" Thick 3,000 PSI Concrete, Precast Wall Panel, Ready To Erect.....	51.37	
For 3,500 PSI Concrete, Add	1.03	
For 4,000 PSI Concrete, Add	1.54	
For 4,500 PSI Concrete, Add	2.05	
For 5,000 PSI Concrete, Add	3.08	
For White Facing, Add	10.27	
For Solid White Through Thickness, Add	10.27	
For Broken Rib Finish, Add	5.14	
For Fluted Surface, Add	5.14	
For Exposed Aggregate, Add	10.27	
For Sandblasting Of Surface, Add	5.14	
For 2" Polystyrene Insulation, Add	1.81	
03 41 19 00-0028 SF 6" Thick 3,000 PSI Concrete, Precast Wall Panel, Ready To Erect.....	61.81	
For 3,500 PSI Concrete, Add	1.24	
For 4,000 PSI Concrete, Add	1.85	
For 4,500 PSI Concrete, Add	2.47	
For 5,000 PSI Concrete, Add	3.71	
For White Facing, Add	12.36	
For Solid White Through Thickness, Add	12.36	
For Broken Rib Finish, Add	6.18	
For Fluted Surface, Add	6.18	
For Exposed Aggregate, Add	12.36	
For Sandblasting Of Surface, Add	6.18	
For 2" Polystyrene Insulation, Add	1.81	
03 41 19 00-0029 SF 8" Thick 3,000 PSI Concrete, Precast Wall Panel, Ready To Erect.....	81.44	
For 3,500 PSI Concrete, Add	1.63	
For 4,000 PSI Concrete, Add	2.44	
For 4,500 PSI Concrete, Add	3.26	
For 5,000 PSI Concrete, Add	4.89	
For White Facing, Add	16.29	
For Solid White Through Thickness, Add	16.29	
For Broken Rib Finish, Add	8.14	
For Fluted Surface, Add	8.14	
For Exposed Aggregate, Add	16.29	
For Sandblasting Of Surface, Add	8.14	
For 2" Polystyrene Insulation, Add	1.81	
03 41 19 00-0030 Partition Panels (03 41 19)		
03 41 19 00-0031 Erection Costs Using 20 Ton Hydraulic Crane (03 41 19 00-0030)		
Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.		
03 41 19 00-0032 EA Erect Precast Partition Wall 0-1 Ton/Piece 69' Maximum Radius With 20 Ton Crane.....	283.60	226.84
03 41 19 00-0033 EA Erect Precast Partition Wall 1-2 Ton/Piece 50' Maximum Radius With 20 Ton Crane.....	315.27	252.25



	Concrete	03	CS
	Precast Concrete	03 40	
	Precast Structural Concrete	03 41	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

03 41 19 00-0034	EA	Erect Precast Partition Wall 2-3 Ton/Piece 41' Maximum Radius With 20 Ton Crane.....	354.89	283.90
03 41 19 00-0035	EA	Erect Precast Partition Wall 3-4 Ton/Piece 33' Maximum Radius With 20 Ton Crane.....	405.90	324.72
03 41 19 00-0036	EA	Erect Precast Partition Wall 4-5 Ton/Piece 30' Maximum Radius With 20 Ton Crane.....	435.88	348.73
03 41 19 00-0037	EA	Erect Precast Partition Wall 5-6 Ton/Piece 26' Maximum Radius With 20 Ton Crane.....	474.06	379.23
03 41 19 00-0038	EA	Erect Precast Partition Wall 6-7 Ton/Piece 23' Maximum Radius With 20 Ton Crane.....	515.43	412.40
03 41 19 00-0039	EA	Erect Precast Partition Wall 7-8 Ton/Piece 20' Maximum Radius With 20 Ton Crane.....	569.69	455.77

03 41 19 00-0040 Erection Costs Using 50 Ton Hydraulic Crane (03 41 19 00-0030)

Note: Includes handling, hoisting in place, alignment, bracing and permanent connections. Excludes grouting or caulking of joints.

03 41 19 00-0041	EA	Erect Precast Partition Wall 0-1 Ton/Piece 100' Maximum Radius With 50 Ton Crane.....	357.56	286.07
03 41 19 00-0042	EA	Erect Precast Partition Wall 1-2 Ton/Piece 82' Maximum Radius With 50 Ton Crane.....	397.47	317.93
03 41 19 00-0043	EA	Erect Precast Partition Wall 2-3 Ton/Piece 65' Maximum Radius With 50 Ton Crane.....	447.44	357.98
03 41 19 00-0044	EA	Erect Precast Partition Wall 3-4 Ton/Piece 57' Maximum Radius With 50 Ton Crane.....	511.75	409.40
03 41 19 00-0045	EA	Erect Precast Partition Wall 4-5 Ton/Piece 50' Maximum Radius With 50 Ton Crane.....	549.53	439.59
03 41 19 00-0046	EA	Erect Precast Partition Wall 5-6 Ton/Piece 44' Maximum Radius With 50 Ton Crane.....	597.67	478.11
03 41 19 00-0047	EA	Erect Precast Partition Wall 6-7 Ton/Piece 40' Maximum Radius With 50 Ton Crane.....	649.84	519.94
03 41 19 00-0048	EA	Erect Precast Partition Wall 7-8 Ton/Piece 36' Maximum Radius With 50 Ton Crane.....	718.25	574.57
03 41 19 00-0049	EA	Erect Precast Partition Wall 8-10 Ton/Piece 31' Maximum Radius With 50 Ton Crane.....	794.96	635.99
03 41 19 00-0050	EA	Erect Precast Partition Wall 10-12 Ton/Piece 26' Maximum Radius With 50 Ton Crane.....	899.79	719.78
03 41 19 00-0051	EA	Erect Precast Partition Wall 12-14 Ton/Piece 25' Maximum Radius With 50 Ton Crane.....	1,023.51	818.80
03 41 19 00-0052	EA	Erect Precast Partition Wall 14-16 Ton/Piece 21' Maximum Radius With 50 Ton Crane.....	1,186.67	949.30

03 41 19 00-0053 Material Cost (03 41 19 00-0030)

Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork and precast plant operations.

03 41 19 00-0054	SF	4" Thick 3,000 PSI Concrete, Precast Partition Wall, Ready To Erect.....	39.68	
		For 4,000 PSI Concrete, Add	1.19	
		For 4,500 PSI Concrete, Add	1.59	
		For 5,000 PSI Concrete, Add	2.38	
		For White Facing, Add	7.94	
		For Solid White Through Thickness, Add	7.94	
		For Broken Rib Finish, Add	3.97	
		For Fluted Surface, Add	3.97	
		For Exposed Aggregate, Add	7.94	
		For Sandblasting Of Surface, Add	3.97	
03 41 19 00-0055	SF	5" Thick 3,000 PSI Concrete, Precast Partition Wall, Ready To Erect.....	48.86	
		For 4,000 PSI Concrete, Add	1.47	
		For 4,500 PSI Concrete, Add	1.95	
		For 5,000 PSI Concrete, Add	2.93	
		For White Facing, Add	9.77	
		For Solid White Through Thickness, Add	9.77	
		For Broken Rib Finish, Add	4.89	
		For Fluted Surface, Add	4.89	
		For Exposed Aggregate, Add	9.77	
		For Sandblasting Of Surface, Add	4.89	
03 41 19 00-0056	SF	6" Thick 3,000 PSI Concrete, Precast Partition Wall, Ready To Erect.....	58.47	
		For 4,000 PSI Concrete, Add	1.75	
		For 4,500 PSI Concrete, Add	2.34	
		For 5,000 PSI Concrete, Add	3.51	
		For White Facing, Add	11.69	
		For Solid White Through Thickness, Add	11.69	
		For Broken Rib Finish, Add	5.85	
		For Fluted Surface, Add	5.85	
		For Exposed Aggregate, Add	11.69	
		For Sandblasting Of Surface, Add	5.85	
03 41 19 00-0057	SF	8" Thick 3,000 PSI Concrete, Precast Partition Wall, Ready To Erect.....	77.27	
		For 4,000 PSI Concrete, Add	2.32	
		For 4,500 PSI Concrete, Add	3.09	
		For 5,000 PSI Concrete, Add	4.64	
		For White Facing, Add	15.45	
		For Solid White Through Thickness, Add	15.45	
		For Broken Rib Finish, Add	7.73	
		For Fluted Surface, Add	7.73	
		For Exposed Aggregate, Add	15.45	
		For Sandblasting Of Surface, Add	7.73	

03 41 19 00-0058 Cladding Panels (03 41 19)

03 41 19 00-0059 Erection Costs Using 50 Ton Hydraulic Crane (03 41 19 00-0058)

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 19 00-0060	EA	Erect Precast Cladding 0-1 Ton/Piece 100' Maximum Radius With 50 Ton Crane.....	377.32	301.80
03 41 19 00-0061	EA	Erect Precast Cladding 1-3 Ton/Piece 65' Maximum Radius With 50 Ton Crane.....	422.07	337.63
03 41 19 00-0062	EA	Erect Precast Cladding 3-5 Ton/Piece 50' Maximum Radius With 50 Ton Crane.....	478.84	383.04
03 41 19 00-0063	EA	Erect Precast Cladding 5-7 Ton/Piece 40' Maximum Radius With 50 Ton Crane.....	511.75	409.40
03 41 19 00-0064	EA	Erect Precast Cladding 7-9 Ton/Piece 33' Maximum Radius With 50 Ton Crane.....	549.53	439.59
03 41 19 00-0065	EA	Erect Precast Cladding 9-11 Ton/Piece 30' Maximum Radius With 50 Ton Crane.....	597.67	478.11
03 41 19 00-0066	EA	Erect Precast Cladding 11-13 Ton/Piece 25' Maximum Radius With 50 Ton Crane.....	649.84	519.94
03 41 19 00-0067	EA	Erect Precast Cladding 13-15 Ton/Piece 23' Maximum Radius With 50 Ton Crane.....	718.25	574.57

03 Concrete**03 40 Precast Concrete****03 41 Precast Structural Concrete**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

03 41 19 00-0068**Erection Costs Using 90 Ton Crawler Crane** (03 41 19 00-0058)

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 19 00-0069	EA	Erect Precast Cladding 0-1 Ton/Piece 180' Maximum Radius With 90 Ton Crane.....	422.11	337.63
03 41 19 00-0070	EA	Erect Precast Cladding 1-3 Ton/Piece 121' Maximum Radius With 90 Ton Crane.....	472.14	377.71
03 41 19 00-0071	EA	Erect Precast Cladding 3-5 Ton/Piece 89' Maximum Radius With 90 Ton Crane.....	535.65	428.47
03 41 19 00-0072	EA	Erect Precast Cladding 5-7 Ton/Piece 75' Maximum Radius With 90 Ton Crane.....	572.48	457.98
03 41 19 00-0073	EA	Erect Precast Cladding 7-9 Ton/Piece 65' Maximum Radius With 90 Ton Crane.....	614.74	491.82
03 41 19 00-0074	EA	Erect Precast Cladding 9-11 Ton/Piece 55' Maximum Radius With 90 Ton Crane.....	668.59	534.82
03 41 19 00-0075	EA	Erect Precast Cladding 11-13 Ton/Piece 90' Maximum Radius With 90 Ton Crane.....	726.95	581.51
03 41 19 00-0076	EA	Erect Precast Cladding 13-15 Ton/Piece 43' Maximum Radius With 90 Ton Crane.....	803.47	642.83
03 41 19 00-0077	EA	Erect Precast Cladding 15-20 Ton/Piece 36' Maximum Radius With 90 Ton Crane.....	889.29	711.39
03 41 19 00-0078	EA	Erect Precast Cladding 20-25 Ton/Piece 31' Maximum Radius With 90 Ton Crane.....	1,006.55	805.28
03 41 19 00-0079	EA	Erect Precast Cladding 25-30 Ton/Piece 26' Maximum Radius With 90 Ton Crane.....	1,144.95	915.96
03 41 19 00-0080	EA	Erect Precast Cladding 30-35 Ton/Piece 25' Maximum Radius With 90 Ton Crane.....	1,327.49	1,062.01

03 41 19 00-0081**Material Cost** (03 41 19 00-0058)

Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork, and precast plant operations.

03 41 19 00-0082	SF	4" Thick 3,000 PSI Concrete, Precast Cladding Panel, Ready To Erect.....	39.68	
		For 3,500 PSI Concrete, Add	0.79	
		For 4,000 PSI Concrete, Add	1.19	
		For 4,500 PSI Concrete, Add	1.59	
		For 5,000 PSI Concrete, Add	2.38	
		For White Facing, Add	7.94	
		For Solid White Through Thickness, Add	7.94	
		For Broken Rib Finish, Add	3.97	
		For Fluted Surface, Add	3.97	
		For Exposed Aggregate, Add	7.94	
		For Sandblasting Of Surface, Add	3.97	
03 41 19 00-0083	SF	5" Thick 3,000 PSI Concrete, Precast Cladding Panel, Ready To Erect.....	48.86	
		For 3,500 PSI Concrete, Add	0.98	
		For 4,000 PSI Concrete, Add	1.47	
		For 4,500 PSI Concrete, Add	1.95	
		For 5,000 PSI Concrete, Add	2.93	
		For White Facing, Add	9.77	
		For Solid White Through Thickness, Add	9.77	
		For Broken Rib Finish, Add	4.89	
		For Fluted Surface, Add	4.89	
		For Exposed Aggregate, Add	9.77	
		For Sandblasting Of Surface, Add	4.89	
03 41 19 00-0084	SF	6" Thick 3,000 PSI Concrete, Precast Cladding Panel, Ready To Erect.....	58.47	
		For 3,500 PSI Concrete, Add	1.17	
		For 4,000 PSI Concrete, Add	1.75	
		For 4,500 PSI Concrete, Add	2.34	
		For 5,000 PSI Concrete, Add	3.51	
		For White Facing, Add	11.69	
		For Solid White Through Thickness, Add	11.69	
		For Broken Rib Finish, Add	5.85	
		For Fluted Surface, Add	5.85	
		For Exposed Aggregate, Add	11.69	
		For Sandblasting Of Surface, Add	5.85	
03 41 19 00-0085	SF	8" Thick 3,000 PSI Concrete, Precast Cladding Panel, Ready To Erect.....	77.27	
		For 3,500 PSI Concrete, Add	1.55	
		For 4,000 PSI Concrete, Add	2.32	
		For 4,500 PSI Concrete, Add	3.09	
		For 5,000 PSI Concrete, Add	4.64	
		For White Facing, Add	15.45	
		For Solid White Through Thickness, Add	15.45	
		For Broken Rib Finish, Add	7.73	
		For Fluted Surface, Add	7.73	
		For Exposed Aggregate, Add	15.45	
		For Sandblasting Of Surface, Add	7.73	

03 41 19 00-0086**Sandwich Panel** (03 41 19)**03 41 19 00-0087****Erection Costs Using 50 Ton Hydraulic Crane** (03 41 19 00-0086)

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 19 00-0088	EA	Erect Precast Sandwich Panel 0-1 Ton/Piece 100' Maximum Radius With 50 Ton Crane.....	377.32	301.80
03 41 19 00-0089	EA	Erect Precast Sandwich Panel 1-3 Ton/Piece 65' Maximum Radius With 50 Ton Crane.....	422.07	337.63
03 41 19 00-0090	EA	Erect Precast Sandwich Panel 3-5 Ton/Piece 50' Maximum Radius With 50 Ton Crane.....	478.84	383.04
03 41 19 00-0091	EA	Erect Precast Sandwich Panel 5-7 Ton/Piece 40' Maximum Radius With 50 Ton Crane.....	511.75	409.40
03 41 19 00-0092	EA	Erect Precast Sandwich Panel 7-9 Ton/Piece 33' Maximum Radius With 50 Ton Crane.....	549.53	439.59
03 41 19 00-0093	EA	Erect Precast Sandwich Panel 9-11 Ton/Piece 30' Maximum Radius With 50 Ton Crane.....	597.67	478.11
03 41 19 00-0094	EA	Erect Precast Sandwich Panel 11-13 Ton/Piece 25' Maximum Radius With 50 Ton Crane.....	649.84	519.94
03 41 19 00-0095	EA	Erect Precast Sandwich Panel 13-15 Ton/Piece 23' Maximum Radius With 50 Ton Crane.....	718.25	574.57

03 41 19 00-0096**Erection Costs Using 90 Ton Crawler Crane** (03 41 19 00-0086)

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.



	Concrete	03	
	Precast Concrete	03 40	
	Precast Structural Concrete	03 41	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 41 19 00-0097 EA Erect Precast Sandwich Panel 0-1 Ton/Piece 180' Maximum Radius With 90 Ton Crane	382.18	305.69
03 41 19 00-0098 EA Erect Precast Sandwich Panel 1-3 Ton/Piece 121' Maximum Radius With 90 Ton Crane	427.50	341.97
03 41 19 00-0099 EA Erect Precast Sandwich Panel 3-5 Ton/Piece 89' Maximum Radius With 90 Ton Crane	484.99	387.97
03 41 19 00-0100 EA Erect Precast Sandwich Panel 5-7 Ton/Piece 75' Maximum Radius With 90 Ton Crane	518.33	414.67
03 41 19 00-0101 EA Erect Precast Sandwich Panel 7-9 Ton/Piece 65' Maximum Radius With 90 Ton Crane	556.60	445.25
03 41 19 00-0102 EA Erect Precast Sandwich Panel 9-11 Ton/Piece 55' Maximum Radius With 90 Ton Crane	605.36	484.26
03 41 19 00-0103 EA Erect Precast Sandwich Panel 11-13 Ton/Piece 50' Maximum Radius With 90 Ton Crane	658.20	526.63
03 41 19 00-0104 EA Erect Precast Sandwich Panel 13-15 Ton/Piece 43' Maximum Radius With 90 Ton Crane	727.49	581.06
03 41 19 00-0105 EA Erect Precast Sandwich Panel 15-20 Ton/Piece 36' Maximum Radius With 90 Ton Crane	805.18	644.17
03 41 19 00-0106 EA Erect Precast Sandwich Panel 20-25 Ton/Piece 31' Maximum Radius With 90 Ton Crane	911.36	729.04
03 41 19 00-0107 EA Erect Precast Sandwich Panel 25-30 Ton/Piece 26' Maximum Radius With 90 Ton Crane	1,036.68	829.33
03 41 19 00-0108 EA Erect Precast Sandwich Panel 30-35 Ton/Piece 25' Maximum Radius With 90 Ton Crane	1,201.94	961.51

03 41 19 00-0109

Material Cost (03 41 19 00-0086)

Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork, and precast plant operations. Sandwich panel consists of 2.5" cladding panel, 2" fiber board insulation and the structural panel as defined.

03 41 19 00-0110 SF 4" Thick 3,000 PSI Concrete, Precast Sandwich Panel, Ready To Erect	54.29	
For 3,500 PSI Concrete, Add	1.09	
For 4,000 PSI Concrete, Add	1.63	
For 4,500 PSI Concrete, Add	2.17	
For 5,000 PSI Concrete, Add	3.26	
For White Facing, Add	10.86	
For Solid White Through Thickness, Add	10.86	
For Broken Rib Finish, Add	5.43	
For Fluted Surface, Add	5.43	
For Exposed Aggregate, Add	10.86	
For Sandblasting Of Surface, Add	5.43	
03 41 19 00-0111 SF 5" Thick 3,000 PSI Concrete, Precast Sandwich Panel, Ready To Erect	63.90	
For 3,500 PSI Concrete, Add	1.28	
For 4,000 PSI Concrete, Add	1.92	
For 4,500 PSI Concrete, Add	2.56	
For 5,000 PSI Concrete, Add	3.83	
For White Facing, Add	12.78	
For Solid White Through Thickness, Add	12.78	
For Broken Rib Finish, Add	6.39	
For Fluted Surface, Add	6.39	
For Exposed Aggregate, Add	12.78	
For Sandblasting Of Surface, Add	6.39	
03 41 19 00-0112 SF 6" Thick 3,000 PSI Concrete, Precast Sandwich Panel, Ready To Erect	74.34	
For 3,500 PSI Concrete, Add	1.49	
For 4,000 PSI Concrete, Add	2.23	
For 4,500 PSI Concrete, Add	2.97	
For 5,000 PSI Concrete, Add	4.46	
For White Facing, Add	14.87	
For Solid White Through Thickness, Add	14.87	
For Broken Rib Finish, Add	7.43	
For Fluted Surface, Add	7.43	
For Exposed Aggregate, Add	14.87	
For Sandblasting Of Surface, Add	7.43	
03 41 19 00-0113 SF 8" Thick 3,000 PSI Concrete, Precast Sandwich Panel, Ready To Erect	93.97	
For 3,500 PSI Concrete, Add	1.88	
For 4,000 PSI Concrete, Add	2.82	
For 4,500 PSI Concrete, Add	3.76	
For 5,000 PSI Concrete, Add	5.64	
For White Facing, Add	18.79	
For Solid White Through Thickness, Add	18.79	
For Broken Rib Finish, Add	9.40	
For Fluted Surface, Add	9.40	
For Exposed Aggregate, Add	18.79	
For Sandblasting Of Surface, Add	9.40	

03 41 23

Precast Concrete Stairs (03 41)

03 41 23 00-0001

Erection Costs Using A 50 Ton Hydraulic Crane (03 41 23)

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 23 00-0002 EA Erect Precast Stairs, 0-2 Ton/Piece 82' Maximum Radius With 50 Ton Crane	397.47	317.93
03 41 23 00-0003 EA Erect Precast Stairs, 2-3 Ton/Piece 65' Maximum Radius With 50 Ton Crane	422.07	337.63
03 41 23 00-0004 EA Erect Precast Stairs, 3-4 Ton/Piece 57' Maximum Radius With 50 Ton Crane	447.44	357.98
03 41 23 00-0005 EA Erect Precast Stairs, 4-5 Ton/Piece 50' Maximum Radius With 50 Ton Crane	478.84	383.04
03 41 23 00-0006 EA Erect Precast Stairs, 5-6 Ton/Piece 44' Maximum Radius With 50 Ton Crane	511.75	409.40
03 41 23 00-0007 EA Erect Precast Stairs, 6-7 Ton/Piece 40' Maximum Radius With 50 Ton Crane	549.53	439.59
03 41 23 00-0008 EA Erect Precast Stairs, 7-8 Ton/Piece 36' Maximum Radius With 50 Ton Crane	597.67	478.11
03 41 23 00-0009 EA Erect Precast Stairs, 8-9 Ton/Piece 33' Maximum Radius With 50 Ton Crane	649.84	519.94

03 41 23 00-0010

Erection Costs Using A 90 Ton Crawler Crane (03 41 23)

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 23 00-0011 EA Erect Precast Stairs, 0-2 Ton/Piece 151' Maximum Radius With 90 Ton Crane	397.47	317.93
03 41 23 00-0012 EA Erect Precast Stairs, 2-3 Ton/Piece 121' Maximum Radius With 90 Ton Crane	422.07	337.63
03 41 23 00-0013 EA Erect Precast Stairs, 3-4 Ton/Piece 105' Maximum Radius With 90 Ton Crane	447.44	357.98

03 Concrete**03 40 Precast Concrete****03 41 Precast Structural Concrete**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 41 23 00-0014 EA Erect Precast Stairs, 4-5 Ton/Piece 89' Maximum Radius With 90 Ton Crane.....	478.84	383.04
03 41 23 00-0015 EA Erect Precast Stairs, 5-6 Ton/Piece 82' Maximum Radius With 90 Ton Crane.....	511.75	409.40
03 41 23 00-0016 EA Erect Precast Stairs, 6-7 Ton/Piece 75' Maximum Radius With 90 Ton Crane.....	549.53	439.59
03 41 23 00-0017 EA Erect Precast Stairs, 7-8 Ton/Piece 70' Maximum Radius With 90 Ton Crane.....	597.67	478.11
03 41 23 00-0018 EA Erect Precast Stairs, 8-9 Ton/Piece 65' Maximum Radius With 90 Ton Crane.....	649.84	519.94
03 41 23 00-0019 Material Cost (03 41 23)		
Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork and precast operations.		
03 41 23 00-0020 EA 3' Wide With 10-1/2" Depth Treads Precast Concrete Stair Unit, Per Riser.....	837.02	
For 3,500 PSI Concrete, Add	109.23	
For 4,000 PSI Concrete, Add	205.24	
For 4,500 PSI Concrete, Add	301.66	
For 5,000 PSI Concrete, Add	410.39	
03 41 26 Precast Concrete Structural Sections (03 41)		
03 41 26 00-0001 Precast Beams, Girder And Joists (03 41 26)		
03 41 26 00-0002 Erection Costs Using A 90 Ton Crawler Crane (03 41 26 00-0001)		
Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.		
03 41 26 00-0003 EA Erect Precast Structural Sections, 0-5 Ton/Piece Beam, Girder, Joist; 89' Maximum Radius, 90 Ton Crane	500.53	400.48
03 41 26 00-0004 EA Erect Precast Structural Sections, 5-10 Ton/Piece Beam, Girder, Joist; 60' Maximum Radius, 90 Ton Crane	535.65	428.47
03 41 26 00-0005 EA Erect Precast Structural Sections, 10-15 Ton/Piece Beam, Girder, Joist; 43' Maximum Radius, 90 Ton Crane	572.48	457.98
03 41 26 00-0006 EA Erect Precast Structural Sections, 15-20 Ton/Piece Beam, Girder, Joist; 36' Maximum Radius, 90 Ton Crane	614.74	491.82
03 41 26 00-0007 Erection Costs Using A 125 Ton Crawler Crane (03 41 26 00-0001)		
Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.		
03 41 26 00-0008 EA Erect Precast Structural Sections, 0-5 Ton/Piece Beam, Girder, Joist; 110' Maximum Radius, 125 Ton Crane	633.30	506.60
03 41 26 00-0009 EA Erect Precast Structural Sections, 5-10 Ton/Piece Beam, Girder, Joist; 75' Maximum Radius, 125 Ton Crane	677.74	542.24
03 41 26 00-0010 EA Erect Precast Structural Sections, 10-15 Ton/Piece Beam, Girder, Joist; 55' Maximum Radius, 125 Ton Crane	724.34	579.47
03 41 26 00-0011 EA Erect Precast Structural Sections, 15-20 Ton/Piece Beam, Girder, Joist; 50' Maximum Radius, 125 Ton Crane	777.81	622.21
03 41 26 00-0012 EA Erect Precast Structural Sections, 20-25 Ton/Piece Beam, Girder, Joist; 40' Maximum Radius, 125 Ton Crane	845.94	676.83
03 41 26 00-0013 EA Erect Precast Structural Sections, 25-30 Ton/Piece Beam, Girder, Joist; 33' Maximum Radius, 125 Ton Crane	919.80	735.79
03 41 26 00-0014 EA Erect Precast Structural Sections, 30-35 Ton/Piece Beam, Girder, Joist; 28' Maximum Radius, 125 Ton Crane	1,016.62	813.29
03 41 26 00-0015 EA Erect Precast Structural Sections, 35-40 Ton/Piece Beam, Girder, Joist; 28' Maximum Radius, 125 Ton Crane	1,125.19	900.21
03 41 26 00-0016 Material Cost (03 41 26 00-0001)		
Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork, and precast plant operations.		
03 41 26 00-0017 1,000 LB/LF Live Load (03 41 26 00-0015)		
03 41 26 00-0018 LF Precast Structural Sections, 1,000 LB/LF, 15' Span Live Load, Span, 3,000 PSI.....	167.38	
For 3,500 PSI Concrete, Add	4.57	
For 4,000 PSI Concrete, Add	6.86	
For 4,500 PSI Concrete, Add	9.14	
For 5,000 PSI Concrete, Add	13.73	
03 41 26 00-0019 LF Precast Structural Sections, 1,000 LB/LF, 20' Span Live Load, Span, 3,000 PSI.....	209.22	
For 3,500 PSI Concrete, Add	5.71	
For 4,000 PSI Concrete, Add	8.58	
For 4,500 PSI Concrete, Add	11.42	
For 5,000 PSI Concrete, Add	17.16	
03 41 26 00-0020 LF Precast Structural Sections, 1,000 LB/LF, 30' Span Live Load, Span, 3,000 PSI.....	251.07	
For 3,500 PSI Concrete, Add	6.85	
For 4,000 PSI Concrete, Add	10.29	
For 4,500 PSI Concrete, Add	13.71	
For 5,000 PSI Concrete, Add	20.59	
03 41 26 00-0021 3,000 LB/LF Live Load (03 41 26 00-0016)		
03 41 26 00-0022 LF Precast Structural Sections, 3,000 LB/LF, 15' Span Live Load, Span, 3,000 PSI.....	209.22	
For 3,500 PSI Concrete, Add	5.71	
For 4,000 PSI Concrete, Add	8.58	
For 4,500 PSI Concrete, Add	11.42	
For 5,000 PSI Concrete, Add	17.16	
03 41 26 00-0023 LF Precast Structural Sections, 3,000 LB/LF, 20' Span Live Load, Span, 3,000 PSI.....	251.07	
For 3,500 PSI Concrete, Add	6.85	
For 4,000 PSI Concrete, Add	10.29	
For 4,500 PSI Concrete, Add	13.71	
For 5,000 PSI Concrete, Add	20.59	
03 41 26 00-0024 LF Precast Structural Sections, 3,000 LB/LF, 30' Span Live Load, Span, 3,000 PSI.....	334.76	
For 3,500 PSI Concrete, Add	9.14	
For 4,000 PSI Concrete, Add	13.73	
For 4,500 PSI Concrete, Add	18.28	
For 5,000 PSI Concrete, Add	27.45	
03 41 26 00-0025 5,000 LB/LF Live Load (03 41 26 00-0016)		



	Concrete	03	CS
	Precast Concrete	03 40	
	Precast Structural Concrete	03 41	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 41 26 00-0026 LF Precast Structural Sections, 5,000 LB/LF, 15' Span Live Load, Span, 3,000 PSI..... For 3,500 PSI Concrete, Add For 4,000 PSI Concrete, Add For 4,500 PSI Concrete, Add For 5,000 PSI Concrete, Add	292.91 8.00 12.01 15.99 24.02	
03 41 26 00-0027 LF Precast Structural Sections, 5,000 LB/LF, 20' Span Live Load, Span, 3,000 PSI..... For 3,500 PSI Concrete, Add For 4,000 PSI Concrete, Add For 4,500 PSI Concrete, Add For 5,000 PSI Concrete, Add	334.76 9.14 13.73 18.28 27.45	
03 41 26 00-0028 LF Precast Structural Sections, 5,000 LB/LF, 30' Span Live Load, Span, 3,000 PSI..... For 3,500 PSI Concrete, Add For 4,000 PSI Concrete, Add For 4,500 PSI Concrete, Add For 5,000 PSI Concrete, Add	418.45 11.42 17.16 22.85 34.31	
03 41 26 00-0029 Precast Concrete Columns (03 41 26)		
03 41 26 00-0030 Erection Costs Using A 90 Ton Crawler Crane (03 41 26 00-0029) Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.		
03 41 26 00-0031 EA Erect Precast Concrete Columns, 0-3 Ton/Piece 121' Maximum Radius With 90 Ton Crane	289.98	231.96
03 41 26 00-0032 EA Erect Precast Concrete Columns, 3-5 Ton/Piece 89' Maximum Radius With 90 Ton Crane	308.31	246.60
03 41 26 00-0033 EA Erect Precast Concrete Columns, 5-7 Ton/Piece 75' Maximum Radius With 90 Ton Crane	330.41	264.35
03 41 26 00-0034 EA Erect Precast Concrete Columns, 7-9 Ton/Piece 65' Maximum Radius With 90 Ton Crane	354.41	283.53
03 41 26 00-0035 EA Erect Precast Concrete Columns, 9-11 Ton/Piece 55' Maximum Radius With 90 Ton Crane	382.18	305.69
03 41 26 00-0036 EA Erect Precast Concrete Columns, 11-13 Ton/Piece 50' Maximum Radius With 90 Ton Crane	414.67	331.74
03 41 26 00-0037 EA Erect Precast Concrete Columns, 13-15 Ton/Piece 43' Maximum Radius With 90 Ton Crane	453.19	362.58
03 41 26 00-0038 Material Cost (03 41 26 00-0029) Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork, and precast operations.		
03 41 26 00-0039 12" x 12" Column, Square, Tied (03 41 26 00-0038)		
03 41 26 00-0040 CY 12" x 12" Precast Column, Tied, Average Reinforced 351 LB/CY	866.32	
For 3,500 PSI Concrete, Add	64.97	
For 4,000 PSI Concrete, Add	122.15	
For 4,500 PSI Concrete, Add	180.19	
For 5,000 PSI Concrete, Add	245.17	
03 41 26 00-0041 16" x 16" Column, Square, Tied (03 41 26 00-0038)		
03 41 26 00-0042 CY 16" x 16" Precast Column, Tied, Average Reinforced 368 LB/CY	887.72	
For 3,500 PSI Concrete, Add	66.58	
For 4,000 PSI Concrete, Add	125.17	
For 4,500 PSI Concrete, Add	184.65	
For 5,000 PSI Concrete, Add	251.22	
03 41 26 00-0043 20" x 20" Column, Square, Tied (03 41 26 00-0038)		
03 41 26 00-0044 CY 20" x 20" Precast Column, Tied, Average Reinforced 357 LB/CY	889.43	
For 3,500 PSI Concrete, Add	66.71	
For 4,000 PSI Concrete, Add	125.41	
For 4,500 PSI Concrete, Add	185.00	
For 5,000 PSI Concrete, Add	251.71	
03 41 26 00-0045 24" x 24" Column, Square, Tied (03 41 26 00-0038)		
03 41 26 00-0046 CY 24" x 24" Precast Column, Tied, Average Reinforced 365 LB/CY	889.43	
For 3,500 PSI Concrete, Add	66.71	
For 4,000 PSI Concrete, Add	125.41	
For 4,500 PSI Concrete, Add	185.00	
For 5,000 PSI Concrete, Add	251.71	
03 41 26 00-0047 28" x 28" Column, Square, Tied (03 41 26 00-0038)		
03 41 26 00-0048 CY 28" x 28" Precast Column, Tied, Average Reinforced 347 LB/CY	889.43	
For 3,500 PSI Concrete, Add	66.71	
For 4,000 PSI Concrete, Add	125.41	
For 4,500 PSI Concrete, Add	185.00	
For 5,000 PSI Concrete, Add	251.71	
03 41 26 00-0049 32" x 32" Column, Square, Tied (03 41 26 00-0038)		
03 41 26 00-0050 CY 32" x 32" Precast Column, Tied, Average Reinforced 351 LB/CY	887.72	
For 3,500 PSI Concrete, Add	66.58	
For 4,000 PSI Concrete, Add	125.17	
For 4,500 PSI Concrete, Add	184.65	
For 5,000 PSI Concrete, Add	251.22	
03 41 26 00-0051 36" x 36" Column, Square, Tied (03 41 26 00-0038)		

03 Concrete**03 40 Precast Concrete****03 41 Precast Structural Concrete**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

03 41 26 00-0052	CY	36" x 36" Precast Column, Tied, Average Reinforced 278 LB/CY	889.43	
		For 3,500 PSI Concrete, Add	66.71	
		For 4,000 PSI Concrete, Add	125.41	
		For 4,500 PSI Concrete, Add	185.00	
		For 5,000 PSI Concrete, Add	251.71	

03 41 33 Precast Structural Pretensioned Concrete (03 41)**03 41 33 00-0001 Slabs, Roof And Floor Members (03 41 33)**

03 41 33 00-0002	SF	4" Thick Precast Prestressed Slab, 12-16' Span Roof/Floor	17.77	2.36
03 41 33 00-0003	SF	6" Thick Precast Prestressed Slab, 16-25' Span Roof/Floor	22.13	2.36
03 41 33 00-0004	SF	8" Thick Precast Prestressed Slab, 25-32' Span Roof/Floor	26.50	2.48
03 41 33 00-0005	SF	10" Thick Precast Prestressed Slab, 32-40' Span Roof/Floor	30.88	2.60

03 41 33 00-0006 Tee Members (03 41 33)**03 41 33 00-0007 Multiple Tee, Roof And Floor (03 41 33 00-0006)**

03 41 33 00-0008	SF	Prestressed Multiple Tee, Roof And Floor Members	39.85	3.07

03 41 33 00-0009 Double Tee Wall Member (03 41 33 00-0006)

03 41 33 00-0010	SF	Prestressed Double Tee Wall Members Precast Concrete, <40' Span	56.52	8.38

03 41 33 00-0011 Single Tee, Short Span, Roof Members (03 41 33 00-0006)

03 41 33 00-0012	SF	Prestressed Single Tee, Short Span Roof Precast Concrete Members, <40' Span	46.90	5.08

03 41 33 00-0013 Single Tee, Long Span, Roof Members (03 41 33 00-0006)

03 41 33 00-0014	SF	Prestressed Single Tee, Long Span Roof Precast Concrete Members, <40' Span	56.22	4.37

03 41 33 00-0015 Prestressed Concrete Items (03 41 33)**03 41 33 00-0016 Prestressed Quad Tee (03 41 33 00-0015)**

03 41 33 00-0017	SF	Tees, Prestressed Quad Tee, Short Spans, Roof	28.81	0.95
03 41 33 00-0018	SF	Tees, Prestressed Quad Tee, Short Spans, Floor	30.07	0.95

03 41 33 00-0019 Prestressed Double Tee (03 41 33 00-0015)

03 41 33 00-0020	SF	Tees, Double Tee, Floor Members, 60' Span	47.88	0.82
03 41 33 00-0021	SF	Tees, Double Tee, Floor Members, 80' Span	65.93	0.82
03 41 33 00-0022	SF	Tees, Double Tee, Roof Members, 30' Span	32.70	1.41
03 41 33 00-0023	SF	Tees, Double Tee, Roof Members, 50' Span	50.62	0.95
03 41 33 00-0024	SF	Tees, Double Tee, Wall Members, Up To 55' High	35.44	1.89

03 41 33 00-0025 Prestressed Single Tee (03 41 33 00-0015)

03 41 33 00-0026	SF	Tees, Single Tee Roof Members, 40' Span	56.70	2.12
03 41 33 00-0027	SF	Tees, Single Tee Roof Members, 80' Span	65.64	1.30
03 41 33 00-0028	SF	Tees, Single Tee Roof Members, 100' Span	86.83	1.18
03 41 33 00-0029	SF	Tees, Single Tee Roof Members, 120' Span	91.43	1.18

03 41 33 00-0030 Prestressed Double Tee Floor Members (03 41 33 00-0015)

03 41 33 00-0031	EA	Tees, Double Tees, Floor Members, Lightweight, 20" X 8' Wide, 45'	14,654.10	339.88
03 41 33 00-0032	EA	Tees, Double Tees, Floor Members, Lightweight, 24" X 8' Wide, 50'	15,956.78	377.65
03 41 33 00-0033	EA	Tees, Double Tees, Floor Members, Lightweight, 32" X 10' Wide, 60'	26,687.63	424.85
03 41 33 00-0034	EA	Tees, Double Tees, Floor Members, Standard Weight, 12" X 8' Wide, 25'	5,743.18	309.08
03 41 33 00-0035	EA	Tees, Double Tees, Floor Members, Standard Weight, 16" X 8' Wide, 25'	7,539.50	339.88
03 41 33 00-0036	EA	Tees, Double Tees, Floor Members, Standard Weight, 18" X 8' Wide, 35'	9,632.03	339.88
03 41 33 00-0037	EA	Tees, Double Tees, Floor Members, Standard Weight, 20" X 8' Wide, 45'	10,725.46	377.65
03 41 33 00-0038	EA	Tees, Double Tees, Floor Members, Standard Weight, 24" X 8' Wide, 50'	13,713.94	424.85
03 41 33 00-0039	EA	Tees, Double Tees, Floor Members, Standard Weight, 32" X 10' Wide, 60'	24,671.25	485.74

03 41 33 00-0040 Prestressed Double Tee Roof Members (03 41 33 00-0015)

03 41 33 00-0041	EA	Tees, Double Tees, Roof Members, Lightweight, 20" X 8' Wide, 45'	11,515.31	339.88
03 41 33 00-0042	EA	Tees, Double Tees, Roof Members, Lightweight, 24" X 8' Wide, 50'	15,119.77	377.65
03 41 33 00-0043	EA	Tees, Double Tees, Roof Members, Lightweight, 32" X 10' Wide, 60'	24,804.35	424.85
03 41 33 00-0044	EA	Tees, Double Tees, Roof Members, Standard Weight, 12" X 8' Wide, 30'	7,710.16	309.08
03 41 33 00-0045	EA	Tees, Double Tees, Roof Members, Standard Weight, 16" X 8' Wide, 30'	8,125.41	339.88
03 41 33 00-0046	EA	Tees, Double Tees, Roof Members, Standard Weight, 18" X 8' Wide, 30'	9,004.27	339.88
03 41 33 00-0047	EA	Tees, Double Tees, Roof Members, Standard Weight, 20" X 8' Wide, 40'	9,260.69	377.65
03 41 33 00-0048	EA	Tees, Double Tees, Roof Members, Standard Weight, 24" X 8' Wide, 50'	12,249.17	424.85
03 41 33 00-0049	EA	Tees, Double Tees, Roof Members, Standard Weight, 32" X 10' Wide, 60'	21,113.95	485.74



Concrete		03	CS
Precast Concrete		03 40	
Precast Structural Concrete		03 41	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 41 33 00-0050 Plant Produced Pretensioned Prestressed Concrete Hollow Core Slab (03 41 33)		
03 41 33 00-0051 SF Hollow Core Slab, 4" Slab, 12' - 16' Spans, Plant Produced Pretensioned Prestressed Concrete	30.44	
03 41 33 00-0052 SF Hollow Core Slab, 6" Slab, 16' - 25' Spans, Plant Produced Pretensioned Prestressed Concrete	31.69	
03 41 33 00-0053 SF Hollow Core Slab, 8" Slab, 25' - 30' Spans, Plant Produced Pretensioned Prestressed Concrete	33.17	
03 41 33 00-0054 SF Hollow Core Slab, 10" Slab, 30' - 35' Spans, Plant Produced Pretensioned Prestressed Concrete	34.28	
03 41 33 00-0055 SF Hollow Core Slab, 12" Slab, 35' - 40' Spans, Plant Produced Pretensioned Prestressed Concrete	36.64	
03 41 33 00-0056 Double And Single Tees (03 41 33)		
03 41 33 00-0057 Double And Single Tees With 16" Roof And Floor Loading (03 41 33 00-0056)		
03 41 33 00-0058 SF Double Tee With 16" Roof Loading, 30' Span, Pretensioned Prestressed Concrete	36.80	
03 41 33 00-0059 SF Double Tee With 16" Roof Loading, 40' Span, Pretensioned Prestressed Concrete	35.93	
03 41 33 00-0060 SF Double Tee With 16" Roof Loading, 45' Span, Pretensioned Prestressed Concrete	33.92	
03 41 33 00-0061 SF Double Tee With 16" Floor Loading, 30' Span, Pretensioned Prestressed Concrete	36.80	
03 41 33 00-0062 SF Double Tee With 16" Floor Loading, 40' Span, Pretensioned Prestressed Concrete	36.68	
03 41 33 00-0063 SF Single Tee With 16" Roof Loading, 30' Span, Pretensioned Prestressed Concrete	56.39	
03 41 33 00-0064 SF Single Tee With 16" Roof Loading, 40' Span, Pretensioned Prestressed Concrete	55.14	
03 41 33 00-0065 SF Single Tee With 16" Roof Loading, 45' Span, Pretensioned Prestressed Concrete	51.63	
03 41 33 00-0066 SF Single Tee With 16" Floor Loading, 30' Span, Pretensioned Prestressed Concrete	56.39	
03 41 33 00-0067 SF Single Tee With 16" Floor Loading, 40' Span, Pretensioned Prestressed Concrete	52.88	
03 41 33 00-0068 Double And Single Tees With 24" Roof And Floor Loading (03 41 33 00-0056)		
03 41 33 00-0069 SF Double Tee With 24" Roof Loading, 30' Span, Pretensioned Prestressed Concrete	37.93	
03 41 33 00-0070 SF Double Tee With 24" Roof Loading, 40' Span, Pretensioned Prestressed Concrete	37.06	
03 41 33 00-0071 SF Double Tee With 24" Roof Loading, 45' Span, Pretensioned Prestressed Concrete	35.81	
03 41 33 00-0072 SF Double Tee With 24" Floor Loading, 30' Span, Pretensioned Prestressed Concrete	37.93	
03 41 33 00-0073 SF Double Tee With 24" Floor Loading, 40' Span, Pretensioned Prestressed Concrete	36.68	
03 41 33 00-0074 SF Single Tee With 24" Roof Loading, 30' Span, Pretensioned Prestressed Concrete	57.89	
03 41 33 00-0075 SF Single Tee With 24" Roof Loading, 40' Span, Pretensioned Prestressed Concrete	56.64	
03 41 33 00-0076 SF Single Tee With 24" Roof Loading, 45' Span, Pretensioned Prestressed Concrete	54.64	
03 41 33 00-0077 SF Single Tee With 24" Floor Loading, 30' Span, Pretensioned Prestressed Concrete	57.89	
03 41 33 00-0078 SF Single Tee With 24" Floor Loading, 40' Span, Pretensioned Prestressed Concrete	56.27	
03 41 33 00-0079 Double And Single Tees With 32" Roof And Floor Loading (03 41 33 00-0056)		
03 41 33 00-0080 SF Double Tee With 32" Roof Load, 50' Span, Pretensioned Prestressed Concrete	39.98	
03 41 33 00-0081 SF Double Tee With 32" Roof Load, 60' Span, Pretensioned Prestressed Concrete	38.72	
03 41 33 00-0082 SF Double Tee With 32" Roof Load, 70' Span, Pretensioned Prestressed Concrete	37.47	
03 41 33 00-0083 SF Single Tee With 32" Roof Load, 50' Span, Pretensioned Prestressed Concrete	61.45	
03 41 33 00-0084 SF Single Tee With 32" Roof Load, 60' Span, Pretensioned Prestressed Concrete	59.44	
03 41 33 00-0085 SF Single Tee With 32" Roof Load, 70' Span, Pretensioned Prestressed Concrete	57.06	
03 48 Precast Concrete Specialties (03 40)		
03 48 16 Precast Concrete Splash Blocks (03 48)		
03 48 16 00-0001 Precast Concrete Splash Blocks (03 48 16)		
03 48 16 00-0002 EA Precast Concrete Splash Blocks, 20" x 12" x 3"	40.08	4.37
03 48 21 Precast Concrete Handrails (03 48)		
03 48 21 00-0001 Installation Cost (03 48 21)		
Note: Includes handling, hoisting into place, alignment, and permanent connections. Excludes grouting.		
03 48 21 00-0002 EA Install Precast Handrails, 0-2 Ton/Handrail	161.86	72.87
03 48 21 00-0003 EA Install Precast Handrails, Over 2 Ton/Handrail	194.12	87.32
03 48 21 00-0004 Material Cost (03 48 21)		
Note: Includes 3000 PSI concrete, imbedded items, formwork and precast operations.		
03 48 21 00-0005 CY 4" Thick 3,000 PSI Concrete Precast Concrete Handrail	3,306.31	
For 3,500 PSI Concrete, Add	215.74	
For 4,000 PSI Concrete, Add	405.35	
For 4,500 PSI Concrete, Add	595.80	
For 5,000 PSI Concrete, Add	810.54	
03 48 21 00-0006 CY 5" Thick 3,000 PSI Concrete Precast Concrete Handrail	3,431.86	
For 3,500 PSI Concrete, Add	223.93	
For 4,000 PSI Concrete, Add	420.75	
For 4,500 PSI Concrete, Add	618.42	
For 5,000 PSI Concrete, Add	841.32	
03 48 21 00-0007 CY 6" Thick 3,000 PSI Concrete Precast Concrete Handrail	3,557.42	
For 3,500 PSI Concrete, Add	232.12	
For 4,000 PSI Concrete, Add	436.14	
For 4,500 PSI Concrete, Add	641.05	
For 5,000 PSI Concrete, Add	872.10	

03 Concrete**03 40 Precast Concrete****03 48 Precast Concrete Specialties**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

03 48 21 00-0008	CY	8" Thick 3,000 PSI Concrete Precast Concrete Handrail	3,724.83	
		For 3,500 PSI Concrete, Add	243.05	
		For 4,000 PSI Concrete, Add	456.66	
		For 4,500 PSI Concrete, Add	671.21	
		For 5,000 PSI Concrete, Add	913.14	

03 48 22 Precast Concrete Sun Screen and Trellis (03 48)**03 48 22 00-0001 Sun Screen Blades (03 48 22)****03 48 22 00-0002 Installation Cost (03 48 22 00-0001)**

Note: Includes handling, hoisting into place, alignment, bracing, and permanent connections.

03 48 22 00-0003	EA	Install Precast Sun Screen Blade, 0-1 Ton/Each	80.93	36.43
03 48 22 00-0004	EA	Install Precast Sun Screen Blade, 1-2 Ton/Each	97.23	43.72
03 48 22 00-0005	EA	Install Precast Sun Screen Blade, 2-3 Ton/Each	121.49	54.71

03 48 22 00-0006 Material Cost (03 48 22 00-0001)

Note: Includes 3000 PSI concrete, imbedded items, formwork and precast concrete operations.

03 48 22 00-0007	CY	4" Thick 3,000 PSI Concrete Precast Sun Screen Blades	3,515.57	
		For 3,500 PSI Concrete, Add	229.39	
		For 4,000 PSI Concrete, Add	431.01	
		For 4,500 PSI Concrete, Add	633.51	
		For 5,000 PSI Concrete, Add	861.84	
03 48 22 00-0008	CY	5" Thick 3,000 PSI Concrete Precast Sun Screen Blades	3,641.12	
		For 3,500 PSI Concrete, Add	237.58	
		For 4,000 PSI Concrete, Add	446.40	
		For 4,500 PSI Concrete, Add	656.13	
		For 5,000 PSI Concrete, Add	892.62	
03 48 22 00-0009	CY	6" Thick 3,000 PSI Concrete Precast Sun Screen Blades	3,808.53	
		For 3,500 PSI Concrete, Add	248.51	
		For 4,000 PSI Concrete, Add	466.93	
		For 4,500 PSI Concrete, Add	686.30	
		For 5,000 PSI Concrete, Add	933.66	
03 48 22 00-0010	CY	8" Thick 3,000 PSI Concrete Precast Sun Screen Blades	3,975.94	
		For 3,500 PSI Concrete, Add	259.43	
		For 4,000 PSI Concrete, Add	487.45	
		For 4,500 PSI Concrete, Add	716.46	
		For 5,000 PSI Concrete, Add	974.70	

03 48 22 00-0011 Sun Screen/Trellis Units (03 48 22)**03 48 22 00-0012 Installation Cost Using A 50 Ton Hydraulic Crane (03 48 22 00-0011)**

Note: Includes handling, hoisting into place, alignment, bracing and permanent to connections.

03 48 22 00-0013	EA	Install Precast Trellis, 0-1 Tons/Unit 100' Maximum Radius With 50 Ton Crane	377.32	169.77
03 48 22 00-0014	EA	Install Precast Trellis, 1-3 Tons/Unit 65' Maximum Radius With 50 Ton Crane	422.07	189.99
03 48 22 00-0015	EA	Install Precast Trellis, 3-5 Tons/Unit 50' Maximum Radius With 50 Ton Crane	478.84	215.45
03 48 22 00-0016	EA	Install Precast Trellis, 5-7 Tons/Unit 40' Maximum Radius With 50 Ton Crane	511.75	230.29

03 48 22 00-0017 Material Cost (03 48 22 00-0011)

Note: Includes 3000 PSI concrete, imbedded items, formwork and precast concrete operations.

03 48 22 00-0018	CY	4" Thick 3,000 PSI Concrete Precast Trellises Blades	4,059.64	
		For 3,500 PSI Concrete, Add	264.89	
		For 4,000 PSI Concrete, Add	497.71	
		For 4,500 PSI Concrete, Add	731.55	
		For 5,000 PSI Concrete, Add	995.22	
03 48 22 00-0019	CY	5" Thick 3,000 PSI Concrete Precast Trellises Blades	4,185.20	
		For 3,500 PSI Concrete, Add	273.08	
		For 4,000 PSI Concrete, Add	513.11	
		For 4,500 PSI Concrete, Add	754.17	
		For 5,000 PSI Concrete, Add	1,026.00	
03 48 22 00-0020	CY	6" Thick 3,000 PSI Concrete Precast Trellises Blades	4,352.61	
		For 3,500 PSI Concrete, Add	284.01	
		For 4,000 PSI Concrete, Add	533.63	
		For 4,500 PSI Concrete, Add	784.34	
		For 5,000 PSI Concrete, Add	1,067.04	
03 48 22 00-0021	CY	8" Thick 3,000 PSI Concrete Precast Trellises Blades	4,561.87	
		For 3,500 PSI Concrete, Add	297.66	
		For 4,000 PSI Concrete, Add	559.29	
		For 4,500 PSI Concrete, Add	822.05	
		For 5,000 PSI Concrete, Add	1,118.34	

03 48 24 Precast Minaret Segments (03 48)**03 48 24 00-0001 Installation Costs Using A 50 Ton Hydraulic Crane (03 48 24)**

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections.

03 48 24 00-0002 L - Shaped Segments (03 48 24 00-0001)

03 48 24 00-0003	EA	Install Minaret, L-Shape Segment, 0-1 Ton/Each 100' Maximum Radius With 50 Ton Crane	367.18	293.75
03 48 24 00-0004	EA	Install Minaret, L-Shape Segment, 1-3 Ton/Each 65' Maximum Radius With 50 Ton Crane	411.46	329.19
03 48 24 00-0005	EA	Install Minaret, L-Shape Segment, 3-5 Ton/Each 50' Maximum Radius With 50 Ton Crane	465.23	372.17
03 48 24 00-0006	EA	Install Minaret, L-Shape Segment, 5-7 Ton/Each 40' Maximum Radius With 50 Ton Crane	496.24	396.99



	Concrete	03	
	Precast Concrete	03 40	
	Precast Concrete Specialties	03 48	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 48 24 00-0007 O - Shaped Segments (03 48 24 00-0001)		
03 48 24 00-0008 EA Install Minaret, O-Shape Segment, 0-1 Ton/Each 100' Maximum Radius With 50 Ton Crane	388.06	310.51
03 48 24 00-0009 EA Install Minaret, O-Shape Segment, 1-3 Ton/Each 65' Maximum Radius With 50 Ton Crane	435.54	348.38
03 48 24 00-0010 EA Install Minaret, O-Shape Segment, 3-5 Ton/Each 50' Maximum Radius With 50 Ton Crane	493.25	394.56
03 48 24 00-0011 EA Install Minaret, O-Shape Segment, 5-7 Ton/Each 40' Maximum Radius With 50 Ton Crane	528.26	422.58
03 48 24 00-0012 Platform Segment (03 48 24 00-0001)		
03 48 24 00-0013 EA Install Minaret, Platform Segments, 0-1 Ton/Each 100' Maximum Radius With 50 Ton Crane	744.37	595.55
03 48 24 00-0014 EA Install Minaret, Platform Segments, 1-3 Ton/Each 65' Maximum Radius With 50 Ton Crane	899.79	719.78
03 48 24 00-0015 EA Install Minaret, Platform Segments, 3-5 Ton/Each 50' Maximum Radius With 50 Ton Crane	998.54	798.85
03 48 24 00-0016 EA Install Minaret, Platform Segments, 5-7 Ton/Each 40' Maximum Radius With 50 Ton Crane	1,121.65	897.36
03 48 24 00-0017 Cap Segment (03 48 24 00-0001)		
03 48 24 00-0018 EA Install Minaret, Cap Segments, 0-1 Ton/Each 100' Maximum Radius With 50 Ton Crane	407.37	325.86
03 48 24 00-0019 EA Install Minaret, Cap Segments, 1-3 Ton/Each 65' Maximum Radius With 50 Ton Crane	454.90	363.85
03 48 24 00-0020 EA Install Minaret, Cap Segments, 3-5 Ton/Each 50' Maximum Radius With 50 Ton Crane	518.23	414.52
03 48 24 00-0021 EA Install Minaret, Cap Segments, 5-7 Ton/Each 40' Maximum Radius With 50 Ton Crane	553.25	442.53
03 48 24 00-0022 Installation Costs Using A 90 Ton Crawler Crane (03 48 24) Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting and caulking of joints.		
03 48 24 00-0023 L - Shaped Segments (03 48 24 00-0022)		
03 48 24 00-0024 EA Install Minaret, L-Shaped Segments, 0-1 Ton/Each 180' Maximum Radius With 90 Ton Crane	371.90	297.53
03 48 24 00-0025 EA Install Minaret, L-Shaped Segments, 1-3 Ton/Each 135' Maximum Radius With 90 Ton Crane	416.76	333.42
03 48 24 00-0026 EA Install Minaret, L-Shaped Segments, 3-5 Ton/Each 100' Maximum Radius With 90 Ton Crane	471.22	376.96
03 48 24 00-0027 EA Install Minaret, L-Shaped Segments, 5-7 Ton/Each 79' Maximum Radius With 90 Ton Crane	502.62	402.09
03 48 24 00-0028 O - Shaped Segment (03 48 24 00-0022)		
03 48 24 00-0029 EA Install Minaret, O-Shaped Segments, 0-1 Ton/Each 180' Maximum Radius With 90 Ton Crane	393.05	314.50
03 48 24 00-0030 EA Install Minaret, O-Shaped Segments, 1-3 Ton/Each 135' Maximum Radius With 90 Ton Crane	441.14	352.86
03 48 24 00-0031 EA Install Minaret, O-Shaped Segments, 3-5 Ton/Each 100' Maximum Radius With 90 Ton Crane	499.60	399.63
03 48 24 00-0032 EA Install Minaret, O-Shaped Segments, 5-7 Ton/Each 79' Maximum Radius With 90 Ton Crane	535.05	428.01
03 48 24 00-0033 Platform Segment (03 48 24 00-0022)		
03 48 24 00-0034 EA Install Minaret, Platform Segment, 0-1 Ton/Each 180' Maximum Radius With 90 Ton Crane	600.96	480.75
03 48 24 00-0035 EA Install Minaret, Platform Segment, 1-3 Ton/Each 135' Maximum Radius With 90 Ton Crane	727.49	581.96
03 48 24 00-0036 EA Install Minaret, Platform Segment, 3-5 Ton/Each 100' Maximum Radius With 90 Ton Crane	805.18	644.17
03 48 24 00-0037 EA Install Minaret, Platform Segment, 5-7 Ton/Each 79' Maximum Radius With 90 Ton Crane	911.36	729.04
03 48 24 00-0038 Cap Segment (03 48 24 00-0022)		
03 48 24 00-0039 EA Install Minaret, Cap Segment, 0-1 Ton/Each 180' Maximum Radius With 90 Ton Crane	412.61	330.05
03 48 24 00-0040 EA Install Minaret, Cap Segment, 1-3 Ton/Each 135' Maximum Radius With 90 Ton Crane	460.75	368.54
03 48 24 00-0041 EA Install Minaret, Cap Segment, 3-5 Ton/Each 100' Maximum Radius With 90 Ton Crane	524.90	419.86
03 48 24 00-0042 EA Install Minaret, Cap Segment, 5-7 Ton/Each 79' Maximum Radius With 90 Ton Crane	560.37	448.23
03 48 24 00-0043 Material Costs (03 48 24) Note: Includes 3000 PSI concrete, imbedded items, formwork and precast concrete operations.		
03 48 24 00-0044 CY Precast Concrete Minaret, L-Shaped Segments, 3,000 PSI Concrete	10,043.92	
Note: Including Post Tension Cost		
03 48 24 00-0045 CY Precast Concrete Minaret, O-Shaped Segments, 3,000 PSI Concrete	10,043.92	
Note: Including Post Tension Cost		
03 48 24 00-0046 CY Precast Concrete Minaret, Platform Segments, 3,000 PSI Concrete	10,043.92	
Note: Including Post Tension Cost		
03 48 24 00-0047 CY Precast Concrete Minaret, Cap Segments, 3,000 PSI Concrete	10,043.92	
Note: Including Post Tension Cost		
03 48 29 Precast Accessories (03 48) Note: Includes installation labor, material and equipment.		
03 48 29 00-0001 Bearing Pads For Precast Members (03 48 29)		
03 48 29 00-0002 Continuous 2" Wide Strips (03 48 29 00-0001)		
03 48 29 00-0003 LF Bearing Pads, Continuous 2" Wide x 1/8" Thick Strips	1.34	
Note: For precast members		
03 48 29 00-0004 LF Bearing Pads, Continuous 2" Wide x 1/4" Thick Strips	1.82	
Note: For precast members.		
03 48 29 00-0005 LF Bearing Pads, Continuous 2" Wide x 1/2" Thick Strips	2.85	
Note: For precast members		
03 48 29 00-0006 LF Bearing Pads, Continuous 2" Wide x 3/4" Thick Strips	3.93	
Note: For precast members		

03 Concrete**03 40 Precast Concrete****03 48 Precast Concrete Specialties**

MINOR CSI UOM DESCRIPTION			TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 48 29 00-0007	LF	Bearing Pads, Continuous 2" Wide x 1" Thick Strips Note: For precast members	5.05	
03 48 29 00-0008	LF	Bearing Pads, Continuous 2" Wide x 1-1/2" Thick Strips Note: For precast members	7.17	
03 48 29 00-0009		Bearing Pad Pipe Supports (03 48 29)		
03 48 29 00-0010	LF	8" Diameter Precast Balustrade, Decorative Shapes.....	84.40	
03 48 29 00-0011	LF	Precast Rail Cap, <1 SF Cross Section	54.27	
03 48 29 00-0012	LF	4" x 4" Precast Pipe Support.....	10.06	
03 48 46		Precast Skylight Shells (03 48)		
03 48 46 00-0001		Installation Cost Using A 90 Ton Crawler Crane (03 48 46) Note: Includes handling, hoisting into place, alignment, bracing and permanent connections.		
03 48 46 00-0002	EA	Install Precast Skylight Shell, 0-4 Tons/Each Based On 90 Ton Crawler Crane.....	535.65	241.08
03 48 46 00-0003	EA	Install Precast Skylight Shell, 4-6 Tons/Each Based On 90 Ton Crawler Crane.....	594.78	267.66
03 48 46 00-0004	EA	Install Precast Skylight Shell, 6-8 Tons/Each Based On 90 Ton Crawler Crane.....	668.59	300.87
03 48 46 00-0005		Material Cost (03 48 46) Note: Includes 3000 PSI concrete, imbedded items, formwork and precast concrete operations.		
03 48 46 00-0006	CY	3.5" Thick 3,000 PSI Concrete Precast Skylight With 4.4' Radius	4,202.06	
03 48 49		Precast Landings (03 48)		
03 48 49 00-0001	SF	3" Thick Precast Landing	105.72	
03 48 49 00-0002	SF	4" Thick Precast Landing	123.23	
03 48 49 00-0003	SF	5" Thick Precast Landing	140.06	
03 48 49 00-0004	SF	6" Thick Precast Landing	161.48	
03 48 54		Precast Concrete Blocks (03 48)		
03 48 54 00-0001		Precast Interlocking Concrete Blocks (03 48 54) Note: Includes lifting loop		
03 48 54 00-0002	EA	2' x 2' x 2' Precast Interlocking Concrete (Ecology) Block	138.19	46.13
03 48 54 00-0003	EA	2' x 2' x 3' Precast Interlocking Concrete (Ecology) Block	166.28	51.89
03 48 54 00-0004	EA	2' x 2' x 4' Precast Interlocking Concrete (Ecology) Block	194.37	57.66
03 48 54 00-0005	EA	2' x 2' x 6' Precast Interlocking Concrete (Ecology) Block	264.20	63.43
03 48 54 00-0006	EA	2' x 2' x 8' Precast Interlocking Concrete (Ecology) Block	316.75	69.19
03 50		Cast Decks and Underlayment (03)		
03 51		Cast Roof Decks (03 50)		
03 51 13		Cementitious Wood Fiber Decks (03 51)		
03 51 13 00-0001		Cement Fiber Tongue And Groove Planks (03 51 13)		
03 51 13 00-0002	SF	1" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System	3.36	
03 51 13 00-0003	SF	1-1/2" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System	3.48	
03 51 13 00-0004	SF	2" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System	3.65	
03 51 13 00-0005	SF	2-1/2" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System	4.11	
03 51 13 00-0006	SF	3" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System	4.61	
03 51 13 00-0007	SF	3-1/2" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System	5.20	
03 51 13 00-0008	SF	4" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System	5.90	
03 51 16		Gypsum Concrete Roof Decks (03 51)		
03 51 16 00-0001		Class A Gypsum Fill Concrete Deck (03 51 16)		
03 51 16 00-0002	SF	2" Thick Precast Gypsum Fill Concrete Deck, Class A.....	11.62	0.60
03 51 16 00-0003	SF	2-1/2" Thick Precast Gypsum Fill Concrete Deck, Class A.....	14.39	0.71
03 51 16 00-0004	SF	3" Thick Precast Gypsum Fill Concrete Deck, Class A.....	17.19	0.81
03 51 16 00-0005	SF	3-1/2" Thick Precast Gypsum Fill Concrete Deck, Class A.....	20.01	0.91
03 51 16 00-0006	SF	4" Thick Precast Gypsum Fill Concrete Deck, Class A.....	22.85	1.00
03 51 16 00-0007		Form Board For Lightweight Deck (03 51 16)		
03 51 16 00-0008	SF	Gypsum Deck Form Board, 1/2" Drywall For Lightweight Deck	2.55	
03 51 16 00-0009	SF	Gypsum Deck Form Board, 1" Mineral Fiber Board For Lightweight Deck	3.48	
03 51 16 00-0010	SF	Gypsum Deck Form Board, 1-1/2" Mineral Fiber Board For Lightweight Deck	7.45	
03 51 16 00-0011	SF	Gypsum Deck Form Board, 1" Cementitious Fiber Board For Lightweight Deck	2.85	0.61
03 51 16 00-0012	SF	Gypsum Deck Form Board, 1-1/2" Cementitious Fiber Board For Lightweight Deck	3.49	0.61
03 51 16 00-0013	SF	Gypsum Deck Form Board, 1" Glass Fiber Board For Lightweight Deck.....	3.93	0.61
03 51 16 00-0014	SF	Gypsum Deck Form Board, 1-1/2" Glass Fiber Board For Lightweight Deck.....	4.90	0.61
03 51 16 00-0015		Gypsum Plank (03 51 16)		



		Concrete	03	CS
		Cast Decks and Underlayment	03 50	
		Cast Roof Decks	03 51	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

03 51 16 00-0016	SF	2" Thick, Insulating Concrete Gypsum Plank, Roof Deck	3.61	
03 51 16 00-0017	SF	3" Thick, Insulating Concrete Gypsum Plank, Roof Deck	4.68	

03 53 Concrete Topping (03 50)

Note: Installed over new or existing concrete.

03 53 14 Granolithic Concrete Topping (03 53)

03 53 14 00-0001 Granolithic Topping Laid After (03 53 14)

Note: Using 1:1:1-1/2 mix.

03 53 14 00-0002	SF	1/2" Thick Concrete Topping, Granolithic Laid After Finish, 1:1:1-1/2 Mix	4.46	
03 53 14 00-0003	SF	1" Thick Concrete Topping, Granolithic Laid After Finish, 1:1:1-1/2 Mix	4.77	
03 53 14 00-0004	SF	2" Thick Concrete Topping, Granolithic Laid After Finish, 1:1:1-1/2 Mix	5.91	

03 53 19 Concrete Overlayment (03 53)

03 53 19 00-0001 Integral Topping Including Hard Trowel Finish (03 53 19)

Note: Using 1:1:2 mix.

03 53 19 00-0002	SF	3/16" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix	2.64	
03 53 19 00-0003	SF	1/2" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix	2.93	
03 53 19 00-0004	SF	3/4" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix	3.40	
03 53 19 00-0005	SF	1" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix	4.01	
03 53 19 00-0006	SF	2" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix	5.59	
03 53 19 00-0007	SF	2-1/2" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix	4.65	
03 53 19 00-0008	SF	3" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix	5.16	

03 54 Cast Underlayment (03 50)

Note: Includes primer. Excludes sandblasting existing smooth finished concrete surface (where necessary).

03 54 16 Hydraulic Cement Underlayment (03 54)

03 54 16 00-0001 Self Leveling Cementitious Underlayment For Floors (03 54 16)

Note: Includes primer.

03 54 16 00-0002	SF	1/8" Thick Self Leveling Cementitious Underlayment For Floors	1.51	
Note: Including Surface Preparation				
For Up To 100 SF, Add			0.15	
For >100 To 250 SF, Add			0.07	
03 54 16 00-0003	SF	1/4" Thick Self Leveling Cementitious Underlayment For Floors	2.51	
Note: Including Surface Preparation				
For Up To 100 SF, Add			0.15	
For >100 To 250 SF, Add			0.07	
03 54 16 00-0004	SF	3/8" Thick Self Leveling Cementitious Underlayment For Floors	3.18	
Note: Including Surface Preparation				
For Up To 100 SF, Add			0.15	
For >100 To 250 SF, Add			0.07	
03 54 16 00-0005	SF	1/2" Thick Self Leveling Cementitious Underlayment For Floors	4.52	
Note: Including Surface Preparation				
For Up To 100 SF, Add			0.15	
For >100 To 250 SF, Add			0.07	
03 54 16 00-0006	SF	5/8" Thick Self Leveling Cementitious Underlayment For Floors	5.32	
Note: Including Surface Preparation				
For Up To 100 SF, Add			0.15	
For >100 To 250 SF, Add			0.07	
03 54 16 00-0007	SF	3/4" Thick Self Leveling Cementitious Underlayment For Floors	6.56	
Note: Including Surface Preparation				
For Up To 100 SF, Add			0.17	
For >100 To 250 SF, Add			0.08	
03 54 16 00-0008	SF	1" Thick Self Leveling Cementitious Underlayment For Floors	8.56	
Note: Including Surface Preparation				
For Up To 100 SF, Add			0.17	
For >100 To 250 SF, Add			0.08	
03 54 16 00-0009	SF	1-1/4" Thick Self Leveling Cementitious Underlayment For Floors	11.27	
Note: Including Surface Preparation				
For Up To 100 SF, Add			0.19	
For >100 To 250 SF, Add			0.10	
03 54 16 00-0010	SF	1-1/2" Thick Self Leveling Cementitious Underlayment For Floors	12.62	
Note: Including Surface Preparation				
For Up To 100 SF, Add			0.19	
For >100 To 250 SF, Add			0.10	
03 54 16 00-0011	SF	1-3/4" Thick Self Leveling Cementitious Underlayment For Floors	16.72	
Note: Including Surface Preparation				
For Up To 100 SF, Add			0.24	
For >100 To 250 SF, Add			0.12	

03 60 Grouting (03)

03 61 Cementitious Grouting (03 60)

Note: 1 part cement to 3 parts sand by volume.

03 61 16 Cementitious Flowable Grout (03 61)

03	03	Concrete
	03 60	Grouting
	03 61	Cementitious Grouting



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

03 61 16 00-0001		Cementitious Flowable Grout (03 61 16)		
03 61 16 00-0002	CY	Cementitious Flowable Grout.....	421.23	

03 62 Non-Shrink Grouting (03 60)

03 62 13		Non-Metallic Non-Shrink Grouting (03 62)		
03 62 13 00-0001		Fluid Type, Non-Metallic Non-Shrink Grouting For Bases (03 62 13)		
03 62 13 00-0002	SF	1" Deep, Fluid Type, Non-Metallic Non-Shrink Grout For Bases.....	25.23	
03 62 13 00-0003	SF	2" Deep, Fluid Type, Non-Metallic Non-Shrink Grout For Bases.....	36.54	

03 62 13 00-0004		Non-Metallic Non-Shrink Grouting For Bases (03 62 13)		
03 62 13 00-0005	SF	1" Deep, Non-Metallic Non-Shrink Grout For Bases.....	38.28	
03 62 13 00-0006	SF	2" Deep, Non-Metallic Non-Shrink Grout For Bases.....	60.33	

03 62 13 00-0007		Non-Metallic Non-Shrink Grouting For Joints (03 62 13)		
03 62 13 00-0008		1/2" Joint Thickness, Non-Metallic Non-Shrink Grout For Joints (03 62 13 00-0007)		
03 62 13 00-0009	LF	4" Deep x 1/2" Thick, Non-Metallic Non-Shrink Grout For Joints.....	2.15	
03 62 13 00-0010	LF	6" Deep x 1/2" Thick, Non-Metallic Non-Shrink Grout For Joints.....	2.79	
03 62 13 00-0011	LF	8" Deep x 1/2" Thick, Non-Metallic Non-Shrink Grout For Joints.....	3.70	

03 62 13 00-0012		1" Joint Thickness, Non-Metallic Non-Shrink Grout For Joints (03 62 13 00-0007)		
03 62 13 00-0013	LF	4" Deep x 1" Thick, Non-Metallic Non-Shrink Grout For Joints.....	3.11	
03 62 13 00-0014	LF	6" Deep x 1" Thick, Non-Metallic Non-Shrink Grout For Joints.....	4.11	
03 62 13 00-0015	LF	8" Deep x 1" Thick, Non-Metallic Non-Shrink Grout For Joints.....	5.45	

03 62 16 Metallic Non-Shrink Grouting (03 62)

03 62 16 00-0001		Metallic Non-Shrink Grouting For Bases (03 62 16)		
03 62 16 00-0002	SF	1" Deep, Metallic Non-Shrink Grout For Bases.....	33.18	
03 62 16 00-0003	SF	2" Deep, Metallic Non-Shrink Grout For Bases.....	50.45	

03 62 16 00-0004		Metallic Non-Shrink Grouting For Joints (03 62 16)		
03 62 16 00-0005		1/2" Joint Thickness, Metallic Non-Shrink Grout For Joints (03 62 16 00-0004)		
03 62 16 00-0006	LF	4" Deep x 1/2" Thick, Metallic Non-Shrink Grout For Joints.....	1.83	
03 62 16 00-0007	LF	6" Deep x 1/2" Thick, Metallic Non-Shrink Grout For Joints.....	2.31	
03 62 16 00-0008	LF	8" Deep x 1/2" Thick, Metallic Non-Shrink Grout For Joints.....	3.08	

03 62 16 00-0009		1" Joint Thickness, Metallic Non-Shrink Grout For Joints (03 62 16 00-0004)		
03 62 16 00-0010	LF	4" Deep x 1" Thick, Metallic Non-Shrink Grout For Joints.....	2.49	
03 62 16 00-0011	LF	6" Deep x 1" Thick, Metallic Non-Shrink Grout For Joints.....	3.14	
03 62 16 00-0012	LF	8" Deep x 1" Thick, Metallic Non-Shrink Grout For Joints.....	4.19	

03 63 Epoxy Grouting (03 60)

03 63 00 00-0001		Spray On Concrete Epoxy Grout (03 63)		
		Note: (Sika 224) per thickness per coat.		
03 63 00 00-0002	SF	1/4" Thick Coat Spray On Concrete Epoxy Grout.....	4.23	
		For Color, Add.....	1.10	
03 63 00 00-0003	SF	3/8" Thick Coat Spray On Concrete Epoxy Grout.....	5.86	
		For Color, Add.....	1.65	
03 63 00 00-0004	SF	1/2" Thick Coat Spray On Concrete Epoxy Grout.....	7.50	
		For Color, Add.....	2.20	
03 63 00 00-0005	SF	5/8" Thick Coat Spray On Concrete Epoxy Grout.....	8.97	
		For Color, Add.....	2.76	
03 63 00 00-0006	SF	3/4" Thick Coat Spray On Concrete Epoxy Grout.....	10.47	
		For Color, Add.....	3.31	
03 63 00 00-0007	SF	1" Thick Coat Spray On Concrete Epoxy Grout.....	13.54	
		For Color, Add.....	4.42	

03 64 Injection Grouting (03 60)

Note: By volume of void filled. Includes injection ports.

03 64 23 Epoxy Injection Grouting (03 64)

03 64 23 00-0001		Pressure Injected Epoxy Grout (03 64 23)		
03 64 23 00-0002	CF	Pressure Injected Epoxy Grout.....	1,339.53	
		For >4, Deduct.....	-141.43	



		Concrete	03	03
		Grouting	03 60	
		Injection Grouting	03 64	

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST		UNIT COST
03 64 26	Cementitious Injection Grouting (03 64)			
03 64 26 00-0001	Pressure Injected Cementitious Grout (03 64 26)			
03 64 26 00-0002	CF Pressure Injected Cementitious Grout..... For >4, Deduct			236.51 -60.68
03 80	Concrete Cutting and Boring (03)			
03 81	Concrete Cutting (03 80)			
03 81 13	Flat Concrete Sawing (03 81) See CSI section 02 41 19 13-0059 for saw cutting.			
03 81 16	Track Mounted Concrete Wall Sawing (03 81) See CSI section 02 41 19 13-0059 for saw cutting.			
03 82	Concrete Boring (03 80)			
03 82 13	Concrete Core Drilling (03 82) See CSI section 02 41 19 13-0082 for core drilling.			

END OF SECTION 03

03	03	Concrete
	03 80	Concrete Cutting and Boring
	03 82	Concrete Boring



MINOR			TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST		UNIT COST

THIS PAGE INTENTIONALLY LEFT BLANK

NOT FOR BID



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

04 Masonry

04 01 Maintenance of Masonry (04)

04 01 20 Maintenance of Unit Masonry (04 01)

Note: For use on existing brick. Includes clean-up of debris. Excludes disposal.

04 01 20 41 Unit Masonry Stabilization (04 01 20)

04 01 20 41-0001 Masonry Repair (Helifix®) (04 01 20 41)

04 01 20 41-0002 Grouted Ties For Stabilizing Solid Masonry (Helifix® CemTie) (04 01 20 41-0001)

Note: Austenitic stainless steel. For stabilizing solid masonry. Includes drilling, cementitious grout and patching surface.

04 01 20 41-0003 304 Stainless Steel Helical Pin, Grouted Ties For Stabilizing Solid Masonry (Helifix® CemTie) (04 01 20 41-0002)

04 01 20 41-0004 EA 8mm Diameter, 350mm Length, 304 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie) 20.72
For Up To 10, Add 9.10
For >10 To 50, Add 4.55

04 01 20 41-0005 EA 8mm Diameter, 600mm Length, 304 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie) 29.85
For Up To 10, Add 9.10
For >10 To 50, Add 4.55

04 01 20 41-0006 EA 8mm Diameter, 900mm Length, 304 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie) 39.76
For Up To 10, Add 9.10
For >10 To 50, Add 4.55

04 01 20 41-0007 316 Stainless Steel Helical Pin, Grouted Ties For Stabilizing Solid Masonry (Helifix® CemTie) (04 01 20 41-0002)

04 01 20 41-0008 EA 8mm Diameter, 350mm Length, 316 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie) 22.70
For Up To 10, Add 9.10
For >10 To 50, Add 4.55

04 01 20 41-0009 EA 8mm Diameter, 600mm Length, 316 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie) 33.36
For Up To 10, Add 9.10
For >10 To 50, Add 4.55

04 01 20 41-0010 EA 8mm Diameter, 900mm Length, 316 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie) 45.03
For Up To 10, Add 9.10
For >10 To 50, Add 4.55

04 01 20 41-0011 Ties For Stitching Masonry Cracks (Helifix® Helibar) (04 01 20 41-0001)

Note: Austenitic stainless steel. For stabilizing cracked masonry. Includes removing horizontal mortar and re-pointing mortar bed. Includes cementitious grout. Excludes repairing vertical crack.

04 01 20 41-0012 304 Stainless Steel Helical Pin, Ties For Stitching Masonry Cracks (Helifix® Helibar) (04 01 20 41-0011)

04 01 20 41-0013 EA 4.5mm Diameter, 1m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar) 55.48
For Up To 10, Add 36.40
For >10 To 50, Add 18.20

04 01 20 41-0014 EA 4.5mm Diameter, 1.2m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar) 60.67
For Up To 10, Add 36.40
For >10 To 50, Add 18.20

04 01 20 41-0015 EA 4.5mm Diameter, 7m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar) 180.97
For Up To 10, Add 36.40
For >10 To 50, Add 18.20

04 01 20 41-0016 EA 6mm Diameter, 1m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar) 55.48
For Up To 10, Add 36.40
For >10 To 50, Add 18.20

04 01 20 41-0017 EA 6mm Diameter, 1.2m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar) 60.67
For Up To 10, Add 36.40
For >10 To 50, Add 18.20

04 01 20 41-0018 EA 6mm Diameter, 1.5m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar) 66.57
For Up To 10, Add 36.40
For >10 To 50, Add 18.20

04 01 20 41-0019 EA 6mm Diameter, 2m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar) 77.65
For Up To 10, Add 36.40
For >10 To 50, Add 18.20

04 01 20 41-0020 EA 6mm Diameter, 7m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar) 180.97
For Up To 10, Add 36.40
For >10 To 50, Add 18.20

04 Masonry**04 01 Maintenance of Masonry****04 01 20 Maintenance of Unit Masonry**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

**04 01 20 41-0021 316 Stainless Steel Helical Pin, Ties For Stitching Masonry Cracks
(Helifix® Helibar) (04 01 20 41-0011)**

04 01 20 41-0022	EA	4.5mm Diameter, 1m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	58.31
		For Up To 10, Add	36.40
		For >10 To 50, Add	18.20
04 01 20 41-0023	EA	4.5mm Diameter, 1.2m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	64.43
		For Up To 10, Add	36.40
		For >10 To 50, Add	18.20
04 01 20 41-0024	EA	4.5mm Diameter, 7m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	204.49
		For Up To 10, Add	36.40
		For >10 To 50, Add	18.20
04 01 20 41-0025	EA	6mm Diameter, 1m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	58.31
		For Up To 10, Add	36.40
		For >10 To 50, Add	18.20
04 01 20 41-0026	EA	6mm Diameter, 1.2m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	64.43
		For Up To 10, Add	36.40
		For >10 To 50, Add	18.20
04 01 20 41-0027	EA	6mm Diameter, 1.5m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	71.27
		For Up To 10, Add	36.40
		For >10 To 50, Add	18.20
04 01 20 41-0028	EA	6mm Diameter, 2m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	84.24
		For Up To 10, Add	36.40
		For >10 To 50, Add	18.20
04 01 20 41-0029	EA	6mm Diameter, 7m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	204.49
		For Up To 10, Add	36.40
		For >10 To 50, Add	18.20

04 01 20 41-0030 Mechanical Repair Anchors (Helifix® TorkFix) (04 01 20 41-0001)

Note: Austenitic stainless steel. For stabilizing masonry veneer walls to inner wythes of brick, concrete block, wood studs or steel studs. Includes drilling and patching surface.

04 01 20 41-0031 304 Stainless Steel, Mechanical Repair Anchors (Helifix® TorkFix) (04 01 20 41-0030)

04 01 20 41-0032	EA	4-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	10.47
		For Up To 10, Add	5.46
		For >10 To 50, Add	2.73
04 01 20 41-0033	EA	5-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	11.40
		For Up To 10, Add	5.46
		For >10 To 50, Add	2.73
04 01 20 41-0034	EA	6-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	12.33
		For Up To 10, Add	5.46
		For >10 To 50, Add	2.73
04 01 20 41-0035	EA	7-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	13.26
		For Up To 10, Add	5.46
		For >10 To 50, Add	2.73
04 01 20 41-0036	EA	8-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	14.19
		For Up To 10, Add	5.46
		For >10 To 50, Add	2.73
04 01 20 41-0037	EA	9-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	15.11
		For Up To 10, Add	5.46
		For >10 To 50, Add	2.73
04 01 20 41-0038	EA	4-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	10.47
		For Up To 10, Add	5.46
		For >10 To 50, Add	2.73
04 01 20 41-0039	EA	5-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	11.40
		For Up To 10, Add	5.46
		For >10 To 50, Add	2.73
04 01 20 41-0040	EA	6-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	12.33
		For Up To 10, Add	5.46
		For >10 To 50, Add	2.73
04 01 20 41-0041	EA	7-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	13.26
		For Up To 10, Add	5.46
		For >10 To 50, Add	2.73
04 01 20 41-0042	EA	8-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	14.19
		For Up To 10, Add	5.46
		For >10 To 50, Add	2.73
04 01 20 41-0043	EA	10-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	16.04
		For Up To 10, Add	5.46
		For >10 To 50, Add	2.73
04 01 20 41-0044	EA	4-1/2" Length, 304 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix)	10.47
		For Up To 10, Add	5.46
		For >10 To 50, Add	2.73
04 01 20 41-0045	EA	6-1/2" Length, 304 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix)	12.33
		For Up To 10, Add	5.46
		For >10 To 50, Add	2.73
04 01 20 41-0046	EA	8" Length, 304 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix)	13.72
		For Up To 10, Add	5.46
		For >10 To 50, Add	2.73



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 01 20 41-0047			316 Stainless Steel, Mechanical Repair Anchors (Helifix® TorkFix) (04 01 20 41-0030)		
04 01 20 41-0048	EA		4-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....	10.47	
			For Up To 10, Add	5.46	
			For >10 To 50, Add	2.73	
04 01 20 41-0049	EA		5-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....	11.40	
			For Up To 10, Add	5.46	
			For >10 To 50, Add	2.73	
04 01 20 41-0050	EA		6-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....	12.33	
			For Up To 10, Add	5.46	
			For >10 To 50, Add	2.73	
04 01 20 41-0051	EA		7-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....	13.26	
			For Up To 10, Add	5.46	
			For >10 To 50, Add	2.73	
04 01 20 41-0052	EA		8-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....	14.19	
			For Up To 10, Add	5.46	
			For >10 To 50, Add	2.73	
04 01 20 41-0053	EA		9-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....	15.11	
			For Up To 10, Add	5.46	
			For >10 To 50, Add	2.73	
04 01 20 41-0054	EA		4-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....	10.47	
			For Up To 10, Add	5.46	
			For >10 To 50, Add	2.73	
04 01 20 41-0055	EA		5-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....	11.40	
			For Up To 10, Add	5.46	
			For >10 To 50, Add	2.73	
04 01 20 41-0056	EA		6-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....	12.33	
			For Up To 10, Add	5.46	
			For >10 To 50, Add	2.73	
04 01 20 41-0057	EA		7-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....	13.26	
			For Up To 10, Add	5.46	
			For >10 To 50, Add	2.73	
04 01 20 41-0058	EA		8-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....	14.19	
			For Up To 10, Add	5.46	
			For >10 To 50, Add	2.73	
04 01 20 41-0059	EA		10-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....	16.04	
			For Up To 10, Add	5.46	
			For >10 To 50, Add	2.73	
04 01 20 41-0060	EA		4-1/2" Length, 316 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix).....	10.47	
			For Up To 10, Add	5.46	
			For >10 To 50, Add	2.73	
04 01 20 41-0061	EA		6-1/2" Length, 316 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix).....	12.33	
			For Up To 10, Add	5.46	
			For >10 To 50, Add	2.73	
04 01 20 41-0062	EA		8" Length, 316 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix).....	13.72	
			For Up To 10, Add	5.46	
			For >10 To 50, Add	2.73	
04 01 20 41-0063			Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) (04 01 20 41-0001)		
			Note: Austenitic stainless steel. For pinning stucco, terracotta, granite, marble, etc., to concrete block, brick or solid concrete. Includes drilling and patching surface.		
04 01 20 41-0064			304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) (04 01 20 41-0063)		
04 01 20 41-0065	EA		8mm Diameter, 115mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	8.28	
			For Up To 10, Add	5.46	
			For >10 To 50, Add	2.73	
			For Metal Stud Clip, Add	2.31	
04 01 20 41-0066	EA		8mm Diameter, 155mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	8.62	
			For Up To 10, Add	5.46	
			For >10 To 50, Add	2.73	
			For Metal Stud Clip, Add	2.31	
04 01 20 41-0067	EA		8mm Diameter, 170mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	8.68	
			For Up To 10, Add	5.46	
			For >10 To 50, Add	2.73	
			For Metal Stud Clip, Add	2.31	
04 01 20 41-0068	EA		8mm Diameter, 195mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	8.82	
			For Up To 10, Add	5.46	
			For >10 To 50, Add	2.73	
			For Metal Stud Clip, Add	2.31	

04 Masonry**04 01 Maintenance of Masonry****04 01 20 Maintenance of Unit Masonry**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

04 01 20 41-0069	EA	8mm Diameter, 220mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.06	
		For Up To 10, Add	5.46	
		For >10 To 50, Add	2.73	
		For Metal Stud Clip, Add	2.31	
04 01 20 41-0070	EA	8mm Diameter, 245mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.27	
		For Up To 10, Add	5.46	
		For >10 To 50, Add	2.73	
		For Metal Stud Clip, Add	2.31	
04 01 20 41-0071	EA	8mm Diameter, 270mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.37	
		For Up To 10, Add	5.46	
		For >10 To 50, Add	2.73	
		For Metal Stud Clip, Add	2.31	
04 01 20 41-0072	EA	8mm Diameter, 295mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.50	
		For Up To 10, Add	5.46	
		For >10 To 50, Add	2.73	
		For Metal Stud Clip, Add	2.31	
04 01 20 41-0073	EA	8mm Diameter, 325mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.09	
		For Up To 10, Add	5.46	
		For >10 To 50, Add	2.73	
		For Metal Stud Clip, Add	2.31	
04 01 20 41-0074	EA	8mm Diameter, 350mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.18	
		For Up To 10, Add	5.46	
		For >10 To 50, Add	2.73	
		For Metal Stud Clip, Add	2.31	
04 01 20 41-0075	EA	8mm Diameter, 400mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.89	
		For Up To 10, Add	5.46	
		For >10 To 50, Add	2.73	
		For Metal Stud Clip, Add	2.31	
04 01 20 41-0076	EA	8mm Diameter, 450mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	11.50	
		For Up To 10, Add	5.46	
		For >10 To 50, Add	2.73	
		For Metal Stud Clip, Add	2.31	
04 01 20 41-0077	EA	8mm Diameter, 500mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	12.02	
		For Up To 10, Add	5.46	
		For >10 To 50, Add	2.73	
		For Metal Stud Clip, Add	2.31	
04 01 20 41-0078	EA	8mm Diameter, 550mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	13.84	
		For Up To 10, Add	5.46	
		For >10 To 50, Add	2.73	
		For Metal Stud Clip, Add	2.31	
04 01 20 41-0079	EA	8mm Diameter, 600mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	15.46	
		For Up To 10, Add	5.46	
		For >10 To 50, Add	2.73	
		For Metal Stud Clip, Add	2.31	
04 01 20 41-0080	EA	8mm Diameter, 700mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	17.62	
		For Up To 10, Add	5.46	
		For >10 To 50, Add	2.73	
		For Metal Stud Clip, Add	2.31	
04 01 20 41-0081	EA	10mm Diameter, 125mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	8.40	
		For Up To 10, Add	5.46	
		For >10 To 50, Add	2.73	
		For Metal Stud Clip, Add	2.31	
04 01 20 41-0082	EA	10mm Diameter, 155mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	8.76	
		For Up To 10, Add	5.46	
		For >10 To 50, Add	2.73	
		For Metal Stud Clip, Add	2.31	
04 01 20 41-0083	EA	10mm Diameter, 170mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.08	
		For Up To 10, Add	5.46	
		For >10 To 50, Add	2.73	
		For Metal Stud Clip, Add	2.31	
04 01 20 41-0084	EA	10mm Diameter, 195mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.37	
		For Up To 10, Add	5.46	
		For >10 To 50, Add	2.73	
		For Metal Stud Clip, Add	2.31	
04 01 20 41-0085	EA	10mm Diameter, 220mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.56	
		For Up To 10, Add	5.46	
		For >10 To 50, Add	2.73	
		For Metal Stud Clip, Add	2.31	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 01 20 41-0086	EA		10mm Diameter, 245mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	9.69	
			For Up To 10, Add	5.46	
			For >10 To 50, Add	2.73	
			For Metal Stud Clip, Add	2.31	
04 01 20 41-0087	EA		10mm Diameter, 270mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	9.90	
			For Up To 10, Add	5.46	
			For >10 To 50, Add	2.73	
			For Metal Stud Clip, Add	2.31	
04 01 20 41-0088	EA		10mm Diameter, 300mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	9.99	
			For Up To 10, Add	5.46	
			For >10 To 50, Add	2.73	
			For Metal Stud Clip, Add	2.31	
04 01 20 41-0089	EA		10mm Diameter, 350mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	10.41	
			For Up To 10, Add	5.46	
			For >10 To 50, Add	2.73	
			For Metal Stud Clip, Add	2.31	
04 01 20 41-0090	EA		10mm Diameter, 400mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	11.01	
			For Up To 10, Add	5.46	
			For >10 To 50, Add	2.73	
			For Metal Stud Clip, Add	2.31	
04 01 20 41-0091	EA		10mm Diameter, 450mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	11.51	
			For Up To 10, Add	5.46	
			For >10 To 50, Add	2.73	
			For Metal Stud Clip, Add	2.31	
04 01 20 41-0092	EA		10mm Diameter, 500mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	12.15	
			For Up To 10, Add	5.46	
			For >10 To 50, Add	2.73	
			For Metal Stud Clip, Add	2.31	
04 01 20 41-0093	EA		10mm Diameter, 550mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	15.57	
			For Up To 10, Add	5.46	
			For >10 To 50, Add	2.73	
			For Metal Stud Clip, Add	2.31	
04 01 20 41-0094	EA		10mm Diameter, 600mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	17.48	
			For Up To 10, Add	5.46	
			For >10 To 50, Add	2.73	
			For Metal Stud Clip, Add	2.31	
04 01 20 41-0095	EA		10mm Diameter, 700mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	20.45	
			For Up To 10, Add	5.46	
			For >10 To 50, Add	2.73	
			For Metal Stud Clip, Add	2.31	
04 01 20 41-0096	EA		8mm Tapered To 6.5mm Diameter, 155mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric).....	9.18	
			For Up To 10, Add	5.46	
			For >10 To 50, Add	2.73	
			For Metal Stud Clip, Add	2.31	
04 01 20 41-0097	EA		8mm Tapered To 6.5mm Diameter, 170mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric).....	9.39	
			For Up To 10, Add	5.46	
			For >10 To 50, Add	2.73	
			For Metal Stud Clip, Add	2.31	
04 01 20 41-0098	EA		8mm Tapered To 6.5mm Diameter, 185mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric).....	9.53	
			For Up To 10, Add	5.46	
			For >10 To 50, Add	2.73	
			For Metal Stud Clip, Add	2.31	
04 01 20 41-0099	EA		8mm Tapered To 6.5mm Diameter, 195mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric).....	9.63	
			For Up To 10, Add	5.46	
			For >10 To 50, Add	2.73	
			For Metal Stud Clip, Add	2.31	
04 01 20 41-0100	EA		8mm Tapered To 6.5mm Diameter, 220mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric).....	9.93	
			For Up To 10, Add	5.46	
			For >10 To 50, Add	2.73	
			For Metal Stud Clip, Add	2.31	
04 01 20 41-0101	EA		8mm Tapered To 6.5mm Diameter, 245mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric).....	10.40	
			For Up To 10, Add	5.46	
			For >10 To 50, Add	2.73	
			For Metal Stud Clip, Add	2.31	
04 01 20 41-0102	EA		8mm Tapered To 6.5mm Diameter, 270mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric).....	10.58	
			For Up To 10, Add	5.46	
			For >10 To 50, Add	2.73	
			For Metal Stud Clip, Add	2.31	

04 Masonry**04 01 Maintenance of Masonry****04 01 20 Maintenance of Unit Masonry**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

04 01 20 41-0103	EA	8mm Tapered To 6.5mm Diameter, 295mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	11.05
		For Up To 10, Add	5.46
		For >10 To 50, Add	2.73
		For Metal Stud Clip, Add	2.31
04 01 20 41-0104	EA	10mm Tapered To 8mm Diameter, 155mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	9.73
		For Up To 10, Add	5.46
		For >10 To 50, Add	2.73
		For Metal Stud Clip, Add	2.31
04 01 20 41-0105	EA	10mm Tapered To 8mm Diameter, 170mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	10.14
		For Up To 10, Add	5.46
		For >10 To 50, Add	2.73
		For Metal Stud Clip, Add	2.31
04 01 20 41-0106	EA	10mm Tapered To 8mm Diameter, 195mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	10.43
		For Up To 10, Add	5.46
		For >10 To 50, Add	2.73
		For Metal Stud Clip, Add	2.31
04 01 20 41-0107	EA	10mm Tapered To 8mm Diameter, 220mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	10.61
		For Up To 10, Add	5.46
		For >10 To 50, Add	2.73
		For Metal Stud Clip, Add	2.31
04 01 20 41-0108	EA	10mm Tapered To 8mm Diameter, 245mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	10.74
		For Up To 10, Add	5.46
		For >10 To 50, Add	2.73
		For Metal Stud Clip, Add	2.31
04 01 20 41-0109	EA	10mm Tapered To 8mm Diameter, 300mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	11.05
		For Up To 10, Add	5.46
		For >10 To 50, Add	2.73
		For Metal Stud Clip, Add	2.31
04 01 20 41-0110	EA	304 Stainless Steel, Seismic Connector (Helifix® DryFix®)	4.41
		Note: For installation over the DryFix® helical pin. Excludes removal of grout from the horizontal mortar joint and installation of Helibar or 9 gauge continuous wire.	
		For Up To 10, Add	2.73
		For >10 To 50, Add	1.37

04 01 20 41-0111 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) (04 01 20 41-0063)

04 01 20 41-0112	EA	8mm Diameter, 115mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	8.81
		For Up To 10, Add	5.46
		For >10 To 50, Add	2.73
		For Metal Stud Clip, Add	2.31
04 01 20 41-0113	EA	8mm Diameter, 155mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.23
		For Up To 10, Add	5.46
		For >10 To 50, Add	2.73
		For Metal Stud Clip, Add	2.31
04 01 20 41-0114	EA	8mm Diameter, 170mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.31
		For Up To 10, Add	5.46
		For >10 To 50, Add	2.73
		For Metal Stud Clip, Add	2.31
04 01 20 41-0115	EA	8mm Diameter, 195mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.48
		For Up To 10, Add	5.46
		For >10 To 50, Add	2.73
		For Metal Stud Clip, Add	2.31
04 01 20 41-0116	EA	8mm Diameter, 220mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.79
		For Up To 10, Add	5.46
		For >10 To 50, Add	2.73
		For Metal Stud Clip, Add	2.31
04 01 20 41-0117	EA	8mm Diameter, 245mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.04
		For Up To 10, Add	5.46
		For >10 To 50, Add	2.73
		For Metal Stud Clip, Add	2.31
04 01 20 41-0118	EA	8mm Diameter, 270mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.17
		For Up To 10, Add	5.46
		For >10 To 50, Add	2.73
		For Metal Stud Clip, Add	2.31
04 01 20 41-0119	EA	8mm Diameter, 295mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.34
		For Up To 10, Add	5.46
		For >10 To 50, Add	2.73
		For Metal Stud Clip, Add	2.31



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 01 20 41-0120	EA		8mm Diameter, 325mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	10.95	
			For Up To 10, Add	5.46	
			For >10 To 50, Add	2.73	
			For Metal Stud Clip, Add	2.31	
04 01 20 41-0121	EA		8mm Diameter, 350mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	11.06	
			For Up To 10, Add	5.46	
			For >10 To 50, Add	2.73	
			For Metal Stud Clip, Add	2.31	
04 01 20 41-0122	EA		8mm Diameter, 400mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	11.95	
			For Up To 10, Add	5.46	
			For >10 To 50, Add	2.73	
			For Metal Stud Clip, Add	2.31	
04 01 20 41-0123	EA		8mm Diameter, 450mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	12.70	
			For Up To 10, Add	5.46	
			For >10 To 50, Add	2.73	
			For Metal Stud Clip, Add	2.31	
04 01 20 41-0124	EA		8mm Diameter, 500mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	13.36	
			For Up To 10, Add	5.46	
			For >10 To 50, Add	2.73	
			For Metal Stud Clip, Add	2.31	
04 01 20 41-0125	EA		8mm Diameter, 550mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	15.63	
			For Up To 10, Add	5.46	
			For >10 To 50, Add	2.73	
			For Metal Stud Clip, Add	2.31	
04 01 20 41-0126	EA		8mm Diameter, 600mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	17.48	
			For Up To 10, Add	5.46	
			For >10 To 50, Add	2.73	
			For Metal Stud Clip, Add	2.31	
04 01 20 41-0127	EA		8mm Diameter, 700mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	20.17	
			For Up To 10, Add	5.46	
			For >10 To 50, Add	2.73	
			For Metal Stud Clip, Add	2.31	
04 01 20 41-0128	EA		10mm Diameter, 125mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	9.03	
			For Up To 10, Add	5.46	
			For >10 To 50, Add	2.73	
			For Metal Stud Clip, Add	2.31	
04 01 20 41-0129	EA		10mm Diameter, 155mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	9.44	
			For Up To 10, Add	5.46	
			For >10 To 50, Add	2.73	
			For Metal Stud Clip, Add	2.31	
04 01 20 41-0130	EA		10mm Diameter, 170mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	9.84	
			For Up To 10, Add	5.46	
			For >10 To 50, Add	2.73	
			For Metal Stud Clip, Add	2.31	
04 01 20 41-0131	EA		10mm Diameter, 195mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	10.21	
			For Up To 10, Add	5.46	
			For >10 To 50, Add	2.73	
			For Metal Stud Clip, Add	2.31	
04 01 20 41-0132	EA		10mm Diameter, 220mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	10.44	
			For Up To 10, Add	5.46	
			For >10 To 50, Add	2.73	
			For Metal Stud Clip, Add	2.31	
04 01 20 41-0133	EA		10mm Diameter, 245mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	10.60	
			For Up To 10, Add	5.46	
			For >10 To 50, Add	2.73	
			For Metal Stud Clip, Add	2.31	
04 01 20 41-0134	EA		10mm Diameter, 270mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	10.87	
			For Up To 10, Add	5.46	
			For >10 To 50, Add	2.73	
			For Metal Stud Clip, Add	2.31	
04 01 20 41-0135	EA		10mm Diameter, 300mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	10.98	
			For Up To 10, Add	5.46	
			For >10 To 50, Add	2.73	
			For Metal Stud Clip, Add	2.31	
04 01 20 41-0136	EA		10mm Diameter, 350mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	11.47	
			For Up To 10, Add	5.46	
			For >10 To 50, Add	2.73	
			For Metal Stud Clip, Add	2.31	

04 Masonry**04 01 Maintenance of Masonry****04 01 20 Maintenance of Unit Masonry**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

04 01 20 41-0137	EA	10mm Diameter, 400mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	12.15	
		For Up To 10, Add	5.46	
		For >10 To 50, Add	2.73	
		For Metal Stud Clip, Add	2.31	
04 01 20 41-0138	EA	10mm Diameter, 450mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	12.77	
		For Up To 10, Add	5.46	
		For >10 To 50, Add	2.73	
		For Metal Stud Clip, Add	2.31	
04 01 20 41-0139	EA	10mm Diameter, 500mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	13.56	
		For Up To 10, Add	5.46	
		For >10 To 50, Add	2.73	
		For Metal Stud Clip, Add	2.31	
04 01 20 41-0140	EA	10mm Diameter, 550mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	17.83	
		For Up To 10, Add	5.46	
		For >10 To 50, Add	2.73	
		For Metal Stud Clip, Add	2.31	
04 01 20 41-0141	EA	10mm Diameter, 600mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	19.88	
		For Up To 10, Add	5.46	
		For >10 To 50, Add	2.73	
		For Metal Stud Clip, Add	2.31	
04 01 20 41-0142	EA	10mm Diameter, 700mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	23.60	
		For Up To 10, Add	5.46	
		For >10 To 50, Add	2.73	
		For Metal Stud Clip, Add	2.31	
04 01 20 41-0143	EA	8mm Tapered To 6.5mm Diameter, 155mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric).....	10.02	
		For Up To 10, Add	5.46	
		For >10 To 50, Add	2.73	
		For Metal Stud Clip, Add	2.31	
04 01 20 41-0144	EA	8mm Tapered To 6.5mm Diameter, 170mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric).....	10.26	
		For Up To 10, Add	5.46	
		For >10 To 50, Add	2.73	
		For Metal Stud Clip, Add	2.31	
04 01 20 41-0145	EA	8mm Tapered To 6.5mm Diameter, 185mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric).....	10.42	
		For Up To 10, Add	5.46	
		For >10 To 50, Add	2.73	
		For Metal Stud Clip, Add	2.31	
04 01 20 41-0146	EA	8mm Tapered To 6.5mm Diameter, 195mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric).....	10.55	
		For Up To 10, Add	5.46	
		For >10 To 50, Add	2.73	
		For Metal Stud Clip, Add	2.31	
04 01 20 41-0147	EA	8mm Tapered To 6.5mm Diameter, 220mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric).....	10.92	
		For Up To 10, Add	5.46	
		For >10 To 50, Add	2.73	
		For Metal Stud Clip, Add	2.31	
04 01 20 41-0148	EA	8mm Tapered To 6.5mm Diameter, 245mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric).....	11.52	
		For Up To 10, Add	5.46	
		For >10 To 50, Add	2.73	
		For Metal Stud Clip, Add	2.31	
04 01 20 41-0149	EA	8mm Tapered To 6.5mm Diameter, 270mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric).....	11.71	
		For Up To 10, Add	5.46	
		For >10 To 50, Add	2.73	
		For Metal Stud Clip, Add	2.31	
04 01 20 41-0150	EA	8mm Tapered To 6.5mm Diameter, 295mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric).....	12.30	
		For Up To 10, Add	5.46	
		For >10 To 50, Add	2.73	
		For Metal Stud Clip, Add	2.31	
04 01 20 41-0151	EA	10mm Tapered To 8mm Diameter, 155mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric).....	10.62	
		For Up To 10, Add	5.46	
		For >10 To 50, Add	2.73	
		For Metal Stud Clip, Add	2.31	
04 01 20 41-0152	EA	10mm Tapered To 8mm Diameter, 170mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric).....	11.13	
		For Up To 10, Add	5.46	
		For >10 To 50, Add	2.73	
		For Metal Stud Clip, Add	2.31	
04 01 20 41-0153	EA	10mm Tapered To 8mm Diameter, 195mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric).....	11.50	
		For Up To 10, Add	5.46	
		For >10 To 50, Add	2.73	
		For Metal Stud Clip, Add	2.31	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 01 20 41-0154	EA		10mm Tapered To 8mm Diameter, 220mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric).....	11.73	
			For Up To 10, Add	5.46	
			For >10 To 50, Add	2.73	
			For Metal Stud Clip, Add	2.31	
04 01 20 41-0155	EA		10mm Tapered To 8mm Diameter, 245mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric).....	11.89	
			For Up To 10, Add	5.46	
			For >10 To 50, Add	2.73	
			For Metal Stud Clip, Add	2.31	
04 01 20 41-0156	EA		10mm Tapered To 8mm Diameter, 300mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric).....	12.27	
			For Up To 10, Add	5.46	
			For >10 To 50, Add	2.73	
			For Metal Stud Clip, Add	2.31	
04 01 20 41-0157	EA		316 Stainless Steel, Seismic Connector (Helifix® DryFix®).....	4.82	
			Note: For installation over the DryFix® helical pin. Excludes removal of grout from the horizontal mortar joint and installation of Helibar or 9 gauge continuous wire.		
			For Up To 10, Add	2.73	
			For >10 To 50, Add	1.37	
04 01 20 41-0158			Concrete Patching Pins (Helifix® PatchPin) (04 01 20 41-0001)		
			Note: Austenitic stainless steel. For patching reinforced concrete. Includes drilling. Excludes patching mortar.		
04 01 20 41-0159			304 Stainless Steel Helical Pin, Concrete Patching Pins (Helifix® PatchPin)		
			(04 01 20 41-0158)		
04 01 20 41-0160	EA		8mm Diameter, 70mm Length, 304 Stainless Steel Helical Pin, Concrete Patching Pin (Helifix® PatchPin).....	6.99	
			For Up To 10, Add	5.46	
			For >10 To 50, Add	2.73	
04 01 20 41-0161	EA		8mm Diameter, 102mm Length, 304 Stainless Steel Helical Pin, Concrete Patching Pin (Helifix® PatchPin).....	7.03	
			For Up To 10, Add	5.46	
			For >10 To 50, Add	2.73	
04 01 20 41-0162			316 Stainless Steel Helical Pin, Concrete Patching Pins (Helifix® PatchPin)		
			(04 01 20 41-0158)		
04 01 20 41-0163	EA		8mm Diameter, 70mm Length, 316 Stainless Steel Helical Pin, Concrete Patching Pin (Helifix® PatchPin).....	7.27	
			For Up To 10, Add	5.46	
			For >10 To 50, Add	2.73	
04 01 20 41-0164	EA		8mm Diameter, 102mm Length, 316 Stainless Steel Helical Pin, Concrete Patching Pin (Helifix® PatchPin).....	7.34	
			For Up To 10, Add	5.46	
			For >10 To 50, Add	2.73	
04 01 20 41-0165			Movement Joint Ties (Helifix® Movement Joint Tie) (04 01 20 41-0001)		
			Note: Austenitic stainless steel. For creating movement joints in existing walls. Includes removing horizontal mortar and re-pointing mortar bed. Includes cementitious grout.		
04 01 20 41-0166			304 Stainless Steel Helical Pin, Movement Joint Ties (Helifix® Movement Joint Tie) (04 01 20 41-0165)		
04 01 20 41-0167	EA		6mm Diameter, 400mm Length, 304 Stainless Steel Helical Pin, Movement Joint Tie With De-Bond Sleeve (Helifix® Movement Joint Tie).....	45.13	
			For Up To 10, Add	36.40	
			For >10 To 50, Add	18.20	
04 01 20 41-0168			316 Stainless Steel Helical Pin, Movement Joint Ties (Helifix® Movement Joint Tie) (04 01 20 41-0165)		
04 01 20 41-0169	EA		6mm Diameter, 400mm Length, 316 Stainless Steel Helical Pin, Movement Joint Tie With De-Bond Sleeve (Helifix® Movement Joint Tie).....	46.43	
			For Up To 10, Add	36.40	
			For >10 To 50, Add	18.20	
04 01 20 41-0170			Unit Masonry Stabilization (04 01 20 41)		
04 01 20 41-0171			Repair Bulging Or Loose Masonry (04 01 20 41-0170)		
04 01 20 41-0172	SF		Repair Bulging Or Loose Masonry Using Existing Masonry.....	82.22	
			Note: Includes saw cutting, toothing, removing loose masonry, installing anchor and reinstalling brick and mortar.		
04 01 20 41-0173	SF		Repair Bulging Or Loose Masonry Using New Masonry.....	88.00	
			Note: Includes saw cutting, toothing, removing loose masonry, installing anchor and installing new brick and mortar.		
04 01 20 51			Unit Masonry Maintenance (04 01 20)		
04 01 20 51-0001			Grind Unit Masonry (04 01 20 51)		
04 01 20 51-0002	SF		Grind Smooth Masonry Wall.....	3.87	
04 01 20 91			Unit Masonry Restoration (04 01 20)		
			See CSI section 03 01 30 71-0123 for crack repair.		

04 Masonry**04 01 Maintenance of Masonry****04 01 20 Maintenance of Unit Masonry**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

04 01 20 91-0001	Cut And Repoint Masonry (04 01 20 91) Note: Remove existing mortar to 3/4" depth. Repoint with pointing mortar. Includes pointing mortar, cutting, rinsing and cleaning joint.		
04 01 20 91-0002	SF Cut And Repoint, Hard Mortar, Running Bond, Brick.....	9.07	
	For Common Bond, Add.....	0.34	
	For Flemish Bond, Add.....	1.19	
	For English Bond, Add.....	1.96	
	For Oversized Or Larger Than Standard, Deduct.....	-1.36	
	For Historical Restoration, Add.....	1.71	
	For >250 To 1,000, Deduct.....	-0.43	
	For >1,000, Deduct.....	-0.88	
04 01 20 91-0003	SF Cut And Repoint, Soft, Loose Or Crumbling Mortar, Running Bond, Brick.....	6.33	
	For Common Bond, Add.....	0.23	
	For Flemish Bond, Add.....	0.81	
	For English Bond, Add.....	1.33	
	For Oversized Or Larger Than Standard, Deduct.....	-0.95	
	For Historical Restoration, Add.....	1.16	
	For >250 To 1,000, Deduct.....	-0.29	
	For >1,000, Deduct.....	-0.61	
04 01 20 91-0004	SF Cut And Repoint, Hard Mortar, Running Bond, Concrete Block.....	4.90	
	For Common Bond, Add.....	0.17	
	For Oversized Or Larger Than Standard, Deduct.....	-0.74	
	For Historical Restoration, Add.....	0.87	
	For >250 To 1,000, Deduct.....	-0.22	
	For >1,000, Deduct.....	-0.46	
04 01 20 91-0005	SF Cut And Repoint, Soft, Loose Or Crumbling Mortar, Running Bond, Concrete Block.....	3.51	
	For Common Bond, Add.....	0.12	
	For Oversized Or Larger Than Standard, Deduct.....	-0.53	
	For Historical Restoration, Add.....	0.59	
	For >250 To 1,000, Deduct.....	-0.15	
	For >1,000, Deduct.....	-0.32	
04 01 20 91-0006	LF Cut And Repoint Brick/Block, Irregular Shapes And Other Than Complete SF Area.....	2.81	
04 01 20 91-0007	Repair Masonry (04 01 20 91) Note: Includes mortar for repair.		
04 01 20 91-0008	SF Patch And Repair Terra Cotta Walls Or Coping.....	20.02	
	Note: Including Replacement Of Damaged Material		
04 01 20 91-0009	SF Patch And Repair Terra Cotta Floors.....	18.66	
	Note: Including Replacement Of Damaged Material		
04 01 20 91-0010	LF Chip And Repair With Masonry Patch, Cracks Up To 1/4".....	4.18	
04 01 20 91-0011	SF Patching Over Masonry Surface With Elastomeric Paint Using A Trowel 6" Blade.....	6.79	
04 01 20 91-0012	EA Cutout Individual Damaged Brick And Replace With New Brick.....	14.54	
04 01 20 91-0013	LF Pressure Grout Block/Brick Using LA City RGA Rule Of General Application 1-91 (Portland Cement Base).....	336.87	
04 01 20 91-0014	LF Pressure Grout Block/Brick Master Builders RHEOCHEM 900 (Portland Cement Base).....	96.11	
04 01 20 91-0015	LF Up To 1/4" Wide, Water Activated Polyurethane Foam Grout, Non-Structural Crack Repair For Masonry, Installed With Automated Injection Equipment (SealBoss 1570).....	36.55	
	For Cracks Accessible From Both Sides, Add.....	7.42	
04 01 20 91-0016	LF Up To 1/4" Wide, Moisture Tolerant, Low Viscosity, High Strength Epoxy Resin, Structural Crack Repair For Masonry, Installed With Automated Injection Equipment (Sikadur® 52).....	32.39	
	For Cracks Accessible From Both Sides, Add.....	7.42	
04 01 20 91-0017	LF Up To 1/4" Wide, Moisture Tolerant, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Masonry, Surface Applied Trowel (Sikadur® 52).....	8.89	
	For V-Grooving Crack With Grinder, Add.....	6.40	
04 01 20 91-0018	LF >1/4" To 1/2" Wide, Moisture Tolerant, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Masonry, Surface Applied With Trowel (Sikadur® 52).....	11.95	
	For V-Grooving Crack With Grinder, Add.....	6.08	

04 01 50 Maintenance of Refractory Masonry (04 01)**04 01 50 52 Refractory Masonry Cleaning** (04 01 50)**04 01 50 52-0001 Chimney Cleaning** (04 01 50 52)

04 01 50 52-0002	LF Up To 2 SF Cross Section Chimney Cleaning.....	7.78	
04 01 50 52-0003	LF >2 To 4 SF Cross Section Chimney Cleaning.....	15.55	
04 01 50 52-0004	LF >4 SF Cross Section Chimney Cleaning.....	23.34	

04 05 Common Work Results for Masonry (04)**04 05 13 Masonry Mortaring** (04 05)**04 05 13 26 Engineered Masonry Mortaring** (04 05 13)

Note: Mortar, sand and standard supplements are included in the cost of brick, block, stone, simulated or synthetic masonry units.

04 05 13 26-0001 Masonry Cement Mortar (04 05 13 26)

Note: Ratio is bag material to sand.

04 05 13 26-0002	CF Type M Masonry Cement 1:1:6 Mix.....	6.54	
04 05 13 26-0003	CF Type N Masonry Cement 1:3 Mix.....	6.03	
04 05 13 26-0004	CF Type O Masonry Cement 1:3 Mix.....	6.19	
04 05 13 26-0005	CF Type PM Masonry Cement 1:1:6 Mix, 2,500 PSI.....	6.78	
04 05 13 26-0006	CF Type S Masonry Cement 1/2:1:4 Mix.....	7.15	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 13 26-0007 Mortar Admixture (04 05 13 26)		
04 05 13 26-0008 CF Water - Repellent Stearate - Cost Based On CF Of Mortar	0.35	
04 05 13 26-0009 CF Pozzolanic Plasticizers - Cost Based On CF Of Mortar	0.06	
04 05 13 26-0010 Color Admixtures For Mortar (04 05 13 26)		
Note: Costs are based on CF of mortar.		
04 05 13 26-0011 CF Buff Colored Admixture	2.20	
04 05 13 26-0012 CF Brown Colored Admixture	2.50	
04 05 13 26-0013 CF Black Colored Admixture	3.09	
04 05 13 26-0014 CF Red Colored Admixture	6.77	
04 05 13 26-0015 Portland Cement (04 05 13 26)		
04 05 13 26-0016 CF Normal Portland Cement (Type I)	11.73	
04 05 13 26-0017 CF Modified Portland Cement (Type II)	5.85	
04 05 13 26-0018 CF High Early Strength Portland Cement (Type III)	6.21	
04 05 13 26-0019 CF White Non-Staining Portland Cement (Type I)	13.00	
04 05 16 Masonry Grouting (04 05)		
04 05 16 26 Engineered Masonry Grouting (04 05 16)		
Note: Excludes reinforcement.		
04 05 16 26-0001 Grout Bond Beams And Lintels, Grout Fill (04 05 16 26)		
Note: Excludes block.		
04 05 16 26-0002 LF Grout Bond Beams And Lintels - 6" Block, Grout Fill Only, 0.1125 CF/LF, 8" Deep	4.07	
04 05 16 26-0003 LF Grout Bond Beams And Lintels - 8" Block, Grout Fill Only, 0.20 CF/LF, 8" Deep	4.43	
04 05 16 26-0004 LF Grout Bond Beams And Lintels - 10" Block, Grout Fill Only, 0.25 CF/LF, 8" Deep	4.93	
04 05 16 26-0005 LF Grout Bond Beams And Lintels, 12" Block, Grout Fill Only, 0.30 CF/LF, 8" Deep	5.49	
04 05 16 26-0006 Grout Concrete Block Cores, Grout Fill (04 05 16 26)		
Note: Per SF of face area filled.		
04 05 16 26-0007 SF Grout Concrete Block Cores- 4" Block, Grout Fill Block Solid (0.067 CF/SF)	3.21	
04 05 16 26-0008 SF Grout Concrete Block Cores- 6" Block, Grout Fill Block Solid (0.175 CF/SF)	4.62	
04 05 16 26-0009 SF Grout Concrete Block Cores- 8" Block, Grout Fill Block Solid (0.258 CF/SF)	6.59	
04 05 16 26-0010 SF Grout Concrete Block Cores- 10" Block, Grout Fill Block Solid (0.34 CF/SF)	8.07	
04 05 16 26-0011 SF Grout Concrete Block Cores- 12" Block, Grout Fill Block Solid (0.422 CF/SF)	9.53	
04 05 16 26-0012 Grout Cavity Walls, Grout Fill (04 05 16 26)		
Note: Per SF of face area filled.		
04 05 16 26-0013 SF Grout Cavity Walls - 2" Space, Grout Fill (0.167 CF/SF)	3.72	
04 05 16 26-0014 SF Grout Cavity Walls - 3" Space, Grout Fill (0.250 CF/SF)	5.24	
04 05 16 26-0015 SF Grout Cavity Walls - 4" Space, Grout Fill (0.333 CF/SF)	6.58	
04 05 16 26-0016 SF Grout Cavity Walls - 6" Space, Grout Fill (0.500 CF/SF)	8.89	
04 05 16 26-0017 Grout Frames, Grout Fill (04 05 16 26)		
04 05 16 26-0018 LF Grout Door Frames - Grout Fill	5.84	
04 05 16 26-0019 LF Grout Window Frames - Grout Fill	5.00	
04 05 16 26-0020 Sand Filled Walls (04 05 16 26)		
04 05 16 26-0021 Sand Fill Cavity Walls, Sand Fill (04 05 16 26-0020)		
Note: Per SF of face area filled.		
04 05 16 26-0022 SF Sand Fill Cavity Walls - 2" Space, Sand Fill (0.167 CF/SF)	3.17	
04 05 16 26-0023 SF Sand Fill Cavity Walls - 3" Space, Sand Fill (0.250 CF/SF)	4.38	
04 05 16 26-0024 SF Sand Fill Cavity Walls - 4" Space, Sand Fill (0.333 CF/SF)	5.39	
04 05 16 26-0025 SF Sand Fill Cavity Walls - 6" Space, Sand Fill (0.500 CF/SF)	7.17	
04 05 19 Masonry Anchorage and Reinforcing (04 05)		
04 05 19 13 Continuous Joint Reinforcing (04 05 19)		
Note: Includes cutting and bending.		
04 05 19 13-0001 Continuous Joint Reinforcing (04 05 19 13)		
04 05 19 13-0002 Ladder-Type, Masonry Wall Reinforcement (04 05 19 13-0001)		
04 05 19 13-0003 Ladder-Type, Masonry Wall Reinforcement (04 05 19 13-0002)		
04 05 19 13-0004 Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement (04 05 19 13-0003)		

04 Masonry**04 05 Common Work Results for Masonry****04 05 19 Masonry Anchorage and Reinforcing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0005	CLF	#4 (For 4" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	55.90		
		For Hot-Dipped Galvanized, Add	10.12		
		For Stainless Steel, Add	40.46		
04 05 19 13-0006	CLF	#6 (For 6" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	59.36		
		For Hot-Dipped Galvanized, Add	10.63		
		For Stainless Steel, Add	42.50		
04 05 19 13-0007	CLF	#8 (For 8" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	63.98		
		For Hot-Dipped Galvanized, Add	11.20		
		For Stainless Steel, Add	44.80		
04 05 19 13-0008	CLF	#10 (For 10" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	69.43		
		For Hot-Dipped Galvanized, Add	11.85		
		For Stainless Steel, Add	47.40		
04 05 19 13-0009	CLF	#12 (For 12" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	75.79		
		For Hot-Dipped Galvanized, Add	12.49		
		For Stainless Steel, Add	49.94		
04 05 19 13-0010	CLF	#13 (For 13" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	80.47		
		For Hot-Dipped Galvanized, Add	12.80		
		For Stainless Steel, Add	51.18		
04 05 19 13-0011	CLF	#14 (For 14" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	83.92		
		For Hot-Dipped Galvanized, Add	13.15		
		For Stainless Steel, Add	52.60		
04 05 19 13-0012	CLF	#16 (For 16" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	97.43		
		For Hot-Dipped Galvanized, Add	18.08		
		For Stainless Steel, Add	72.30		
04 05 19 13-0013	CLF	#18 (For 18" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	120.82		
		For Hot-Dipped Galvanized, Add	27.94		
		For Stainless Steel, Add	111.76		
04 05 19 13-0014		Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement (04 05 19 13-0003)			
04 05 19 13-0015	CLF	#4 (For 4" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	67.11		
		For Hot-Dipped Galvanized, Add	15.72		
		For Stainless Steel, Add	62.88		
04 05 19 13-0016	CLF	#6 (For 6" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	70.70		
		For Hot-Dipped Galvanized, Add	16.30		
		For Stainless Steel, Add	65.18		
04 05 19 13-0017	CLF	#8 (For 8" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	75.44		
		For Hot-Dipped Galvanized, Add	16.93		
		For Stainless Steel, Add	67.72		
04 05 19 13-0018	CLF	#10 (For 10" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	80.77		
		For Hot-Dipped Galvanized, Add	17.52		
		For Stainless Steel, Add	70.08		
04 05 19 13-0019	CLF	#12 (For 12" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	87.10		
		For Hot-Dipped Galvanized, Add	18.14		
		For Stainless Steel, Add	72.56		
04 05 19 13-0020	CLF	#13 (For 13" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	91.83		
		For Hot-Dipped Galvanized, Add	18.48		
		For Stainless Steel, Add	73.92		
04 05 19 13-0021	CLF	#14 (For 14" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	95.21		
		For Hot-Dipped Galvanized, Add	18.79		
		For Stainless Steel, Add	75.16		
04 05 19 13-0022	CLF	#16 (For 16" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	112.33		
		For Hot-Dipped Galvanized, Add	25.53		
		For Stainless Steel, Add	102.12		
04 05 19 13-0023	CLF	#18 (For 18" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	146.40		
		For Hot-Dipped Galvanized, Add	40.74		
		For Stainless Steel, Add	162.94		
04 05 19 13-0024		Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement (04 05 19 13-0003)			
04 05 19 13-0025	CLF	#4 (For 4" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	77.99		
		For Hot-Dipped Galvanized, Add	21.16		
		For Stainless Steel, Add	84.64		



MINOR			TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST	UNIT COST
04 05 19 13-0026	CLF	#6 (For 6" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	83.06			
		For Hot-Dipped Galvanized, Add	22.32			
		For Stainless Steel, Add	89.28			
04 05 19 13-0027	CLF	#8 (For 8" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	88.12			
		For Hot-Dipped Galvanized, Add	23.48			
		For Stainless Steel, Add	93.92			
04 05 19 13-0028	CLF	#10 (For 10" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	95.48			
		For Hot-Dipped Galvanized, Add	24.88			
		For Stainless Steel, Add	99.50			
04 05 19 13-0029	CLF	#12 (For 12" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	102.82			
		For Hot-Dipped Galvanized, Add	26.26			
		For Stainless Steel, Add	105.02			
04 05 19 13-0030	CLF	#13 (For 13" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	108.87			
		For Hot-Dipped Galvanized, Add	27.00			
		For Stainless Steel, Add	107.98			
04 05 19 13-0031	CLF	#14 (For 14" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	112.43			
		For Hot-Dipped Galvanized, Add	27.63			
		For Stainless Steel, Add	110.52			
04 05 19 13-0032	CLF	#16 (For 16" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	119.09			
		For Hot-Dipped Galvanized, Add	28.91			
		For Stainless Steel, Add	115.62			
04 05 19 13-0033	CLF	#18 (For 18" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	160.97			
		For Hot-Dipped Galvanized, Add	48.02			
		For Stainless Steel, Add	192.06			
04 05 19 13-0034		Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement (04 05 19 13-0003)				
04 05 19 13-0035	CLF	#4 (For 4" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	81.72			
		For Hot-Dipped Galvanized, Add	23.03			
		For Stainless Steel, Add	92.10			
04 05 19 13-0036	CLF	#6 (For 6" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	85.17			
		For Hot-Dipped Galvanized, Add	23.53			
		For Stainless Steel, Add	94.12			
04 05 19 13-0037	CLF	#8 (For 8" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	89.78			
		For Hot-Dipped Galvanized, Add	24.11			
		For Stainless Steel, Add	96.42			
04 05 19 13-0038	CLF	#10 (For 10" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	95.24			
		For Hot-Dipped Galvanized, Add	24.76			
		For Stainless Steel, Add	99.02			
04 05 19 13-0039	CLF	#12 (For 12" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	101.59			
		For Hot-Dipped Galvanized, Add	25.39			
		For Stainless Steel, Add	101.54			
04 05 19 13-0040	CLF	#13 (For 13" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	106.27			
		For Hot-Dipped Galvanized, Add	25.70			
		For Stainless Steel, Add	102.78			
04 05 19 13-0041	CLF	#14 (For 14" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	109.71			
		For Hot-Dipped Galvanized, Add	26.05			
		For Stainless Steel, Add	104.20			
04 05 19 13-0042	CLF	#16 (For 16" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	123.24			
		For Hot-Dipped Galvanized, Add	30.98			
		For Stainless Steel, Add	123.92			
04 05 19 13-0043		Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement (04 05 19 13-0003)				
04 05 19 13-0044	CLF	#4 (For 4" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	92.94			
		For Hot-Dipped Galvanized, Add	28.64			
		For Stainless Steel, Add	114.54			
04 05 19 13-0045	CLF	#6 (For 6" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	96.53			
		For Hot-Dipped Galvanized, Add	29.21			
		For Stainless Steel, Add	116.84			
04 05 19 13-0046	CLF	#8 (For 8" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	101.25			
		For Hot-Dipped Galvanized, Add	29.84			
		For Stainless Steel, Add	119.36			

04 Masonry**04 05 Common Work Results for Masonry****04 05 19 Masonry Anchorage and Reinforcing**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0047	CLF	#10 (For 10" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	106.59	
		For Hot-Dipped Galvanized, Add	30.43	
		For Stainless Steel, Add	121.72	
04 05 19 13-0048	CLF	#12 (For 12" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	112.92	
		For Hot-Dipped Galvanized, Add	31.05	
		For Stainless Steel, Add	124.20	
04 05 19 13-0049	CLF	#13 (For 13" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	117.65	
		For Hot-Dipped Galvanized, Add	31.39	
		For Stainless Steel, Add	125.56	
04 05 19 13-0050	CLF	#14 (For 14" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	121.02	
		For Hot-Dipped Galvanized, Add	31.70	
		For Stainless Steel, Add	126.80	
04 05 19 13-0051	CLF	#16 (For 16" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	138.15	
		For Hot-Dipped Galvanized, Add	38.44	
		For Stainless Steel, Add	153.76	
04 05 19 13-0052	CLF	#18 (For 18" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	172.23	
		For Hot-Dipped Galvanized, Add	53.65	
		For Stainless Steel, Add	214.60	
04 05 19 13-0053		Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement (04 05 19 13-0003)		
04 05 19 13-0054	CLF	#4 (For 4" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	103.79	
		For Hot-Dipped Galvanized, Add	34.06	
		For Stainless Steel, Add	136.24	
04 05 19 13-0055	CLF	#6 (For 6" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	108.87	
		For Hot-Dipped Galvanized, Add	35.23	
		For Stainless Steel, Add	140.90	
04 05 19 13-0056	CLF	#8 (For 8" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	113.94	
		For Hot-Dipped Galvanized, Add	36.39	
		For Stainless Steel, Add	145.56	
04 05 19 13-0057	CLF	#10 (For 10" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	121.29	
		For Hot-Dipped Galvanized, Add	37.78	
		For Stainless Steel, Add	151.12	
04 05 19 13-0058	CLF	#12 (For 12" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	128.64	
		For Hot-Dipped Galvanized, Add	39.17	
		For Stainless Steel, Add	156.66	
04 05 19 13-0059	CLF	#13 (For 13" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	134.69	
		For Hot-Dipped Galvanized, Add	39.91	
		For Stainless Steel, Add	159.62	
04 05 19 13-0060	CLF	#14 (For 14" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	138.24	
		For Hot-Dipped Galvanized, Add	40.54	
		For Stainless Steel, Add	162.14	
04 05 19 13-0061	CLF	#16 (For 16" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	144.89	
		For Hot-Dipped Galvanized, Add	41.81	
		For Stainless Steel, Add	167.22	
04 05 19 13-0062	CLF	#18 (For 18" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	186.79	
		For Hot-Dipped Galvanized, Add	60.93	
		For Stainless Steel, Add	243.70	
04 05 19 13-0063		Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement (04 05 19 13-0003)		
04 05 19 13-0064	CLF	#4 (For 4" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	107.54	
		For Hot-Dipped Galvanized, Add	35.94	
		For Stainless Steel, Add	143.74	
04 05 19 13-0065	CLF	#6 (For 6" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	110.98	
		For Hot-Dipped Galvanized, Add	36.44	
		For Stainless Steel, Add	145.74	
04 05 19 13-0066	CLF	#8 (For 8" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	115.59	
		For Hot-Dipped Galvanized, Add	37.01	
		For Stainless Steel, Add	148.04	
04 05 19 13-0067	CLF	#10 (For 10" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	121.05	
		For Hot-Dipped Galvanized, Add	37.66	
		For Stainless Steel, Add	150.64	



MINOR			TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST	UNIT COST
04 05 19 13-0068	CLF	#12 (For 12" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	127.41			
		For Hot-Dipped Galvanized, Add	38.30			
		For Stainless Steel, Add	153.18			
04 05 19 13-0069	CLF	#13 (For 13" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	132.09			
		For Hot-Dipped Galvanized, Add	38.61			
		For Stainless Steel, Add	154.42			
04 05 19 13-0070	CLF	#14 (For 14" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	135.53			
		For Hot-Dipped Galvanized, Add	38.96			
		For Stainless Steel, Add	155.84			
04 05 19 13-0071	CLF	#16 (For 16" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	149.05			
		For Hot-Dipped Galvanized, Add	43.89			
		For Stainless Steel, Add	175.54			
04 05 19 13-0072	CLF	#18 (For 18" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	172.44			
		For Hot-Dipped Galvanized, Add	53.76			
		For Stainless Steel, Add	215.02			
04 05 19 13-0073		Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....				
		(04 05 19 13-0003)				
04 05 19 13-0074	CLF	#4 (For 4" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	118.75			
		For Hot-Dipped Galvanized, Add	41.54			
		For Stainless Steel, Add	166.16			
04 05 19 13-0075	CLF	#6 (For 6" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	122.34			
		For Hot-Dipped Galvanized, Add	42.12			
		For Stainless Steel, Add	168.46			
04 05 19 13-0076	CLF	#8 (For 8" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	127.07			
		For Hot-Dipped Galvanized, Add	42.75			
		For Stainless Steel, Add	171.00			
04 05 19 13-0077	CLF	#10 (For 10" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, Four-Wire, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	132.41			
		For Hot-Dipped Galvanized, Add	43.34			
		For Stainless Steel, Add	173.36			
04 05 19 13-0078	CLF	#12 (For 12" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	138.74			
		For Hot-Dipped Galvanized, Add	43.96			
		For Stainless Steel, Add	175.84			
04 05 19 13-0079	CLF	#13 (For 13" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	143.47			
		For Hot-Dipped Galvanized, Add	44.30			
		For Stainless Steel, Add	177.20			
04 05 19 13-0080	CLF	#14 (For 14" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	146.84			
		For Hot-Dipped Galvanized, Add	44.61			
		For Stainless Steel, Add	178.44			
04 05 19 13-0081	CLF	#16 (For 16" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	163.97			
		For Hot-Dipped Galvanized, Add	51.35			
		For Stainless Steel, Add	205.40			
04 05 19 13-0082	CLF	#18 (For 18" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	198.05			
		For Hot-Dipped Galvanized, Add	66.56			
		For Stainless Steel, Add	266.24			
04 05 19 13-0083		Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....				
		(04 05 19 13-0003)				
04 05 19 13-0084	CLF	#4 (For 4" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	129.61			
		For Hot-Dipped Galvanized, Add	46.97			
		For Stainless Steel, Add	187.88			
04 05 19 13-0085	CLF	#6 (For 6" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	134.69			
		For Hot-Dipped Galvanized, Add	48.14			
		For Stainless Steel, Add	192.54			
04 05 19 13-0086	CLF	#8 (For 8" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	139.76			
		For Hot-Dipped Galvanized, Add	49.30			
		For Stainless Steel, Add	197.20			
04 05 19 13-0087	CLF	#10 (For 10" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	147.10			
		For Hot-Dipped Galvanized, Add	50.69			
		For Stainless Steel, Add	202.74			
04 05 19 13-0088	CLF	#12 (For 12" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	154.46			
		For Hot-Dipped Galvanized, Add	52.08			
		For Stainless Steel, Add	208.30			

04 Masonry**04 05 Common Work Results for Masonry****04 05 19 Masonry Anchorage and Reinforcing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0089	CLF	#13 (For 13" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	160.50		
		For Hot-Dipped Galvanized, Add	52.81		
		For Stainless Steel, Add	211.24		
04 05 19 13-0090	CLF	#14 (For 14" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	164.06		
		For Hot-Dipped Galvanized, Add	53.45		
		For Stainless Steel, Add	213.78		
04 05 19 13-0091	CLF	#16 (For 16" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	170.71		
		For Hot-Dipped Galvanized, Add	54.72		
		For Stainless Steel, Add	218.86		
04 05 19 13-0092	CLF	#18 (For 18" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	212.60		
		For Hot-Dipped Galvanized, Add	73.83		
		For Stainless Steel, Add	295.32		
04 05 19 13-0093		Ladder-Type With Tabs, Masonry Wall Reinforcement (04 05 19 13-0002)			
04 05 19 13-0094		9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement (04 05 19 13-0093)			
04 05 19 13-0095	CLF	#8 (For 8" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	80.70		
		For Hot-Dipped Galvanized, Add	17.20		
		For Stainless Steel, Add	68.78		
04 05 19 13-0096	CLF	#10 (For 10" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	89.00		
		For Hot-Dipped Galvanized, Add	18.78		
		For Stainless Steel, Add	75.10		
04 05 19 13-0097	CLF	#12 (For 12" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	96.93		
		For Hot-Dipped Galvanized, Add	20.17		
		For Stainless Steel, Add	80.66		
04 05 19 13-0098	CLF	#13 (For 13" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	103.68		
		For Hot-Dipped Galvanized, Add	20.97		
		For Stainless Steel, Add	83.88		
04 05 19 13-0099	CLF	#14 (For 14" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	107.75		
		For Hot-Dipped Galvanized, Add	21.72		
		For Stainless Steel, Add	86.86		
04 05 19 13-0100	CLF	#16 (For 16" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	115.70		
		For Hot-Dipped Galvanized, Add	23.38		
		For Stainless Steel, Add	93.50		
04 05 19 13-0101	CLF	#18 (For 18" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	122.53		
		For Hot-Dipped Galvanized, Add	24.74		
		For Stainless Steel, Add	98.94		
04 05 19 13-0102		3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement (04 05 19 13-0093)			
04 05 19 13-0103	CLF	#8 (For 8" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	94.67		
		For Hot-Dipped Galvanized, Add	24.18		
		For Stainless Steel, Add	96.72		
04 05 19 13-0104	CLF	#10 (For 10" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	103.00		
		For Hot-Dipped Galvanized, Add	25.78		
		For Stainless Steel, Add	103.10		
04 05 19 13-0105	CLF	#12 (For 12" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	110.78		
		For Hot-Dipped Galvanized, Add	27.09		
		For Stainless Steel, Add	108.36		
04 05 19 13-0106	CLF	#13 (For 13" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	117.69		
		For Hot-Dipped Galvanized, Add	27.98		
		For Stainless Steel, Add	111.90		
04 05 19 13-0107	CLF	#14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	121.72		
		For Hot-Dipped Galvanized, Add	28.70		
		For Stainless Steel, Add	114.80		
04 05 19 13-0108	CLF	#16 (For 16" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	129.67		
		For Hot-Dipped Galvanized, Add	30.36		
		For Stainless Steel, Add	121.44		
04 05 19 13-0109	CLF	#18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	136.69		
		For Hot-Dipped Galvanized, Add	31.82		
		For Stainless Steel, Add	127.26		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0110 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement (04 05 19 13-0093)		
04 05 19 13-0111 CLF #8 (For 8" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	101.45	
For Hot-Dipped Galvanized, Add	27.57	
For Stainless Steel, Add	110.28	
04 05 19 13-0112 CLF #10 (For 10" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	111.39	
For Hot-Dipped Galvanized, Add	29.97	
For Stainless Steel, Add	119.88	
04 05 19 13-0113 CLF #12 (For 12" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	121.25	
For Hot-Dipped Galvanized, Add	32.33	
For Stainless Steel, Add	129.30	
04 05 19 13-0114 CLF #13 (For 13" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	128.90	
For Hot-Dipped Galvanized, Add	33.58	
For Stainless Steel, Add	134.32	
04 05 19 13-0115 CLF #14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	133.77	
For Hot-Dipped Galvanized, Add	34.73	
For Stainless Steel, Add	138.90	
04 05 19 13-0116 CLF #16 (For 16" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	143.30	
For Hot-Dipped Galvanized, Add	37.18	
For Stainless Steel, Add	148.70	
04 05 19 13-0117 CLF #18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	152.21	
For Hot-Dipped Galvanized, Add	39.58	
For Stainless Steel, Add	158.30	
04 05 19 13-0118 Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement (04 05 19 13-0062)		
04 05 19 13-0119 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement (04 05 19 13-0118)		
04 05 19 13-0120 CLF #8 (For 4" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	118.30	
For Hot-Dipped Galvanized, Add	36.00	
For Stainless Steel, Add	143.98	
04 05 19 13-0121 CLF #10 (For 6" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	125.64	
For Hot-Dipped Galvanized, Add	37.10	
For Stainless Steel, Add	148.38	
04 05 19 13-0122 CLF #12 (For 8" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	133.02	
For Hot-Dipped Galvanized, Add	38.21	
For Stainless Steel, Add	152.84	
04 05 19 13-0123 CLF #14 (For 10" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	143.22	
For Hot-Dipped Galvanized, Add	39.45	
For Stainless Steel, Add	157.80	
04 05 19 13-0124 CLF #16 (For 12" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	150.33	
For Hot-Dipped Galvanized, Add	40.69	
For Stainless Steel, Add	162.76	
04 05 19 13-0125 CLF #18 (For 14" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	158.22	
For Hot-Dipped Galvanized, Add	42.58	
For Stainless Steel, Add	170.32	
04 05 19 13-0126 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement (04 05 19 13-0118)		
04 05 19 13-0127 CLF #8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	140.20	
For Hot-Dipped Galvanized, Add	46.95	
For Stainless Steel, Add	187.78	
04 05 19 13-0128 CLF #10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	147.58	
For Hot-Dipped Galvanized, Add	48.07	
For Stainless Steel, Add	192.26	
04 05 19 13-0129 CLF #12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	155.23	
For Hot-Dipped Galvanized, Add	49.32	
For Stainless Steel, Add	197.26	
04 05 19 13-0130 CLF #14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	165.15	
For Hot-Dipped Galvanized, Add	50.42	
For Stainless Steel, Add	201.66	

04 Masonry**04 05 Common Work Results for Masonry****04 05 19 Masonry Anchorage and Reinforcing**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0131	CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	172.29	
		For Hot-Dipped Galvanized, Add	51.67	
		For Stainless Steel, Add	206.68	
04 05 19 13-0132	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	178.91	
		For Hot-Dipped Galvanized, Add	52.93	
		For Stainless Steel, Add	211.70	
04 05 19 13-0133		3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement (04 05 19 13-0118)		
04 05 19 13-0134	CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	141.82	
		For Hot-Dipped Galvanized, Add	47.76	
		For Stainless Steel, Add	191.02	
04 05 19 13-0135	CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	150.39	
		For Hot-Dipped Galvanized, Add	49.47	
		For Stainless Steel, Add	197.88	
04 05 19 13-0136	CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	158.95	
		For Hot-Dipped Galvanized, Add	51.18	
		For Stainless Steel, Add	204.70	
04 05 19 13-0137	CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	170.79	
		For Hot-Dipped Galvanized, Add	53.24	
		For Stainless Steel, Add	212.94	
04 05 19 13-0138	CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	179.51	
		For Hot-Dipped Galvanized, Add	55.28	
		For Stainless Steel, Add	221.12	
04 05 19 13-0139	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	187.68	
		For Hot-Dipped Galvanized, Add	57.31	
		For Stainless Steel, Add	229.24	
04 05 19 13-0140		Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement (04 05 19 13-0002)		
04 05 19 13-0141		9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement (04 05 19 13-0140)		
04 05 19 13-0142	CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	127.53	
		For Hot-Dipped Galvanized, Add	38.04	
		For Stainless Steel, Add	152.16	
04 05 19 13-0143	CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	134.85	
		For Hot-Dipped Galvanized, Add	39.13	
		For Stainless Steel, Add	156.50	
04 05 19 13-0144	CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	144.74	
		For Hot-Dipped Galvanized, Add	40.21	
		For Stainless Steel, Add	160.84	
04 05 19 13-0145	CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	151.94	
		For Hot-Dipped Galvanized, Add	41.50	
		For Stainless Steel, Add	165.98	
04 05 19 13-0146	CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	158.53	
		For Hot-Dipped Galvanized, Add	42.74	
		For Stainless Steel, Add	170.94	
04 05 19 13-0147	CLF	#20 (For 14" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	166.38	
		For Hot-Dipped Galvanized, Add	45.23	
		For Stainless Steel, Add	180.92	
04 05 19 13-0148		3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement (04 05 19 13-0140)		
04 05 19 13-0149	CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	149.46	
		For Hot-Dipped Galvanized, Add	49.01	
		For Stainless Steel, Add	196.02	
04 05 19 13-0150	CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	156.81	
		For Hot-Dipped Galvanized, Add	50.11	
		For Stainless Steel, Add	200.42	
04 05 19 13-0151	CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	167.01	
		For Hot-Dipped Galvanized, Add	51.35	
		For Stainless Steel, Add	205.38	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0152	CLF	#16	(For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	173.84	
			For Hot-Dipped Galvanized, Add	52.45	
			For Stainless Steel, Add	209.78	
04 05 19 13-0153	CLF	#18	(For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	180.46	
			For Hot-Dipped Galvanized, Add	53.70	
			For Stainless Steel, Add	214.80	
04 05 19 13-0154	CLF	#20	(For 14" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	188.59	
			For Hot-Dipped Galvanized, Add	56.34	
			For Stainless Steel, Add	225.34	
04 05 19 13-0155			3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....		
			(04 05 19 13-0140)		
04 05 19 13-0156	CLF	#10	(For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	151.01	
			For Hot-Dipped Galvanized, Add	49.78	
			For Stainless Steel, Add	199.12	
04 05 19 13-0157	CLF	#12	(For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	159.60	
			For Hot-Dipped Galvanized, Add	51.50	
			For Stainless Steel, Add	206.00	
04 05 19 13-0158	CLF	#14	(For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	170.79	
			For Hot-Dipped Galvanized, Add	53.24	
			For Stainless Steel, Add	212.94	
04 05 19 13-0159	CLF	#16	(For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	179.51	
			For Hot-Dipped Galvanized, Add	55.28	
			For Stainless Steel, Add	221.12	
04 05 19 13-0160	CLF	#18	(For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	187.68	
			For Hot-Dipped Galvanized, Add	57.31	
			For Stainless Steel, Add	229.24	
04 05 19 13-0161	CLF	#20	(For 14" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	196.36	
			For Hot-Dipped Galvanized, Add	60.22	
			For Stainless Steel, Add	240.88	
04 05 19 13-0162			Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....		
			(04 05 19 13-0002)		
04 05 19 13-0163			9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....		
			(04 05 19 13-0162)		
04 05 19 13-0164	CLF	#8	(For 4" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	120.31	
			For Hot-Dipped Galvanized, Add	34.43	
			For Stainless Steel, Add	137.72	
			For Seismic Hook And Eye, Add	14.80	
04 05 19 13-0165	CLF	#10	(For 6" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	127.26	
			For Hot-Dipped Galvanized, Add	35.33	
			For Stainless Steel, Add	141.32	
			For Seismic Hook And Eye, Add	15.19	
04 05 19 13-0166	CLF	#12	(For 8" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	136.90	
			For Hot-Dipped Galvanized, Add	36.29	
			For Stainless Steel, Add	145.16	
			For Seismic Hook And Eye, Add	15.60	
04 05 19 13-0167	CLF	#14	(For 10" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	143.58	
			For Hot-Dipped Galvanized, Add	37.32	
			For Stainless Steel, Add	149.26	
			For Seismic Hook And Eye, Add	16.05	
04 05 19 13-0168	CLF	#16	(For 12" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	149.82	
			For Hot-Dipped Galvanized, Add	38.38	
			For Stainless Steel, Add	153.52	
			For Seismic Hook And Eye, Add	16.50	
04 05 19 13-0169	CLF	#18	(For 14" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	154.60	
			For Hot-Dipped Galvanized, Add	39.34	
			For Stainless Steel, Add	157.36	
			For Seismic Hook And Eye, Add	16.92	
04 05 19 13-0170			3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....		
			(04 05 19 13-0162)		

04 Masonry**04 05 Common Work Results for Masonry****04 05 19 Masonry Anchorage and Reinforcing**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0171	CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	140.88	
		For Hot-Dipped Galvanized, Add	44.72	
		For Stainless Steel, Add	178.86	
		For Seismic Hook And Eye, Add	19.23	
04 05 19 13-0172	CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	147.43	
		For Hot-Dipped Galvanized, Add	45.42	
		For Stainless Steel, Add	181.66	
		For Seismic Hook And Eye, Add	19.53	
04 05 19 13-0173	CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	157.13	
		For Hot-Dipped Galvanized, Add	46.41	
		For Stainless Steel, Add	185.62	
		For Seismic Hook And Eye, Add	19.95	
04 05 19 13-0174	CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	163.68	
		For Hot-Dipped Galvanized, Add	47.37	
		For Stainless Steel, Add	189.46	
		For Seismic Hook And Eye, Add	20.37	
04 05 19 13-0175	CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	169.71	
		For Hot-Dipped Galvanized, Add	48.33	
		For Stainless Steel, Add	193.30	
		For Seismic Hook And Eye, Add	20.78	
04 05 19 13-0176	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	176.72	
		For Hot-Dipped Galvanized, Add	50.40	
		For Stainless Steel, Add	201.60	
		For Seismic Hook And Eye, Add	21.67	
04 05 19 13-0177		3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement (04 05 19 13-0162)		
04 05 19 13-0178	CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	142.40	
		For Hot-Dipped Galvanized, Add	45.48	
		For Stainless Steel, Add	181.90	
		For Seismic Hook And Eye, Add	19.55	
04 05 19 13-0179	CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	150.84	
		For Hot-Dipped Galvanized, Add	47.12	
		For Stainless Steel, Add	188.48	
		For Seismic Hook And Eye, Add	20.26	
04 05 19 13-0180	CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	161.81	
		For Hot-Dipped Galvanized, Add	48.75	
		For Stainless Steel, Add	194.98	
		For Seismic Hook And Eye, Add	20.96	
04 05 19 13-0181	CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	170.34	
		For Hot-Dipped Galvanized, Add	50.70	
		For Stainless Steel, Add	202.78	
		For Seismic Hook And Eye, Add	21.80	
04 05 19 13-0182	CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	178.35	
		For Hot-Dipped Galvanized, Add	52.65	
		For Stainless Steel, Add	210.58	
		For Seismic Hook And Eye, Add	22.64	
04 05 19 13-0183	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	185.09	
		For Hot-Dipped Galvanized, Add	54.59	
		For Stainless Steel, Add	218.34	
		For Seismic Hook And Eye, Add	23.47	
04 05 19 13-0184		Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement (04 05 19 13-0002)		
04 05 19 13-0185		9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement (04 05 19 13-0184)		
04 05 19 13-0186	CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	129.55	
		For Hot-Dipped Galvanized, Add	36.48	
		For Stainless Steel, Add	145.90	
		For Seismic Hook And Eye, Add	15.68	
04 05 19 13-0187	CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	139.04	
		For Hot-Dipped Galvanized, Add	37.36	
		For Stainless Steel, Add	149.44	
		For Seismic Hook And Eye, Add	16.06	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0188	CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	145.44	
		For Hot-Dipped Galvanized, Add	38.25	
		For Stainless Steel, Add	152.98	
		For Seismic Hook And Eye, Add	16.45	
04 05 19 13-0189	CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	151.81	
		For Hot-Dipped Galvanized, Add	39.38	
		For Stainless Steel, Add	157.50	
		For Seismic Hook And Eye, Add	16.93	
04 05 19 13-0190	CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	156.71	
		For Hot-Dipped Galvanized, Add	40.40	
		For Stainless Steel, Add	161.58	
		For Seismic Hook And Eye, Add	17.37	
04 05 19 13-0191		3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement (04 05 19 13-0184)		
04 05 19 13-0192	CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	149.38	
		For Hot-Dipped Galvanized, Add	46.39	
		For Stainless Steel, Add	185.56	
		For Seismic Hook And Eye, Add	19.95	
04 05 19 13-0193	CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	159.02	
		For Hot-Dipped Galvanized, Add	47.35	
		For Stainless Steel, Add	189.40	
		For Seismic Hook And Eye, Add	20.36	
04 05 19 13-0194	CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	165.69	
		For Hot-Dipped Galvanized, Add	48.37	
		For Stainless Steel, Add	193.48	
		For Seismic Hook And Eye, Add	20.80	
04 05 19 13-0195	CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	171.45	
		For Hot-Dipped Galvanized, Add	49.20	
		For Stainless Steel, Add	196.78	
		For Seismic Hook And Eye, Add	21.15	
04 05 19 13-0196	CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	176.54	
		For Hot-Dipped Galvanized, Add	50.31	
		For Stainless Steel, Add	201.24	
		For Seismic Hook And Eye, Add	21.63	
04 05 19 13-0197		3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement (04 05 19 13-0184)		
04 05 19 13-0198	CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	151.42	
		For Hot-Dipped Galvanized, Add	47.41	
		For Stainless Steel, Add	189.64	
		For Seismic Hook And Eye, Add	20.39	
04 05 19 13-0199	CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	162.43	
		For Hot-Dipped Galvanized, Add	49.06	
		For Stainless Steel, Add	196.22	
		For Seismic Hook And Eye, Add	21.09	
04 05 19 13-0200	CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	170.34	
		For Hot-Dipped Galvanized, Add	50.70	
		For Stainless Steel, Add	202.78	
		For Seismic Hook And Eye, Add	21.80	
04 05 19 13-0201	CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	178.35	
		For Hot-Dipped Galvanized, Add	52.65	
		For Stainless Steel, Add	210.58	
		For Seismic Hook And Eye, Add	22.64	
04 05 19 13-0202	CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	185.09	
		For Hot-Dipped Galvanized, Add	54.59	
		For Stainless Steel, Add	218.34	
		For Seismic Hook And Eye, Add	23.47	
04 05 19 13-0203		Truss-Type, Masonry Wall Reinforcement (04 05 19 13-0001)		
04 05 19 13-0204		Truss-Type, Masonry Wall Reinforcement (04 05 19 13-0203)		
04 05 19 13-0205		Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement (04 05 19 13-0204)		
04 05 19 13-0206	CLF	#4 (For 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	64.36	
		For Hot-Dipped Galvanized, Add	14.35	
		For Stainless Steel, Add	57.38	

04 Masonry**04 05 Common Work Results for Masonry****04 05 19 Masonry Anchorage and Reinforcing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0207	CLF	#6 (For 6" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	67.11		
		For Hot-Dipped Galvanized, Add	14.50		
		For Stainless Steel, Add	58.00		
04 05 19 13-0208	CLF	#8 (For 8" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	71.72		
		For Hot-Dipped Galvanized, Add	15.07		
		For Stainless Steel, Add	60.28		
04 05 19 13-0209	CLF	#10 (For 10" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	77.36		
		For Hot-Dipped Galvanized, Add	15.82		
		For Stainless Steel, Add	63.26		
04 05 19 13-0210	CLF	#12 (For 12" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	84.12		
		For Hot-Dipped Galvanized, Add	16.65		
		For Stainless Steel, Add	66.60		
04 05 19 13-0211	CLF	#13 (For 13" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	89.08		
		For Hot-Dipped Galvanized, Add	17.10		
		For Stainless Steel, Add	68.40		
04 05 19 13-0212	CLF	#14 (For 14" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	92.67		
		For Hot-Dipped Galvanized, Add	17.75		
		For Stainless Steel, Add	71.00		
04 05 19 13-0213	CLF	#16 (For 16" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	111.14		
		For Hot-Dipped Galvanized, Add	24.94		
		For Stainless Steel, Add	99.74		
04 05 19 13-0214	CLF	#18 (For 18" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	117.65		
		For Hot-Dipped Galvanized, Add	26.36		
		For Stainless Steel, Add	105.44		
04 05 19 13-0215	CLF	#20 (For 20" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	160.71		
		For Hot-Dipped Galvanized, Add	45.60		
		For Stainless Steel, Add	182.40		
04 05 19 13-0216		Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement (04 05 19 13-0204)			
04 05 19 13-0217	CLF	#4 (For 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	75.45		
		For Hot-Dipped Galvanized, Add	19.89		
		For Stainless Steel, Add	79.56		
04 05 19 13-0218	CLF	#6 (For 6" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	78.44		
		For Hot-Dipped Galvanized, Add	20.17		
		For Stainless Steel, Add	80.66		
04 05 19 13-0219	CLF	#8 (For 8" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	83.06		
		For Hot-Dipped Galvanized, Add	20.74		
		For Stainless Steel, Add	82.96		
04 05 19 13-0220	CLF	#10 (For 10" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	88.67		
		For Hot-Dipped Galvanized, Add	21.47		
		For Stainless Steel, Add	85.88		
04 05 19 13-0221	CLF	#12 (For 12" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	95.27		
		For Hot-Dipped Galvanized, Add	22.23		
		For Stainless Steel, Add	88.90		
04 05 19 13-0222	CLF	#13 (For 13" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	100.38		
		For Hot-Dipped Galvanized, Add	22.76		
		For Stainless Steel, Add	91.02		
04 05 19 13-0223	CLF	#14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	103.79		
		For Hot-Dipped Galvanized, Add	23.31		
		For Stainless Steel, Add	93.24		
04 05 19 13-0224	CLF	#16 (For 16" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	126.08		
		For Hot-Dipped Galvanized, Add	32.41		
		For Stainless Steel, Add	129.62		
04 05 19 13-0225	CLF	#18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	132.59		
		For Hot-Dipped Galvanized, Add	33.83		
		For Stainless Steel, Add	135.32		
04 05 19 13-0226	CLF	#20 (For 20" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	192.75		
		For Hot-Dipped Galvanized, Add	63.91		
		For Stainless Steel, Add	255.64		
04 05 19 13-0227		Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement (04 05 19 13-0204)			



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0228	CLF	#4 (For 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	92.42		
		For Hot-Dipped Galvanized, Add	28.38		
		For Stainless Steel, Add	113.50		
04 05 19 13-0229	CLF	#6 (For 6" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	95.88		
		For Hot-Dipped Galvanized, Add	28.73		
		For Stainless Steel, Add	114.92		
04 05 19 13-0230	CLF	#8 (For 8" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	100.73		
		For Hot-Dipped Galvanized, Add	29.79		
		For Stainless Steel, Add	119.14		
04 05 19 13-0231	CLF	#10 (For 10" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	108.18		
		For Hot-Dipped Galvanized, Add	31.23		
		For Stainless Steel, Add	124.90		
04 05 19 13-0232	CLF	#12 (For 12" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	116.36		
		For Hot-Dipped Galvanized, Add	33.03		
		For Stainless Steel, Add	132.10		
04 05 19 13-0233	CLF	#13 (For 13" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	122.57		
		For Hot-Dipped Galvanized, Add	33.85		
		For Stainless Steel, Add	135.38		
04 05 19 13-0234	CLF	#14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	127.30		
		For Hot-Dipped Galvanized, Add	35.07		
		For Stainless Steel, Add	140.26		
04 05 19 13-0235	CLF	#16 (For 16" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	159.73		
		For Hot-Dipped Galvanized, Add	49.23		
		For Stainless Steel, Add	196.90		
04 05 19 13-0236	CLF	#18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	168.96		
		For Hot-Dipped Galvanized, Add	52.01		
		For Stainless Steel, Add	208.04		
04 05 19 13-0237	CLF	#20 (For 20" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	249.37		
		For Hot-Dipped Galvanized, Add	89.93		
		For Stainless Steel, Add	359.72		
04 05 19 13-0238		Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement (04 05 19 13-0204)			
04 05 19 13-0239	CLF	#4 (For 4" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	81.72		
		For Hot-Dipped Galvanized, Add	23.03		
		For Stainless Steel, Add	92.10		
04 05 19 13-0240	CLF	#6 (For 6" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	85.17		
		For Hot-Dipped Galvanized, Add	23.53		
		For Stainless Steel, Add	94.12		
04 05 19 13-0241	CLF	#8 (For 8" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	89.78		
		For Hot-Dipped Galvanized, Add	24.11		
		For Stainless Steel, Add	96.42		
04 05 19 13-0242	CLF	#10 (For 10" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	95.24		
		For Hot-Dipped Galvanized, Add	24.76		
		For Stainless Steel, Add	99.02		
04 05 19 13-0243	CLF	#12 (For 12" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	101.59		
		For Hot-Dipped Galvanized, Add	25.39		
		For Stainless Steel, Add	101.54		
04 05 19 13-0244	CLF	#13 (For 13" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	106.27		
		For Hot-Dipped Galvanized, Add	25.70		
		For Stainless Steel, Add	102.78		
04 05 19 13-0245	CLF	#14 (For 14" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	109.71		
		For Hot-Dipped Galvanized, Add	26.05		
		For Stainless Steel, Add	104.20		
04 05 19 13-0246	CLF	#16 (For 16" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	123.24		
		For Hot-Dipped Galvanized, Add	30.98		
		For Stainless Steel, Add	123.92		
04 05 19 13-0247		Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement (04 05 19 13-0204)			
04 05 19 13-0248	CLF	#4 (For 4" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	92.94		
		For Hot-Dipped Galvanized, Add	28.64		
		For Stainless Steel, Add	114.54		
04 05 19 13-0249	CLF	#6 (For 6" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	96.53		
		For Hot-Dipped Galvanized, Add	29.21		
		For Stainless Steel, Add	116.84		

04 Masonry**04 05 Common Work Results for Masonry****04 05 19 Masonry Anchorage and Reinforcing**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0250	CLF	#8 (For 8" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	101.25	
		For Hot-Dipped Galvanized, Add	29.84	
		For Stainless Steel, Add	119.36	
04 05 19 13-0251	CLF	#10 (For 10" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	106.59	
		For Hot-Dipped Galvanized, Add	30.43	
		For Stainless Steel, Add	121.72	
04 05 19 13-0252	CLF	#12 (For 12" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	112.92	
		For Hot-Dipped Galvanized, Add	31.05	
		For Stainless Steel, Add	124.20	
04 05 19 13-0253	CLF	#13 (For 13" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	117.65	
		For Hot-Dipped Galvanized, Add	31.39	
		For Stainless Steel, Add	125.56	
04 05 19 13-0254	CLF	#14 (For 14" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	121.02	
		For Hot-Dipped Galvanized, Add	31.70	
		For Stainless Steel, Add	126.80	
04 05 19 13-0255	CLF	#16 (For 16" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	138.15	
		For Hot-Dipped Galvanized, Add	38.44	
		For Stainless Steel, Add	153.76	
04 05 19 13-0256	CLF	#18 (For 18" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	172.23	
		For Hot-Dipped Galvanized, Add	53.65	
		For Stainless Steel, Add	214.60	
04 05 19 13-0257		Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement (04 05 19 13-0204)		
04 05 19 13-0258	CLF	#4 (For 4" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	103.79	
		For Hot-Dipped Galvanized, Add	34.06	
		For Stainless Steel, Add	136.24	
04 05 19 13-0259	CLF	#6 (For 6" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	108.87	
		For Hot-Dipped Galvanized, Add	35.23	
		For Stainless Steel, Add	140.90	
04 05 19 13-0260	CLF	#8 (For 8" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	113.94	
		For Hot-Dipped Galvanized, Add	36.39	
		For Stainless Steel, Add	145.56	
04 05 19 13-0261	CLF	#10 (For 10" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	121.29	
		For Hot-Dipped Galvanized, Add	37.78	
		For Stainless Steel, Add	151.12	
04 05 19 13-0262	CLF	#12 (For 12" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	128.64	
		For Hot-Dipped Galvanized, Add	39.17	
		For Stainless Steel, Add	156.66	
04 05 19 13-0263	CLF	#13 (For 13" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	134.69	
		For Hot-Dipped Galvanized, Add	39.91	
		For Stainless Steel, Add	159.62	
04 05 19 13-0264	CLF	#14 (For 14" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	138.24	
		For Hot-Dipped Galvanized, Add	40.54	
		For Stainless Steel, Add	162.14	
04 05 19 13-0265	CLF	#16 (For 16" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	144.89	
		For Hot-Dipped Galvanized, Add	41.81	
		For Stainless Steel, Add	167.22	
04 05 19 13-0266	CLF	#18 (For 18" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	186.79	
		For Hot-Dipped Galvanized, Add	60.93	
		For Stainless Steel, Add	243.70	
04 05 19 13-0267		Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement (04 05 19 13-0204)		
04 05 19 13-0268	CLF	#4 (For 4" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	107.54	
		For Hot-Dipped Galvanized, Add	35.94	
		For Stainless Steel, Add	143.74	
04 05 19 13-0269	CLF	#6 (For 6" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	110.98	
		For Hot-Dipped Galvanized, Add	36.44	
		For Stainless Steel, Add	145.74	
04 05 19 13-0270	CLF	#8 (For 8" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	115.59	
		For Hot-Dipped Galvanized, Add	37.01	
		For Stainless Steel, Add	148.04	



MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST		UNIT COST
04 05 19 13-0271	CLF #10 (For 10" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement		121.05	
	For Hot-Dipped Galvanized, Add		37.66	
	For Stainless Steel, Add		150.64	
04 05 19 13-0272	CLF #12 (For 12" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement		127.41	
	For Hot-Dipped Galvanized, Add		38.30	
	For Stainless Steel, Add		153.18	
04 05 19 13-0273	CLF #13 (For 13" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement		132.09	
	For Hot-Dipped Galvanized, Add		38.61	
	For Stainless Steel, Add		154.42	
04 05 19 13-0274	CLF #14 (For 14" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement		135.53	
	For Hot-Dipped Galvanized, Add		38.96	
	For Stainless Steel, Add		155.84	
04 05 19 13-0275	CLF #16 (For 16" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement		149.05	
	For Hot-Dipped Galvanized, Add		43.89	
	For Stainless Steel, Add		175.54	
04 05 19 13-0276	CLF #18 (For 18" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement		172.44	
	For Hot-Dipped Galvanized, Add		53.76	
	For Stainless Steel, Add		215.02	
04 05 19 13-0277	Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement			
	(04 05 19 13-0204)			
04 05 19 13-0278	CLF #4 (For 4" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement		118.75	
	For Hot-Dipped Galvanized, Add		41.54	
	For Stainless Steel, Add		166.16	
04 05 19 13-0279	CLF #6 (For 6" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement		122.34	
	For Hot-Dipped Galvanized, Add		42.12	
	For Stainless Steel, Add		168.46	
04 05 19 13-0280	CLF #8 (For 8" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement		127.07	
	For Hot-Dipped Galvanized, Add		42.75	
	For Stainless Steel, Add		171.00	
04 05 19 13-0281	CLF #10 (For 10" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement		132.41	
	For Hot-Dipped Galvanized, Add		43.34	
	For Stainless Steel, Add		173.36	
04 05 19 13-0282	CLF #12 (For 12" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement		138.74	
	For Hot-Dipped Galvanized, Add		43.96	
	For Stainless Steel, Add		175.84	
04 05 19 13-0283	CLF #13 (For 13" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement		143.47	
	For Hot-Dipped Galvanized, Add		44.30	
	For Stainless Steel, Add		177.20	
04 05 19 13-0284	CLF #14 (For 14" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement		146.84	
	For Hot-Dipped Galvanized, Add		44.61	
	For Stainless Steel, Add		178.44	
04 05 19 13-0285	CLF #16 (For 16" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement		163.97	
	For Hot-Dipped Galvanized, Add		51.35	
	For Stainless Steel, Add		205.40	
04 05 19 13-0286	CLF #18 (For 18" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement		198.05	
	For Hot-Dipped Galvanized, Add		66.56	
	For Stainless Steel, Add		266.24	
04 05 19 13-0287	Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement			
	(04 05 19 13-0204)			
04 05 19 13-0288	CLF #4 (For 4" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement		129.61	
	For Hot-Dipped Galvanized, Add		46.97	
	For Stainless Steel, Add		187.88	
04 05 19 13-0289	CLF #6 (For 6" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement		134.69	
	For Hot-Dipped Galvanized, Add		48.14	
	For Stainless Steel, Add		192.54	
04 05 19 13-0290	CLF #8 (For 8" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement		139.76	
	For Hot-Dipped Galvanized, Add		49.30	
	For Stainless Steel, Add		197.20	
04 05 19 13-0291	CLF #10 (For 10" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement		147.10	
	For Hot-Dipped Galvanized, Add		50.69	
	For Stainless Steel, Add		202.74	

04 Masonry**04 05 Common Work Results for Masonry****04 05 19 Masonry Anchorage and Reinforcing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0292	CLF	#12 (For 12" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	154.46		
		For Hot-Dipped Galvanized, Add	52.08		
		For Stainless Steel, Add	208.30		
04 05 19 13-0293	CLF	#13 (For 13" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	160.50		
		For Hot-Dipped Galvanized, Add	52.81		
		For Stainless Steel, Add	211.24		
04 05 19 13-0294	CLF	#14 (For 14" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	164.06		
		For Hot-Dipped Galvanized, Add	53.45		
		For Stainless Steel, Add	213.78		
04 05 19 13-0295	CLF	#16 (For 16" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	170.71		
		For Hot-Dipped Galvanized, Add	54.72		
		For Stainless Steel, Add	218.86		
04 05 19 13-0296	CLF	#18 (For 18" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	212.60		
		For Hot-Dipped Galvanized, Add	73.83		
		For Stainless Steel, Add	295.32		
04 05 19 13-0297		Truss-Type With Tabs, Masonry Wall Reinforcement (04 05 19 13-0203)			
04 05 19 13-0298		9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement (04 05 19 13-0297)			
04 05 19 13-0299	CLF	#8 (For 8" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	91.26		
		For Hot-Dipped Galvanized, Add	22.48		
		For Stainless Steel, Add	89.90		
04 05 19 13-0300	CLF	#10 (For 10" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	98.57		
		For Hot-Dipped Galvanized, Add	23.56		
		For Stainless Steel, Add	94.24		
04 05 19 13-0301	CLF	#12 (For 12" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	106.47		
		For Hot-Dipped Galvanized, Add	24.94		
		For Stainless Steel, Add	99.74		
04 05 19 13-0302	CLF	#13 (For 13" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	113.50		
		For Hot-Dipped Galvanized, Add	25.88		
		For Stainless Steel, Add	103.52		
04 05 19 13-0303	CLF	#14 (For 14" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	117.66		
		For Hot-Dipped Galvanized, Add	26.67		
		For Stainless Steel, Add	106.68		
04 05 19 13-0304	CLF	#16 (For 16" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	126.10		
		For Hot-Dipped Galvanized, Add	28.58		
		For Stainless Steel, Add	114.30		
04 05 19 13-0305	CLF	#18 (For 18" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	134.02		
		For Hot-Dipped Galvanized, Add	30.48		
		For Stainless Steel, Add	121.92		
04 05 19 13-0306		3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement (04 05 19 13-0297)			
04 05 19 13-0307	CLF	#8 (For 8" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	105.26		
		For Hot-Dipped Galvanized, Add	29.48		
		For Stainless Steel, Add	117.90		
04 05 19 13-0308	CLF	#10 (For 10" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	112.60		
		For Hot-Dipped Galvanized, Add	30.58		
		For Stainless Steel, Add	122.30		
04 05 19 13-0309	CLF	#12 (For 12" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	120.45		
		For Hot-Dipped Galvanized, Add	31.93		
		For Stainless Steel, Add	127.70		
04 05 19 13-0310	CLF	#13 (For 13" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	127.51		
		For Hot-Dipped Galvanized, Add	32.89		
		For Stainless Steel, Add	131.54		
04 05 19 13-0311	CLF	#14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	131.57		
		For Hot-Dipped Galvanized, Add	33.63		
		For Stainless Steel, Add	134.50		
04 05 19 13-0312	CLF	#16 (For 16" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	140.04		
		For Hot-Dipped Galvanized, Add	35.55		
		For Stainless Steel, Add	142.18		



MINOR		TOTAL DIRECT		DEMOLITION
CSI UOM DESCRIPTION		UNIT COST		UNIT COST
04 05 19 13-0313	CLF #18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement		148.03	
	For Hot-Dipped Galvanized, Add		37.49	
	For Stainless Steel, Add		149.94	
04 05 19 13-0314	3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement			
04 05 19 13-0315	CLF #8 (For 8" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement		118.24	
	For Hot-Dipped Galvanized, Add		35.97	
	For Stainless Steel, Add		143.86	
04 05 19 13-0316	CLF #10 (For 10" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement		126.79	
	For Hot-Dipped Galvanized, Add		37.67	
	For Stainless Steel, Add		150.68	
04 05 19 13-0317	CLF #12 (For 12" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement		136.62	
	For Hot-Dipped Galvanized, Add		40.01	
	For Stainless Steel, Add		160.04	
04 05 19 13-0318	CLF #13 (For 13" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement		144.30	
	For Hot-Dipped Galvanized, Add		41.28	
	For Stainless Steel, Add		165.12	
04 05 19 13-0319	CLF #14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement		149.42	
	For Hot-Dipped Galvanized, Add		42.55	
	For Stainless Steel, Add		170.20	
04 05 19 13-0320	CLF #16 (For 16" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement		159.78	
	For Hot-Dipped Galvanized, Add		45.42	
	For Stainless Steel, Add		181.66	
04 05 19 13-0321	CLF #18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement		168.63	
	For Hot-Dipped Galvanized, Add		47.79	
	For Stainless Steel, Add		191.14	
04 05 19 13-0322	Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement			
04 05 19 13-0323	9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement			
04 05 19 13-0324	CLF #8 (For 4" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement		134.91	
	For Hot-Dipped Galvanized, Add		44.30	
	For Stainless Steel, Add		177.20	
04 05 19 13-0325	CLF #10 (For 6" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement		140.67	
	For Hot-Dipped Galvanized, Add		44.61	
	For Stainless Steel, Add		178.44	
04 05 19 13-0326	CLF #12 (For 8" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement		147.99	
	For Hot-Dipped Galvanized, Add		45.70	
	For Stainless Steel, Add		182.78	
04 05 19 13-0327	CLF #14 (For 10" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement		158.59	
	For Hot-Dipped Galvanized, Add		47.14	
	For Stainless Steel, Add		188.54	
04 05 19 13-0328	CLF #16 (For 12" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement		166.62	
	For Hot-Dipped Galvanized, Add		48.84	
	For Stainless Steel, Add		195.34	
04 05 19 13-0329	CLF #18 (For 14" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement		174.89	
	For Hot-Dipped Galvanized, Add		50.92	
	For Stainless Steel, Add		203.66	
04 05 19 13-0330	3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement			
04 05 19 13-0331	CLF #8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement		156.56	
	For Hot-Dipped Galvanized, Add		55.13	
	For Stainless Steel, Add		220.50	
04 05 19 13-0332	CLF #10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement		162.63	
	For Hot-Dipped Galvanized, Add		55.59	
	For Stainless Steel, Add		222.36	
04 05 19 13-0333	CLF #12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement		169.95	
	For Hot-Dipped Galvanized, Add		56.68	
	For Stainless Steel, Add		226.70	

04 Masonry**04 05 Common Work Results for Masonry****04 05 19 Masonry Anchorage and Reinforcing**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0334	CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	180.49	
		For Hot-Dipped Galvanized, Add	58.09	
		For Stainless Steel, Add	232.34	
04 05 19 13-0335	CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	188.25	
		For Hot-Dipped Galvanized, Add	59.65	
		For Stainless Steel, Add	238.60	
04 05 19 13-0336	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	195.52	
		For Hot-Dipped Galvanized, Add	61.23	
		For Stainless Steel, Add	244.92	
04 05 19 13-0337		3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement (04 05 19 13-0322)		
04 05 19 13-0338	CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	168.43	
		For Hot-Dipped Galvanized, Add	61.06	
		For Stainless Steel, Add	244.24	
04 05 19 13-0339	CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	174.50	
		For Hot-Dipped Galvanized, Add	61.53	
		For Stainless Steel, Add	246.10	
04 05 19 13-0340	CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	183.05	
		For Hot-Dipped Galvanized, Add	63.23	
		For Stainless Steel, Add	252.90	
04 05 19 13-0341	CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	195.23	
		For Hot-Dipped Galvanized, Add	65.46	
		For Stainless Steel, Add	261.82	
04 05 19 13-0342	CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	205.50	
		For Hot-Dipped Galvanized, Add	68.28	
		For Stainless Steel, Add	273.10	
04 05 19 13-0343	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	215.87	
		For Hot-Dipped Galvanized, Add	71.41	
		For Stainless Steel, Add	285.62	
04 05 19 13-0344		Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement (04 05 19 13-0203)		
04 05 19 13-0345		9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement (04 05 19 13-0344)		
04 05 19 13-0346	CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	144.17	
		For Hot-Dipped Galvanized, Add	46.36	
		For Stainless Steel, Add	185.44	
04 05 19 13-0347	CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	149.97	
		For Hot-Dipped Galvanized, Add	46.69	
		For Stainless Steel, Add	186.74	
04 05 19 13-0348	CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	159.79	
		For Hot-Dipped Galvanized, Add	47.74	
		For Stainless Steel, Add	190.94	
04 05 19 13-0349	CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	167.27	
		For Hot-Dipped Galvanized, Add	49.16	
		For Stainless Steel, Add	196.64	
04 05 19 13-0350	CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	174.85	
		For Hot-Dipped Galvanized, Add	50.90	
		For Stainless Steel, Add	203.58	
04 05 19 13-0351	CLF	#20 (For 14" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	181.25	
		For Hot-Dipped Galvanized, Add	52.67	
		For Stainless Steel, Add	210.66	
04 05 19 13-0352		3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement (04 05 19 13-0344)		
04 05 19 13-0353	CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	165.76	
		For Hot-Dipped Galvanized, Add	57.16	
		For Stainless Steel, Add	228.62	
04 05 19 13-0354	CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	171.84	
		For Hot-Dipped Galvanized, Add	57.62	
		For Stainless Steel, Add	230.48	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0355	CLF	#14	(For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	181.73	
			For Hot-Dipped Galvanized, Add	58.71	
			For Stainless Steel, Add	234.82	
04 05 19 13-0356	CLF	#16	(For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	189.21	
			For Hot-Dipped Galvanized, Add	60.13	
			For Stainless Steel, Add	240.52	
04 05 19 13-0357	CLF	#18	(For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	196.45	
			For Hot-Dipped Galvanized, Add	61.70	
			For Stainless Steel, Add	246.78	
04 05 19 13-0358	CLF	#20	(For 14" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	203.02	
			For Hot-Dipped Galvanized, Add	63.55	
			For Stainless Steel, Add	254.20	
04 05 19 13-0359			3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement (04 05 19 13-0344)		
04 05 19 13-0360	CLF	#10	(For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	177.65	
			For Hot-Dipped Galvanized, Add	63.10	
			For Stainless Steel, Add	252.40	
04 05 19 13-0361	CLF	#12	(For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	183.70	
			For Hot-Dipped Galvanized, Add	63.55	
			For Stainless Steel, Add	254.20	
04 05 19 13-0362	CLF	#14	(For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	194.89	
			For Hot-Dipped Galvanized, Add	65.29	
			For Stainless Steel, Add	261.14	
04 05 19 13-0363	CLF	#16	(For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	203.95	
			For Hot-Dipped Galvanized, Add	67.50	
			For Stainless Steel, Add	270.00	
04 05 19 13-0364	CLF	#18	(For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	213.67	
			For Hot-Dipped Galvanized, Add	70.31	
			For Stainless Steel, Add	281.22	
04 05 19 13-0365	CLF	#20	(For 14" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	220.80	
			For Hot-Dipped Galvanized, Add	72.44	
			For Stainless Steel, Add	289.76	
04 05 19 13-0366			Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement (04 05 19 13-0203)		
04 05 19 13-0367			9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement (04 05 19 13-0366)		
04 05 19 13-0368	CLF	#8	(For 4" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	135.83	
			For Hot-Dipped Galvanized, Add	42.19	
			For Stainless Steel, Add	168.76	
			For Seismic Hook And Eye, Add	18.14	
04 05 19 13-0369	CLF	#10	(For 6" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	141.57	
			For Hot-Dipped Galvanized, Add	42.49	
			For Stainless Steel, Add	169.94	
			For Seismic Hook And Eye, Add	18.27	
04 05 19 13-0370	CLF	#12	(For 8" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	151.12	
			For Hot-Dipped Galvanized, Add	43.40	
			For Stainless Steel, Add	173.60	
			For Seismic Hook And Eye, Add	18.66	
04 05 19 13-0371	CLF	#14	(For 10" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	158.38	
			For Hot-Dipped Galvanized, Add	44.72	
			For Stainless Steel, Add	178.86	
			For Seismic Hook And Eye, Add	19.23	
04 05 19 13-0372	CLF	#16	(For 12" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	165.22	
			For Hot-Dipped Galvanized, Add	46.08	
			For Stainless Steel, Add	184.32	
			For Seismic Hook And Eye, Add	19.81	
04 05 19 13-0373	CLF	#18	(For 14" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	171.43	
			For Hot-Dipped Galvanized, Add	47.76	
			For Stainless Steel, Add	191.02	
			For Seismic Hook And Eye, Add	20.53	

04 Masonry**04 05 Common Work Results for Masonry****04 05 19 Masonry Anchorage and Reinforcing**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

04 05 19 13-0374	3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement (04 05 19 13-0366)		
04 05 19 13-0375	CLF #8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	155.72	
	For Hot-Dipped Galvanized, Add	52.14	
	For Stainless Steel, Add	208.54	
	For Seismic Hook And Eye, Add	22.42	
04 05 19 13-0376	CLF #10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	161.68	
	For Hot-Dipped Galvanized, Add	52.54	
	For Stainless Steel, Add	210.16	
	For Seismic Hook And Eye, Add	22.59	
04 05 19 13-0377	CLF #12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	171.07	
	For Hot-Dipped Galvanized, Add	53.38	
	For Stainless Steel, Add	213.50	
	For Seismic Hook And Eye, Add	22.95	
04 05 19 13-0378	CLF #14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	178.21	
	For Hot-Dipped Galvanized, Add	54.63	
	For Stainless Steel, Add	218.52	
	For Seismic Hook And Eye, Add	23.49	
04 05 19 13-0379	CLF #16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	185.02	
	For Hot-Dipped Galvanized, Add	55.98	
	For Stainless Steel, Add	223.92	
	For Seismic Hook And Eye, Add	24.07	
04 05 19 13-0380	CLF #18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	190.85	
	For Hot-Dipped Galvanized, Add	57.47	
	For Stainless Steel, Add	229.86	
	For Seismic Hook And Eye, Add	24.71	
04 05 19 13-0381	3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement (04 05 19 13-0366)		
04 05 19 13-0382	CLF #8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	167.74	
	For Hot-Dipped Galvanized, Add	58.15	
	For Stainless Steel, Add	232.58	
	For Seismic Hook And Eye, Add	25.00	
04 05 19 13-0383	CLF #10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	173.79	
	For Hot-Dipped Galvanized, Add	58.60	
	For Stainless Steel, Add	234.38	
	For Seismic Hook And Eye, Add	25.20	
04 05 19 13-0384	CLF #12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	184.76	
	For Hot-Dipped Galvanized, Add	60.22	
	For Stainless Steel, Add	240.88	
	For Seismic Hook And Eye, Add	25.89	
04 05 19 13-0385	CLF #14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	193.64	
	For Hot-Dipped Galvanized, Add	62.35	
	For Stainless Steel, Add	249.38	
	For Seismic Hook And Eye, Add	26.81	
04 05 19 13-0386	CLF #16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	203.11	
	For Hot-Dipped Galvanized, Add	65.03	
	For Stainless Steel, Add	260.10	
	For Seismic Hook And Eye, Add	27.96	
04 05 19 13-0387	CLF #18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	211.91	
	For Hot-Dipped Galvanized, Add	68.00	
	For Stainless Steel, Add	271.98	
	For Seismic Hook And Eye, Add	29.24	
04 05 19 13-0388	Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement (04 05 19 13-0203)		
04 05 19 13-0389	9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall (04 05 19 13-0388)		
04 05 19 13-0390	CLF #10 (For 4" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	144.95	
	For Hot-Dipped Galvanized, Add	44.18	
	For Stainless Steel, Add	176.70	
	For Seismic Hook And Eye, Add	19.00	
04 05 19 13-0391	CLF #12 (For 6" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	153.29	
	For Hot-Dipped Galvanized, Add	44.49	
	For Stainless Steel, Add	177.94	
	For Seismic Hook And Eye, Add	19.13	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0392	CLF	#14	(For 8" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	159.87	
			For Hot-Dipped Galvanized, Add	45.46	
			For Stainless Steel, Add	181.84	
			For Seismic Hook And Eye, Add	19.55	
04 05 19 13-0393	CLF	#16	(For 10" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	166.77	
			For Hot-Dipped Galvanized, Add	46.86	
			For Stainless Steel, Add	187.42	
			For Seismic Hook And Eye, Add	20.15	
04 05 19 13-0394	CLF	#18	(For 12" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	172.85	
			For Hot-Dipped Galvanized, Add	48.47	
			For Stainless Steel, Add	193.86	
			For Seismic Hook And Eye, Add	20.84	
04 05 19 13-0395			3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement (04 05 19 13-0388)		
04 05 19 13-0396	CLF	#10	(For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	166.39	
			For Hot-Dipped Galvanized, Add	54.90	
			For Stainless Steel, Add	219.58	
			For Seismic Hook And Eye, Add	23.60	
04 05 19 13-0397	CLF	#12	(For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	174.79	
			For Hot-Dipped Galvanized, Add	55.24	
			For Stainless Steel, Add	220.94	
			For Seismic Hook And Eye, Add	23.75	
04 05 19 13-0398	CLF	#14	(For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	181.31	
			For Hot-Dipped Galvanized, Add	56.18	
			For Stainless Steel, Add	224.72	
			For Seismic Hook And Eye, Add	24.16	
04 05 19 13-0399	CLF	#16	(For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	187.96	
			For Hot-Dipped Galvanized, Add	57.45	
			For Stainless Steel, Add	229.80	
			For Seismic Hook And Eye, Add	24.70	
04 05 19 13-0400	CLF	#18	(For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	193.42	
			For Hot-Dipped Galvanized, Add	58.75	
			For Stainless Steel, Add	235.00	
			For Seismic Hook And Eye, Add	25.26	
04 05 19 13-0401			3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement (04 05 19 13-0388)		
04 05 19 13-0402	CLF	#10	(For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	176.80	
			For Hot-Dipped Galvanized, Add	60.10	
			For Stainless Steel, Add	240.40	
			For Seismic Hook And Eye, Add	25.84	
04 05 19 13-0403	CLF	#12	(For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	185.38	
			For Hot-Dipped Galvanized, Add	60.53	
			For Stainless Steel, Add	242.12	
			For Seismic Hook And Eye, Add	26.03	
04 05 19 13-0404	CLF	#14	(For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	193.30	
			For Hot-Dipped Galvanized, Add	62.18	
			For Stainless Steel, Add	248.70	
			For Seismic Hook And Eye, Add	26.74	
04 05 19 13-0405	CLF	#16	(For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	201.62	
			For Hot-Dipped Galvanized, Add	64.28	
			For Stainless Steel, Add	257.12	
			For Seismic Hook And Eye, Add	27.64	
04 05 19 13-0406	CLF	#18	(For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	209.84	
			For Hot-Dipped Galvanized, Add	66.96	
			For Stainless Steel, Add	267.84	
			For Seismic Hook And Eye, Add	28.79	
04 05 19 16			Masonry Anchors (04 05 19)		
04 05 19 16-0001			Rectangular, Wire Masonry Wall Ties (04 05 19 16)		
04 05 19 16-0002			Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Ties (04 05 19 16-0001)		
04 05 19 16-0003	EA	2"	Width x 4" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie	1.36	
04 05 19 16-0004	EA	2"	Width x 6" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie	1.47	
04 05 19 16-0005	EA	2"	Width x 8" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie	1.58	
04 05 19 16-0006	EA	2"	Width x 10" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie	1.71	
04 05 19 16-0007	EA	2"	Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie	1.84	

04 Masonry**04 05 Common Work Results for Masonry****04 05 19 Masonry Anchorage and Reinforcing**

MINOR CSI UOM DESCRIPTION			TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 16-0008	EA	4" Width x 6" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie.....	1.58	
04 05 19 16-0009	EA	4" Width x 8" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie.....	1.71	
04 05 19 16-0010	EA	4" Width x 10" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie.....	1.84	
04 05 19 16-0011	EA	4" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie.....	1.97	
04 05 19 16-0012		Mill Galvanized, Rectangular, Wire Masonry Wall Ties (04 05 19 16-0001)		
04 05 19 16-0013	EA	2" Width x 4" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie	1.17	
04 05 19 16-0014	EA	2" Width x 6" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie	1.21	
04 05 19 16-0015	EA	2" Width x 8" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie	1.26	
04 05 19 16-0016	EA	2" Width x 10" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie	1.33	
04 05 19 16-0017	EA	2" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie	1.40	
04 05 19 16-0018	EA	4" Width x 6" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie	1.26	
04 05 19 16-0019	EA	4" Width x 8" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie	1.33	
04 05 19 16-0020	EA	4" Width x 10" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie	1.40	
04 05 19 16-0021	EA	4" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie	1.48	
04 05 19 16-0022		Z-Type, Wire Masonry Wall Ties (04 05 19 16)		
04 05 19 16-0023		Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Ties (04 05 19 16-0022)		
04 05 19 16-0024	EA	6" Length, 2" Bends, 3/16" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie	1.17	
04 05 19 16-0025	EA	8" Length, 2" Bends, 3/16" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie	1.24	
04 05 19 16-0026	EA	10" Length, 2" Bends, 3/16" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie	1.43	
04 05 19 16-0027	EA	12" Length, 2" Bends, 3/16" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie	1.52	
04 05 19 16-0028	EA	6" Length, 2" Bends, 1/4" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie	1.54	
04 05 19 16-0029	EA	8" Length, 2" Bends, 1/4" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie	1.66	
04 05 19 16-0030	EA	10" Length, 2" Bends, 1/4" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie	1.81	
04 05 19 16-0031	EA	12" Length, 2" Bends, 1/4" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie	1.90	
04 05 19 16-0032		Mill Galvanized, Z-Type, Wire Masonry Wall Ties (04 05 19 16-0022)		
04 05 19 16-0033	EA	6" Length, 2" Bends, 3/16" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie	1.03	
04 05 19 16-0034	EA	8" Length, 2" Bends, 3/16" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie	1.05	
04 05 19 16-0035	EA	10" Length, 2" Bends, 3/16" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie	1.20	
04 05 19 16-0036	EA	12" Length, 2" Bends, 3/16" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie	1.24	
04 05 19 16-0037	EA	6" Length, 2" Bends, 1/4" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie	1.25	
04 05 19 16-0038	EA	8" Length, 2" Bends, 1/4" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie	1.33	
04 05 19 16-0039	EA	10" Length, 2" Bends, 1/4" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie	1.40	
04 05 19 16-0040	EA	12" Length, 2" Bends, 1/4" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie	1.50	
04 05 19 16-0041		Wire Beam Ties (04 05 19 16)		
04 05 19 16-0042		Hot-Dipped Galvanized, Wire Beam Ties (04 05 19 16-0041)		
04 05 19 16-0043	EA	2" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Beam Tie	1.70	
04 05 19 16-0044	EA	4" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Beam Tie	1.75	
04 05 19 16-0045	EA	6" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Beam Tie	1.79	
04 05 19 16-0046	EA	8" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Beam Tie	1.84	
04 05 19 16-0047	EA	10" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Beam Tie	1.93	
04 05 19 16-0048		Mill Galvanized, Wire Beam Ties (04 05 19 16-0041)		
04 05 19 16-0049	EA	2" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Wire Beam Tie	2.09	
04 05 19 16-0050	EA	4" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Wire Beam Tie	2.20	
04 05 19 16-0051	EA	6" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Wire Beam Tie	2.32	
04 05 19 16-0052	EA	8" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Wire Beam Tie	2.37	
04 05 19 16-0053	EA	10" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Wire Beam Tie	2.46	
04 05 19 16-0054		Adjustable Double Pintle, Wire Masonry Wall Ties (04 05 19 16)		
04 05 19 16-0055		Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Ties (04 05 19 16-0054)		
04 05 19 16-0056	EA	6" Total Length, 3/16" Diameter, Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	1.93	
04 05 19 16-0057	EA	7" Total Length, 3/16" Diameter, Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	2.03	
04 05 19 16-0058	EA	8" Total Length, 3/16" Diameter, Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	2.06	
04 05 19 16-0059	EA	9" Total Length, 3/16" Diameter, Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	2.15	
04 05 19 16-0060	EA	10" Total Length, 3/16" Diameter, Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	2.18	
04 05 19 16-0061		Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Ties (04 05 19 16-0054)		
04 05 19 16-0062	EA	6" Total Length, 3/16" Diameter, Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	1.58	
04 05 19 16-0063	EA	7" Total Length, 3/16" Diameter, Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	1.64	
04 05 19 16-0064	EA	8" Total Length, 3/16" Diameter, Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	1.67	
04 05 19 16-0065	EA	9" Total Length, 3/16" Diameter, Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	1.72	
04 05 19 16-0066	EA	10" Total Length, 3/16" Diameter, Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	1.74	
04 05 19 16-0067		Corrugated Buck (Brick) Anchors (04 05 19 16)		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 16-0068 Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchors (04 05 19 16-0067)		
04 05 19 16-0069 EA 3-1/2" Length, 1-1/4" Width, 16 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	2.42	
04 05 19 16-0070 EA 4-1/2" Length, 1-1/4" Width, 16 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	2.53	
04 05 19 16-0071 EA 5-1/2" Length, 1-1/4" Width, 16 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	2.63	
04 05 19 16-0072 EA 6-1/2" Length, 1-1/4" Width, 16 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	2.74	
04 05 19 16-0073 EA 7-1/2" Length, 1-1/4" Width, 16 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	2.85	
04 05 19 16-0074 EA 3-1/2" Length, 1-1/4" Width, 14 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	2.51	
04 05 19 16-0075 EA 4-1/2" Length, 1-1/4" Width, 14 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	2.63	
04 05 19 16-0076 EA 5-1/2" Length, 1-1/4" Width, 14 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	2.74	
04 05 19 16-0077 EA 6-1/2" Length, 1-1/4" Width, 14 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	2.86	
04 05 19 16-0078 EA 7-1/2" Length, 1-1/4" Width, 14 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	2.98	
04 05 19 16-0079 Mill Galvanized, Corrugated Buck (Brick) Anchors (04 05 19 16-0067)		
04 05 19 16-0080 EA 3-1/2" Length, 1-1/4" Width, 16 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	2.04	
04 05 19 16-0081 EA 4-1/2" Length, 1-1/4" Width, 16 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	2.12	
04 05 19 16-0082 EA 5-1/2" Length, 1-1/4" Width, 16 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	2.19	
04 05 19 16-0083 EA 6-1/2" Length, 1-1/4" Width, 16 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	2.27	
04 05 19 16-0084 EA 7-1/2" Length, 1-1/4" Width, 16 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	2.35	
04 05 19 16-0085 EA 3-1/2" Length, 1-1/4" Width, 14 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	2.11	
04 05 19 16-0086 EA 4-1/2" Length, 1-1/4" Width, 14 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	2.19	
04 05 19 16-0087 EA 5-1/2" Length, 1-1/4" Width, 14 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	2.28	
04 05 19 16-0088 EA 6-1/2" Length, 1-1/4" Width, 14 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	2.36	
04 05 19 16-0089 EA 7-1/2" Length, 1-1/4" Width, 14 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	2.45	
04 05 19 16-0090 Corrugated Wall Ties (04 05 19 16)		
04 05 19 16-0091 Hot-Dipped Galvanized, Corrugated Wall Ties (04 05 19 16-0090)		
04 05 19 16-0092 EA 7/8" Width, 7" Length, 28 Gauge, Hot-Dipped Galvanized, Corrugated Wall Tie	1.02	
04 05 19 16-0093 EA 7/8" Width, 7" Length, 26 Gauge, Hot-Dipped Galvanized, Corrugated Wall Tie	1.11	
04 05 19 16-0094 EA 7/8" Width, 7" Length, 24 Gauge, Hot-Dipped Galvanized, Corrugated Wall Tie	1.15	
04 05 19 16-0095 EA 7/8" Width, 7" Length, 22 Gauge, Hot-Dipped Galvanized, Corrugated Wall Tie	1.18	
04 05 19 16-0096 EA 7/8" Width, 7" Length, 16 Gauge, Hot-Dipped Galvanized, Corrugated Wall Tie	1.48	
04 05 19 16-0097 Mill Galvanized, Corrugated Wall Ties (04 05 19 16-0090)		
04 05 19 16-0098 EA 7/8" Width, 7" Length, 26 Gauge, Mill Galvanized, Corrugated Wall Tie	1.06	
04 05 19 16-0099 EA 7/8" Width, 7" Length, 24 Gauge, Mill Galvanized, Corrugated Wall Tie	1.08	
04 05 19 16-0100 EA 7/8" Width, 7" Length, 22 Gauge, Mill Galvanized, Corrugated Wall Tie	1.11	
04 05 19 16-0101 EA 7/8" Width, 7" Length, 16 Gauge, Mill Galvanized, Corrugated Wall Tie	1.34	
04 05 19 16-0102 Stainless Steel, Corrugated Wall Ties (04 05 19 16-0090)		
04 05 19 16-0103 EA 7/8" Width, 7" Length, 28 Gauge, Stainless Steel, Corrugated Wall Tie	1.33	
04 05 19 16-0104 EA 7/8" Width, 7" Length, 26 Gauge, Stainless Steel, Corrugated Wall Tie	1.39	
04 05 19 16-0105 EA 7/8" Width, 7" Length, 24 Gauge, Stainless Steel, Corrugated Wall Tie	1.46	
04 05 19 16-0106 EA 7/8" Width, 7" Length, 22 Gauge, Stainless Steel, Corrugated Wall Tie	1.52	
04 05 19 16-0107 EA 7/8" Width, 7" Length, 16 Gauge, Stainless Steel, Corrugated Wall Tie	1.85	
04 05 19 16-0108 Wire Mesh Wall Ties (04 05 19 16)		
Note: 1/2" square mesh.		
04 05 19 16-0109 EA 3" Width, 8" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie	2.26	
04 05 19 16-0110 EA 3" Width, 12" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie	2.83	
04 05 19 16-0111 EA 6" Width, 8" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie	3.42	
04 05 19 16-0112 EA 6" Width, 12" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie	4.50	
04 05 19 16-0113 EA 10" Width, 8" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie	4.11	
04 05 19 16-0114 EA 10" Width, 12" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie	5.25	
04 05 19 16-0115 Triangle Brick Ties (04 05 19 16)		
04 05 19 16-0116 Hot-Dipped Galvanized, Triangle Brick Ties (04 05 19 16-0115)		
04 05 19 16-0117 EA 3" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	1.97	
04 05 19 16-0118 EA 3-1/2" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	2.02	
04 05 19 16-0119 EA 4" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	2.07	
04 05 19 16-0120 EA 4-1/2" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	2.16	
04 05 19 16-0121 EA 5" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	2.21	
04 05 19 16-0122 EA 6" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	2.34	
04 05 19 16-0123 EA 7" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	2.44	
04 05 19 16-0124 EA 9" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	2.67	
04 05 19 16-0125 EA 3" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	2.46	
04 05 19 16-0126 EA 3-1/2" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	2.49	
04 05 19 16-0127 EA 4" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	2.53	
04 05 19 16-0128 EA 4-1/2" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	2.61	
04 05 19 16-0129 EA 5" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	2.65	
04 05 19 16-0130 EA 6" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	2.77	
04 05 19 16-0131 EA 7" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	2.85	
04 05 19 16-0132 EA 9" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	3.09	

04 Masonry**04 05 Common Work Results for Masonry****04 05 19 Masonry Anchorage and Reinforcing**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

04 05 19 16-0133	Mill Galvanized, Triangle Brick Ties (04 05 19 16-0115)		
04 05 19 16-0134	EA	3" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie.....	1.74
04 05 19 16-0135	EA	3-1/2" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie.....	1.75
04 05 19 16-0136	EA	4" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie.....	1.77
04 05 19 16-0137	EA	4-1/2" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie.....	1.84
04 05 19 16-0138	EA	5" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie.....	1.85
04 05 19 16-0139	EA	6" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie.....	1.93
04 05 19 16-0140	EA	7" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie.....	1.96
04 05 19 16-0141	EA	9" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie.....	2.04
04 05 19 16-0142	EA	3" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie.....	2.02
04 05 19 16-0143	EA	3-1/2" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie.....	2.05
04 05 19 16-0144	EA	4" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie.....	2.08
04 05 19 16-0145	EA	4-1/2" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie.....	2.16
04 05 19 16-0146	EA	5" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie.....	2.18
04 05 19 16-0147	EA	6" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie.....	2.27
04 05 19 16-0148	EA	7" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie.....	2.32
04 05 19 16-0149	EA	9" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie.....	2.46
04 05 19 16-0150	Seismic Veneer Anchors (04 05 19 16)		
04 05 19 16-0151	EA	3-1/2" Length, 1-1/4" Width, Stainless Steel, Seismic Notch Veneer Anchor.....	6.08
		Note: For horizontal wire attachment. Excludes wire.	
04 05 19 16-0152	Slip-Set, Joint Stabilization Anchors (04 05 19 16)		
		Note: For restraining lateral movement at control joints. Field bendable.	
04 05 19 16-0153	EA	9-5/8" Length, 1-5/8" Width, Mill Galvanized, Slip-Set, Joint Stabilization Anchor.....	7.93
04 05 19 16-0154	EA	9-5/8" Length, 1-5/8" Width, Hot-Dipped Galvanized, Slip-Set, Joint Stabilization Anchor.....	8.63
04 05 19 16-0155	EA	9-5/8" Length, 1-5/8" Width, Stainless Steel, Slip-Set, Joint Stabilization Anchor.....	6.08
04 05 19 16-0156	Strap Partition Top Anchors (04 05 19 16)		
04 05 19 16-0157	EA	12 Gauge Strap, 3/8" Rod, Hot-Dipped Galvanized, Partition Top Anchor.....	4.40
04 05 19 16-0158	EA	12 Gauge Strap, 3/8" Rod, Stainless Steel, Partition Top Anchor.....	6.40
04 05 19 16-0159	Rigid Partition Anchors (04 05 19 16)		
04 05 19 16-0160	Hot-Dipped Galvanized, Rigid Partition Anchors (04 05 19 16-0159)		
04 05 19 16-0161	EA	1" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor.....	3.02
04 05 19 16-0162	EA	1-1/4" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor.....	3.32
04 05 19 16-0163	EA	1-1/2" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor.....	3.69
04 05 19 16-0164	EA	1-3/4" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor.....	4.03
04 05 19 16-0165	EA	2" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor.....	4.36
04 05 19 16-0166	EA	2-1/4" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor.....	4.70
04 05 19 16-0167	EA	1" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor.....	4.37
04 05 19 16-0168	EA	1-1/4" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor.....	5.44
04 05 19 16-0169	EA	1-1/2" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor.....	6.52
04 05 19 16-0170	EA	1-3/4" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor.....	7.60
04 05 19 16-0171	EA	2" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor.....	8.67
04 05 19 16-0172	EA	2-1/4" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor.....	9.75
04 05 19 16-0173	Mill Galvanized, Rigid Partition Anchors (04 05 19 16-0159)		
04 05 19 16-0174	EA	1" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor.....	2.72
04 05 19 16-0175	EA	1-1/4" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor.....	2.98
04 05 19 16-0176	EA	1-1/2" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor.....	3.25
04 05 19 16-0177	EA	1-3/4" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor.....	3.51
04 05 19 16-0178	EA	2" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor.....	3.77
04 05 19 16-0179	EA	2-1/4" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor.....	4.03
04 05 19 16-0180	Screw-On Masonry Veneer Anchor Plates (04 05 19 16)		
04 05 19 16-0181	EA	12 Gauge, Hot-Dipped Galvanized, Screw-On Masonry Veneer Anchor Plate.....	1.93
04 05 19 16-0182	EA	14 Gauge, Hot-Dipped Galvanized, Screw-On Masonry Veneer Anchor Plate.....	2.05
04 05 19 16-0183	Wire Column Ties (04 05 19 16)		
04 05 19 16-0184	Hot-Dipped Galvanized, Wire Column Ties (04 05 19 16-0183)		
04 05 19 16-0185	EA	3" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie.....	2.40
04 05 19 16-0186	EA	5" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie.....	2.58
04 05 19 16-0187	EA	7" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie.....	2.71
04 05 19 16-0188	EA	9" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie.....	2.89
04 05 19 16-0189	EA	10" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie.....	2.55
04 05 19 16-0190	EA	12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie.....	2.71
04 05 19 16-0191	EA	14" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie.....	2.82
04 05 19 16-0192	EA	16" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie.....	2.94



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 16-0193 EA 3" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	3.34	
04 05 19 16-0194 EA 5" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	3.65	
04 05 19 16-0195 EA 7" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	3.86	
04 05 19 16-0196 EA 9" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	4.15	
04 05 19 16-0197 EA 10" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	3.65	
04 05 19 16-0198 EA 12" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	3.86	
04 05 19 16-0199 EA 14" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	4.04	
04 05 19 16-0200 EA 16" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	4.24	
04 05 19 16-0201 Mill Galvanized, Wire Column Ties (04 05 19 16-0183)		
04 05 19 16-0202 EA 3" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	2.08	
04 05 19 16-0203 EA 5" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	2.19	
04 05 19 16-0204 EA 7" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	2.26	
04 05 19 16-0205 EA 9" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	2.37	
04 05 19 16-0206 EA 10" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	2.13	
04 05 19 16-0207 EA 12" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	2.24	
04 05 19 16-0208 EA 14" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	2.31	
04 05 19 16-0209 EA 16" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	2.40	
04 05 19 16-0210 EA 3" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	2.78	
04 05 19 16-0211 EA 5" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	2.98	
04 05 19 16-0212 EA 7" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	3.07	
04 05 19 16-0213 EA 9" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	3.27	
04 05 19 16-0214 EA 10" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	2.69	
04 05 19 16-0215 EA 12" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	3.03	
04 05 19 16-0216 EA 14" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	3.16	
04 05 19 16-0217 EA 16" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	3.27	
04 05 19 16-0218 Dovetail Anchors, Slots And Ties (04 05 19 16)		
04 05 19 16-0219 Dovetail Anchor Slots (04 05 19 16-0218)		
04 05 19 16-0220 Hot-Dipped Galvanized, Dovetail Anchor Slot (04 05 19 16-0219)		
04 05 19 16-0221 LF 24 Gauge, Hot-Dipped Galvanized, Dovetail Anchor Slot	4.47	
04 05 19 16-0222 LF 22 Gauge, Hot-Dipped Galvanized, Dovetail Anchor Slot	5.00	
04 05 19 16-0223 LF 20 Gauge, Hot-Dipped Galvanized, Dovetail Anchor Slot	5.31	
04 05 19 16-0224 LF 18 Gauge, Hot-Dipped Galvanized, Dovetail Anchor Slot	5.46	
04 05 19 16-0225 LF 16 Gauge, Hot-Dipped Galvanized, Dovetail Anchor Slot	5.82	
04 05 19 16-0226 Mill Galvanized, Dovetail Anchor Slot (04 05 19 16-0219)		
04 05 19 16-0227 LF 24 Gauge, Mill Galvanized, Dovetail Anchor Slot	3.42	
04 05 19 16-0228 LF 22 Gauge, Mill Galvanized, Dovetail Anchor Slot	4.09	
04 05 19 16-0229 LF 20 Gauge, Mill Galvanized, Dovetail Anchor Slot	4.24	
04 05 19 16-0230 LF 18 Gauge, Mill Galvanized, Dovetail Anchor Slot	4.47	
04 05 19 16-0231 LF 16 Gauge, Mill Galvanized, Dovetail Anchor Slot	4.62	
04 05 19 16-0232 304 Stainless Steel, Dovetail Anchor Slot (04 05 19 16-0219)		
04 05 19 16-0233 LF 24 Gauge, 304 Stainless Steel, Dovetail Anchor Slot	3.98	
04 05 19 16-0234 LF 22 Gauge, 304 Stainless Steel, Dovetail Anchor Slot	4.42	
04 05 19 16-0235 LF 20 Gauge, 304 Stainless Steel, Dovetail Anchor Slot	4.57	
04 05 19 16-0236 LF 18 Gauge, 304 Stainless Steel, Dovetail Anchor Slot	5.07	
04 05 19 16-0237 LF 16 Gauge, 304 Stainless Steel, Dovetail Anchor Slot	5.55	
04 05 19 16-0238 316 Stainless Steel, Dovetail Anchor Slot (04 05 19 16-0219)		
04 05 19 16-0239 LF 24 Gauge, 316 Stainless Steel, Dovetail Anchor Slot	4.32	
04 05 19 16-0240 LF 22 Gauge, 316 Stainless Steel, Dovetail Anchor Slot	4.66	
04 05 19 16-0241 LF 20 Gauge, 316 Stainless Steel, Dovetail Anchor Slot	4.99	
04 05 19 16-0242 LF 18 Gauge, 316 Stainless Steel, Dovetail Anchor Slot	5.42	
04 05 19 16-0243 LF 16 Gauge, 316 Stainless Steel, Dovetail Anchor Slot	5.67	
04 05 19 16-0244 Dovetail Corrugated Brick Ties (04 05 19 16-0218)		
04 05 19 16-0245 Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie (04 05 19 16-0244)		
04 05 19 16-0246 EA 3-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie	1.38	
04 05 19 16-0247 EA 5-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie	1.55	
04 05 19 16-0248 EA 7-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie	1.72	
04 05 19 16-0249 EA 3-1/2" Length, 1" Width, 14 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie	1.42	
04 05 19 16-0250 EA 5-1/2" Length, 1" Width, 14 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie	1.74	
04 05 19 16-0251 EA 7-1/2" Length, 1" Width, 14 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie	1.98	
04 05 19 16-0252 EA 3-1/2" Length, 1" Width, 12 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie	1.51	
04 05 19 16-0253 EA 5-1/2" Length, 1" Width, 12 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie	1.73	
04 05 19 16-0254 EA 7-1/2" Length, 1" Width, 12 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie	1.95	
04 05 19 16-0255 Mill Galvanized, Dovetail Corrugated Brick Tie (04 05 19 16-0244)		
04 05 19 16-0256 EA 3-1/2" Length, 1" Width, 16 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie	1.23	

04 Masonry**04 05 Common Work Results for Masonry****04 05 19 Masonry Anchorage and Reinforcing**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

04 05 19 16-0257	EA	5-1/2" Length, 1" Width, 16 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie.....	1.33
04 05 19 16-0258	EA	7-1/2" Length, 1" Width, 16 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie.....	1.44
04 05 19 16-0259	EA	3-1/2" Length, 1" Width, 14 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie.....	1.31
04 05 19 16-0260	EA	5-1/2" Length, 1" Width, 14 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie.....	1.52
04 05 19 16-0261	EA	7-1/2" Length, 1" Width, 14 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie.....	1.69
04 05 19 16-0262	EA	3-1/2" Length, 1" Width, 12 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie.....	1.35
04 05 19 16-0263	EA	5-1/2" Length, 1" Width, 12 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie.....	1.60
04 05 19 16-0264	EA	7-1/2" Length, 1" Width, 12 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie.....	1.77

04 05 19 16-0265 Dovetail Stone Anchors (04 05 19 16-0218)**04 05 19 16-0266 Hot-Dipped Galvanized, Dovetail Stone Anchors** (04 05 19 16-0265)

04 05 19 16-0267	EA	3-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Stone Anchor.....	1.74
04 05 19 16-0268	EA	5-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Stone Anchor.....	1.91
04 05 19 16-0269	EA	7-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Stone Anchor.....	2.09

04 05 19 16-0270 Dovetail Partition Top Anchors (04 05 19 16-0218)

04 05 19 16-0271	EA	3/8" Rod, Hot-Dipped Galvanized, Dovetail Partition Top Anchor.....	4.55
04 05 19 16-0272	EA	3/8" Rod, Stainless Steel, Dovetail Partition Top Anchor.....	6.88

04 05 19 16-0273 Dovetail Flexible Triangle Brick Ties (04 05 19 16-0218)**04 05 19 16-0274 Hot-Dipped Galvanized, Dovetail Flexible Triangle Brick Ties** (04 05 19 16-0273)

04 05 19 16-0275	EA	3" Length, 3/16" Diameter, Hot-Dipped Galvanized, Dovetail Flexible Triangle Brick Tie.....	2.67
04 05 19 16-0276	EA	5" Length, 3/16" Diameter, Hot-Dipped Galvanized, Dovetail Flexible Triangle Brick Tie.....	2.90
04 05 19 16-0277	EA	7" Length, 3/16" Diameter, Hot-Dipped Galvanized, Dovetail Flexible Triangle Brick Tie.....	3.05
04 05 19 16-0278	EA	9" Length, 3/16" Diameter, Hot-Dipped Galvanized, Dovetail Flexible Triangle Brick Tie.....	3.21

04 05 19 16-0279 Mill Galvanized, Dovetail Flexible Triangle Brick Ties (04 05 19 16-0273)

04 05 19 16-0280	EA	3" Length, 3/16" Diameter, Mill Galvanized, Dovetail Flexible Triangle Brick Tie.....	2.35
04 05 19 16-0281	EA	5" Length, 3/16" Diameter, Mill Galvanized, Dovetail Flexible Triangle Brick Tie.....	2.37
04 05 19 16-0282	EA	7" Length, 3/16" Diameter, Mill Galvanized, Dovetail Flexible Triangle Brick Tie.....	2.47
04 05 19 16-0283	EA	9" Length, 3/16" Diameter, Mill Galvanized, Dovetail Flexible Triangle Brick Tie.....	2.72

04 05 19 26 Masonry Reinforcing Bars (04 05 19)

Note: Includes cutting and bending.

04 05 19 26-0001 Plain Steel Masonry Reinforcement Bar (04 05 19 26)

04 05 19 26-0002	LF	#3, Grade 40, Horizontal Placed, Steel Masonry Reinforcement Bar.....	0.99
04 05 19 26-0003	LF	#4, Grade 40, Horizontal Placed, Steel Masonry Reinforcement Bar.....	1.63
04 05 19 26-0004	LF	#5, Grade 40, Horizontal Placed, Steel Masonry Reinforcement Bar.....	2.29
04 05 19 26-0005	LF	#6, Grade 40, Horizontal Placed, Steel Masonry Reinforcement Bar.....	3.00
04 05 19 26-0006	LF	#3, Grade 50, Horizontal Placed, Steel Masonry Reinforcement Bar.....	1.01
04 05 19 26-0007	LF	#4, Grade 50, Horizontal Placed, Steel Masonry Reinforcement Bar.....	1.65
04 05 19 26-0008	LF	#5, Grade 50, Horizontal Placed, Steel Masonry Reinforcement Bar.....	2.33
04 05 19 26-0009	LF	#6, Grade 50, Horizontal Placed, Steel Masonry Reinforcement Bar.....	3.05
04 05 19 26-0010	LF	#3, Grade 60, Horizontal Placed, Steel Masonry Reinforcement Bar.....	1.03
04 05 19 26-0011	LF	#4, Grade 60, Horizontal Placed, Steel Masonry Reinforcement Bar.....	1.69
04 05 19 26-0012	LF	#5, Grade 60, Horizontal Placed, Steel Masonry Reinforcement Bar.....	2.39
04 05 19 26-0013	LF	#6, Grade 60, Horizontal Placed, Steel Masonry Reinforcement Bar.....	3.14
04 05 19 26-0014	LF	#3, Grade 40, Vertical Placed, Steel Masonry Reinforcement Bar.....	1.17
04 05 19 26-0015	LF	#4, Grade 40, Vertical Placed, Steel Masonry Reinforcement Bar.....	1.90
04 05 19 26-0016	LF	#5, Grade 40, Vertical Placed, Steel Masonry Reinforcement Bar.....	2.67
04 05 19 26-0017	LF	#6, Grade 40, Vertical Placed, Steel Masonry Reinforcement Bar.....	3.46
04 05 19 26-0018	LF	#3, Grade 50, Vertical Placed, Steel Masonry Reinforcement Bar.....	1.19
04 05 19 26-0019	LF	#4, Grade 50, Vertical Placed, Steel Masonry Reinforcement Bar.....	1.92
04 05 19 26-0020	LF	#5, Grade 50, Vertical Placed, Steel Masonry Reinforcement Bar.....	2.71
04 05 19 26-0021	LF	#6, Grade 50, Vertical Placed, Steel Masonry Reinforcement Bar.....	3.51
04 05 19 26-0022	LF	#3, Grade 60, Vertical Placed, Steel Masonry Reinforcement Bar.....	1.21
04 05 19 26-0023	LF	#4, Grade 60, Vertical Placed, Steel Masonry Reinforcement Bar.....	1.96
04 05 19 26-0024	LF	#5, Grade 60, Vertical Placed, Steel Masonry Reinforcement Bar.....	2.77
04 05 19 26-0025	LF	#6, Grade 60, Vertical Placed, Steel Masonry Reinforcement Bar.....	3.60

04 05 19 26-0026 Galvanized Steel Masonry Reinforcement Bar (04 05 19 26)

04 05 19 26-0027	LF	#3, Grade 40, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar.....	1.14
04 05 19 26-0028	LF	#4, Grade 40, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar.....	1.89
04 05 19 26-0029	LF	#5, Grade 40, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar.....	2.70
04 05 19 26-0030	LF	#6, Grade 40, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar.....	3.59
04 05 19 26-0031	LF	#3, Grade 50, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar.....	1.16
04 05 19 26-0032	LF	#4, Grade 50, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar.....	1.92
04 05 19 26-0033	LF	#5, Grade 50, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar.....	2.74
04 05 19 26-0034	LF	#6, Grade 50, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar.....	3.65
04 05 19 26-0035	LF	#3, Grade 60, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar.....	1.18
04 05 19 26-0036	LF	#4, Grade 60, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar.....	1.96
04 05 19 26-0037	LF	#5, Grade 60, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar.....	2.81



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 26-0038	LF		#6, Grade 60, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar	3.74	
04 05 19 26-0039	LF		#3, Grade 40, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	1.32	
04 05 19 26-0040	LF		#4, Grade 40, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	2.16	
04 05 19 26-0041	LF		#5, Grade 40, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	3.08	
04 05 19 26-0042	LF		#6, Grade 40, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	4.05	
04 05 19 26-0043	LF		#3, Grade 50, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	1.34	
04 05 19 26-0044	LF		#4, Grade 50, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	2.19	
04 05 19 26-0045	LF		#5, Grade 50, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	3.12	
04 05 19 26-0046	LF		#6, Grade 50, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	4.11	
04 05 19 26-0047	LF		#3, Grade 60, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	1.36	
04 05 19 26-0048	LF		#4, Grade 60, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	2.23	
04 05 19 26-0049	LF		#5, Grade 60, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	3.19	
04 05 19 26-0050	LF		#6, Grade 60, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	4.20	
04 05 19 26-0051			Epoxy-Coated Masonry Reinforcement Bar (04 05 19 26)		
04 05 19 26-0052	LF		#3, Grade 40, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	1.12	
04 05 19 26-0053	LF		#4, Grade 40, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	1.86	
04 05 19 26-0054	LF		#5, Grade 40, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	2.66	
04 05 19 26-0055	LF		#6, Grade 40, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	3.53	
04 05 19 26-0056	LF		#3, Grade 50, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	1.14	
04 05 19 26-0057	LF		#4, Grade 50, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	1.89	
04 05 19 26-0058	LF		#5, Grade 50, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	2.70	
04 05 19 26-0059	LF		#6, Grade 50, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	3.59	
04 05 19 26-0060	LF		#3, Grade 60, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	1.16	
04 05 19 26-0061	LF		#4, Grade 60, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	1.93	
04 05 19 26-0062	LF		#5, Grade 60, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	2.76	
04 05 19 26-0063	LF		#6, Grade 60, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	3.67	
04 05 19 26-0064	LF		#3, Grade 40, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	1.30	
04 05 19 26-0065	LF		#4, Grade 40, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	2.13	
04 05 19 26-0066	LF		#5, Grade 40, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	3.04	
04 05 19 26-0067	LF		#6, Grade 40, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	3.99	
04 05 19 26-0068	LF		#3, Grade 50, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	1.32	
04 05 19 26-0069	LF		#4, Grade 50, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	2.16	
04 05 19 26-0070	LF		#5, Grade 50, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	3.08	
04 05 19 26-0071	LF		#6, Grade 50, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	4.05	
04 05 19 26-0072	LF		#3, Grade 60, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	1.34	
04 05 19 26-0073	LF		#4, Grade 60, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	2.20	
04 05 19 26-0074	LF		#5, Grade 60, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	3.14	
04 05 19 26-0075	LF		#6, Grade 60, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	4.13	
04 05 23			Masonry Accessories (04 05)		
04 05 23 13			Masonry Control and Expansion Joints (04 05 23)		
04 05 23 13-0001			Masonry Control Joints (04 05 23 13)		
04 05 23 13-0002			Rubber, Masonry Control Joints (04 05 23 13-0001)		
04 05 23 13-0003	LF		1-5/8" Width, T-Style, Rubber, Masonry Control Joint	7.01	0.91
04 05 23 13-0004	LF		2-5/8" Width, Rubber, Masonry Control Joint	6.79	0.91
04 05 23 13-0005	LF		6-7/8" Width, Rubber, Masonry Control Joint	14.92	0.91
04 05 23 13-0006			Polyvinyl Chloride (PVC), Masonry Control Joints (04 05 23 13-0001)		
04 05 23 13-0007	LF		1-5/8" Width, T-Style, Polyvinyl Chloride (PVC), Masonry Control Joint	3.94	0.91
04 05 23 13-0008	LF		2-5/8" Width, Polyvinyl Chloride (PVC), Masonry Control Joint	4.12	0.91
04 05 23 13-0009	LF		4-7/8" Width, Polyvinyl Chloride (PVC), Masonry Control Joint	5.21	0.91
04 05 23 13-0010	LF		6-7/8" Width, Polyvinyl Chloride (PVC), Masonry Control Joint	5.74	0.91
04 05 23 13-0011	LF		11-1/8" Width, Polyvinyl Chloride (PVC), Masonry Control Joint	5.35	0.91
04 05 23 16			Masonry Embedded Flashing (04 05 23)		
04 05 23 16-0001			Lead Coated Copper Through Wall Flashing (04 05 23 16)		
04 05 23 16-0002			Mastic Backed 2 Sides, Lead Coated Copper Through Wall Flashing (04 05 23 16-0001)		
04 05 23 16-0003	SF		2 Ounce, Mastic Backed 2 Sides, Lead Coated Copper Through Wall Flashing	9.83	1.78
04 05 23 16-0004	SF		3 Ounce, Mastic Backed 2 Sides, Lead Coated Copper Through Wall Flashing	10.95	1.78
04 05 23 16-0005	SF		5 Ounce, Mastic Backed 2 Sides, Lead Coated Copper Through Wall Flashing	14.04	1.78
04 05 23 16-0006	SF		7 Ounce, Mastic Backed 2 Sides, Lead Coated Copper Through Wall Flashing	16.77	1.78
04 05 23 16-0007			Fabric Backed 2 Sides, Lead Coated Copper Through Wall Flashing (04 05 23 16-0001)		
04 05 23 16-0008	SF		2 Ounce, Fabric Backed 2 Sides, Lead Coated Copper Through Wall Flashing	10.92	1.78
04 05 23 16-0009	SF		3 Ounce, Fabric Backed 2 Sides, Lead Coated Copper Through Wall Flashing	11.92	1.78
04 05 23 16-0010	SF		5 Ounce, Fabric Backed 2 Sides, Lead Coated Copper Through Wall Flashing	15.49	1.78
04 05 23 16-0011	SF		7 Ounce, Fabric Backed 2 Sides, Lead Coated Copper Through Wall Flashing	18.78	1.78

04 Masonry**04 05 Common Work Results for Masonry****04 05 23 Masonry Accessories**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

04 05 23 16-0012	Paper Backed 2 Sides, Lead Coated Copper Through Wall Flashing (04 05 23 16-0001)			
04 05 23 16-0013	SF	2 Ounce, Paper Backed 2 Sides, Lead Coated Copper Through Wall Flashing	10.08	1.78
04 05 23 16-0014	SF	3 Ounce, Paper Backed 2 Sides, Lead Coated Copper Through Wall Flashing	11.48	1.78
04 05 23 16-0015	SF	5 Ounce, Paper Backed 2 Sides, Lead Coated Copper Through Wall Flashing	13.48	1.78
04 05 23 16-0016	SF	7 Ounce, Paper Backed 2 Sides, Lead Coated Copper Through Wall Flashing	17.66	1.78
04 05 23 16-0017	Stainless Steel Through Wall Flashing (04 05 23 16)			
04 05 23 16-0018	Paper Backed 2 Sides, Stainless Steel Through Wall Flashing (04 05 23 16-0017)			
04 05 23 16-0019	SF	0.005" Thick Paper Backed 2 Sides, Stainless Steel Through Wall Flashing	7.20	1.66
04 05 23 16-0020	Polyvinyl Chloride (PVC) Through Wall Flashing (04 05 23 16)			
04 05 23 16-0021	SF	0.010" Thick Black Polyvinyl Chloride (PVC) Through Wall Flashing	4.53	1.84
04 05 23 16-0022	SF	0.020" Thick Black Polyvinyl Chloride (PVC) Through Wall Flashing	4.87	1.84
04 05 23 16-0023	SF	0.030" Thick Black Polyvinyl Chloride (PVC) Through Wall Flashing	5.26	1.84
04 05 23 16-0024	SF	0.056" Thick Black Polyvinyl Chloride (PVC) Through Wall Flashing	6.55	1.84
04 05 23 16-0025	Copper Through Wall Flashing (04 05 23 16)			
04 05 23 16-0026	2 Sides Coated With Asphalt, Thru-Wall Copper Flashing (04 05 23 16-0025)			
04 05 23 16-0027	SF	2 Ounce, 2 Sides Coated With Asphalt, Thru-Wall Copper Flashing	8.15	1.66
04 05 23 16-0028	SF	3 Ounce, 2 Sides Coated With Asphalt, Thru-Wall Copper Flashing	8.98	1.66
04 05 23 16-0029	SF	5 Ounce, 2 Sides Coated With Asphalt, Thru-Wall Copper Flashing	11.25	1.66
04 05 23 16-0030	SF	7 Ounce, 2 Sides Coated With Asphalt, Thru-Wall Copper Flashing	13.25	1.66
04 05 23 16-0031	SF	10 Ounce, 2 Sides Coated With Asphalt, Thru-Wall Copper Flashing	14.10	1.66
04 05 23 16-0032	2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing (04 05 23 16-0025)			
04 05 23 16-0033	SF	2 Ounce, 2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing	8.97	1.66
04 05 23 16-0034	SF	3 Ounce, 2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing	9.69	1.66
04 05 23 16-0035	SF	5 Ounce, 2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing	12.31	1.66
04 05 23 16-0036	SF	7 Ounce, 2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing	14.71	1.66
04 05 23 16-0037	SF	10 Ounce, 2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing	16.13	1.66
04 05 23 16-0038	1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing (04 05 23 16-0025)			
04 05 23 16-0039	SF	2 Ounce, 1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing	8.24	1.66
04 05 23 16-0040	SF	3 Ounce, 1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing	9.08	1.66
04 05 23 16-0041	SF	5 Ounce, 1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing	11.33	1.66
04 05 23 16-0042	SF	7 Ounce, 1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing	13.33	1.66
04 05 23 16-0043	SF	10 Ounce, 1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing	14.18	1.66
04 05 23 16-0044	2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing (04 05 23 16-0025)			
04 05 23 16-0045	SF	2 Ounce, 2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing	8.36	1.66
04 05 23 16-0046	SF	3 Ounce, 2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing	9.36	1.66
04 05 23 16-0047	SF	5 Ounce, 2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing	10.84	1.66
04 05 23 16-0048	SF	7 Ounce, 2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing	13.90	1.66
04 05 23 16-0049	SF	10 Ounce, 2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing	9.28	1.66
04 05 23 16-0050	2 Sides Kraft Paper Reinforced With Glass Fabric And Asphalt, Thru-Wall Copper Flashing (04 05 23 16-0025)			
04 05 23 16-0051	SF	3 Ounce, 2 Sides Kraft Paper Reinforced With Glass Fabric And Asphalt, Thru-Wall Copper Flashing	11.71	1.66
04 05 23 16-0052	SF	5 Ounce, 2 Sides Kraft Paper Reinforced With Glass Fabric And Asphalt, Thru-Wall Copper Flashing	14.74	1.66
04 05 23 16-0053	2 Sides Glass Fabric, Thru-Wall Copper Flashing (04 05 23 16-0025)			
	Note: Glass fabric is bonded to both sides with a non-asphaltic adhesive.			
04 05 23 16-0054	SF	3 Ounce, 2 Sides Glass Fabric, Thru-Wall Copper Flashing	9.96	1.66
04 05 23 16-0055	SF	5 Ounce, 2 Sides Glass Fabric, Thru-Wall Copper Flashing	12.67	1.66
04 05 23 19	Masonry Cavity Drainage, Weepholes, and Vents (04 05 23)			
04 05 23 19-0001	Brick Vents, 4" Deep, With Insect Screen (04 05 23 19)			
	Note: 0.100" nominal wall thickness, three mortar ribs on top and bottom of frame.			
04 05 23 19-0002	EA	8-1/8" x 2-3/8" Aluminum Brick Vent	77.25	
04 05 23 19-0003	EA	8-1/8" x 4-3/4" Aluminum Brick Vent	96.18	
04 05 23 19-0004	EA	8-1/8" x 7-3/4" Aluminum Brick Vent	122.10	
04 05 23 19-0005	EA	12" x 2-3/8" Aluminum Brick Vent	96.04	
04 05 23 19-0006	EA	12" x 4-3/4" Aluminum Brick Vent	119.16	
04 05 23 19-0007	EA	12" x 7-3/4" Aluminum Brick Vent	151.65	
04 05 23 19-0008	EA	16-1/2" x 2-3/8" Aluminum Brick Vent	114.54	
04 05 23 19-0009	EA	16-1/2" x 4-3/4" Aluminum Brick Vent	156.56	
04 05 23 19-0010	EA	16-1/2" x 7-3/4" Aluminum Brick Vent	192.72	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

04 05 23 19-0011	EA	24" x 2-3/8" Aluminum Brick Vent.....	158.40
04 05 23 19-0012	EA	24" x 4-3/4" Aluminum Brick Vent.....	206.81
04 05 23 19-0013	EA	24" x 7-3/4" Aluminum Brick Vent.....	256.00

04 20 Unit Masonry ⁽⁰⁴⁾

Note: Includes finishing joints (pointing) and cleaning of new brick and mortar. Cutting of new bricks/blocks to size. Weep holes and wicking material.

04 21 Clay Unit Masonry ^(04 20)

04 21 13 Brick Masonry ^(04 21)

Note: Includes brick and mortar. See CSI section 04 05 19 13-0000 for reinforcing, 04 05 19 16-0000 for masonry anchors.

04 21 13 00-0001 Brick Masonry ^(04 21 13)

04 21 13 00-0002	SF	Standard Size Red Brick, Running Bond.....	24.18
Note: Standard size brick, 3-5/8" x 2-1/4" x 8". (6.55 Bricks/SF)			
For Buff Or Gray, Add			0.96
For Common Or American Bond, Add			0.74
For English Bond, Add			1.47
For Flemish Bond, Add			3.05
For Stacked Bond, Add			2.13
For <10, Small Area Replacements (Individual Areas), Add			27.89
For Curved Wall, Add			3.68
For Corbels, Add			13.80
For Severe Weather (SW) Brick, Add			0.87
For Glazed Brick, Add			20.23
04 21 13 00-0003	SF	Engineer Standard Size Red Brick, Running Bond.....	25.14
Note: Engineer standard size brick, 3-5/8" x 2-3/4" x 8". (5.39 Bricks/SF)			
For Buff Or Gray, Add			1.19
For Common Or American Bond, Add			0.72
For English Bond, Add			1.44
For Flemish Bond, Add			3.06
For Stacked Bond, Add			2.16
For <10, Small Area Replacements (Individual Areas), Add			27.33
For Curved Wall, Add			3.60
For Corbels, Add			13.49
For Severe Weather (SW) Brick, Add			1.07
For Glazed Brick, Add			25.06
04 21 13 00-0004	SF	Modular Size Red Brick, Running Bond.....	24.18
Note: Modular size brick, 3-5/8" x 2-1/4" x 7-5/8". (6.75 Bricks/SF)			
For Buff Or Gray, Add			0.96
For Common Or American Bond, Add			0.74
For English Bond, Add			1.47
For Flemish Bond, Add			3.05
For Stacked Bond, Add			2.13
For <10, Small Area Replacements (Individual Areas), Add			27.89
For Curved Wall, Add			3.68
For Corbels, Add			13.80
For Severe Weather (SW) Brick, Add			0.87
For Glazed Brick, Add			20.23
04 21 13 00-0005	SF	Engineer Modular Size Red Brick, Running Bond.....	25.14
Note: Engineer modular size brick, 3-5/8" x 2-3/4" x 7-5/8". (5.63 Bricks/SF)			
For Buff Or Gray, Add			1.19
For Common Or American Bond, Add			0.72
For English Bond, Add			1.44
For Flemish Bond, Add			3.06
For Stacked Bond, Add			2.16
For <10, Small Area Replacements (Individual Areas), Add			27.33
For Curved Wall, Add			3.60
For Corbels, Add			13.49
For Severe Weather (SW) Brick, Add			1.07
For Glazed Brick, Add			25.06
04 21 13 00-0006	SF	Economy Size Red Brick, Running Bond.....	24.95
Note: Economy size brick, 3-5/8" x 3-5/8" x 7-5/8". (4.5 Bricks/SF)			
For Buff Or Gray, Add			1.16
For Common Or American Bond, Add			0.72
For English Bond, Add			1.44
For Flemish Bond, Add			3.05
For Stacked Bond, Add			2.15
For <10, Small Area Replacements (Individual Areas), Add			27.32
For Curved Wall, Add			3.60
For Corbels, Add			13.49
For Severe Weather (SW) Brick, Add			1.05
For Glazed Brick, Add			24.40
04 21 13 00-0007	SF	Utility Size Red Brick, Running Bond.....	18.53
Note: Utility size brick, 3-5/8" x 3-5/8" x 11-5/8". (3.0 Bricks/SF)			
For Buff Or Gray, Add			1.00
For Common Or American Bond, Add			0.50
For English Bond, Add			1.00
For Flemish Bond, Add			2.18
For Stacked Bond, Add			1.55
For <10, Small Area Replacements (Individual Areas), Add			19.14
For Curved Wall, Add			2.51
For Corbels, Add			9.42
For Severe Weather (SW) Brick, Add			0.90
For Glazed Brick, Add			20.90

04 Masonry
04 20 Unit Masonry
04 21 Clay Unit Masonry



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 21 13 00-0008	SF		Double Utility Size Red Brick, Running Bond.....	16.74	
			Note: Double utility size brick, 3-5/8" x 7-5/8" x 11-5/8". (1.5 Bricks/SF)		
			For Buff Or Gray, Add	0.70	
			For Common Or American Bond, Add	0.50	
			For English Bond, Add	1.00	
			For Flemish Bond, Add	2.09	
			For Stacked Bond, Add	1.47	
			For <10, Small Area Replacements (Individual Areas), Add	19.05	
			For Curved Wall, Add	2.51	
			For Corbels, Add	9.42	
			For Severe Weather (SW) Brick, Add	0.63	
			For Glazed Brick, Add	14.63	
04 21 13 00-0009	SF		Norman Size Red Brick, Running Bond.....	25.50	
			Note: Norman size brick, 3-5/8" x 2-1/4" x 11-5/8". (4.5 Bricks/SF)		
			For Buff Or Gray, Add	1.25	
			For Common Or American Bond, Add	0.72	
			For English Bond, Add	1.44	
			For Flemish Bond, Add	3.07	
			For Stacked Bond, Add	2.17	
			For <10, Small Area Replacements (Individual Areas), Add	27.35	
			For Curved Wall, Add	3.60	
			For Corbels, Add	13.49	
			For Severe Weather (SW) Brick, Add	1.13	
			For Glazed Brick, Add	26.32	
04 21 13 00-0010	SF		Roman Size Red Brick, Running Bond.....	27.08	
			Note: Roman size brick, 3-5/8" x 1-5/8" x 11-5/8". (6.0 Bricks/SF)		
			For Buff Or Gray, Add	1.52	
			For Common Or American Bond, Add	0.72	
			For English Bond, Add	1.44	
			For Flemish Bond, Add	3.15	
			For Stacked Bond, Add	2.25	
			For <10, Small Area Replacements (Individual Areas), Add	27.43	
			For Curved Wall, Add	3.60	
			For Corbels, Add	13.49	
			For Severe Weather (SW) Brick, Add	1.37	
			For Glazed Brick, Add	31.85	
04 21 13 00-0011			Fire Brick (04 21 13)		
04 21 13 00-0012	SF		Running Bond, Red Fire Brick.....	28.67	
			For Buff Or Gray, Add	1.78	
			For Common Or American Bond, Add	0.72	
			For English Bond, Add	1.44	
			For Flemish Bond, Add	3.23	
			For Stacked Bond, Add	2.33	
			For <10, Small Area Replacements (Individual Areas), Add	27.50	
04 21 13 00-0013			Window Sill (04 21 13)		
04 21 13 00-0014	LF		Standard Size Red Brick, Window Sill.....	21.37	
			Note: Standard size brick, 3-5/8" x 2-1/4" x 8", placed on edge.		
			For Buff Or Gray, Add	0.28	
04 21 13 00-0015	LF		Engineer Standard Size Red Brick, Window Sill.....	21.57	
			Note: Engineer standard size brick, 3-5/8" x 2-3/4" x 8", placed on edge.		
			For Buff Or Gray, Add	0.31	
04 21 13 00-0016	LF		Modular Size Red Brick, Window Sill.....	21.37	
			Note: Modular size brick, 3-5/8" x 2-1/4" x 7-5/8", placed on edge.		
			For Buff Or Gray, Add	0.28	
04 21 13 00-0017	LF		Engineer Modular Size Red Brick, Window Sill.....	21.70	
			Note: Engineer modular size brick, 3-5/8" x 2-3/4" x 7-5/8", placed on edge.		
			For Buff Or Gray, Add	0.33	
04 21 13 00-0018	LF		Economy Size Red Brick, Window Sill.....	22.57	
			Note: Economy size brick, 3-5/8" x 3-5/8" x 7-5/8", placed on edge.		
			For Buff Or Gray, Add	0.48	
04 21 13 00-0019	LF		Utility Size Red Brick, Window Sill.....	22.75	
			Note: Utility size brick, 3-5/8" x 3-5/8" x 11-5/8", placed on edge.		
			For Buff Or Gray, Add	0.51	
04 21 13 00-0020	LF		Double Utility Size Red Brick, Window Sill.....	22.75	
			Note: Double utility size brick, 3-5/8" x 7-5/8" x 11-5/8", placed on edge.		
			For Buff Or Gray, Add	0.51	
04 21 13 00-0021	LF		Norman Size Red Brick, Window Sill.....	21.81	
			Note: Norman size brick, 3-5/8" x 2-1/4" x 11-5/8", placed on edge.		
			For Buff Or Gray, Add	0.35	
04 21 13 00-0022	LF		Roman Size Red Brick, Window Sill.....	21.90	
			Note: Roman size brick, 3-5/8" x 1-5/8" x 11-5/8", placed on edge.		
			For Buff Or Gray, Add	0.37	
04 21 19			Clay Tile Masonry (04 21)		
04 21 19 00-0001			Scored Face, Hollow, Clay Backing Tile (04 21 19)		
04 21 19 00-0002			Load Bearing, Scored Face, Hollow, Clay Backing Tile (04 21 19 00-0001)		
04 21 19 00-0003	SF		4" Thick Load Bearing, Scored Face, Hollow, Clay Backing Tile.....	22.17	
			For Smooth Face, One Side, Add	1.40	
			For Smooth Face, Two Sides, Add	2.35	



			Masonry	04	04
			Unit Masonry	04 20	
			Clay Unit Masonry	04 21	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 21 19 00-0004	SF		6" Thick Load Bearing, Scored Face, Hollow, Clay Backing Tile <i>For Smooth Face, One Side, Add</i> <i>For Smooth Face, Two Sides, Add</i>	24.11 1.55 2.62	
04 21 19 00-0005	SF		8" Thick Load Bearing, Scored Face, Hollow, Clay Backing Tile <i>For Smooth Face, One Side, Add</i> <i>For Smooth Face, Two Sides, Add</i>	27.08 1.80 3.06	
04 21 19 00-0006	SF		10" Thick Load Bearing, Scored Face, Hollow, Clay Backing Tile <i>For Smooth Face, One Side, Add</i> <i>For Smooth Face, Two Sides, Add</i>	37.37 2.77 4.80	
04 21 19 00-0007	SF		12" Thick Load Bearing, Scored Face, Hollow, Clay Backing Tile <i>For Smooth Face, One Side, Add</i> <i>For Smooth Face, Two Sides, Add</i>	49.24 3.87 6.75	
04 21 19 00-0008			Non-Load Bearing, Scored Face, Hollow, Clay Backing Tile (04 21 19 00-0001)		
04 21 19 00-0009	SF		3" Thick Non-Load Bearing, Scored Face, Hollow, Clay Backing Tile <i>For Smooth Face, One Side, Add</i> <i>For Smooth Face, Two Sides, Add</i>	18.55 1.13 1.88	
04 21 19 00-0010	SF		4" Thick Non-Load Bearing, Scored Face, Hollow, Clay Backing Tile <i>For Smooth Face, One Side, Add</i> <i>For Smooth Face, Two Sides, Add</i>	22.26 1.46 2.48	
04 21 19 00-0011	SF		6" Thick Non-Load Bearing, Scored Face, Hollow, Clay Backing Tile <i>For Smooth Face, One Side, Add</i> <i>For Smooth Face, Two Sides, Add</i>	22.84 1.49 2.51	
04 21 19 00-0012	SF		8" Thick Non-Load Bearing, Scored Face, Hollow, Clay Backing Tile <i>For Smooth Face, One Side, Add</i> <i>For Smooth Face, Two Sides, Add</i>	35.07 2.65 4.59	
04 21 19 00-0013	SF		12" Thick Non-Load Bearing, Scored Face, Hollow, Clay Backing Tile <i>For Smooth Face, One Side, Add</i> <i>For Smooth Face, Two Sides, Add</i>	47.90 3.83 6.70	
04 21 26			Glazed Structural Clay Tile Masonry (04 21) Note: Includes tile and mortar in all colors.		
04 21 26 00-0001			6T Series Structural Glazed Clay Tile (04 21 26)		
04 21 26 00-0002			Glazed On One Side 6T Series Structural Glazed Clay Tile (04 21 26 00-0001)		
04 21 26 00-0003	SF		2" Thick 1 Sided 6T Series Structural Glazed Clay Tile, 5-1/3" x 12" <i>For Stacked Bond, Add</i>	30.81 1.96	
04 21 26 00-0004	SF		4" Thick 1 Sided 6T Series Structural Glazed Clay Tile, 5-1/3" x 12" <i>For Stacked Bond, Add</i>	34.71 1.96	
04 21 26 00-0005	SF		6" Thick 1 Sided 6T Series Structural Glazed Clay Tile, 5-1/3" x 12" <i>For Stacked Bond, Add</i>	42.68 2.05	
04 21 26 00-0006			Special Shapes 6T Series Structural Glazed Clay Tile (04 21 26 00-0001)		
04 21 26 00-0007	LF		Bullnose, Jamb Or Sill Shapes 6T Series Structural Glazed Clay Tile..... <i>For Stacked Bond, Add</i>	32.05 2.32	
04 21 26 00-0008	LF		2" Or 4" Cove Base 6T Series Structural Glazed Clay Tile..... <i>For Stacked Bond, Add</i>	38.56 2.32	
04 21 26 00-0009			8W Series Structural Glazed Clay Tile (04 21 26)		
04 21 26 00-0010			Glazed On One Side 8W Series Structural Glazed Clay Tile (04 21 26 00-0009)		
04 21 26 00-0011	SF		2" Thick 1 Sided 8W Series Structural Glazed Clay Tile, 8" x 16" <i>For Stacked Bond, Add</i>	24.41 1.25	
04 21 26 00-0012	SF		4" Thick 1 Sided 8W Series Structural Glazed Clay Tile, 8" x 16" <i>For Stacked Bond, Add</i>	30.56 1.34	
04 21 26 00-0013	SF		6" Thick 1 Sided 8W Series Structural Glazed Clay Tile, 8" x 16" <i>For Stacked Bond, Add</i>	42.55 1.43	
04 21 26 00-0014			Special Shapes 8W Series Structural Glazed Clay Tile (04 21 26 00-0009)		
04 21 26 00-0015	LF		Bullnose, Jamb Or Sill Shapes 8W Series Structural Glazed Clay Tile <i>For Stacked Bond, Add</i>	33.49 1.60	
04 21 26 00-0016	LF		2" Or 4" Cove Base 8W Series Structural Glazed Clay Tile..... <i>For Stacked Bond, Add</i>	33.43 1.60	
04 21 26 00-0017			4W Series Structural Glazed Clay Tile (04 21 26)		
04 21 26 00-0018			Glazed On One Side 4W Series Structural Glazed Clay Tile (04 21 26 00-0017)		
04 21 26 00-0019	SF		2" Thick 1 Sided 4W Series Structural Glazed Tile, 8" x 8"..... <i>For Stacked Bond, Add</i>	32.28 1.96	
04 21 26 00-0020	SF		4" Thick 1 Sided 4W Series Structural Glazed Tile, 8" x 8"..... <i>For Stacked Bond, Add</i>	34.23 1.96	
04 21 26 00-0021	SF		6" Thick 1 Sided 4W Series Structural Glazed Tile, 8" x 8"..... <i>For Stacked Bond, Add</i>	42.92 2.05	
04 21 26 00-0022			Special Shapes 4W Series Structural Glazed Clay Tile (04 21 26 00-0017)		

04 Masonry
04 20 Unit Masonry
 04 21 Clay Unit Masonry



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 21 26 00-0023	LF		Bullnose, Jamb Or Sill Shapes 4W Series Structural Glazed Clay Tile <i>For Stacked Bond, Add</i>	33.24 2.32	
04 21 26 00-0024	LF		2" Or 4" Cove Base 4W Series Structural Glazed Clay Tile..... <i>For Stacked Bond, Add</i>	38.45 2.32	
04 21 26 00-0025			6T Series Sound Absorbing Structural Glazed Tile (04 21 26)		
04 21 26 00-0026	SF		4" Thick, 6T Sound Absorbing Structural Glazed Tile	33.36	
04 21 26 00-0027	SF		6" Thick, 6T Sound Absorbing Structural Glazed Tile	36.06	
04 21 26 00-0028	SF		8" Thick, 6T Sound Absorbing Structural Glazed Tile	42.08	
04 21 26 00-0029			8T Series Sound Absorbing Structural Glazed Tile (04 21 26)		
04 21 26 00-0030	SF		4" Thick, 8T Sound Absorbing Structural Glazed Tile	37.72	
04 21 26 00-0031	SF		6" Thick, 8T Sound Absorbing Structural Glazed Tile	42.68	
04 21 26 00-0032	SF		8" Thick, 8T Acoustical Glazed Tile	50.58	
04 21 29			Terra Cotta Masonry (04 21)		
04 21 29 00-0001			Coping (04 21 29) Note: Includes caulk and ties. Excludes drilling into existing materials or other anchoring bolts.		
04 21 29 00-0002	SF		Terra Cotta Coping <i>For Smooth Tile Instead Of Scored, Add</i> <i>For Reinforcing With Steel Rods, Add</i>	102.95 3.68 7.19	37.64
04 21 29 00-0003			Partition Or Back Up (Scored) (04 21 29)		
04 21 29 00-0004			Non-load Bearing, 12" x 12" (04 21 29 00-0003)		
04 21 29 00-0005	SF		3" Thick Terra Cotta, Non-Load Bearing 12" x 12" Scored Face, Back-Up Partitions..... <i>For Smooth Tile Instead Of Scored, Add</i> <i>For Reinforcing With Steel Rods, Add</i>	26.05 3.47 3.23	
04 21 29 00-0006	SF		4" Thick Terra Cotta, Non-Load Bearing 12" x 12" Scored Face, Back-Up Partitions..... <i>For Smooth Tile Instead Of Scored, Add</i> <i>For Reinforcing With Steel Rods, Add</i>	27.62 3.63 3.40	
04 21 29 00-0007	SF		6" Thick Terra Cotta, Non-Load Bearing 12" x 12" Scored Face, Back-Up Partitions..... <i>For Smooth Tile Instead Of Scored, Add</i> <i>For Reinforcing With Steel Rods, Add</i>	35.81 4.95 4.54	
04 21 29 00-0008	SF		8" Thick Terra Cotta, Non-Load Bearing 12" x 12" Scored Face, Back-Up Partitions..... <i>For Smooth Tile Instead Of Scored, Add</i> <i>For Reinforcing With Steel Rods, Add</i>	43.92 6.22 5.65	
04 21 29 00-0009			Load Bearing, 12" x 12" (04 21 29 00-0003)		
04 21 29 00-0010			In Walls (04 21 29 00-0009)		
04 21 29 00-0011	SF		4" Thick Terra Cotta, Walls 12" x 12" Load Bearing Scored Face <i>For Smooth Tile Instead Of Scored, Add</i> <i>For Reinforcing With Steel Rods, Add</i>	29.38 3.94 3.66	
04 21 29 00-0012	SF		6" Thick Terra Cotta, Walls 12" x 12" Load Bearing Scored Face <i>For Smooth Tile Instead Of Scored, Add</i> <i>For Reinforcing With Steel Rods, Add</i>	39.84 5.68 5.15	
04 21 29 00-0013	SF		8" Thick Terra Cotta, Walls 12" x 12" Load Bearing Scored Face <i>For Smooth Tile Instead Of Scored, Add</i> <i>For Reinforcing With Steel Rods, Add</i>	47.85 6.93 6.24	
04 21 29 00-0014	SF		10" Thick Terra Cotta, Walls 12" x 12" Load Bearing Scored Face <i>For Smooth Tile Instead Of Scored, Add</i> <i>For Reinforcing With Steel Rods, Add</i>	50.07 7.09 6.44	
04 21 29 00-0015	SF		12" Thick Terra Cotta, Walls 12" x 12" Load Bearing Scored Face <i>For Smooth Tile Instead Of Scored, Add</i> <i>For Reinforcing With Steel Rods, Add</i>	60.19 8.59 7.78	
04 21 29 00-0016			In Floors (04 21 29 00-0009)		
04 21 29 00-0017	SF		4" Thick Terra Cotta, Floors 12" x 12" Load Bearing Scored Face <i>For Smooth Tile Instead Of Scored, Add</i> <i>For Reinforcing With Steel Rods, Add</i>	26.89 3.94 3.53	
04 21 29 00-0018	SF		6" Thick Terra Cotta, Floors 12" x 12" Load Bearing Scored Face <i>For Smooth Tile Instead Of Scored, Add</i> <i>For Reinforcing With Steel Rods, Add</i>	37.07 5.68 5.01	
04 21 29 00-0019	SF		8" Thick Terra Cotta, Floors 12" x 12" Load Bearing Scored Face <i>For Smooth Tile Instead Of Scored, Add</i> <i>For Reinforcing With Steel Rods, Add</i>	45.00 6.93 6.10	
04 21 29 00-0020	SF		10" Thick Terra Cotta, Floors 12" x 12" Load Bearing Scored Face <i>For Smooth Tile Instead Of Scored, Add</i> <i>For Reinforcing With Steel Rods, Add</i>	46.87 7.09 6.28	
04 21 29 00-0021	SF		12" Thick Terra Cotta, Floors 12" x 12" Load Bearing Scored Face <i>For Smooth Tile Instead Of Scored, Add</i> <i>For Reinforcing With Steel Rods, Add</i>	56.04 8.59 7.58	

04 22 Concrete Unit Masonry (04 20)



Masonry			04
Unit Masonry			04 20
Concrete Unit Masonry			04 22

04

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

Note: Includes block and mortar. Excludes horizontal and vertical reinforcing. See CSI section 04 05 19 13-0000 for joint reinforcing.

04 22 23 Architectural Concrete Unit Masonry (04 22)**04 22 23 13 Exposed Aggregate Concrete Unit Masonry (04 22 23)**

04 22 23 13-0001	Concrete Blocks (04 22 23 13)	
04 22 23 13-0002	Lightweight Concrete Blocks (04 22 23 13-0001)	
04 22 23 13-0003	Cored, Lightweight, Concrete Blocks (04 22 23 13-0002)	
04 22 23 13-0004	SF 4" x 8" x 16", Cored, Lightweight, Concrete Block	11.41
	For Stacked Bond, Add	2.46
	For Scored Block, Add	0.39
	For Curved Wall Application, Add	1.89
	For <10, Small Area Replacements (Individual Areas), Add	14.35
04 22 23 13-0005	SF 6" x 8" x 16", Cored, Lightweight, Concrete Block	2.72
	For Stacked Bond, Add	2.67
	For Scored Block, Add	0.49
	For Curved Wall Application, Add	2.05
	For <10, Small Area Replacements (Individual Areas), Add	15.56
04 22 23 13-0006	SF 8" x 8" x 16", Cored, Lightweight, Concrete Block	13.78
	For Stacked Bond, Add	2.86
	For Scored Block, Add	0.55
	For Curved Wall Application, Add	2.20
	For <10, Small Area Replacements (Individual Areas), Add	16.72
04 22 23 13-0007	SF 10" x 8" x 16", Cored, Lightweight, Concrete Block	15.21
	For Stacked Bond, Add	2.99
	For Scored Block, Add	0.74
	For Curved Wall Application, Add	2.30
	For <10, Small Area Replacements (Individual Areas), Add	17.54
04 22 23 13-0008	SF 12" x 8" x 16", Cored, Lightweight, Concrete Block	18.18
	For Stacked Bond, Add	3.69
	For Scored Block, Add	0.80
	For Curved Wall Application, Add	2.84
	For <10, Small Area Replacements (Individual Areas), Add	21.60

04 22 23 13-0009 Solid, Lightweight, Concrete Blocks (04 22 23 13-0002)

04 22 23 13-0010	SF 4" x 8" x 16", Solid, Lightweight, Concrete Block	12.31
	For Stacked Bond, Add	2.53
	For Scored Block, Add	0.52
	For Curved Wall Application, Add	1.94
	For <10, Small Area Replacements (Individual Areas), Add	14.77
04 22 23 13-0011	SF 6" x 8" x 16", Solid, Lightweight, Concrete Block	13.48
	For Stacked Bond, Add	2.78
	For Scored Block, Add	0.56
	For Curved Wall Application, Add	2.14
	For <10, Small Area Replacements (Individual Areas), Add	16.23
04 22 23 13-0012	SF 8" x 8" x 16", Solid, Lightweight, Concrete Block	14.24
	For Stacked Bond, Add	2.95
	For Scored Block, Add	0.58
	For Curved Wall Application, Add	2.27
	For <10, Small Area Replacements (Individual Areas), Add	17.23
04 22 23 13-0013	SF 10" x 8" x 16", Solid, Lightweight, Concrete Block	15.88
	For Stacked Bond, Add	3.09
	For Scored Block, Add	0.80
	For Curved Wall Application, Add	2.37
	For <10, Small Area Replacements (Individual Areas), Add	18.11
04 22 23 13-0014	SF 12" x 8" x 16", Solid, Lightweight, Concrete Block	18.95
	For Stacked Bond, Add	3.81
	For Scored Block, Add	0.86
	For Curved Wall Application, Add	2.93
	For <10, Small Area Replacements (Individual Areas), Add	22.33

04 22 23 13-0015 Normal Weight Concrete Blocks (04 22 23 13-0001)**04 22 23 13-0016 Cored, Normal Weight, Concrete Blocks (04 22 23 13-0015)**

04 22 23 13-0017	SF 4" x 8" x 16", Cored, Normal Weight, Concrete Block	11.66
	For Stacked Bond, Add	2.53
	For Scored Block, Add	0.39
	For Curved Wall Application, Add	1.94
	For <10, Small Area Replacements (Individual Areas), Add	14.73
	For 3,500 PSI, Add	0.41
	For 5,000 PSI, Add	0.70
04 22 23 13-0018	SF 6" x 8" x 16", Cored, Normal Weight, Concrete Block	12.90
	For Stacked Bond, Add	2.78
	For Scored Block, Add	0.44
	For Curved Wall Application, Add	2.14
	For <10, Small Area Replacements (Individual Areas), Add	16.19
	For 3,500 PSI, Add	0.47
	For 5,000 PSI, Add	0.80

04 Masonry**04 20 Unit Masonry****04 22 Concrete Unit Masonry**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 22 23	13-0019	SF	8" x 8" x 16", Cored, Normal Weight, Concrete Block.....	13.90	
			For Stacked Bond, Add	2.95	
			For Scored Block, Add	0.51	
			For Curved Wall Application, Add	2.27	
			For <10, Small Area Replacements (Individual Areas), Add	17.20	
			For 3,500 PSI, Add	0.54	
			For 5,000 PSI, Add	0.92	
04 22 23	13-0020	SF	10" x 8" x 16", Cored, Normal Weight, Concrete Block.....	16.80	
			For Stacked Bond, Add	3.09	
			For Scored Block, Add	0.99	
			For Curved Wall Application, Add	2.37	
			For <10, Small Area Replacements (Individual Areas), Add	18.17	
			For 3,500 PSI, Add	1.04	
			For 5,000 PSI, Add	1.77	
04 22 23	13-0021	SF	12" x 8" x 16", Cored, Normal Weight, Concrete Block.....	19.76	
			For Stacked Bond, Add	3.81	
			For Scored Block, Add	1.02	
			For Curved Wall Application, Add	2.93	
			For <10, Small Area Replacements (Individual Areas), Add	22.39	
			For 3,500 PSI, Add	1.07	
			For 5,000 PSI, Add	1.83	
04 22 23	13-0022		Solid, Normal Weight, Concrete Blocks (04 22 23 13-0015)		
04 22 23	13-0023	SF	4" x 8" x 16", Solid, Normal Weight, Concrete Block.....	12.44	
			For Stacked Bond, Add	2.59	
			For Scored Block, Add	0.49	
			For Curved Wall Application, Add	1.99	
			For <10, Small Area Replacements (Individual Areas), Add	15.14	
			For 3,500 PSI, Add	0.52	
			For 5,000 PSI, Add	0.89	
04 22 23	13-0024	SF	6" x 8" x 16", Solid, Normal Weight, Concrete Block.....	13.29	
			For Stacked Bond, Add	2.86	
			For Scored Block, Add	0.46	
			For Curved Wall Application, Add	2.20	
			For <10, Small Area Replacements (Individual Areas), Add	16.69	
			For 3,500 PSI, Add	0.48	
			For 5,000 PSI, Add	0.82	
04 22 23	13-0025	SF	8" x 8" x 16", Solid, Normal Weight, Concrete Block.....	14.34	
			For Stacked Bond, Add	3.04	
			For Scored Block, Add	0.53	
			For Curved Wall Application, Add	2.34	
			For <10, Small Area Replacements (Individual Areas), Add	17.73	
			For 3,500 PSI, Add	0.56	
			For 5,000 PSI, Add	0.95	
04 22 23	13-0026	SF	10" x 8" x 16", Solid, Normal Weight, Concrete Block.....	15.80	
			For Stacked Bond, Add	3.19	
			For Scored Block, Add	0.71	
			For Curved Wall Application, Add	2.45	
			For <10, Small Area Replacements (Individual Areas), Add	18.66	
			For 3,500 PSI, Add	0.74	
			For 5,000 PSI, Add	1.27	
04 22 23	13-0027	SF	12" x 8" x 16", Solid, Normal Weight, Concrete Block.....	18.88	
			For Stacked Bond, Add	3.95	
			For Scored Block, Add	0.74	
			For Curved Wall Application, Add	3.04	
			For <10, Small Area Replacements (Individual Areas), Add	23.05	
			For 3,500 PSI, Add	0.78	
			For 5,000 PSI, Add	1.33	
04 22 23	13-0028		Bond Beam Or Lintel Concrete Blocks (04 22 23 13)		
04 22 23	13-0029		Lightweight, Bond Beam Or Lintel Concrete Blocks (04 22 23 13-0028)		
			Note: Excludes concrete fill and reinforcing.		
04 22 23	13-0030	LF	6" x 8" x 16", Lightweight, Bond Beam Or Lintel Concrete Block.....	13.29	
			For Stacked Bond, Add	2.67	
			For Grout And Fill With 2 #5 Rebar, Add	8.17	
			For Scored Block, Add	0.61	
			For Curved Wall Application, Add	2.05	
04 22 23	13-0031	LF	8" x 8" x 16", Lightweight, Bond Beam Or Lintel Concrete Block.....	14.68	
			For Stacked Bond, Add	2.86	
			For Grout And Fill With 2 #5 Rebar, Add	9.18	
			For Scored Block, Add	0.73	
			For Curved Wall Application, Add	2.20	
04 22 23	13-0032	LF	12" x 8" x 16", Lightweight, Bond Beam Or Lintel Concrete Block.....	18.11	
			For Stacked Bond, Add	3.69	
			For Grout And Fill With 2 #5 Rebar, Add	11.01	
			For Scored Block, Add	0.78	
			For Curved Wall Application, Add	2.84	
04 22 23	13-0033		Normal Weight, Bond Beam Or Lintel Concrete Blocks (04 22 23 13-0028)		
			Note: Excludes concrete fill and reinforcing.		



Masonry			04
Unit Masonry			04 20
Concrete Unit Masonry			04 22

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 22 23 13-0034	LF	6" x 8" x 16", Normal Weight, Bond Beam Or Lintel Concrete Block	.....	13.28	
		For Stacked Bond, Add	.....	2.78	
		For Grout And Fill With 2 #5 Rebar, Add	.....	7.94	
		For Scored Block, Add	.....	0.52	
		For Curved Wall Application, Add	.....	2.14	
		For 3,500 PSI, Add	.....	0.55	
		For 5,000 PSI, Add	.....	0.94	
04 22 23 13-0035	LF	8" x 8" x 16", Normal Weight, Bond Beam Or Lintel Concrete Block	.....	14.58	
		For Stacked Bond, Add	.....	2.95	
		For Grout And Fill With 2 #5 Rebar, Add	.....	8.91	
		For Scored Block, Add	.....	0.65	
		For Curved Wall Application, Add	.....	2.27	
		For 3,500 PSI, Add	.....	0.68	
		For 5,000 PSI, Add	.....	1.17	
04 22 23 13-0036	LF	12" x 8" x 16", Normal Weight, Bond Beam Or Lintel Concrete Block	.....	18.14	
		For Stacked Bond, Add	.....	3.81	
		For Grout And Fill With 2 #5 Rebar, Add	.....	10.81	
		For Scored Block, Add	.....	0.69	
		For Curved Wall Application, Add	.....	2.93	
		For 3,500 PSI, Add	.....	0.73	
		For 5,000 PSI, Add	.....	1.25	
04 22 23 23 Prefaced Concrete Unit Masonry (04 22 23)					
04 22 23 23-0001	Ground Face Concrete Blocks (04 22 23 23)				
04 22 23 23-0002	SF	4" x 8" x 16", Ground Face, Concrete Block	.....	14.98	
		For Stacked Bond, Add	.....	3.09	
		For Scored Block, Add	.....	0.62	
		For Curved Wall Application, Add	.....	2.37	
		For <10, Small Area Replacements (Individual Areas), Add	.....	18.04	
04 22 23 23-0003	SF	6" x 8" x 16", Ground Face, Concrete Block	.....	16.90	
		For Stacked Bond, Add	.....	3.47	
		For Scored Block, Add	.....	0.71	
		For Curved Wall Application, Add	.....	2.67	
		For <10, Small Area Replacements (Individual Areas), Add	.....	20.31	
04 22 23 23-0004	SF	8" x 8" x 16", Ground Face, Concrete Block	.....	18.30	
		For Stacked Bond, Add	.....	3.67	
		For Scored Block, Add	.....	0.84	
		For Curved Wall Application, Add	.....	2.82	
		For <10, Small Area Replacements (Individual Areas), Add	.....	21.48	
04 22 23 23-0005	SF	10" x 8" x 16", Ground Face, Concrete Block	.....	19.59	
		For Stacked Bond, Add	.....	3.89	
		For Scored Block, Add	.....	0.92	
		For Curved Wall Application, Add	.....	2.99	
		For <10, Small Area Replacements (Individual Areas), Add	.....	22.80	
04 22 23 23-0006	SF	12" x 8" x 16", Ground Face, Concrete Block	.....	23.39	
		For Stacked Bond, Add	.....	4.77	
		For Scored Block, Add	.....	1.01	
		For Curved Wall Application, Add	.....	3.67	
		For <10, Small Area Replacements (Individual Areas), Add	.....	27.89	
04 22 23 26 Sound-Absorbing Concrete Unit Masonry (04 22 23)					
04 22 23 26-0001	Slotted, Acoustical Concrete Block (04 22 23 26)				
04 22 23 26-0002	SF	4" x 8" x 16", .45 - .55 NRC, Slotted, Acoustical Concrete Block	.....	20.47	
		For Stacked Bond, Add	.....	3.09	
		For Curved Wall Application, Add	.....	2.37	
		For <10, Small Area Replacements (Individual Areas), Add	.....	18.45	
04 22 23 26-0003	SF	6" x 8" x 16", .45 - .55 NRC, Slotted, Acoustical Concrete Block	.....	22.98	
		For Stacked Bond, Add	.....	3.35	
		For Curved Wall Application, Add	.....	2.58	
		For <10, Small Area Replacements (Individual Areas), Add	.....	20.11	
04 22 23 26-0004	SF	8" x 8" x 16", .45 - .55 NRC, Slotted, Acoustical Concrete Block	.....	26.53	
		For Stacked Bond, Add	.....	3.67	
		For Curved Wall Application, Add	.....	2.82	
		For <10, Small Area Replacements (Individual Areas), Add	.....	22.10	
04 22 23 29 Split-Face Concrete Unit Masonry (04 22 23)					
04 22 23 29-0001	Split Face, Concrete Blocks (04 22 23 29)				
04 22 23 29-0002	Plain Or Scored, Split Face, Concrete Blocks (04 22 23 29-0001)				
04 22 23 29-0003	SF	4" x 8" x 16", Plain Or Scored, Split Face, Concrete Block	.....	15.35	
		For Stacked Bond, Add	.....	3.09	
		For Curved Wall Application, Add	.....	2.37	
		For <10, Small Area Replacements (Individual Areas), Add	.....	18.07	
04 22 23 29-0004	SF	6" x 8" x 16", Plain Or Scored, Split Face, Concrete Block	.....	17.34	
		For Stacked Bond, Add	.....	3.47	
		For Curved Wall Application, Add	.....	2.67	
		For <10, Small Area Replacements (Individual Areas), Add	.....	20.34	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 22 23 29-0005	SF	8" x 8" x 16", Plain Or Scored, Split Face, Concrete Block	.....	18.80	
		For Stacked Bond, Add	.....	3.67	
		For Curved Wall Application, Add	.....	2.82	
		For <10, Small Area Replacements (Individual Areas), Add	.....	21.52	
04 22 23 29-0006	SF	10" x 8" x 16", Plain Or Scored, Split Face, Concrete Block	.....	20.18	
		For Stacked Bond, Add	.....	3.89	
		For Curved Wall Application, Add	.....	2.99	
		For <10, Small Area Replacements (Individual Areas), Add	.....	22.85	
04 22 23 29-0007	SF	12" x 8" x 16", Plain Or Scored, Split Face, Concrete Block	.....	23.74	
		For Stacked Bond, Add	.....	4.77	
		For Curved Wall Application, Add	.....	3.67	
		For <10, Small Area Replacements (Individual Areas), Add	.....	27.92	
04 22 23 29-0008		Plain Or Scored, Split Face, Bond Beam Or Lintel Concrete Blocks	(04 22 23 29-0001)		
04 22 23 29-0009	SF	4" x 8" x 16", Plain Or Scored, Split Face, Bond Beam Or Lintel Concrete Block	.....	18.22	
		For Stacked Bond, Add	.....	3.09	
		For Grout And Fill With 2 #5 Rebar, Add	.....	10.29	
		For Curved Wall Application, Add	.....	2.37	
		For <10, Small Area Replacements (Individual Areas), Add	.....	18.13	
04 22 23 29-0010	SF	6" x 8" x 16", Plain Or Scored, Split Face, Bond Beam Or Lintel Concrete Block	.....	18.33	
		For Stacked Bond, Add	.....	3.47	
		For Grout And Fill With 2 #5 Rebar, Add	.....	11.65	
		For Curved Wall Application, Add	.....	2.67	
		For <10, Small Area Replacements (Individual Areas), Add	.....	20.41	
04 22 23 29-0011	SF	8" x 8" x 16", Plain Or Scored, Split Face, Bond Beam Or Lintel Concrete Block	.....	19.97	
		For Stacked Bond, Add	.....	3.67	
		For Grout And Fill With 2 #5 Rebar, Add	.....	12.92	
		For Curved Wall Application, Add	.....	2.82	
		For <10, Small Area Replacements (Individual Areas), Add	.....	21.60	
04 22 23 29-0012	SF	10" x 8" x 16", Plain Or Scored, Split Face, Bond Beam Or Lintel Concrete Block	.....	21.48	
		For Stacked Bond, Add	.....	3.89	
		For Grout And Fill With 2 #5 Rebar, Add	.....	14.00	
		For Curved Wall Application, Add	.....	2.99	
		For <10, Small Area Replacements (Individual Areas), Add	.....	22.94	
04 22 23 29-0013	SF	12" x 8" x 16", Plain Or Scored, Split Face, Bond Beam Or Lintel Concrete Block	.....	25.09	
		For Stacked Bond, Add	.....	4.77	
		For Grout And Fill With 2 #5 Rebar, Add	.....	15.92	
		For Curved Wall Application, Add	.....	3.67	
		For <10, Small Area Replacements (Individual Areas), Add	.....	28.02	
04 22 23 29-0014		Split Rib, Concrete Block	(04 22 23 29-0014)		
04 22 23 29-0015		Split Rib, Concrete Block	(04 22 23 29-0014)		
04 22 23 29-0016	SF	4" x 8" x 16", Split Rib, Concrete Block	.....	15.08	
		For Stacked Bond, Add	.....	3.09	
		For Curved Wall Application, Add	.....	2.37	
		For <10, Small Area Replacements (Individual Areas), Add	.....	18.05	
04 22 23 29-0017	SF	6" x 8" x 16", Split Rib, Concrete Block	.....	17.98	
		For Stacked Bond, Add	.....	3.47	
		For Curved Wall Application, Add	.....	2.67	
		For <10, Small Area Replacements (Individual Areas), Add	.....	20.39	
04 22 23 29-0018	SF	8" x 8" x 16", Split Rib, Concrete Block	.....	19.13	
		For Stacked Bond, Add	.....	3.67	
		For Curved Wall Application, Add	.....	2.82	
		For <10, Small Area Replacements (Individual Areas), Add	.....	21.54	
04 22 23 29-0019	SF	10" x 8" x 16", Split Rib, Concrete Block	.....	20.46	
		For Stacked Bond, Add	.....	3.89	
		For Curved Wall Application, Add	.....	2.99	
		For <10, Small Area Replacements (Individual Areas), Add	.....	22.87	
04 22 23 29-0020	SF	12" x 8" x 16", Split Rib, Concrete Block	.....	24.35	
		For Stacked Bond, Add	.....	4.77	
		For Curved Wall Application, Add	.....	3.67	
		For <10, Small Area Replacements (Individual Areas), Add	.....	27.96	
04 22 23 31		Glazed Concrete Masonry Unit	(04 22 23)		
04 22 23 31-0001		One Glazed Face, Concrete Blocks	(04 22 23 31)		
04 22 23 31-0002		One Glazed Face, Concrete Blocks	(04 22 23 31-0001)		
04 22 23 31-0003	SF	4" x 8" x 16", One Glazed Face, Concrete Block	.....	26.92	
		For Stacked Bond, Add	.....	2.99	
		For Curved Wall Application, Add	.....	2.30	
		For <10, Small Area Replacements (Individual Areas), Add	.....	18.42	
04 22 23 31-0004	SF	6" x 8" x 16", One Glazed Face, Concrete Block	.....	28.81	
		For Stacked Bond, Add	.....	3.30	
		For Curved Wall Application, Add	.....	2.54	
		For <10, Small Area Replacements (Individual Areas), Add	.....	20.23	
04 22 23 31-0005	SF	8" x 8" x 16", One Glazed Face, Concrete Block	.....	30.51	
		For Stacked Bond, Add	.....	3.47	
		For Curved Wall Application, Add	.....	2.67	
		For <10, Small Area Replacements (Individual Areas), Add	.....	21.33	



Masonry			04
Unit Masonry			04 20
Concrete Unit Masonry			04 22

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 22 23 31-0006	SF		10" x 8" x 16", One Glazed Face, Concrete Block	32.31	
			For Stacked Bond, Add	3.67	
			For Curved Wall Application, Add	2.82	
			For <10, Small Area Replacements (Individual Areas), Add	22.53	
04 22 23 31-0007	SF		12" x 8" x 16", One Glazed Face, Concrete Block	36.36	
			For Stacked Bond, Add	4.49	
			For Curved Wall Application, Add	3.45	
			For <10, Small Area Replacements (Individual Areas), Add	27.34	
04 22 23 31-0008			Two Glazed Faces, Concrete Blocks (04 22 23 31)		
04 22 23 31-0009			Two Glazed Faces, Concrete Blocks (04 22 23 31-0008)		
04 22 23 31-0010	SF		4" x 8" x 16", Two Glazed Faces, Concrete Block	36.01	
			For Stacked Bond, Add	3.41	
			For Curved Wall Application, Add	2.63	
			For <10, Small Area Replacements (Individual Areas), Add	21.41	
04 22 23 31-0011	SF		6" x 8" x 16", Two Glazed Faces, Concrete Block	37.75	
			For Stacked Bond, Add	3.67	
			For Curved Wall Application, Add	2.82	
			For <10, Small Area Replacements (Individual Areas), Add	22.94	
04 22 23 31-0012	SF		8" x 8" x 16", Two Glazed Faces, Concrete Block	40.25	
			For Stacked Bond, Add	4.05	
			For Curved Wall Application, Add	3.12	
			For <10, Small Area Replacements (Individual Areas), Add	25.23	
04 23 Glass Unit Masonry (04 20)					
04 23 13 Vertical Glass Unit Masonry (04 23)					
Note: Includes 1/4" mortar joints and caulking. Excludes joint reinforcement and anchors.					
04 23 13 00-0001 Glass Block Unit Masonry (04 23 13)					
04 23 13 00-0002	SF		6" x 6" x 4" Plain Glass Block	58.18	
			For Solar Reflective (Suntrol) Blocks, Add	9.77	
			For Essex (Horizontal Striated) Blocks, Add	5.58	
			For Sculptured Or Patterned Blocks, Add	9.77	
			For Colored Glass, Add	27.90	
			For Thinline Block, Deduct	-6.98	
			For >1,000 To 5,000, Deduct	-4.41	
			For >5,000, Deduct	-7.31	
04 23 13 00-0003	SF		8" x 8" x 4" Plain Glass Block	42.01	
			For Solar Reflective (Suntrol) Blocks, Add	6.91	
			For Essex (Horizontal Striated) Blocks, Add	3.95	
			For Sculptured Or Patterned Blocks, Add	6.91	
			For Colored Glass, Add	19.75	
			For Thinline Block, Deduct	-4.94	
			For >1,000 To 5,000, Deduct	-3.20	
			For >5,000, Deduct	-5.30	
04 23 13 00-0004	SF		12" x 12" x 4" Plain Glass Block	45.71	
			For Solar Reflective (Suntrol) Blocks, Add	8.83	
			For Essex (Horizontal Striated) Blocks, Add	5.05	
			For Sculptured Or Patterned Blocks, Add	8.83	
			For Colored Glass, Add	25.23	
			For Thinline Block, Deduct	-6.31	
			For >1,000 To 5,000, Deduct	-3.30	
			For >5,000, Deduct	-5.58	
04 23 13 00-0005 Solid Glass Block (Vistabrik®) (04 23 13)					
04 23 13 00-0006	SF		3" x 8" x 3" Solid Glass Block (Vistabrik®)	476.85	
04 23 13 00-0007	SF		4" x 8" x 3" Solid Glass Block (Vistabrik®)	363.67	
04 23 13 00-0008	SF		6" x 8" x 3" Solid Glass Block (Vistabrik®)	251.83	
04 23 13 00-0009	SF		8" x 8" x 3" Solid Glass Block (Vistabrik®)	176.73	
04 40 Stone Assemblies (04)					
Note: Includes pointing and cleaning of new stone and mortar. All stone prices include material and mortar.					
04 41 Dry-Placed Stone (04 40)					
04 41 00 00-0001 Ashlar Veneer, Random Size, Square Cut Rough Stone (04 41)					
04 41 00 00-0002	SF		4" Thick Ashlar Veneer, Random Size, Square Cut Rough Stone	24.48	7.03
04 41 00 00-0003	SF		6" Thick Ashlar Veneer, Random Size, Square Cut Rough Stone	24.93	7.03
04 42 Exterior Stone Cladding (04 40)					
04 42 43 Stone Panels for Curtain Walls (04 42)					
04 42 43 00-0001 Marble Facing Panels (04 42 43)					
Note: 3' x 1.5'					
04 42 43 00-0002	SF		3/4" Thick Marble Facing Panels	78.92	16.44
04 42 43 00-0003	SF		7/8" Thick Marble Facing Panels	83.80	16.64

04 Masonry**04 40 Stone Assemblies****04 42 Exterior Stone Cladding**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 42 43 00-0004	SF	1-1/2" Thick Marble Facing Panels	98.04	16.97
04 42 43 00-0005	SF	2" Thick Marble Facing Panels	108.40	17.50
04 42 43 00-0006	SF	2-1/4" Thick Marble Facing Panels	115.58	18.55
04 42 43 00-0007	CF	Marble Face Panel.....	497.52	60.43
04 42 43 00-0008		Smooth Limestone Panels (04 42 43) Note: Up to 12' x 5' panels.		
04 42 43 00-0009	SF	1-1/2" Thick Smooth Limestone Panels	56.67	32.98
04 42 43 00-0010	SF	2" Thick Smooth Limestone Panels	60.06	34.57
04 42 43 00-0011	SF	3" Thick Smooth Limestone Panels	63.65	36.15
04 42 43 00-0012	SF	4" Thick Smooth Limestone Panels	73.63	39.75
04 42 43 00-0013		Sandstone Panels (04 42 43)		
04 42 43 00-0014	SF	2-1/2" Thick Sandstone Panels.....	64.77	34.57
04 42 43 00-0015	SF	4" Thick Sandstone Panels	71.23	39.75
04 42 43 00-0016	SF	Split Face Sandstone Panels, Random Sizes.....	65.64	39.75
04 43 Stone Masonry (04 40)				
04 43 16 Stone Fabrications (04 43)				
04 43 16 00-0001		Marble (04 43 16)		
04 43 16 00-0002		Marble Base (04 43 16 00-0001) Note: 1" thick.		
04 43 16 00-0003	LF	4" High Marble Base	106.62	64.62
04 43 16 00-0004	LF	6" High Marble Base	122.12	70.39
04 43 16 00-0005		Marble Columns (04 43 16 00-0001)		
04 43 16 00-0006	CF	Plain Faced Solid Marble Columns.....	332.28	60.43
04 43 16 00-0007	CF	Fluted, Carved Solid Marble Columns	575.06	60.43
04 43 16 00-0008		Marble Flooring (04 43 16 00-0001)		
04 43 16 00-0009	SF	3/8" Uniform Color Marble Flooring.....	31.23	14.79
04 43 16 00-0010	SF	1/2" Uniform Color Marble Flooring.....	33.93	14.79
04 43 16 00-0011	SF	1/2" Travertine Marble Flooring.....	41.01	16.90
04 43 16 00-0012		Marble Items (04 43 16 00-0001)		
04 43 16 00-0013	LF	12" Wide Marble Stair Treads	89.26	23.34
04 43 16 00-0014	LF	6" Wide Marble Stair Risers	67.62	18.71
04 43 16 00-0015	LF	6" Wide x 2" Thick Marble Window Sills.....	39.42	13.84
04 43 16 00-0016	LF	5" Wide x 7/8" Thick Marble Window Stool, Polished	80.65	16.98
04 43 16 00-0017	SF	7/8" Thick, Non-Skid, Marble Patio Blocks.....	41.02	21.45
04 43 16 00-0018		Limestone (04 43 16)		
04 43 16 00-0019		Ashlar Veneer Limestone (04 43 16 00-0018)		
04 43 16 00-0020	SF	4" Ashlar Veneer Limestone, Random Sizes	56.22	23.34
04 43 16 00-0021	SF	6" To 8" Thick, Pitched Face Ashlar Veneer Limestone, Random Sizes	85.29	32.06
04 43 16 00-0022		Limestone Coping (04 43 16 00-0018) Note: Measured from the highest point. Includes drilling into existing materials, caulk and ties.		
04 43 16 00-0023	SF	2-1/2" Thick Limestone Coping.....	27.75	8.48
04 43 16 00-0024	SF	3" Thick Limestone Coping	30.95	9.01
04 43 16 00-0025	SF	3-1/2" Thick Limestone Coping	34.17	9.55
04 43 16 00-0026	SF	4" Thick Limestone Coping	36.32	9.86
04 43 16 00-0027	SF	5" Thick Limestone Coping	41.69	10.08
04 43 16 00-0028	SF	6" Thick Limestone Coping	59.74	10.60
04 43 16 00-0029	CF	>6" Thick Limestone Coping	97.43	21.01
04 43 16 00-0030		Limestone Stair Treads (04 43 16 00-0018)		
04 43 16 00-0031	SF	2" Thick Limestone Treads	33.61	7.95
04 43 16 00-0032	SF	2-1/2" Thick Limestone Treads	35.68	8.48
04 43 16 00-0033	SF	3" Thick Limestone Treads	39.85	9.01
04 43 16 00-0034	SF	3-1/2" Thick Limestone Treads	42.96	9.55
04 43 16 00-0035	SF	4" Thick Limestone Treads	46.07	9.55
04 43 16 00-0036	SF	5" Thick Limestone Treads	50.17	10.08
04 43 16 00-0037	SF	6" Thick Limestone Tread, Smooth Finish	68.43	10.60
04 43 16 00-0038		Limestone Items (04 43 16 00-0018)		
04 43 16 00-0039	CF	Sawn Edge Limestone Block, Sill, Lintel, Jamb And Other Trim.....	171.75	78.80



Masonry			04
Stone Assemblies			04 40
Stone Masonry			04 43

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

04 43 16 00-0040			Granite (04 43 16)		
04 43 16 00-0041			Polished Granite Veneer Facing Panels (04 43 16 00-0040)		
Note: Excludes structural support steel.					
04 43 16 00-0042	SF		7/8" Thick Black Polished Granite Veneer Facing Panels.....	93.60	33.19
04 43 16 00-0043	SF		7/8" Thick Gray Polished Granite Veneer Facing Panels.....	85.78	33.19
04 43 16 00-0044			Granite Stair Treads (04 43 16 00-0040)		
04 43 16 00-0045	SF		2" Thick Granite Stair Tread	54.55	7.95
04 43 16 00-0046			Slate (04 43 16)		
04 43 16 00-0047			Slate Panels Or Sills (04 43 16 00-0046)		
04 43 16 00-0048	SF		1" Thick Slate Panels.....	58.39	33.19
04 43 16 00-0049	SF		2" Thick Slate Panels.....	67.58	33.19
04 43 16 00-0050			Slate Sills Or Stools (04 43 16 00-0046)		
04 43 16 00-0051	LF		6" Wide, 1" Thick Slate Sills Or Stools With Sand Finish.....	26.07	13.92
04 43 16 00-0052	LF		10" Wide, 1" Thick Slate Sills Or Stools With Sand Finish.....	31.92	13.92
04 43 16 00-0053	LF		6" Wide, 2" Thick Slate Sills Or Stools With Sand Finish.....	31.09	13.92
04 43 16 00-0054	LF		10" Wide, 2" Thick Slate Sills Or Stools With Sand Finish.....	43.62	13.92
04 43 16 00-0055			Slate Stair Treads (04 43 16 00-0046)		
04 43 16 00-0056	SF		2" Thick Slate Stair Tread	39.29	7.95

04 50 Refractory Masonry (04)

04 51 Flue Liner Masonry (04 50)

Note: Includes mortar joints.

04 51 00 00-0001			Rectangular Flue Liners (04 51)		
04 51 00 00-0002	VLF		4" x 8" Clay Flue Liners	18.77	
04 51 00 00-0003	VLF		8" x 8" Clay Flue Liners	26.09	
04 51 00 00-0004	VLF		8" x 12" Clay Flue Liners.....	29.69	
04 51 00 00-0005	VLF		12" x 12" Clay Flue Liners.....	37.00	
04 51 00 00-0006	VLF		12" x 16" Clay Flue Liners.....	45.40	
04 51 00 00-0007	VLF		12" x 18" Clay Flue Liners.....	51.71	
04 51 00 00-0008	VLF		16" x 16" Clay Flue Liners.....	56.33	
04 51 00 00-0009	VLF		16" x 20" Clay Flue Liners.....	69.80	
04 51 00 00-0010	VLF		18" x 18" Clay Flue Liners.....	74.60	
04 51 00 00-0011	VLF		20" x 20" Clay Flue Liners.....	96.36	
04 51 00 00-0012	VLF		20" x 24" Clay Flue Liners.....	104.99	
04 51 00 00-0013	VLF		24" x 24" Clay Flue Liners.....	124.71	

04 51 00 00-0014			Round Flue Liners (04 51)		
04 51 00 00-0015	VLF		6" Diameter Clay Flue Liners	46.40	
04 51 00 00-0016	VLF		8" Diameter Clay Flue Liners	68.03	
04 51 00 00-0017	VLF		10" Diameter Clay Flue Liners	89.78	
04 51 00 00-0018	VLF		12" Diameter Clay Flue Liners	109.53	
04 51 00 00-0019	VLF		15" Diameter Clay Flue Liners	134.61	
04 51 00 00-0020	VLF		18" Diameter Clay Flue Liners	145.52	
04 51 00 00-0021	VLF		21" Diameter Clay Flue Liners	185.83	
04 51 00 00-0022	VLF		24" Diameter Clay Flue Liners	228.31	
04 51 00 00-0023	VLF		27" Diameter Clay Flue Liners	263.52	
04 51 00 00-0024	VLF		30" Diameter Clay Flue Liners	299.78	
04 51 00 00-0025	VLF		33" Diameter Clay Flue Liners	314.20	
04 51 00 00-0026	VLF		36" Diameter Clay Flue Liners	320.52	

04 51 00 00-0027			Standard Chimney Block (04 51)		
Note: Includes refractory mortar. Excludes flue liners.					
04 51 00 00-0028	EA		14" x 14" x 8" Concrete Block Chimney Unit.....	30.56	
04 51 00 00-0029	EA		14" x 18" x 8" Concrete Block Chimney Unit.....	33.65	
04 51 00 00-0030	EA		16" x 16" x 8" Concrete Block Chimney Unit.....	33.86	
04 51 00 00-0031	EA		17" x 17" x 8" Concrete Block Chimney Unit.....	35.56	
04 51 00 00-0032	EA		16" x 20" x 8" Concrete Block Chimney Unit.....	37.48	
04 51 00 00-0033	EA		17" x 21" x 8" Concrete Block Chimney Unit.....	39.55	
04 51 00 00-0034	EA		21" x 21" x 8" Concrete Block Chimney Unit.....	44.75	

04 70 Manufactured Masonry (04)

04	04	Masonry
	04 70	Manufactured Masonry
	04 72	Cast Stone Masonry



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

04 72 Cast Stone Masonry (04 70)

04 72 00 00-0001			Precast Concrete Lintels (04 72)		
04 72 00 00-0002			Solid Precast Concrete Lintels (04 72 00 00-0001)		
04 72 00 00-0003	LF		4" x 8", Solid Precast Concrete Lintel	16.90	
04 72 00 00-0004	LF		6" x 8", Solid Precast Concrete Lintel	21.82	
04 72 00 00-0005	LF		8" x 8", Solid Precast Concrete Lintel	27.14	
04 72 00 00-0006			U Shaped Precast Concrete Lintels (04 72 00 00-0001)		
			Note: Excludes concrete fill and field added reinforcing. See CSI section 04 05 16 26-0001 for concrete fill.		
04 72 00 00-0007	LF		6" x 8", U Shaped Precast Concrete Lintel	18.14	
04 72 00 00-0008	LF		8" x 8", U Shaped Precast Concrete Lintel	22.15	
04 72 00 00-0009	LF		12" x 8", U Shaped Precast Concrete Lintel	37.17	
04 72 00 00-0010			Precast Concrete Coping (04 72)		
			Note: Includes caulk and ties. Excludes drilling into existing materials or other anchoring bolts.		
04 72 00 00-0011			Precast Concrete Coping (04 72 00 00-0010)		
			Note: Measured at highest point.		
04 72 00 00-0012	SF		2" Thick Precast Concrete Coping	49.21	11.39
04 72 00 00-0013	SF		2-1/2" Thick Precast Concrete Coping	55.40	12.26
04 72 00 00-0014	SF		3" Thick Precast Concrete Coping	63.93	13.13
04 72 00 00-0015	SF		3-1/2" Thick Precast Concrete Coping	68.74	14.01
04 72 00 00-0016	SF		4" Thick Precast Concrete Coping	73.59	14.88
04 72 00 00-0017	SF		5" Thick Precast Concrete Coping	87.43	15.76
04 72 00 00-0018	SF		6" Thick Precast Concrete Coping	99.66	16.63
04 72 00 00-0019			Precast Concrete Window Sills (04 72)		
			Note: Includes caulk and ties.		
04 72 00 00-0020			Precast Concrete Window Sills (04 72 00 00-0019)		
04 72 00 00-0021	LF		6" Wide Precast Concrete Window Sill	36.01	8.75
04 72 00 00-0022	LF		10" Wide Precast Concrete Window Sill	53.82	8.75
04 72 00 00-0023	LF		14" Wide Precast Concrete Window Sill	63.48	8.75

END OF SECTION 04



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

05 Metals

05 05 Common Work Results for Metals (05)

05 05 19 Post-Installed Concrete Anchors (05 05)

See CSI section 03 15 19 00-0000 for cast-in concrete anchors.

05 05 19 00-0001	Concrete And Masonry Anchors (05 05 19)	
05 05 19 00-0002	Expansion Anchors (05 05 19 00-0001) Note: Includes drilling.	
05 05 19 00-0003	Wedge Expansion Bolt Anchors (05 05 19 00-0002)	
05 05 19 00-0004	Zinc Plated Steel, Wedge Anchor Expansion Bolt (05 05 19 00-0003) Note: Includes nut and washer.	
05 05 19 00-0005	EA 1/4" Diameter x 1-3/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	11.96
	For >10 To 50, Deduct	-0.54
	For >50 To 100, Deduct	-1.10
	For >100, Deduct	-2.20
05 05 19 00-0006	EA 1/4" Diameter x 2-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	12.15
	For >10 To 50, Deduct	-0.54
	For >50 To 100, Deduct	-1.11
	For >100, Deduct	-2.21
05 05 19 00-0007	EA 1/4" Diameter x 3-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	12.56
	For >10 To 50, Deduct	-0.55
	For >50 To 100, Deduct	-1.14
	For >100, Deduct	-2.28
05 05 19 00-0008	EA 3/8" Diameter x 2-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	14.79
	For >10 To 50, Deduct	-0.65
	For >50 To 100, Deduct	-1.35
	For >100, Deduct	-2.69
05 05 19 00-0009	EA 3/8" Diameter x 2-3/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	14.94
	For >10 To 50, Deduct	-0.65
	For >50 To 100, Deduct	-1.35
	For >100, Deduct	-2.70
05 05 19 00-0010	EA 3/8" Diameter x 3" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	15.00
	For >10 To 50, Deduct	-0.65
	For >50 To 100, Deduct	-1.35
	For >100, Deduct	-2.70
05 05 19 00-0011	EA 3/8" Diameter x 5" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	15.56
	For >10 To 50, Deduct	-0.65
	For >50 To 100, Deduct	-1.37
	For >100, Deduct	-2.73
05 05 19 00-0012	EA 1/2" Diameter x 2-3/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	21.71
	For >10 To 50, Deduct	-0.93
	For >50 To 100, Deduct	-1.93
	For >100, Deduct	-3.86
05 05 19 00-0013	EA 1/2" Diameter x 3-3/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	21.83
	For >10 To 50, Deduct	-0.93
	For >50 To 100, Deduct	-1.93
	For >100, Deduct	-3.87
05 05 19 00-0014	EA 1/2" Diameter x 4-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	22.06
	For >10 To 50, Deduct	-0.93
	For >50 To 100, Deduct	-1.94
	For >100, Deduct	-3.88
05 05 19 00-0015	EA 1/2" Diameter x 5-1/2" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	22.69
	For >10 To 50, Deduct	-0.93
	For >50 To 100, Deduct	-1.96
	For >100, Deduct	-3.91
05 05 19 00-0016	EA 1/2" Diameter x 7" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	23.56
	For >10 To 50, Deduct	-0.93
	For >50 To 100, Deduct	-1.98
	For >100, Deduct	-3.96
05 05 19 00-0017	EA 5/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	29.28
	For >10 To 50, Deduct	-1.14
	For >50 To 100, Deduct	-2.45
	For >100, Deduct	-4.89
05 05 19 00-0018	EA 5/8" Diameter x 4-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	29.47
	For >10 To 50, Deduct	-1.14
	For >50 To 100, Deduct	-2.45
	For >100, Deduct	-4.90
05 05 19 00-0019	EA 5/8" Diameter x 5" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	29.87
	For >10 To 50, Deduct	-1.14
	For >50 To 100, Deduct	-2.46
	For >100, Deduct	-4.92
05 05 19 00-0020	EA 5/8" Diameter x 6" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	30.64
	For >10 To 50, Deduct	-1.14
	For >50 To 100, Deduct	-2.48
	For >100, Deduct	-4.96
05 05 19 00-0021	EA 5/8" Diameter x 7" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	31.42
	For >10 To 50, Deduct	-1.14
	For >50 To 100, Deduct	-2.50
	For >100, Deduct	-5.00

05 Metals**05 05 Common Work Results for Metals****05 05 19 Post-Installed Concrete Anchors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0022	EA		5/8" Diameter x 8-1/2" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	37.53	
			For >10 To 50, Deduct	-1.14	
			For >50 To 100, Deduct	-2.65	
			For >100, Deduct	-5.31	
05 05 19 00-0023	EA		5/8" Diameter x 10" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	42.78	
			For >10 To 50, Deduct	-1.14	
			For >50 To 100, Deduct	-2.78	
			For >100, Deduct	-5.57	
05 05 19 00-0024	EA		3/4" Diameter x 4-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	35.70	
			For >10 To 50, Deduct	-1.36	
			For >50 To 100, Deduct	-2.93	
			For >100, Deduct	-5.87	
05 05 19 00-0025	EA		3/4" Diameter x 4-3/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	35.86	
			For >10 To 50, Deduct	-1.36	
			For >50 To 100, Deduct	-2.94	
			For >100, Deduct	-5.87	
05 05 19 00-0026	EA		3/4" Diameter x 5-1/2" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	36.80	
			For >10 To 50, Deduct	-1.36	
			For >50 To 100, Deduct	-2.96	
			For >100, Deduct	-5.92	
05 05 19 00-0027	EA		3/4" Diameter x 6-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	37.92	
			For >10 To 50, Deduct	-1.36	
			For >50 To 100, Deduct	-2.99	
			For >100, Deduct	-5.98	
05 05 19 00-0028	EA		3/4" Diameter x 7" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	39.21	
			For >10 To 50, Deduct	-1.36	
			For >50 To 100, Deduct	-3.02	
			For >100, Deduct	-6.04	
05 05 19 00-0029	EA		3/4" Diameter x 8-1/2" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	44.11	
			For >10 To 50, Deduct	-1.36	
			For >50 To 100, Deduct	-3.14	
			For >100, Deduct	-6.29	
05 05 19 00-0030	EA		3/4" Diameter x 10" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	50.63	
			For >10 To 50, Deduct	-1.36	
			For >50 To 100, Deduct	-3.31	
			For >100, Deduct	-6.61	
05 05 19 00-0031	EA		3/4" Diameter x 12" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	57.99	
			For >10 To 50, Deduct	-1.36	
			For >50 To 100, Deduct	-3.49	
			For >100, Deduct	-6.98	
05 05 19 00-0032	EA		7/8" Diameter x 6" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	53.78	
			For >10 To 50, Deduct	-1.48	
			For >50 To 100, Deduct	-3.56	
			For >100, Deduct	-7.12	
05 05 19 00-0033	EA		7/8" Diameter x 8" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	57.64	
			For >10 To 50, Deduct	-1.48	
			For >50 To 100, Deduct	-3.65	
			For >100, Deduct	-7.31	
05 05 19 00-0034	EA		7/8" Diameter x 10" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	62.77	
			For >10 To 50, Deduct	-1.48	
			For >50 To 100, Deduct	-3.78	
			For >100, Deduct	-7.57	
05 05 19 00-0035	EA		1" Diameter x 6" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	65.18	
			For >10 To 50, Deduct	-1.91	
			For >50 To 100, Deduct	-4.49	
			For >100, Deduct	-8.99	
05 05 19 00-0036	EA		1" Diameter x 9" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	72.47	
			For >10 To 50, Deduct	-1.91	
			For >50 To 100, Deduct	-4.68	
			For >100, Deduct	-9.35	
05 05 19 00-0037	EA		1" Diameter x 12" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	79.69	
			For >10 To 50, Deduct	-1.91	
			For >50 To 100, Deduct	-4.86	
			For >100, Deduct	-9.71	
05 05 19 00-0038	EA		1-1/4" Diameter x 9" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	85.64	
			For >10 To 50, Deduct	-2.45	
			For >50 To 100, Deduct	-5.81	
			For >100, Deduct	-11.62	
05 05 19 00-0039	EA		1-1/4" Diameter x 12" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	90.85	
			For >10 To 50, Deduct	-2.45	
			For >50 To 100, Deduct	-5.94	
			For >100, Deduct	-11.88	
05 05 19 00-0040			304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt (05 05 19 00-0003) Note: Includes nut and washer.		
05 05 19 00-0041	EA		1/4" Diameter x 1-3/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	13.15	
			For >10 To 50, Deduct	-0.54	
			For >50 To 100, Deduct	-1.13	
			For >100, Deduct	-2.26	
05 05 19 00-0042	EA		1/4" Diameter x 2-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	13.72	
			For >10 To 50, Deduct	-0.54	
			For >50 To 100, Deduct	-1.15	
			For >100, Deduct	-2.29	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0043	EA	1/4"	Diameter x 3-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	14.35	
			For >10 To 50, Deduct	-0.55	
			For >50 To 100, Deduct	-1.18	
			For >100, Deduct	-2.37	
05 05 19 00-0044	EA	3/8"	Diameter x 2-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	17.13	
			For >10 To 50, Deduct	-0.65	
			For >50 To 100, Deduct	-1.41	
			For >100, Deduct	-2.81	
05 05 19 00-0045	EA	3/8"	Diameter x 2-3/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	17.62	
			For >10 To 50, Deduct	-0.65	
			For >50 To 100, Deduct	-1.42	
			For >100, Deduct	-2.84	
05 05 19 00-0046	EA	3/8"	Diameter x 3" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	17.97	
			For >10 To 50, Deduct	-0.65	
			For >50 To 100, Deduct	-1.43	
			For >100, Deduct	-2.85	
05 05 19 00-0047	EA	3/8"	Diameter x 5" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	20.63	
			For >10 To 50, Deduct	-0.65	
			For >50 To 100, Deduct	-1.49	
			For >100, Deduct	-2.99	
05 05 19 00-0048	EA	1/2"	Diameter x 2-3/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	27.11	
			For >10 To 50, Deduct	-0.93	
			For >50 To 100, Deduct	-2.07	
			For >100, Deduct	-4.13	
05 05 19 00-0049	EA	1/2"	Diameter x 3-3/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	28.03	
			For >10 To 50, Deduct	-0.93	
			For >50 To 100, Deduct	-2.09	
			For >100, Deduct	-4.18	
05 05 19 00-0050	EA	1/2"	Diameter x 4-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	28.56	
			For >10 To 50, Deduct	-0.93	
			For >50 To 100, Deduct	-2.10	
			For >100, Deduct	-4.21	
05 05 19 00-0051	EA	1/2"	Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	30.98	
			For >10 To 50, Deduct	-0.93	
			For >50 To 100, Deduct	-2.16	
			For >100, Deduct	-4.33	
05 05 19 00-0052	EA	1/2"	Diameter x 7" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	34.62	
			For >10 To 50, Deduct	-0.93	
			For >50 To 100, Deduct	-2.25	
			For >100, Deduct	-4.51	
05 05 19 00-0053	EA	5/8"	Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	40.28	
			For >10 To 50, Deduct	-1.14	
			For >50 To 100, Deduct	-2.72	
			For >100, Deduct	-5.44	
05 05 19 00-0054	EA	5/8"	Diameter x 5" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	42.65	
			For >10 To 50, Deduct	-1.14	
			For >50 To 100, Deduct	-2.78	
			For >100, Deduct	-5.56	
05 05 19 00-0055	EA	5/8"	Diameter x 6" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	45.21	
			For >10 To 50, Deduct	-1.14	
			For >50 To 100, Deduct	-2.84	
			For >100, Deduct	-5.69	
05 05 19 00-0056	EA	5/8"	Diameter x 7" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	48.60	
			For >10 To 50, Deduct	-1.14	
			For >50 To 100, Deduct	-2.93	
			For >100, Deduct	-5.86	
05 05 19 00-0057	EA	5/8"	Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	63.53	
			For >10 To 50, Deduct	-1.14	
			For >50 To 100, Deduct	-3.30	
			For >100, Deduct	-6.61	
05 05 19 00-0058	EA	3/4"	Diameter x 4-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	48.13	
			For >10 To 50, Deduct	-1.36	
			For >50 To 100, Deduct	-3.24	
			For >100, Deduct	-6.49	
05 05 19 00-0059	EA	3/4"	Diameter x 4-3/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	52.93	
			For >10 To 50, Deduct	-1.36	
			For >50 To 100, Deduct	-3.36	
			For >100, Deduct	-6.73	
05 05 19 00-0060	EA	3/4"	Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	57.04	
			For >10 To 50, Deduct	-1.36	
			For >50 To 100, Deduct	-3.47	
			For >100, Deduct	-6.93	
05 05 19 00-0061	EA	3/4"	Diameter x 6-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	57.54	
			For >10 To 50, Deduct	-1.36	
			For >50 To 100, Deduct	-3.48	
			For >100, Deduct	-6.96	
05 05 19 00-0062	EA	3/4"	Diameter x 7" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	61.39	
			For >10 To 50, Deduct	-1.36	
			For >50 To 100, Deduct	-3.58	
			For >100, Deduct	-7.15	
05 05 19 00-0063	EA	3/4"	Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	71.39	
			For >10 To 50, Deduct	-1.36	
			For >50 To 100, Deduct	-3.83	
			For >100, Deduct	-7.65	

05 Metals**05 05 Common Work Results for Metals****05 05 19 Post-Installed Concrete Anchors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0064	EA		3/4" Diameter x 10" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	85.50	
			For >10 To 50, Deduct	-1.36	
			For >50 To 100, Deduct	-4.18	
			For >100, Deduct	-8.36	
05 05 19 00-0065	EA		7/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	85.18	
			For >10 To 50, Deduct	-1.48	
			For >50 To 100, Deduct	-4.34	
			For >100, Deduct	-8.69	
05 05 19 00-0066	EA		1" Diameter x 6" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	125.51	
			For >10 To 50, Deduct	-1.91	
			For >50 To 100, Deduct	-6.00	
			For >100, Deduct	-12.01	
05 05 19 00-0067	EA		1" Diameter x 9" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	146.37	
			For >10 To 50, Deduct	-1.91	
			For >50 To 100, Deduct	-6.52	
			For >100, Deduct	-13.05	
05 05 19 00-0068			316 Stainless Steel, Wedge Anchor Expansion Bolt (05 05 19 00-0003) Note: Includes nut and washer.		
05 05 19 00-0069	EA		1/4" Diameter x 2-1/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....	13.64	
			For >10 To 50, Deduct	-0.54	
			For >50 To 100, Deduct	-1.14	
			For >100, Deduct	-2.29	
05 05 19 00-0070	EA		1/4" Diameter x 3-1/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....	14.56	
			For >10 To 50, Deduct	-0.55	
			For >50 To 100, Deduct	-1.19	
			For >100, Deduct	-2.38	
05 05 19 00-0071	EA		3/8" Diameter x 2-1/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....	18.71	
			For >10 To 50, Deduct	-0.65	
			For >50 To 100, Deduct	-1.45	
			For >100, Deduct	-2.89	
05 05 19 00-0072	EA		3/8" Diameter x 2-3/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....	19.55	
			For >10 To 50, Deduct	-0.65	
			For >50 To 100, Deduct	-1.47	
			For >100, Deduct	-2.93	
05 05 19 00-0073	EA		3/8" Diameter x 3" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....	19.77	
			For >10 To 50, Deduct	-0.65	
			For >50 To 100, Deduct	-1.47	
			For >100, Deduct	-2.94	
05 05 19 00-0074	EA		3/8" Diameter x 5" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....	23.77	
			For >10 To 50, Deduct	-0.65	
			For >50 To 100, Deduct	-1.57	
			For >100, Deduct	-3.14	
05 05 19 00-0075	EA		1/2" Diameter x 2-3/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....	30.94	
			For >10 To 50, Deduct	-0.93	
			For >50 To 100, Deduct	-2.16	
			For >100, Deduct	-4.33	
05 05 19 00-0076	EA		1/2" Diameter x 3-3/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....	33.27	
			For >10 To 50, Deduct	-0.93	
			For >50 To 100, Deduct	-2.22	
			For >100, Deduct	-4.44	
05 05 19 00-0077	EA		1/2" Diameter x 4-1/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....	37.49	
			For >10 To 50, Deduct	-0.93	
			For >50 To 100, Deduct	-2.33	
			For >100, Deduct	-4.65	
05 05 19 00-0078	EA		1/2" Diameter x 5-1/2" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....	38.54	
			For >10 To 50, Deduct	-0.93	
			For >50 To 100, Deduct	-2.35	
			For >100, Deduct	-4.71	
05 05 19 00-0079	EA		5/8" Diameter x 5" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....	53.21	
			For >10 To 50, Deduct	-1.14	
			For >50 To 100, Deduct	-3.04	
			For >100, Deduct	-6.09	
05 05 19 00-0080	EA		5/8" Diameter x 7" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....	54.48	
			For >10 To 50, Deduct	-1.14	
			For >50 To 100, Deduct	-3.08	
			For >100, Deduct	-6.15	
05 05 19 00-0081	EA		3/4" Diameter x 4-3/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....	66.22	
			For >10 To 50, Deduct	-1.36	
			For >50 To 100, Deduct	-3.70	
			For >100, Deduct	-7.39	
05 05 19 00-0082	EA		3/4" Diameter x 5-1/2" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....	71.49	
			For >10 To 50, Deduct	-1.36	
			For >50 To 100, Deduct	-3.83	
			For >100, Deduct	-7.66	
05 05 19 00-0083			Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt (05 05 19 00-0003) Note: Includes nut and washer.		
05 05 19 00-0084	EA		1/2" Diameter x 2-3/4" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt.....	24.31	
			For >10 To 50, Deduct	-0.93	
			For >50 To 100, Deduct	-2.00	
			For >100, Deduct	-3.99	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0085	EA		1/2" Diameter x 4-1/4" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	25.83	
			For >10 To 50, Deduct	-0.93	
			For >50 To 100, Deduct	-2.03	
			For >100, Deduct	-4.07	
05 05 19 00-0086	EA		1/2" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	27.36	
			For >10 To 50, Deduct	-0.93	
			For >50 To 100, Deduct	-2.07	
			For >100, Deduct	-4.15	
05 05 19 00-0087	EA		1/2" Diameter x 7" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt.....	28.12	
			For >10 To 50, Deduct	-0.93	
			For >50 To 100, Deduct	-2.09	
			For >100, Deduct	-4.18	
05 05 19 00-0088	EA		5/8" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt.....	33.84	
			For >10 To 50, Deduct	-1.14	
			For >50 To 100, Deduct	-2.56	
			For >100, Deduct	-5.12	
05 05 19 00-0089	EA		5/8" Diameter x 6" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt.....	32.00	
			For >10 To 50, Deduct	-1.14	
			For >50 To 100, Deduct	-2.51	
			For >100, Deduct	-5.03	
05 05 19 00-0090	EA		3/4" Diameter x 4-3/4" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	44.29	
			For >10 To 50, Deduct	-1.36	
			For >50 To 100, Deduct	-3.15	
			For >100, Deduct	-6.30	
05 05 19 00-0091	EA		3/4" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	45.97	
			For >10 To 50, Deduct	-1.36	
			For >50 To 100, Deduct	-3.19	
			For >100, Deduct	-6.38	
05 05 19 00-0092	EA		3/4" Diameter x 8-1/2" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	54.21	
			For >10 To 50, Deduct	-1.36	
			For >50 To 100, Deduct	-3.40	
			For >100, Deduct	-6.79	
05 05 19 00-0093	EA		1" Diameter x 6" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt.....	55.77	
			For >10 To 50, Deduct	-1.91	
			For >50 To 100, Deduct	-4.26	
			For >100, Deduct	-8.52	
05 05 19 00-0094	EA		1" Diameter x 9" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt.....	60.52	
			For >10 To 50, Deduct	-1.91	
			For >50 To 100, Deduct	-4.38	
			For >100, Deduct	-8.76	
05 05 19 00-0095	EA		1" Diameter x 12" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt.....	65.22	
			For >10 To 50, Deduct	-1.91	
			For >50 To 100, Deduct	-4.50	
			For >100, Deduct	-8.99	
05 05 19 00-0096			Concrete Sleeve Anchors (05 05 19 00-0002)		
05 05 19 00-0097			Zinc Plated Steel, Concrete Sleeve Anchors (05 05 19 00-0096)		
			Note: Includes nut and washer.		
05 05 19 00-0098	EA		1/4" Diameter x 5/8" Length, Zinc Plated Steel, Concrete Sleeve Anchor	11.85	
			For >10 To 50, Deduct	-0.55	
			For >50 To 100, Deduct	-1.12	
			For >100, Deduct	-2.23	
05 05 19 00-0099	EA		1/4" Diameter x 1-3/8" Length, Zinc Plated Steel, Concrete Sleeve Anchor	12.13	
			For >10 To 50, Deduct	-0.55	
			For >50 To 100, Deduct	-1.12	
			For >100, Deduct	-2.25	
05 05 19 00-0100	EA		1/4" Diameter x 2-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	12.47	
			For >10 To 50, Deduct	-0.55	
			For >50 To 100, Deduct	-1.13	
			For >100, Deduct	-2.26	
05 05 19 00-0101	EA		5/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Concrete Sleeve Anchor	12.53	
			For >10 To 50, Deduct	-0.57	
			For >50 To 100, Deduct	-1.18	
			For >100, Deduct	-2.35	
05 05 19 00-0102	EA		5/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Concrete Sleeve Anchor	12.79	
			For >10 To 50, Deduct	-0.57	
			For >50 To 100, Deduct	-1.18	
			For >100, Deduct	-2.36	
05 05 19 00-0103	EA		3/8" Diameter x 1-7/8" Length, Zinc Plated Steel, Concrete Sleeve Anchor	14.20	
			For >10 To 50, Deduct	-0.65	
			For >50 To 100, Deduct	-1.33	
			For >100, Deduct	-2.66	
05 05 19 00-0104	EA		3/8" Diameter x 3" Length, Zinc Plated Steel, Concrete Sleeve Anchor	14.67	
			For >10 To 50, Deduct	-0.65	
			For >50 To 100, Deduct	-1.34	
			For >100, Deduct	-2.69	
05 05 19 00-0105	EA		3/8" Diameter x 4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	15.12	
			For >10 To 50, Deduct	-0.65	
			For >50 To 100, Deduct	-1.35	
			For >100, Deduct	-2.71	
05 05 19 00-0106	EA		1/2" Diameter x 2-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	20.68	
			For >10 To 50, Deduct	-0.93	
			For >50 To 100, Deduct	-1.90	
			For >100, Deduct	-3.81	

05 Metals**05 05 Common Work Results for Metals****05 05 19 Post-Installed Concrete Anchors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0107	EA		1/2" Diameter x 3" Length, Zinc Plated Steel, Concrete Sleeve Anchor	21.27	
			For >10 To 50, Deduct	-0.93	
			For >50 To 100, Deduct	-1.92	
			For >100, Deduct	-3.84	
05 05 19 00-0108	EA		1/2" Diameter x 4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	21.78	
			For >10 To 50, Deduct	-0.93	
			For >50 To 100, Deduct	-1.93	
			For >100, Deduct	-3.86	
05 05 19 00-0109	EA		1/2" Diameter x 6" Length, Zinc Plated Steel, Concrete Sleeve Anchor	22.39	
			For >10 To 50, Deduct	-0.93	
			For >50 To 100, Deduct	-1.95	
			For >100, Deduct	-3.89	
05 05 19 00-0110	EA		5/8" Diameter x 2-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	26.23	
			For >10 To 50, Deduct	-1.14	
			For >50 To 100, Deduct	-2.37	
			For >100, Deduct	-4.74	
05 05 19 00-0111	EA		5/8" Diameter x 3" Length, Zinc Plated Steel, Concrete Sleeve Anchor	27.12	
			For >10 To 50, Deduct	-1.14	
			For >50 To 100, Deduct	-2.39	
			For >100, Deduct	-4.78	
05 05 19 00-0112	EA		5/8" Diameter x 4-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	27.80	
			For >10 To 50, Deduct	-1.14	
			For >50 To 100, Deduct	-2.41	
			For >100, Deduct	-4.82	
05 05 19 00-0113	EA		5/8" Diameter x 6" Length, Zinc Plated Steel, Concrete Sleeve Anchor	29.72	
			For >10 To 50, Deduct	-1.14	
			For >50 To 100, Deduct	-2.46	
			For >100, Deduct	-4.91	
05 05 19 00-0114	EA		3/4" Diameter x 2-1/2" Length, Zinc Plated Steel, Concrete Sleeve Anchor	32.83	
			For >10 To 50, Deduct	-1.36	
			For >50 To 100, Deduct	-2.86	
			For >100, Deduct	-5.72	
05 05 19 00-0115	EA		3/4" Diameter x 4-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	34.49	
			For >10 To 50, Deduct	-1.36	
			For >50 To 100, Deduct	-2.90	
			For >100, Deduct	-5.80	
05 05 19 00-0116	EA		3/4" Diameter x 5-1/2" Length, Zinc Plated Steel, Concrete Sleeve Anchor	35.99	
			For >10 To 50, Deduct	-1.36	
			For >50 To 100, Deduct	-2.94	
			For >100, Deduct	-5.88	
05 05 19 00-0117	EA		3/4" Diameter x 6-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	38.38	
			For >10 To 50, Deduct	-1.36	
			For >50 To 100, Deduct	-3.00	
			For >100, Deduct	-6.00	
05 05 19 00-0118			304/18-8 Stainless Steel, Concrete Sleeve Anchors (05 05 19 00-0096)		
			Note: Includes nut and washer.		
05 05 19 00-0119	EA		1/4" Diameter x 1-3/8" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor	13.97	
			For >10 To 50, Deduct	-0.55	
			For >50 To 100, Deduct	-1.17	
			For >100, Deduct	-2.34	
05 05 19 00-0120	EA		3/8" Diameter x 1-7/8" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor	18.67	
			For >10 To 50, Deduct	-0.65	
			For >50 To 100, Deduct	-1.44	
			For >100, Deduct	-2.89	
05 05 19 00-0121	EA		3/8" Diameter x 3" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor	20.92	
			For >10 To 50, Deduct	-0.65	
			For >50 To 100, Deduct	-1.50	
			For >100, Deduct	-3.00	
05 05 19 00-0122	EA		1/2" Diameter x 2-1/4" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor	28.11	
			For >10 To 50, Deduct	-0.93	
			For >50 To 100, Deduct	-2.09	
			For >100, Deduct	-4.18	
05 05 19 00-0123	EA		1/2" Diameter x 4" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor	32.15	
			For >10 To 50, Deduct	-0.93	
			For >50 To 100, Deduct	-2.19	
			For >100, Deduct	-4.38	
05 05 19 00-0124	EA		5/8" Diameter x 4-1/4" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor	44.82	
			For >10 To 50, Deduct	-1.14	
			For >50 To 100, Deduct	-2.83	
			For >100, Deduct	-5.67	
05 05 19 00-0125			Concrete Strike Anchors (05 05 19 00-0002)		
			Note: Includes nut and washer.		
05 05 19 00-0126	EA		1/4" Diameter x 1-3/4" Length, Zinc Plated Steel, Concrete Strike Anchor	13.21	
			For >10 To 50, Deduct	-0.55	
			For >50 To 100, Deduct	-1.15	
			For >100, Deduct	-2.30	
05 05 19 00-0127	EA		1/4" Diameter x 2-3/8" Length, Zinc Plated Steel, Concrete Strike Anchor	13.68	
			For >10 To 50, Deduct	-0.55	
			For >50 To 100, Deduct	-1.16	
			For >100, Deduct	-2.33	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0128	EA		5/16" Diameter x 2-3/4" Length, Zinc Plated Steel, Concrete Strike Anchor.....	14.21	
			For >10 To 50, Deduct	-0.57	
			For >50 To 100, Deduct	-1.22	
			For >100, Deduct	-2.43	
05 05 19 00-0129	EA		5/16" Diameter x 4" Length, Zinc Plated Steel, Concrete Strike Anchor.....	16.15	
			For >10 To 50, Deduct	-0.57	
			For >50 To 100, Deduct	-1.27	
			For >100, Deduct	-2.53	
05 05 19 00-0130	EA		3/8" Diameter x 2-3/8" Length, Zinc Plated Steel, Concrete Strike Anchor.....	16.32	
			For >10 To 50, Deduct	-0.65	
			For >50 To 100, Deduct	-1.38	
			For >100, Deduct	-2.77	
05 05 19 00-0131	EA		3/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Concrete Strike Anchor.....	17.77	
			For >10 To 50, Deduct	-0.65	
			For >50 To 100, Deduct	-1.42	
			For >100, Deduct	-2.84	
05 05 19 00-0132	EA		3/8" Diameter x 5" Length, Zinc Plated Steel, Concrete Strike Anchor.....	18.89	
			For >10 To 50, Deduct	-0.65	
			For >50 To 100, Deduct	-1.45	
			For >100, Deduct	-2.90	
05 05 19 00-0133	EA		1/2" Diameter x 2-3/4" Length, Zinc Plated Steel, Concrete Strike Anchor.....	24.29	
			For >10 To 50, Deduct	-0.93	
			For >50 To 100, Deduct	-1.99	
			For >100, Deduct	-3.99	
05 05 19 00-0134	EA		1/2" Diameter x 3-1/2" Length, Zinc Plated Steel, Concrete Strike Anchor.....	25.16	
			For >10 To 50, Deduct	-0.93	
			For >50 To 100, Deduct	-2.02	
			For >100, Deduct	-4.03	
05 05 19 00-0135	EA		1/2" Diameter x 4-3/4" Length, Zinc Plated Steel, Concrete Strike Anchor.....	27.71	
			For >10 To 50, Deduct	-0.93	
			For >50 To 100, Deduct	-2.08	
			For >100, Deduct	-4.16	
05 05 19 00-0136	EA		1/2" Diameter x 6" Length, Zinc Plated Steel, Concrete Strike Anchor.....	31.02	
			For >10 To 50, Deduct	-0.93	
			For >50 To 100, Deduct	-2.16	
			For >100, Deduct	-4.33	
05 05 19 00-0137	EA		5/8" Diameter x 4" Length, Zinc Plated Steel, Concrete Strike Anchor.....	33.89	
			For >10 To 50, Deduct	-1.14	
			For >50 To 100, Deduct	-2.56	
			For >100, Deduct	-5.12	
05 05 19 00-0138	EA		5/8" Diameter x 4-3/4" Length, Zinc Plated Steel, Concrete Strike Anchor.....	36.94	
			For >10 To 50, Deduct	-1.14	
			For >50 To 100, Deduct	-2.64	
			For >100, Deduct	-5.27	
05 05 19 00-0139	EA		5/8" Diameter x 6" Length, Zinc Plated Steel, Concrete Strike Anchor.....	39.63	
			For >10 To 50, Deduct	-1.14	
			For >50 To 100, Deduct	-2.70	
			For >100, Deduct	-5.41	
05 05 19 00-0140	EA		3/4" Diameter x 5" Length, Zinc Plated Steel, Concrete Strike Anchor.....	45.55	
			For >10 To 50, Deduct	-1.36	
			For >50 To 100, Deduct	-3.18	
			For >100, Deduct	-6.36	
05 05 19 00-0141	EA		3/4" Diameter x 6" Length, Zinc Plated Steel, Concrete Strike Anchor.....	48.41	
			For >10 To 50, Deduct	-1.36	
			For >50 To 100, Deduct	-3.25	
			For >100, Deduct	-6.50	
05 05 19 00-0142			Multi-Set Drop-In Anchors (05 05 19 00-0002)		
05 05 19 00-0143			Zinc Plated Steel, Multi-Set Drop-In Anchors (05 05 19 00-0142)		
			Note: Excludes bolt, nut and washer.		
05 05 19 00-0144	EA		1/4" Bolt Diameter, Zinc Plated Steel, Multi-Set Drop-In Anchor.....	16.46	
			For >10 To 50, Deduct	-0.76	
			For >50 To 100, Deduct	-1.55	
			For >100, Deduct	-3.11	
05 05 19 00-0145	EA		3/8" Bolt Diameter, Zinc Plated Steel, Multi-Set Drop-In Anchor.....	20.17	
			For >10 To 50, Deduct	-0.93	
			For >50 To 100, Deduct	-1.90	
			For >100, Deduct	-3.80	
05 05 19 00-0146	EA		1/2" Bolt Diameter, Zinc Plated Steel, Multi-Set Drop-In Anchor.....	25.29	
			For >10 To 50, Deduct	-1.09	
			For >50 To 100, Deduct	-2.27	
			For >100, Deduct	-4.55	
05 05 19 00-0147	EA		5/8" Bolt Diameter, Zinc Plated Steel, Multi-Set Drop-In Anchor.....	29.43	
			For >10 To 50, Deduct	-1.20	
			For >50 To 100, Deduct	-2.54	
			For >100, Deduct	-5.08	
05 05 19 00-0148	EA		3/4" Bolt Diameter, Zinc Plated Steel, Multi-Set Drop-In Anchor.....	36.58	
			For >10 To 50, Deduct	-1.37	
			For >50 To 100, Deduct	-2.97	
			For >100, Deduct	-5.93	
05 05 19 00-0149			304/18-8 Stainless Steel, Multi-Set Drop-In Anchors (05 05 19 00-0142)		
			Note: Excludes bolt, nut and washer.		

05 Metals**05 05 Common Work Results for Metals****05 05 19 Post-Installed Concrete Anchors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0150	EA	1/4" Bolt Diameter, 304/18-8 Stainless Steel, Multi-Set Drop-In Anchor	.....	20.92	
		For >10 To 50, Deduct	.....	-0.76	
		For >50 To 100, Deduct	.....	-1.67	
		For >100, Deduct	.....	-3.33	
05 05 19 00-0151	EA	3/8" Bolt Diameter, 304/18-8 Stainless Steel, Multi-Set Drop-In Anchor	.....	28.76	
		For >10 To 50, Deduct	.....	-0.93	
		For >50 To 100, Deduct	.....	-2.11	
		For >100, Deduct	.....	-4.23	
05 05 19 00-0152	EA	1/2" Bolt Diameter, 304/18-8 Stainless Steel, Multi-Set Drop-In Anchor	.....	36.34	
		For >10 To 50, Deduct	.....	-1.09	
		For >50 To 100, Deduct	.....	-2.55	
		For >100, Deduct	.....	-5.10	
05 05 19 00-0153	EA	5/8" Bolt Diameter, 304/18-8 Stainless Steel, Multi-Set Drop-In Anchor	.....	47.25	
		For >10 To 50, Deduct	.....	-1.20	
		For >50 To 100, Deduct	.....	-2.99	
		For >100, Deduct	.....	-5.97	
05 05 19 00-0154	EA	3/4" Bolt Diameter, 304/18-8 Stainless Steel, Multi-Set Drop-In Anchor	.....	67.22	
		For >10 To 50, Deduct	.....	-1.37	
		For >50 To 100, Deduct	.....	-3.73	
		For >100, Deduct	.....	-7.47	
05 05 19 00-0155		Single Bolt Expansion Anchors (05 05 19 00-0002)			
		Note: Excludes bolt, nut and washer.			
05 05 19 00-0156	EA	1/4" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor	.....	12.26	
		For >10 To 50, Deduct	.....	-0.55	
		For >50 To 100, Deduct	.....	-1.13	
		For >100, Deduct	.....	-2.25	
05 05 19 00-0157	EA	5/16" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor	.....	13.30	
		For >10 To 50, Deduct	.....	-0.57	
		For >50 To 100, Deduct	.....	-1.19	
		For >100, Deduct	.....	-2.39	
05 05 19 00-0158	EA	3/8" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor	.....	15.02	
		For >10 To 50, Deduct	.....	-0.65	
		For >50 To 100, Deduct	.....	-1.35	
		For >100, Deduct	.....	-2.70	
05 05 19 00-0159	EA	1/2" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor	.....	22.39	
		For >10 To 50, Deduct	.....	-0.93	
		For >50 To 100, Deduct	.....	-1.95	
		For >100, Deduct	.....	-3.89	
05 05 19 00-0160	EA	5/8" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor	.....	33.52	
		For >10 To 50, Deduct	.....	-1.14	
		For >50 To 100, Deduct	.....	-2.55	
		For >100, Deduct	.....	-5.10	
05 05 19 00-0161	EA	3/4" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor	.....	40.77	
		For >10 To 50, Deduct	.....	-1.36	
		For >50 To 100, Deduct	.....	-3.06	
		For >100, Deduct	.....	-6.12	
05 05 19 00-0162		Concrete Lag Shield Anchors (05 05 19 00-0002)			
		Note: Excludes lag bolt and washer.			
05 05 19 00-0163	EA	1/4" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor	.....	11.97	
		For >10 To 50, Deduct	.....	-0.55	
		For >50 To 100, Deduct	.....	-1.12	
		For >100, Deduct	.....	-2.24	
05 05 19 00-0164	EA	5/16" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor	.....	14.24	
		For >10 To 50, Deduct	.....	-0.65	
		For >50 To 100, Deduct	.....	-1.33	
		For >100, Deduct	.....	-2.66	
05 05 19 00-0165	EA	3/8" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor	.....	15.07	
		For >10 To 50, Deduct	.....	-0.65	
		For >50 To 100, Deduct	.....	-1.35	
		For >100, Deduct	.....	-2.71	
05 05 19 00-0166	EA	1/2" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor	.....	21.20	
		For >10 To 50, Deduct	.....	-0.93	
		For >50 To 100, Deduct	.....	-1.92	
		For >100, Deduct	.....	-3.84	
05 05 19 00-0167	EA	5/8" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor	.....	31.69	
		For >10 To 50, Deduct	.....	-1.14	
		For >50 To 100, Deduct	.....	-2.51	
		For >100, Deduct	.....	-5.01	
05 05 19 00-0168	EA	3/4" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor	.....	34.19	
		For >10 To 50, Deduct	.....	-1.36	
		For >50 To 100, Deduct	.....	-2.89	
		For >100, Deduct	.....	-5.79	
05 05 19 00-0169		Chemical And Adhesive Anchors (05 05 19 00-0001)			
05 05 19 00-0170		Chemically Adhered Anchor Rods (05 05 19 00-0169)			
		Note: Includes drilling hole, injected adhesive or pre-placed adhesive cartridge, nut and washer. Zinc coated carbon steel.			



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0171	EA	1/4"	1-9/16" Long Chemically Adhered Anchor Rod	17.44	
			For >10 To 50, Deduct	-0.60	
			For >50 To 100, Deduct	-1.34	
			For >100, Deduct	-2.68	
05 05 19 00-0172	EA	5/16"	x 2-3/8" Long Chemically Adhered Anchor Rod	21.01	
			For >10 To 50, Deduct	-0.66	
			For >50 To 100, Deduct	-1.51	
			For >100, Deduct	-3.02	
05 05 19 00-0173	EA	3/8"	x 2-3/4" Long Chemically Adhered Anchor Rod	25.97	
			For >10 To 50, Deduct	-0.82	
			For >50 To 100, Deduct	-1.88	
			For >100, Deduct	-3.76	
05 05 19 00-0174	EA	1/2"	x 3-11/16" Long Chemically Adhered Anchor Rod	31.11	
			For >10 To 50, Deduct	-0.93	
			For >50 To 100, Deduct	-2.17	
			For >100, Deduct	-4.33	
05 05 19 00-0175	EA	1/2"	x 5-1/2" Long Chemically Adhered Anchor Rod	33.98	
			For >10 To 50, Deduct	-0.93	
			For >50 To 100, Deduct	-2.24	
			For >100, Deduct	-4.47	
05 05 19 00-0176	EA	5/8"	x 7" Long Chemically Adhered Anchor Rod.....	42.08	
			For >10 To 50, Deduct	-1.14	
			For >50 To 100, Deduct	-2.77	
			For >100, Deduct	-5.53	
05 05 19 00-0177	EA	3/4"	x 9-1/2" Long Chemically Adhered Anchor Rod	56.98	
			For >10 To 50, Deduct	-1.36	
			For >50 To 100, Deduct	-3.46	
			For >100, Deduct	-6.93	
05 05 19 00-0178	EA	7/8"	x 10" Long Chemically Adhered Anchor Rod.....	70.14	
			For >10 To 50, Deduct	-1.47	
			For >50 To 100, Deduct	-3.96	
			For >100, Deduct	-7.92	
05 05 19 00-0179	EA	1"	x 11-3/4" Long Chemically Adhered Anchor Rod	97.76	
			For >10 To 50, Deduct	-1.91	
			For >50 To 100, Deduct	-5.31	
			For >100, Deduct	-10.62	
05 05 19 00-0180	EA	1-1/4"	x 14" Long Chemically Adhered Anchor Rod	146.56	
			For >10 To 50, Deduct	-2.41	
			For >50 To 100, Deduct	-7.28	
			For >100, Deduct	-14.55	
05 05 19 00-0181			Chemical Adhesives For Bolts, Dowels Or Threaded Rod (05 05 19 00-0169)		
			Note: Injected or drop in cartridge. Sizes listed are for the diameter of the bolt, dowel or rod to be anchored. Includes drilling. Drill a hole 1/16" to 1/4" larger that the diameter of the thread and a depth a minimum of 4-1/2 times the diameter of the bolt. Excludes bolt, dowel or rod.		
05 05 19 00-0182	EA	1/4"	Chemical Adhesive For Bolt Or Threaded Rod	12.71	
			For >10 To 50, Deduct	-0.60	
			For >50 To 100, Deduct	-1.22	
			For >100, Deduct	-2.44	
05 05 19 00-0183	EA	5/16"	Chemical Adhesive For Bolt, Dowel Or Threaded Rod.....	13.98	
			For >10 To 50, Deduct	-0.66	
			For >50 To 100, Deduct	-1.34	
			For >100, Deduct	-2.67	
05 05 19 00-0184	EA	3/8"	Chemical Adhesive For Bolt, Dowel Or Threaded Rod.....	16.43	
			For >10 To 50, Deduct	-0.77	
			For >50 To 100, Deduct	-1.56	
			For >100, Deduct	-3.12	
05 05 19 00-0185	EA	1/2"	Chemical Adhesive For Bolt, Dowel Or Threaded Rod.....	20.07	
			For >10 To 50, Deduct	-0.93	
			For >50 To 100, Deduct	-1.89	
			For >100, Deduct	-3.78	
05 05 19 00-0186	EA	5/8"	Chemical Adhesive For Bolt, Dowel Or Threaded Rod.....	23.63	
			For >10 To 50, Deduct	-0.99	
			For >50 To 100, Deduct	-2.08	
			For >100, Deduct	-4.15	
05 05 19 00-0187	EA	3/4"	Chemical Adhesive For Bolt, Dowel Or Threaded Rod.....	30.98	
			For >10 To 50, Deduct	-1.22	
			For >50 To 100, Deduct	-2.60	
			For >100, Deduct	-5.19	
05 05 19 00-0188	EA	7/8"	Chemical Adhesive For Bolt, Dowel Or Threaded Rod.....	34.96	
			For >10 To 50, Deduct	-1.30	
			For >50 To 100, Deduct	-2.83	
			For >100, Deduct	-5.66	
05 05 19 00-0189	EA	1"	Chemical Adhesive For Bolt, Dowel Or Threaded Rod.....	44.78	
			For >10 To 50, Deduct	-1.57	
			For >50 To 100, Deduct	-3.48	
			For >100, Deduct	-6.95	
05 05 19 00-0190	EA	1-1/8"	Chemical Adhesive For Bolt, Dowel Or Threaded Rod	50.50	
			For >10 To 50, Deduct	-1.70	
			For >50 To 100, Deduct	-3.82	
			For >100, Deduct	-7.63	
05 05 19 00-0191	EA	1-1/4"	Chemical Adhesive For Bolt, Dowel Or Threaded Rod	59.92	
			For >10 To 50, Deduct	-1.93	
			For >50 To 100, Deduct	-4.39	
			For >100, Deduct	-8.78	

05 Metals**05 05 Common Work Results for Metals****05 05 19 Post-Installed Concrete Anchors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0192	EA		1-3/8" Chemical Adhesive For Bolt, Dowel Or Threaded Rod.....	68.77	
			For >10 To 50, Deduct	-2.10	
			For >50 To 100, Deduct	-4.87	
			For >100, Deduct	-9.74	
05 05 19 00-0193	EA		1-1/2" Chemical Adhesive For Bolt, Dowel Or Threaded Rod.....	81.40	
			For >10 To 50, Deduct	-2.29	
			For >50 To 100, Deduct	-5.47	
			For >100, Deduct	-10.93	
05 05 19 00-0194	EA		1-3/4" Chemical Adhesive For Bolt, Dowel Or Threaded Rod.....	107.23	
			For >10 To 50, Deduct	-2.69	
			For >50 To 100, Deduct	-6.71	
			For >100, Deduct	-13.42	
05 05 19 00-0195	EA		2" Chemical Adhesive For Bolt, Dowel Or Threaded Rod.....	171.86	
			For >10 To 50, Deduct	-3.25	
			For >50 To 100, Deduct	-9.16	
			For >100, Deduct	-18.33	
05 05 19 00-0196			Grout Concrete Anchor Bolt Or Threaded Rod (05 05 19 00-0196)		
05 05 19 00-0197	EA		Grout Concrete Anchor Bolt or Threaded Rod.....	4.77	
			For >10 To 50, Deduct	-0.23	
			For >50 To 100, Deduct	-0.47	
			For >100, Deduct	-0.93	
05 05 19 00-0198			Other Concrete And Masonry Anchors (05 05 19 00-0001)		
05 05 19 00-0199			Tapcon Masonry Screws (05 05 19 00-0198)		
			Note: Includes drilling. Countersunk or hex head.		
05 05 19 00-0200	EA		3/16" x 1-1/4" Tapcon Masonry Screw.....	11.47	
			For >10 To 50, Deduct	-0.55	
			For >50 To 100, Deduct	-1.11	
			For >100, Deduct	-2.21	
05 05 19 00-0201	EA		3/16" x 2-1/4" Tapcon Masonry Screw.....	11.62	
			For >10 To 50, Deduct	-0.55	
			For >50 To 100, Deduct	-1.11	
			For >100, Deduct	-2.22	
05 05 19 00-0202	EA		3/16" x 3-1/4" Tapcon Masonry Screw.....	11.92	
			For >10 To 50, Deduct	-0.55	
			For >50 To 100, Deduct	-1.12	
			For >100, Deduct	-2.24	
05 05 19 00-0203	EA		1/4" x 1-1/4" Tapcon Masonry Screw.....	11.64	
			For >10 To 50, Deduct	-0.55	
			For >50 To 100, Deduct	-1.11	
			For >100, Deduct	-2.22	
05 05 19 00-0204	EA		1/4" x 2-1/4" Tapcon Masonry Screw.....	11.81	
			For >10 To 50, Deduct	-0.55	
			For >50 To 100, Deduct	-1.12	
			For >100, Deduct	-2.23	
05 05 19 00-0205	EA		1/4" x 3-1/4" Tapcon Masonry Screw.....	12.18	
			For >10 To 50, Deduct	-0.55	
			For >50 To 100, Deduct	-1.13	
			For >100, Deduct	-2.25	
05 05 19 00-0206			Large Diameter, Self-Threading Concrete Fasteners (05 05 19 00-0198)		
			Note: Includes drilling. Zinc plated.		
05 05 19 00-0207	EA		3/8" x 1-3/4", Large Diameter, Self-Threading Concrete Fastener.....	12.28	
			For >10 To 50, Deduct	-0.55	
			For >50 To 100, Deduct	-1.13	
			For >100, Deduct	-2.26	
05 05 19 00-0208	EA		3/8" x 2-1/2", Large Diameter, Self-Threading Concrete Fastener.....	12.77	
			For >10 To 50, Deduct	-0.55	
			For >50 To 100, Deduct	-1.14	
			For >100, Deduct	-2.28	
05 05 19 00-0209	EA		3/8" x 3", Large Diameter, Self-Threading Concrete Fastener.....	12.90	
			For >10 To 50, Deduct	-0.55	
			For >50 To 100, Deduct	-1.14	
			For >100, Deduct	-2.29	
05 05 19 00-0210	EA		3/8" x 4", Large Diameter, Self-Threading Concrete Fastener.....	13.13	
			For >10 To 50, Deduct	-0.55	
			For >50 To 100, Deduct	-1.15	
			For >100, Deduct	-2.30	
05 05 19 00-0211	EA		3/8" x 5", Large Diameter, Self-Threading Concrete Fastener.....	13.33	
			For >10 To 50, Deduct	-0.55	
			For >50 To 100, Deduct	-1.15	
			For >100, Deduct	-2.31	
05 05 19 00-0212	EA		1/2" x 3", Large Diameter, Self-Threading Concrete Fastener.....	13.75	
			For >10 To 50, Deduct	-0.55	
			For >50 To 100, Deduct	-1.16	
			For >100, Deduct	-2.33	
05 05 19 00-0213	EA		1/2" x 4", Large Diameter, Self-Threading Concrete Fastener.....	14.27	
			For >10 To 50, Deduct	-0.55	
			For >50 To 100, Deduct	-1.18	
			For >100, Deduct	-2.35	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0214	EA	1/2" x 5", Large Diameter, Self-Threading Concrete Fastener.....	14.75		
		For >10 To 50, Deduct	-0.55		
		For >50 To 100, Deduct	-1.19		
		For >100, Deduct	-2.38		
05 05 19 00-0215	EA	1/2" x 6", Large Diameter, Self-Threading Concrete Fastener.....	16.09		
		For >10 To 50, Deduct	-0.55		
		For >50 To 100, Deduct	-1.22		
		For >100, Deduct	-2.45		
05 05 19 00-0216	EA	5/8" x 3", Large Diameter, Self-Threading Concrete Fastener.....	16.25		
		For >10 To 50, Deduct	-0.55		
		For >50 To 100, Deduct	-1.23		
		For >100, Deduct	-2.45		
05 05 19 00-0217	EA	5/8" x 4", Large Diameter, Self-Threading Concrete Fastener.....	17.06		
		For >10 To 50, Deduct	-0.55		
		For >50 To 100, Deduct	-1.25		
		For >100, Deduct	-2.49		
05 05 19 00-0218	EA	5/8" x 5", Large Diameter, Self-Threading Concrete Fastener.....	17.90		
		For >10 To 50, Deduct	-0.55		
		For >50 To 100, Deduct	-1.27		
		For >100, Deduct	-2.54		
05 05 19 00-0219	EA	5/8" x 6", Large Diameter, Self-Threading Concrete Fastener.....	18.44		
		For >10 To 50, Deduct	-0.55		
		For >50 To 100, Deduct	-1.28		
		For >100, Deduct	-2.56		
05 05 19 00-0220	EA	3/4" x 4-1/2", Large Diameter, Self-Threading Concrete Fastener.....	18.20		
		For >10 To 50, Deduct	-0.55		
		For >50 To 100, Deduct	-1.28		
		For >100, Deduct	-2.55		
05 05 19 00-0221	EA	3/4" x 5-1/2", Large Diameter, Self-Threading Concrete Fastener.....	18.98		
		For >10 To 50, Deduct	-0.55		
		For >50 To 100, Deduct	-1.30		
		For >100, Deduct	-2.59		
05 05 19 00-0222	EA	3/4" x 6-1/4", Large Diameter, Self-Threading Concrete Fastener.....	20.79		
		For >10 To 50, Deduct	-0.55		
		For >50 To 100, Deduct	-1.34		
		For >100, Deduct	-2.68		
05 05 19 00-0223		Pin Bolt Drives (05 05 19 00-0198)			
		Note: Includes drilling. Zinc plated.			
05 05 19 00-0224	EA	1/4" x 1" Pin Bolt Drive.....	7.38		
		For >10 To 50, Deduct	-0.33		
		For >50 To 100, Deduct	-0.68		
		For >100, Deduct	-1.35		
05 05 19 00-0225	EA	1/4" x 1-1/4" Pin Bolt Drive.....	7.38		
		For >10 To 50, Deduct	-0.33		
		For >50 To 100, Deduct	-0.68		
		For >100, Deduct	-1.35		
05 05 19 00-0226	EA	1/4" x 1-1/2" Pin Bolt Drive.....	7.49		
		For >10 To 50, Deduct	-0.33		
		For >50 To 100, Deduct	-0.68		
		For >100, Deduct	-1.36		
05 05 19 00-0227	EA	1/4" x 2" Pin Bolt Drive.....	7.52		
		For >10 To 50, Deduct	-0.33		
		For >50 To 100, Deduct	-0.68		
		For >100, Deduct	-1.36		
05 05 19 00-0228		Powder Actuated, Shot-In Place Anchors (05 05 19 00-0198)			
05 05 19 00-0229	EA	0.15" Diameter x 1/2" Length, Stud Powder Actuated Anchor	1.98		
		For >10 To 50, Deduct	-0.07		
		For >50 To 100, Deduct	-0.16		
		For >100, Deduct	-0.32		
05 05 19 00-0230	EA	0.15" Diameter x 3/4" Length, Stud Powder Actuated Anchor	2.12		
		For >10 To 50, Deduct	-0.08		
		For >50 To 100, Deduct	-0.17		
		For >100, Deduct	-0.34		
05 05 19 00-0231	EA	0.15"/0.18" Diameter x 1" Length, Stud Powder Actuated Anchor	2.32		
		For >10 To 50, Deduct	-0.08		
		For >50 To 100, Deduct	-0.18		
		For >100, Deduct	-0.36		
05 05 19 00-0232	EA	0.15"/0.18" Diameter x 1-1/4" Length, Stud Powder Actuated Anchor.....	2.62		
		For >10 To 50, Deduct	-0.09		
		For >50 To 100, Deduct	-0.20		
		For >100, Deduct	-0.39		
05 05 19 00-0233	EA	0.15"/0.18" Diameter x 1-7/8" Length, Stud Powder Actuated Anchor.....	2.84		
		For >10 To 50, Deduct	-0.09		
		For >50 To 100, Deduct	-0.20		
		For >100, Deduct	-0.40		
05 05 19 00-0234		Powder Actuated, Shot-In Place Anchors With Exposed Thread (05 05 19 00-0198)			

05 Metals**05 05 Common Work Results for Metals****05 05 19 Post-Installed Concrete Anchors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0235	EA		0.145" Diameter x 1" Long Shank, 3/4" Thread Length, 1/4" - 20 Treaded Stud Powder Actuated Anchor.....	2.54	
			For >10 To 50, Deduct	-0.08	
			For >50 To 100, Deduct	-0.18	
			For >100, Deduct	-0.36	
05 05 19 00-0236	EA		0.205" Diameter x 1-1/6" Long Shank, 1" Thread Length, 3/8" - 16 Treaded Stud Powder Actuated Anchor.....	3.63	
			For >10 To 50, Deduct	-0.09	
			For >50 To 100, Deduct	-0.23	
			For >100, Deduct	-0.46	
05 05 19 00-0237			TITEN HD Screw Anchor (05 05 19)		
05 05 19 00-0238	EA		1/2" x 6" TITEN HD Screw Anchor With Stainless Steel Washer.....	38.14	
			Note: Includes drilling 1/2" diameter holes to proper depth in the edge of the concrete, removal of dust from hole, and installing self-threading screw.		
05 05 21 Fastening Methods for Metal (05 05)					
05 05 21 00-0001			Welding (05 05 21)		
05 05 21 00-0002			Minimum Charge For Welding (05 05 21 00-0001)		
05 05 21 00-0003	EA		Welding Minimum Charge.....	480.76	
			Note: For projects where the total welding charge is less than the minimum charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.		
05 05 21 00-0004			Spot Welding (05 05 21 00-0001)		
05 05 21 00-0005	EA		Up To 15 Spot Weldings, Welds Up To 1" Length Each	12.16	
			For Aluminum Welding, Add	1.91	
			For Stainless Steel Welding, Add	3.15	
05 05 21 00-0006	EA		>15 Spot Weldings, Welds Up To 1" Length Each.....	9.49	
			For Aluminum Welding, Add	1.51	
			For Stainless Steel Welding, Add	2.48	
05 05 21 00-0007			Field Welding (Seam And Stitch Welding) (05 05 21 00-0001)		
05 05 21 00-0008			Vertical Fillet Welds (05 05 21 00-0007)		
			Note: For existing steel and moment connections. Includes tack welds for proper alignment until the final welds are made.		
05 05 21 00-0009	LF		1/8" Vertical Fillet Weld	7.80	
			For Aluminum Welding, Add	1.59	
			For Stainless Steel Welding, Add	2.48	
			For Up To 25, Add	2.56	
			For >25 To 50, Add	1.81	
05 05 21 00-0010	LF		3/16" Vertical Fillet Weld	15.09	
			For Aluminum Welding, Add	2.79	
			For Stainless Steel Welding, Add	4.43	
			For Up To 25, Add	5.06	
			For >25 To 50, Add	3.60	
05 05 21 00-0011	LF		1/4" Vertical Fillet Weld	22.64	
			For Aluminum Welding, Add	4.19	
			For Stainless Steel Welding, Add	6.65	
			For Up To 25, Add	7.59	
			For >25 To 50, Add	5.40	
05 05 21 00-0012	LF		5/16" Vertical Fillet Weld	29.87	
			For Aluminum Welding, Add	5.55	
			For Stainless Steel Welding, Add	8.80	
			For Up To 25, Add	10.01	
			For >25 To 50, Add	7.11	
05 05 21 00-0013	LF		3/8" Vertical Fillet Weld	37.71	
			For Aluminum Welding, Add	6.97	
			For Stainless Steel Welding, Add	11.07	
			For Up To 25, Add	12.65	
			For >25 To 50, Add	8.99	
05 05 21 00-0014	LF		7/16" Vertical Fillet Weld	43.81	
			For Aluminum Welding, Add	7.61	
			For Stainless Steel Welding, Add	12.25	
			For Up To 25, Add	14.90	
			For >25 To 50, Add	10.61	
05 05 21 00-0015	LF		1/2" Vertical Fillet Weld	51.58	
			For Aluminum Welding, Add	9.57	
			For Stainless Steel Welding, Add	15.19	
			For Up To 25, Add	17.29	
			For >25 To 50, Add	12.28	
05 05 21 00-0016	LF		9/16" Vertical Fillet Weld	60.25	
			For Aluminum Welding, Add	10.68	
			For Stainless Steel Welding, Add	17.12	
			For Up To 25, Add	20.40	
			For >25 To 50, Add	14.51	
05 05 21 00-0017	LF		5/8" Vertical Fillet Weld	69.86	
			For Aluminum Welding, Add	12.42	
			For Stainless Steel Welding, Add	19.90	
			For Up To 25, Add	23.64	
			For >25 To 50, Add	16.82	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 21 00-0018	LF		3/4" Vertical Fillet Weld.....	94.38	
			For Aluminum Welding, Add	17.49	
			For Stainless Steel Welding, Add	27.77	
			For Up To 25, Add	31.64	
			For >25 To 50, Add	22.48	
05 05 21 00-0019	LF		7/8" Vertical Fillet Weld.....	139.43	
			For Aluminum Welding, Add	24.63	
			For Stainless Steel Welding, Add	39.51	
			For Up To 25, Add	47.25	
			For >25 To 50, Add	33.62	
05 05 21 00-0020	LF		1" Vertical Fillet Weld.....	188.04	
			For Aluminum Welding, Add	34.45	
			For Stainless Steel Welding, Add	54.81	
			For Up To 25, Add	63.21	
			For >25 To 50, Add	44.93	
05 05 21 00-0021			Horizontal Or Flat Fillet Welds (05 05 21 00-0007)		
			Note: For existing steel and moment connections. Includes tack welds for proper alignment until the final welds are made.		
05 05 21 00-0022	LF		1/8" Horizontal Or Flat Fillet Weld.....	6.58	
			For Aluminum Welding, Add	1.41	
			For Stainless Steel Welding, Add	2.17	
			For Up To 25, Add	2.13	
			For >25 To 50, Add	1.51	
05 05 21 00-0023	LF		3/16" Horizontal Or Flat Fillet Weld.....	12.79	
			For Aluminum Welding, Add	2.46	
			For Stainless Steel Welding, Add	3.88	
			For Up To 25, Add	4.25	
			For >25 To 50, Add	3.02	
05 05 21 00-0024	LF		1/4" Horizontal Or Flat Fillet Weld.....	19.14	
			For Aluminum Welding, Add	3.69	
			For Stainless Steel Welding, Add	5.81	
			For Up To 25, Add	6.36	
			For >25 To 50, Add	4.51	
05 05 21 00-0025	LF		5/16" Horizontal Or Flat Fillet Weld.....	25.29	
			For Aluminum Welding, Add	4.92	
			For Stainless Steel Welding, Add	7.73	
			For Up To 25, Add	8.38	
			For >25 To 50, Add	5.95	
05 05 21 00-0026	LF		3/8" Horizontal Or Flat Fillet Weld.....	31.92	
			For Aluminum Welding, Add	6.16	
			For Stainless Steel Welding, Add	9.69	
			For Up To 25, Add	10.60	
			For >25 To 50, Add	7.52	
05 05 21 00-0027	LF		7/16" Horizontal Or Flat Fillet Weld.....	36.90	
			For Aluminum Welding, Add	6.63	
			For Stainless Steel Welding, Add	10.59	
			For Up To 25, Add	12.46	
			For >25 To 50, Add	8.86	
05 05 21 00-0028	LF		1/2" Horizontal Or Flat Fillet Weld.....	43.61	
			For Aluminum Welding, Add	8.46	
			For Stainless Steel Welding, Add	13.30	
			For Up To 25, Add	14.47	
			For >25 To 50, Add	10.26	
05 05 21 00-0029	LF		9/16" Horizontal Or Flat Fillet Weld.....	50.88	
			For Aluminum Welding, Add	9.38	
			For Stainless Steel Welding, Add	14.91	
			For Up To 25, Add	17.08	
			For >25 To 50, Add	12.14	
05 05 21 00-0030	LF		5/8" Horizontal Or Flat Fillet Weld.....	59.29	
			For Aluminum Welding, Add	11.16	
			For Stainless Steel Welding, Add	17.66	
			For Up To 25, Add	19.81	
			For >25 To 50, Add	14.07	
05 05 21 00-0031	LF		3/4" Horizontal Or Flat Fillet Weld.....	79.89	
			For Aluminum Welding, Add	15.49	
			For Stainless Steel Welding, Add	24.35	
			For Up To 25, Add	26.50	
			For >25 To 50, Add	18.80	
05 05 21 00-0032	LF		7/8" Horizontal Or Flat Fillet Weld.....	116.81	
			For Aluminum Welding, Add	21.00	
			For Stainless Steel Welding, Add	33.55	
			For Up To 25, Add	39.44	
			For >25 To 50, Add	28.04	
05 05 21 00-0033	LF		1" Horizontal Or Flat Fillet Weld.....	158.56	
			For Aluminum Welding, Add	30.32	
			For Stainless Steel Welding, Add	47.62	
			For Up To 25, Add	52.77	
			For >25 To 50, Add	37.46	

05 05 23 Metal Fastenings (05 05)

05 05 23 00-0001 Hex Bolts (05 05 23)

Note: For owner furnished materials or where requested by the owner. Excludes drilling through wood, steel,

05 Metals**05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

concrete, brick or block. See CSI section 02 41 19 13-0279 for drilling into concrete, 02 41 19 13-0294 for drilling into brick or block, 02 41 19 13-0309 for drilling into wood or plastic, 05 05 23 00-1567 for drilling through steel.

05 05 23 00-0002	A307B Heavy Hex Bolts (05 05 23 00-0001)		
	Note: Includes A307B heavy hex nut and two structural washers.		
05 05 23 00-0003	Plain Finish A307B Heavy Hex Bolts (05 05 23 00-0002)		
05 05 23 00-0004	EA 1/2" Diameter x 1-1/2" Long, Plain Finish A307B Heavy Hex Bolt	14.23	1.36
	For >10 To 50, Deduct	-0.57	
	For >50 To 100, Deduct	-1.21	
	For >100, Deduct	-2.41	
05 05 23 00-0005	EA 1/2" Diameter x 3" Long, Plain Finish A307B Heavy Hex Bolt	15.89	1.36
	For >10 To 50, Deduct	-0.57	
	For >50 To 100, Deduct	-1.25	
	For >100, Deduct	-2.50	
05 05 23 00-0006	EA 5/8" Diameter x 2" Long, Plain Finish A307B Heavy Hex Bolt	15.93	1.36
	For >10 To 50, Deduct	-0.57	
	For >50 To 100, Deduct	-1.25	
	For >100, Deduct	-2.50	
05 05 23 00-0007	EA 5/8" Diameter x 4" Long, Plain Finish A307B Heavy Hex Bolt	19.07	1.55
	For >10 To 50, Deduct	-0.65	
	For >50 To 100, Deduct	-1.45	
	For >100, Deduct	-2.90	
05 05 23 00-0008	EA 3/4" Diameter x 2" Long, Plain Finish A307B Heavy Hex Bolt	18.72	1.36
	For >10 To 50, Deduct	-0.57	
	For >50 To 100, Deduct	-1.32	
	For >100, Deduct	-2.64	
05 05 23 00-0009	EA 3/4" Diameter x 4" Long, Plain Finish A307B Heavy Hex Bolt	22.54	1.55
	For >10 To 50, Deduct	-0.65	
	For >50 To 100, Deduct	-1.53	
	For >100, Deduct	-3.07	
05 05 23 00-0010	EA 3/4" Diameter x 6" Long, Plain Finish A307B Heavy Hex Bolt	28.97	1.62
	For >10 To 50, Deduct	-0.68	
	For >50 To 100, Deduct	-1.74	
	For >100, Deduct	-3.48	
05 05 23 00-0011	EA 3/4" Diameter x 8" Long, Plain Finish A307B Heavy Hex Bolt	31.18	1.71
	For >10 To 50, Deduct	-0.71	
	For >50 To 100, Deduct	-1.85	
	For >100, Deduct	-3.70	
05 05 23 00-0012	EA 7/8" Diameter x 2" Long, Plain Finish A307B Heavy Hex Bolt	22.64	1.47
	For >10 To 50, Deduct	-0.62	
	For >50 To 100, Deduct	-1.49	
	For >100, Deduct	-2.98	
05 05 23 00-0013	EA 7/8" Diameter x 4" Long, Plain Finish A307B Heavy Hex Bolt	27.52	1.62
	For >10 To 50, Deduct	-0.68	
	For >50 To 100, Deduct	-1.70	
	For >100, Deduct	-3.40	
05 05 23 00-0014	EA 1" Diameter x 4" Long, Plain Finish A307B Heavy Hex Bolt	32.67	1.71
	For >10 To 50, Deduct	-0.71	
	For >50 To 100, Deduct	-1.89	
	For >100, Deduct	-3.77	
05 05 23 00-0015	EA 1" Diameter x 6" Long, Plain Finish A307B Heavy Hex Bolt	47.52	1.79
	For >10 To 50, Deduct	-0.75	
	For >50 To 100, Deduct	-2.31	
	For >100, Deduct	-4.62	
05 05 23 00-0016	EA 1-1/4" Diameter x 4" Long, Plain Finish A307B Heavy Hex Bolt	55.74	2.03
	For >10 To 50, Deduct	-0.85	
	For >50 To 100, Deduct	-2.66	
	For >100, Deduct	-5.32	
05 05 23 00-0017	EA 1-1/4" Diameter x 6" Long, Plain Finish A307B Heavy Hex Bolt	62.88	2.18
	For >10 To 50, Deduct	-0.91	
	For >50 To 100, Deduct	-2.93	
	For >100, Deduct	-5.86	
05 05 23 00-0018	Galvanized A307B Heavy Hex Bolts (05 05 23 00-0002)		
05 05 23 00-0019	EA 1/2" Diameter x 1-1/2" Long, Galvanized A307B Heavy Hex Bolt	15.04	1.36
	For >10 To 50, Deduct	-0.57	
	For >50 To 100, Deduct	-1.23	
	For >100, Deduct	-2.45	
05 05 23 00-0020	EA 1/2" Diameter x 3" Long, Galvanized A307B Heavy Hex Bolt	16.43	1.36
	For >10 To 50, Deduct	-0.57	
	For >50 To 100, Deduct	-1.26	
	For >100, Deduct	-2.52	
05 05 23 00-0021	EA 5/8" Diameter x 2" Long, Galvanized A307B Heavy Hex Bolt	17.94	1.36
	For >10 To 50, Deduct	-0.57	
	For >50 To 100, Deduct	-1.30	
	For >100, Deduct	-2.60	
05 05 23 00-0022	EA 5/8" Diameter x 4" Long, Galvanized A307B Heavy Hex Bolt	21.08	1.55
	For >10 To 50, Deduct	-0.65	
	For >50 To 100, Deduct	-1.50	
	For >100, Deduct	-3.00	
05 05 23 00-0023	EA 3/4" Diameter x 2" Long, Galvanized A307B Heavy Hex Bolt	21.01	1.36
	For >10 To 50, Deduct	-0.57	
	For >50 To 100, Deduct	-1.38	
	For >100, Deduct	-2.75	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0024	EA	3/4"	Diameter x 4" Long, Galvanized A307B Heavy Hex Bolt.....	26.76	1.55
			For >10 To 50, Deduct	-0.65	
			For >50 To 100, Deduct	-1.64	
			For >100, Deduct	-3.28	
05 05 23 00-0025	EA	3/4"	Diameter x 6" Long, Galvanized A307B Heavy Hex Bolt.....	36.25	1.62
			For >10 To 50, Deduct	-0.68	
			For >50 To 100, Deduct	-1.92	
			For >100, Deduct	-3.84	
05 05 23 00-0026	EA	3/4"	Diameter x 8" Long, Galvanized A307B Heavy Hex Bolt.....	42.96	1.71
			For >10 To 50, Deduct	-0.71	
			For >50 To 100, Deduct	-2.14	
			For >100, Deduct	-4.29	
05 05 23 00-0027	EA	7/8"	Diameter x 2" Long, Galvanized A307B Heavy Hex Bolt.....	28.62	1.47
			For >10 To 50, Deduct	-0.62	
			For >50 To 100, Deduct	-1.64	
			For >100, Deduct	-3.28	
05 05 23 00-0028	EA	7/8"	Diameter x 4" Long, Galvanized A307B Heavy Hex Bolt.....	34.26	1.62
			For >10 To 50, Deduct	-0.68	
			For >50 To 100, Deduct	-1.87	
			For >100, Deduct	-3.74	
05 05 23 00-0029	EA	1"	Diameter x 4" Long, Galvanized A307B Heavy Hex Bolt.....	41.37	1.71
			For >10 To 50, Deduct	-0.71	
			For >50 To 100, Deduct	-2.10	
			For >100, Deduct	-4.21	
05 05 23 00-0030	EA	1"	Diameter x 6" Long, Galvanized A307B Heavy Hex Bolt.....	63.29	1.79
			For >10 To 50, Deduct	-0.75	
			For >50 To 100, Deduct	-2.71	
			For >100, Deduct	-5.41	
05 05 23 00-0031	EA	1-1/4"	Diameter x 4" Long, Galvanized A307B Heavy Hex Bolt.....	62.79	2.03
			For >10 To 50, Deduct	-0.85	
			For >50 To 100, Deduct	-2.84	
			For >100, Deduct	-5.67	
05 05 23 00-0032	EA	1-1/4"	Diameter x 6" Long, Galvanized A307B Heavy Hex Bolt.....	79.22	2.18
			For >10 To 50, Deduct	-0.91	
			For >50 To 100, Deduct	-3.34	
			For >100, Deduct	-6.68	
05 05 23 00-0033			A325 High Strength Structural Bolts (05 05 23 00-0001)		
05 05 23 00-0034			Plain Finish A325 High Strength Structural Bolts (05 05 23 00-0033)		
			Note: Includes A325 heavy hex nut and structural washer.		
05 05 23 00-0035	EA	1/2"	Diameter x 1-1/2" Long, Plain Finish A325 High Strength Structural Bolt.....	13.84	1.36
			For >10 To 50, Deduct	-0.57	
			For >50 To 100, Deduct	-1.20	
			For >100, Deduct	-2.39	
05 05 23 00-0036	EA	1/2"	Diameter x 3" Long, Plain Finish A325 High Strength Structural Bolt.....	14.21	1.36
			For >10 To 50, Deduct	-0.57	
			For >50 To 100, Deduct	-1.21	
			For >100, Deduct	-2.41	
05 05 23 00-0037	EA	5/8"	Diameter x 2" Long, Plain Finish A325 High Strength Structural Bolt.....	15.39	1.36
			For >10 To 50, Deduct	-0.57	
			For >50 To 100, Deduct	-1.24	
			For >100, Deduct	-2.47	
05 05 23 00-0038	EA	5/8"	Diameter x 4" Long, Plain Finish A325 High Strength Structural Bolt.....	19.10	1.55
			For >10 To 50, Deduct	-0.65	
			For >50 To 100, Deduct	-1.45	
			For >100, Deduct	-2.90	
05 05 23 00-0039	EA	5/8"	Diameter x 6" Long, Plain Finish A325 High Strength Structural Bolt.....	22.48	1.62
			For >10 To 50, Deduct	-0.68	
			For >50 To 100, Deduct	-1.58	
			For >100, Deduct	-3.16	
05 05 23 00-0040	EA	3/4"	Diameter x 2" Long, Plain Finish A325 High Strength Structural Bolt.....	17.01	1.36
			For >10 To 50, Deduct	-0.57	
			For >50 To 100, Deduct	-1.28	
			For >100, Deduct	-2.55	
05 05 23 00-0041	EA	3/4"	Diameter x 4" Long, Plain Finish A325 High Strength Structural Bolt.....	20.84	1.55
			For >10 To 50, Deduct	-0.65	
			For >50 To 100, Deduct	-1.49	
			For >100, Deduct	-2.98	
05 05 23 00-0042	EA	3/4"	Diameter x 6" Long, Plain Finish A325 High Strength Structural Bolt.....	24.01	1.62
			For >10 To 50, Deduct	-0.68	
			For >50 To 100, Deduct	-1.62	
			For >100, Deduct	-3.23	
05 05 23 00-0043	EA	3/4"	Diameter x 8" Long, Plain Finish A325 High Strength Structural Bolt.....	30.14	1.71
			For >10 To 50, Deduct	-0.71	
			For >50 To 100, Deduct	-1.82	
			For >100, Deduct	-3.64	
05 05 23 00-0044	EA	7/8"	Diameter x 2" Long, Plain Finish A325 High Strength Structural Bolt.....	19.96	1.47
			For >10 To 50, Deduct	-0.62	
			For >50 To 100, Deduct	-1.42	
			For >100, Deduct	-2.84	
05 05 23 00-0045	EA	7/8"	Diameter x 4" Long, Plain Finish A325 High Strength Structural Bolt.....	24.67	1.62
			For >10 To 50, Deduct	-0.68	
			For >50 To 100, Deduct	-1.63	
			For >100, Deduct	-3.26	

05 Metals**05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0046	EA		7/8" Diameter x 6" Long, Plain Finish A325 High Strength Structural Bolt.....	28.45	1.71
			For >10 To 50, Deduct	-0.71	
			For >50 To 100, Deduct	-1.78	
			For >100, Deduct	-3.56	
05 05 23 00-0047	EA		7/8" Diameter x 8" Long, Plain Finish A325 High Strength Structural Bolt.....	30.94	1.79
			For >10 To 50, Deduct	-0.75	
			For >50 To 100, Deduct	-1.90	
			For >100, Deduct	-3.79	
05 05 23 00-0048	EA		1" Diameter x 2" Long, Plain Finish A325 High Strength Structural Bolt.....	22.26	1.53
			For >10 To 50, Deduct	-0.64	
			For >50 To 100, Deduct	-1.52	
			For >100, Deduct	-3.03	
05 05 23 00-0049	EA		1" Diameter x 4" Long, Plain Finish A325 High Strength Structural Bolt.....	27.07	1.71
			For >10 To 50, Deduct	-0.71	
			For >50 To 100, Deduct	-1.75	
			For >100, Deduct	-3.49	
05 05 23 00-0050	EA		1" Diameter x 6" Long, Plain Finish A325 High Strength Structural Bolt.....	31.72	1.79
			For >10 To 50, Deduct	-0.75	
			For >50 To 100, Deduct	-1.92	
			For >100, Deduct	-3.83	
05 05 23 00-0051	EA		1" Diameter x 8" Long, Plain Finish A325 High Strength Structural Bolt.....	41.43	1.91
			For >10 To 50, Deduct	-0.80	
			For >50 To 100, Deduct	-2.23	
			For >100, Deduct	-4.46	
05 05 23 00-0052	EA		1-1/4" Diameter x 3" Long, Plain Finish A325 High Strength Structural Bolt.....	39.37	1.91
			For >10 To 50, Deduct	-0.80	
			For >50 To 100, Deduct	-2.18	
			For >100, Deduct	-4.36	
05 05 23 00-0053	EA		1-1/4" Diameter x 4" Long, Plain Finish A325 High Strength Structural Bolt.....	44.90	2.03
			For >10 To 50, Deduct	-0.85	
			For >50 To 100, Deduct	-2.39	
			For >100, Deduct	-4.78	
05 05 23 00-0054	EA		1-1/4" Diameter x 6" Long, Plain Finish A325 High Strength Structural Bolt.....	53.13	2.18
			For >10 To 50, Deduct	-0.91	
			For >50 To 100, Deduct	-2.69	
			For >100, Deduct	-5.37	
05 05 23 00-0055	EA		1-1/4" Diameter x 8" Long, Plain Finish A325 High Strength Structural Bolt.....	62.86	2.32
			For >10 To 50, Deduct	-0.97	
			For >50 To 100, Deduct	-3.02	
			For >100, Deduct	-6.04	
05 05 23 00-0056			Galvanized A325 High Strength Structural Bolts (05 05 23 00-0033)		
			Note: Includes A325 heavy hex nut and structural washer.		
05 05 23 00-0057	EA		1/2" Diameter x 1-1/2" Long, Galvanized A325 High Strength Structural Bolt.....	14.58	1.36
			For >10 To 50, Deduct	-0.57	
			For >50 To 100, Deduct	-1.22	
			For >100, Deduct	-2.43	
05 05 23 00-0058	EA		1/2" Diameter x 3" Long, Galvanized A325 High Strength Structural Bolt.....	14.84	1.36
			For >10 To 50, Deduct	-0.57	
			For >50 To 100, Deduct	-1.22	
			For >100, Deduct	-2.44	
05 05 23 00-0059	EA		5/8" Diameter x 2" Long, Galvanized A325 High Strength Structural Bolt.....	16.93	1.36
			For >10 To 50, Deduct	-0.57	
			For >50 To 100, Deduct	-1.27	
			For >100, Deduct	-2.55	
05 05 23 00-0060	EA		5/8" Diameter x 4" Long, Galvanized A325 High Strength Structural Bolt.....	20.20	1.55
			For >10 To 50, Deduct	-0.65	
			For >50 To 100, Deduct	-1.48	
			For >100, Deduct	-2.95	
05 05 23 00-0061	EA		5/8" Diameter x 6" Long, Galvanized A325 High Strength Structural Bolt.....	21.42	1.62
			For >10 To 50, Deduct	-0.68	
			For >50 To 100, Deduct	-1.55	
			For >100, Deduct	-3.10	
05 05 23 00-0062	EA		3/4" Diameter x 2" Long, Galvanized A325 High Strength Structural Bolt.....	17.73	1.36
			For >10 To 50, Deduct	-0.57	
			For >50 To 100, Deduct	-1.29	
			For >100, Deduct	-2.59	
05 05 23 00-0063	EA		3/4" Diameter x 4" Long, Galvanized A325 High Strength Structural Bolt.....	21.74	1.55
			For >10 To 50, Deduct	-0.65	
			For >50 To 100, Deduct	-1.51	
			For >100, Deduct	-3.03	
05 05 23 00-0064	EA		3/4" Diameter x 6" Long, Galvanized A325 High Strength Structural Bolt.....	25.41	1.62
			For >10 To 50, Deduct	-0.68	
			For >50 To 100, Deduct	-1.65	
			For >100, Deduct	-3.30	
05 05 23 00-0065	EA		3/4" Diameter x 8" Long, Galvanized A325 High Strength Structural Bolt.....	33.45	1.71
			For >10 To 50, Deduct	-0.71	
			For >50 To 100, Deduct	-1.91	
			For >100, Deduct	-3.81	
05 05 23 00-0066	EA		7/8" Diameter x 2" Long, Galvanized A325 High Strength Structural Bolt.....	24.23	1.47
			For >10 To 50, Deduct	-0.62	
			For >50 To 100, Deduct	-1.53	
			For >100, Deduct	-3.06	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0067	EA		7/8" Diameter x 4" Long, Galvanized A325 High Strength Structural Bolt	27.19	1.62
			For >10 To 50, Deduct	-0.68	
			For >50 To 100, Deduct	-1.69	
			For >100, Deduct	-3.39	
05 05 23 00-0068	EA		7/8" Diameter x 6" Long, Galvanized A325 High Strength Structural Bolt	31.51	1.71
			For >10 To 50, Deduct	-0.71	
			For >50 To 100, Deduct	-1.86	
			For >100, Deduct	-3.71	
05 05 23 00-0069	EA		7/8" Diameter x 8" Long, Galvanized A325 High Strength Structural Bolt	40.12	1.79
			For >10 To 50, Deduct	-0.75	
			For >50 To 100, Deduct	-2.13	
			For >100, Deduct	-4.25	
05 05 23 00-0070	EA		1" Diameter x 2" Long, Galvanized A325 High Strength Structural Bolt	25.58	1.53
			For >10 To 50, Deduct	-0.64	
			For >50 To 100, Deduct	-1.60	
			For >100, Deduct	-3.20	
05 05 23 00-0071	EA		1" Diameter x 4" Long, Galvanized A325 High Strength Structural Bolt	34.68	1.71
			For >10 To 50, Deduct	-0.71	
			For >50 To 100, Deduct	-1.94	
			For >100, Deduct	-3.87	
05 05 23 00-0072	EA		1" Diameter x 6" Long, Galvanized A325 High Strength Structural Bolt	38.10	1.79
			For >10 To 50, Deduct	-0.75	
			For >50 To 100, Deduct	-2.08	
			For >100, Deduct	-4.15	
05 05 23 00-0073	EA		1" Diameter x 8" Long, Galvanized A325 High Strength Structural Bolt	49.28	1.91
			For >10 To 50, Deduct	-0.80	
			For >50 To 100, Deduct	-2.43	
			For >100, Deduct	-4.86	
05 05 23 00-0074	EA		1-1/4" Diameter x 3" Long, Galvanized A325 High Strength Structural Bolt	48.96	1.91
			For >10 To 50, Deduct	-0.80	
			For >50 To 100, Deduct	-2.42	
			For >100, Deduct	-4.84	
05 05 23 00-0075	EA		1-1/4" Diameter x 4" Long, Galvanized A325 High Strength Structural Bolt	52.22	2.03
			For >10 To 50, Deduct	-0.85	
			For >50 To 100, Deduct	-2.57	
			For >100, Deduct	-5.15	
05 05 23 00-0076	EA		1-1/4" Diameter x 6" Long, Galvanized A325 High Strength Structural Bolt	61.53	2.18
			For >10 To 50, Deduct	-0.91	
			For >50 To 100, Deduct	-2.90	
			For >100, Deduct	-5.79	
05 05 23 00-0077	EA		1-1/4" Diameter x 8" Long, Galvanized A325 High Strength Structural Bolt	71.62	2.32
			For >10 To 50, Deduct	-0.97	
			For >50 To 100, Deduct	-3.24	
			For >100, Deduct	-6.48	
05 05 23 00-0078			A490 High Strength Structural Bolts (05 05 23 00-0001)		
			Note: Includes A490 heavy hex nut and two structural washers.		
05 05 23 00-0079			Plain Finish A490 High Strength Structural Bolts (05 05 23 00-0078)		
05 05 23 00-0080	EA		5/8" Diameter x 2" Long, Plain Finish A490 High Strength Structural Bolt.....	15.97	1.36
			For >10 To 50, Deduct	-0.57	
			For >50 To 100, Deduct	-1.25	
			For >100, Deduct	-2.50	
05 05 23 00-0081	EA		5/8" Diameter x 4" Long, Plain Finish A490 High Strength Structural Bolt.....	23.09	1.55
			For >10 To 50, Deduct	-0.65	
			For >50 To 100, Deduct	-1.55	
			For >100, Deduct	-3.10	
05 05 23 00-0082	EA		5/8" Diameter x 6" Long, Plain Finish A490 High Strength Structural Bolt.....	24.77	1.62
			For >10 To 50, Deduct	-0.68	
			For >50 To 100, Deduct	-1.63	
			For >100, Deduct	-3.27	
05 05 23 00-0083	EA		3/4" Diameter x 2" Long, Plain Finish A490 High Strength Structural Bolt.....	18.22	1.36
			For >10 To 50, Deduct	-0.57	
			For >50 To 100, Deduct	-1.31	
			For >100, Deduct	-2.61	
05 05 23 00-0084	EA		3/4" Diameter x 4" Long, Plain Finish A490 High Strength Structural Bolt.....	22.22	1.55
			For >10 To 50, Deduct	-0.65	
			For >50 To 100, Deduct	-1.53	
			For >100, Deduct	-3.05	
05 05 23 00-0085	EA		3/4" Diameter x 6" Long, Plain Finish A490 High Strength Structural Bolt.....	26.23	1.62
			For >10 To 50, Deduct	-0.68	
			For >50 To 100, Deduct	-1.67	
			For >100, Deduct	-3.34	
05 05 23 00-0086	EA		3/4" Diameter x 8" Long, Plain Finish A490 High Strength Structural Bolt.....	34.45	1.71
			For >10 To 50, Deduct	-0.71	
			For >50 To 100, Deduct	-1.93	
			For >100, Deduct	-3.86	
05 05 23 00-0087	EA		7/8" Diameter x 2" Long, Plain Finish A490 High Strength Structural Bolt.....	21.35	1.47
			For >10 To 50, Deduct	-0.62	
			For >50 To 100, Deduct	-1.46	
			For >100, Deduct	-2.91	
05 05 23 00-0088	EA		7/8" Diameter x 4" Long, Plain Finish A490 High Strength Structural Bolt.....	25.11	1.62
			For >10 To 50, Deduct	-0.68	
			For >50 To 100, Deduct	-1.64	
			For >100, Deduct	-3.28	

05 Metals**05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0089	EA	7/8" Diameter x 6" Long, Plain Finish A490 High Strength Structural Bolt.....	37.44	1.71
		For >10 To 50, Deduct	-0.71	
		For >50 To 100, Deduct	-2.00	
		For >100, Deduct	-4.01	
05 05 23 00-0090	EA	1" Diameter x 2" Long, Plain Finish A490 High Strength Structural Bolt.....	25.51	1.53
		For >10 To 50, Deduct	-0.64	
		For >50 To 100, Deduct	-1.60	
		For >100, Deduct	-3.20	
05 05 23 00-0091	EA	1" Diameter x 4" Long, Plain Finish A490 High Strength Structural Bolt.....	30.71	1.71
		For >10 To 50, Deduct	-0.71	
		For >50 To 100, Deduct	-1.84	
		For >100, Deduct	-3.67	
05 05 23 00-0092	EA	1" Diameter x 6" Long, Plain Finish A490 High Strength Structural Bolt.....	35.65	1.79
		For >10 To 50, Deduct	-0.75	
		For >50 To 100, Deduct	-2.01	
		For >100, Deduct	-4.03	
05 05 23 00-0093	EA	1-1/4" Diameter x 3" Long, Plain Finish A490 High Strength Structural Bolt.....	45.17	1.91
		For >10 To 50, Deduct	-0.80	
		For >50 To 100, Deduct	-2.32	
		For >100, Deduct	-4.65	
05 05 23 00-0094	EA	1-1/4" Diameter x 4" Long, Plain Finish A490 High Strength Structural Bolt.....	58.74	2.03
		For >10 To 50, Deduct	-0.85	
		For >50 To 100, Deduct	-2.74	
		For >100, Deduct	-5.47	
05 05 23 00-0095	EA	1-1/4" Diameter x 6" Long, Plain Finish A490 High Strength Structural Bolt.....	61.75	2.18
		For >10 To 50, Deduct	-0.91	
		For >50 To 100, Deduct	-2.90	
		For >100, Deduct	-5.80	
05 05 23 00-0096	EA	1-1/4" Diameter x 8" Long, Plain Finish A490 High Strength Structural Bolt.....	64.34	2.32
		For >10 To 50, Deduct	-0.97	
		For >50 To 100, Deduct	-3.06	
		For >100, Deduct	-6.12	
05 05 23 00-0097		Hex Head Bolts (05 05 23 00-0001)		
05 05 23 00-0098		Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts (05 05 23 00-0097)		
05 05 23 00-0099		1/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts (05 05 23 00-0098)		
05 05 23 00-0100	EA	1/4" Diameter x 1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	6.97	
		For >100 To 250, Deduct	-1.37	
		For >250 To 500, Deduct	-1.71	
		For >500, Deduct	-2.05	
05 05 23 00-0101	EA	1/4" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.00	
		For >100 To 250, Deduct	-1.37	
		For >250 To 500, Deduct	-1.71	
		For >500, Deduct	-2.05	
05 05 23 00-0102	EA	1/4" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.09	
		For >100 To 250, Deduct	-1.37	
		For >250 To 500, Deduct	-1.71	
		For >500, Deduct	-2.05	
05 05 23 00-0103	EA	1/4" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.14	
		For >100 To 250, Deduct	-1.37	
		For >250 To 500, Deduct	-1.71	
		For >500, Deduct	-2.05	
05 05 23 00-0104	EA	1/4" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.39	
		For >100 To 250, Deduct	-1.41	
		For >250 To 500, Deduct	-1.76	
		For >500, Deduct	-2.11	
05 05 23 00-0105	EA	1/4" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.43	
		For >100 To 250, Deduct	-1.41	
		For >250 To 500, Deduct	-1.76	
		For >500, Deduct	-2.11	
05 05 23 00-0106	EA	1/4" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.57	
		For >100 To 250, Deduct	-1.41	
		For >250 To 500, Deduct	-1.76	
		For >500, Deduct	-2.11	
05 05 23 00-0107	EA	1/4" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.78	
		For >100 To 250, Deduct	-1.45	
		For >250 To 500, Deduct	-1.81	
		For >500, Deduct	-2.17	
05 05 23 00-0108	EA	1/4" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.83	
		For >100 To 250, Deduct	-1.45	
		For >250 To 500, Deduct	-1.81	
		For >500, Deduct	-2.17	
05 05 23 00-0109	EA	1/4" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.05	
		For >100 To 250, Deduct	-1.45	
		For >250 To 500, Deduct	-1.81	
		For >500, Deduct	-2.17	
05 05 23 00-0110	EA	1/4" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.40	
		For >100 To 250, Deduct	-1.48	
		For >250 To 500, Deduct	-1.86	
		For >500, Deduct	-2.23	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0111	EA		1/4" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.56	
			For >100 To 250, Deduct	-1.48	
			For >250 To 500, Deduct	-1.86	
			For >500, Deduct	-2.23	
05 05 23 00-0112	EA		1/4" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.79	
			For >100 To 250, Deduct	-1.48	
			For >250 To 500, Deduct	-1.86	
			For >500, Deduct	-2.23	
05 05 23 00-0113	EA		1/4" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.47	
			For >100 To 250, Deduct	-1.52	
			For >250 To 500, Deduct	-1.90	
			For >500, Deduct	-2.28	
05 05 23 00-0114	EA		1/4" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.82	
			For >100 To 250, Deduct	-1.52	
			For >250 To 500, Deduct	-1.90	
			For >500, Deduct	-2.28	
05 05 23 00-0115	EA		1/4" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.92	
			For >100 To 250, Deduct	-1.52	
			For >250 To 500, Deduct	-1.90	
			For >500, Deduct	-2.28	
05 05 23 00-0116			5/16" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts (05 05		
			23 00-0098)		
05 05 23 00-0117	EA		5/16" Diameter x 1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.05	
			For >100 To 250, Deduct	-1.37	
			For >250 To 500, Deduct	-1.71	
			For >500, Deduct	-2.05	
05 05 23 00-0118	EA		5/16" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.08	
			For >100 To 250, Deduct	-1.37	
			For >250 To 500, Deduct	-1.71	
			For >500, Deduct	-2.05	
05 05 23 00-0119	EA		5/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.16	
			For >100 To 250, Deduct	-1.37	
			For >250 To 500, Deduct	-1.71	
			For >500, Deduct	-2.05	
05 05 23 00-0120	EA		5/16" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.22	
			For >100 To 250, Deduct	-1.37	
			For >250 To 500, Deduct	-1.71	
			For >500, Deduct	-2.05	
05 05 23 00-0121	EA		5/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.49	
			For >100 To 250, Deduct	-1.41	
			For >250 To 500, Deduct	-1.76	
			For >500, Deduct	-2.11	
05 05 23 00-0122	EA		5/16" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.64	
			For >100 To 250, Deduct	-1.41	
			For >250 To 500, Deduct	-1.76	
			For >500, Deduct	-2.11	
05 05 23 00-0123	EA		5/16" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.69	
			For >100 To 250, Deduct	-1.41	
			For >250 To 500, Deduct	-1.76	
			For >500, Deduct	-2.11	
05 05 23 00-0124	EA		5/16" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.04	
			For >100 To 250, Deduct	-1.45	
			For >250 To 500, Deduct	-1.81	
			For >500, Deduct	-2.17	
05 05 23 00-0125	EA		5/16" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.25	
			For >100 To 250, Deduct	-1.45	
			For >250 To 500, Deduct	-1.81	
			For >500, Deduct	-2.17	
05 05 23 00-0126	EA		5/16" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.33	
			For >100 To 250, Deduct	-1.45	
			For >250 To 500, Deduct	-1.81	
			For >500, Deduct	-2.17	
05 05 23 00-0127	EA		5/16" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.59	
			For >100 To 250, Deduct	-1.48	
			For >250 To 500, Deduct	-1.86	
			For >500, Deduct	-2.23	
05 05 23 00-0128	EA		5/16" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.67	
			For >100 To 250, Deduct	-1.48	
			For >250 To 500, Deduct	-1.86	
			For >500, Deduct	-2.23	
05 05 23 00-0129	EA		5/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.47	
			For >100 To 250, Deduct	-1.48	
			For >250 To 500, Deduct	-1.86	
			For >500, Deduct	-2.23	
05 05 23 00-0130	EA		5/16" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.05	
			For >100 To 250, Deduct	-1.52	
			For >250 To 500, Deduct	-1.90	
			For >500, Deduct	-2.28	
05 05 23 00-0131	EA		5/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.40	
			For >100 To 250, Deduct	-1.52	
			For >250 To 500, Deduct	-1.90	
			For >500, Deduct	-2.28	

05 Metals**05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0132	EA		5/16" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.72	
			For >100 To 250, Deduct	-1.52	
			For >250 To 500, Deduct	-1.90	
			For >500, Deduct	-2.28	
05 05 23 00-0133			3/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts (05 05)		
			23 00-0098		
05 05 23 00-0134	EA		3/8" Diameter x 1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.15	
			For >100 To 250, Deduct	-1.37	
			For >250 To 500, Deduct	-1.71	
			For >500, Deduct	-2.05	
05 05 23 00-0135	EA		3/8" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.18	
			For >100 To 250, Deduct	-1.37	
			For >250 To 500, Deduct	-1.71	
			For >500, Deduct	-2.05	
05 05 23 00-0136	EA		3/8" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.29	
			For >100 To 250, Deduct	-1.37	
			For >250 To 500, Deduct	-1.71	
			For >500, Deduct	-2.05	
05 05 23 00-0137	EA		3/8" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.39	
			For >100 To 250, Deduct	-1.37	
			For >250 To 500, Deduct	-1.71	
			For >500, Deduct	-2.05	
05 05 23 00-0138	EA		3/8" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.67	
			For >100 To 250, Deduct	-1.41	
			For >250 To 500, Deduct	-1.76	
			For >500, Deduct	-2.11	
05 05 23 00-0139	EA		3/8" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.86	
			For >100 To 250, Deduct	-1.41	
			For >250 To 500, Deduct	-1.76	
			For >500, Deduct	-2.11	
05 05 23 00-0140	EA		3/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.04	
			For >100 To 250, Deduct	-1.41	
			For >250 To 500, Deduct	-1.76	
			For >500, Deduct	-2.11	
05 05 23 00-0141	EA		3/8" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.43	
			For >100 To 250, Deduct	-1.45	
			For >250 To 500, Deduct	-1.81	
			For >500, Deduct	-2.17	
05 05 23 00-0142	EA		3/8" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.67	
			For >100 To 250, Deduct	-1.45	
			For >250 To 500, Deduct	-1.81	
			For >500, Deduct	-2.17	
05 05 23 00-0143	EA		3/8" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.80	
			For >100 To 250, Deduct	-1.45	
			For >250 To 500, Deduct	-1.81	
			For >500, Deduct	-2.17	
05 05 23 00-0144	EA		3/8" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.24	
			For >100 To 250, Deduct	-1.48	
			For >250 To 500, Deduct	-1.86	
			For >500, Deduct	-2.23	
05 05 23 00-0145	EA		3/8" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.37	
			For >100 To 250, Deduct	-1.48	
			For >250 To 500, Deduct	-1.86	
			For >500, Deduct	-2.23	
05 05 23 00-0146	EA		3/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.47	
			For >100 To 250, Deduct	-1.48	
			For >250 To 500, Deduct	-1.86	
			For >500, Deduct	-2.23	
05 05 23 00-0147	EA		3/8" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.72	
			For >100 To 250, Deduct	-1.52	
			For >250 To 500, Deduct	-1.90	
			For >500, Deduct	-2.28	
05 05 23 00-0148	EA		3/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.87	
			For >100 To 250, Deduct	-1.52	
			For >250 To 500, Deduct	-1.90	
			For >500, Deduct	-2.28	
05 05 23 00-0149	EA		3/8" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.08	
			For >100 To 250, Deduct	-1.52	
			For >250 To 500, Deduct	-1.90	
			For >500, Deduct	-2.28	
05 05 23 00-0150			7/16" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts (05 05)		
			23 00-0098		
05 05 23 00-0151	EA		7/16" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.57	
			For >100 To 250, Deduct	-1.56	
			For >250 To 500, Deduct	-1.95	
			For >500, Deduct	-2.34	
05 05 23 00-0152	EA		7/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.72	
			For >100 To 250, Deduct	-1.56	
			For >250 To 500, Deduct	-1.95	
			For >500, Deduct	-2.34	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0153	EA		7/16" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.74	
			For >100 To 250, Deduct	-1.56	
			For >250 To 500, Deduct	-1.95	
			For >500, Deduct	-2.34	
05 05 23 00-0154	EA		7/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.13	
			For >100 To 250, Deduct	-1.60	
			For >250 To 500, Deduct	-2.00	
			For >500, Deduct	-2.40	
05 05 23 00-0155	EA		7/16" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.36	
			For >100 To 250, Deduct	-1.60	
			For >250 To 500, Deduct	-2.00	
			For >500, Deduct	-2.40	
05 05 23 00-0156	EA		7/16" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.54	
			For >100 To 250, Deduct	-1.60	
			For >250 To 500, Deduct	-2.00	
			For >500, Deduct	-2.40	
05 05 23 00-0157	EA		7/16" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.22	
			For >100 To 250, Deduct	-1.64	
			For >250 To 500, Deduct	-2.05	
			For >500, Deduct	-2.46	
05 05 23 00-0158	EA		7/16" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.36	
			For >100 To 250, Deduct	-1.64	
			For >250 To 500, Deduct	-2.05	
			For >500, Deduct	-2.46	
05 05 23 00-0159	EA		7/16" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.63	
			For >100 To 250, Deduct	-1.64	
			For >250 To 500, Deduct	-2.05	
			For >500, Deduct	-2.46	
05 05 23 00-0160	EA		7/16" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.29	
			For >100 To 250, Deduct	-1.68	
			For >250 To 500, Deduct	-2.10	
			For >500, Deduct	-2.52	
05 05 23 00-0161	EA		7/16" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.42	
			For >100 To 250, Deduct	-1.68	
			For >250 To 500, Deduct	-2.10	
			For >500, Deduct	-2.52	
05 05 23 00-0162	EA		7/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.76	
			For >100 To 250, Deduct	-1.68	
			For >250 To 500, Deduct	-2.10	
			For >500, Deduct	-2.52	
05 05 23 00-0163	EA		7/16" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.10	
			For >100 To 250, Deduct	-1.72	
			For >250 To 500, Deduct	-2.15	
			For >500, Deduct	-2.58	
05 05 23 00-0164	EA		7/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.41	
			For >100 To 250, Deduct	-1.72	
			For >250 To 500, Deduct	-2.15	
			For >500, Deduct	-2.58	
05 05 23 00-0165	EA		7/16" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	13.02	
			For >100 To 250, Deduct	-1.72	
			For >250 To 500, Deduct	-2.15	
			For >500, Deduct	-2.58	
05 05 23 00-0166			1/2" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts (05 05		
			23 00-0098)		
05 05 23 00-0167	EA		1/2" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.44	
			For >100 To 250, Deduct	-1.56	
			For >250 To 500, Deduct	-1.95	
			For >500, Deduct	-2.34	
05 05 23 00-0168	EA		1/2" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.62	
			For >100 To 250, Deduct	-1.56	
			For >250 To 500, Deduct	-1.95	
			For >500, Deduct	-2.34	
05 05 23 00-0169	EA		1/2" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.80	
			For >100 To 250, Deduct	-1.56	
			For >250 To 500, Deduct	-1.95	
			For >500, Deduct	-2.34	
05 05 23 00-0170	EA		1/2" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.20	
			For >100 To 250, Deduct	-1.60	
			For >250 To 500, Deduct	-2.00	
			For >500, Deduct	-2.40	
05 05 23 00-0171	EA		1/2" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.38	
			For >100 To 250, Deduct	-1.60	
			For >250 To 500, Deduct	-2.00	
			For >500, Deduct	-2.40	
05 05 23 00-0172	EA		1/2" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.57	
			For >100 To 250, Deduct	-1.60	
			For >250 To 500, Deduct	-2.00	
			For >500, Deduct	-2.40	
05 05 23 00-0173	EA		1/2" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.01	
			For >100 To 250, Deduct	-1.64	
			For >250 To 500, Deduct	-2.05	
			For >500, Deduct	-2.46	

05 Metals**05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0174	EA	1/2" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.22	
		For >100 To 250, Deduct	-1.64	
		For >250 To 500, Deduct	-2.05	
		For >500, Deduct	-2.46	
05 05 23 00-0175	EA	1/2" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.60	
		For >100 To 250, Deduct	-1.64	
		For >250 To 500, Deduct	-2.05	
		For >500, Deduct	-2.46	
05 05 23 00-0176	EA	1/2" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.86	
		For >100 To 250, Deduct	-1.68	
		For >250 To 500, Deduct	-2.10	
		For >500, Deduct	-2.52	
05 05 23 00-0177	EA	1/2" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.90	
		For >100 To 250, Deduct	-1.68	
		For >250 To 500, Deduct	-2.10	
		For >500, Deduct	-2.52	
05 05 23 00-0178	EA	1/2" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.22	
		For >100 To 250, Deduct	-1.68	
		For >250 To 500, Deduct	-2.10	
		For >500, Deduct	-2.52	
05 05 23 00-0179	EA	1/2" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.70	
		For >100 To 250, Deduct	-1.72	
		For >250 To 500, Deduct	-2.15	
		For >500, Deduct	-2.58	
05 05 23 00-0180	EA	1/2" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.90	
		For >100 To 250, Deduct	-1.72	
		For >250 To 500, Deduct	-2.15	
		For >500, Deduct	-2.58	
05 05 23 00-0181	EA	1/2" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.45	
		For >100 To 250, Deduct	-1.72	
		For >250 To 500, Deduct	-2.15	
		For >500, Deduct	-2.58	
05 05 23 00-0182	EA	1/2" Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.93	
		For >100 To 250, Deduct	-1.76	
		For >250 To 500, Deduct	-2.20	
		For >500, Deduct	-2.64	
05 05 23 00-0183	EA	1/2" Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	13.13	
		For >100 To 250, Deduct	-1.76	
		For >250 To 500, Deduct	-2.20	
		For >500, Deduct	-2.64	
05 05 23 00-0184	EA	1/2" Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	13.90	
		For >100 To 250, Deduct	-1.76	
		For >250 To 500, Deduct	-2.20	
		For >500, Deduct	-2.64	
05 05 23 00-0185	EA	1/2" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	14.12	
		For >100 To 250, Deduct	-1.76	
		For >250 To 500, Deduct	-2.20	
		For >500, Deduct	-2.64	
05 05 23 00-0186		9/16" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts (05 05		
		23 00-0018)		
05 05 23 00-0187	EA	9/16" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.63	
		For >100 To 250, Deduct	-1.56	
		For >250 To 500, Deduct	-1.95	
		For >500, Deduct	-2.34	
05 05 23 00-0188	EA	9/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.88	
		For >100 To 250, Deduct	-1.56	
		For >250 To 500, Deduct	-1.95	
		For >500, Deduct	-2.34	
05 05 23 00-0189	EA	9/16" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.94	
		For >100 To 250, Deduct	-1.56	
		For >250 To 500, Deduct	-1.95	
		For >500, Deduct	-2.34	
05 05 23 00-0190	EA	9/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.94	
		For >100 To 250, Deduct	-1.60	
		For >250 To 500, Deduct	-2.00	
		For >500, Deduct	-2.40	
05 05 23 00-0191	EA	9/16" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.26	
		For >100 To 250, Deduct	-1.60	
		For >250 To 500, Deduct	-2.00	
		For >500, Deduct	-2.40	
05 05 23 00-0192	EA	9/16" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.37	
		For >100 To 250, Deduct	-1.60	
		For >250 To 500, Deduct	-2.00	
		For >500, Deduct	-2.40	
05 05 23 00-0193	EA	9/16" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.60	
		For >100 To 250, Deduct	-1.64	
		For >250 To 500, Deduct	-2.05	
		For >500, Deduct	-2.46	
05 05 23 00-0194	EA	9/16" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.68	
		For >100 To 250, Deduct	-1.64	
		For >250 To 500, Deduct	-2.05	
		For >500, Deduct	-2.46	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0195	EA		9/16" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.95	
			For >100 To 250, Deduct	-1.64	
			For >250 To 500, Deduct	-2.05	
			For >500, Deduct	-2.46	
05 05 23 00-0196	EA		9/16" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.22	
			For >100 To 250, Deduct	-1.68	
			For >250 To 500, Deduct	-2.10	
			For >500, Deduct	-2.52	
05 05 23 00-0197	EA		9/16" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.30	
			For >100 To 250, Deduct	-1.68	
			For >250 To 500, Deduct	-2.10	
			For >500, Deduct	-2.52	
05 05 23 00-0198	EA		9/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.54	
			For >100 To 250, Deduct	-1.68	
			For >250 To 500, Deduct	-2.10	
			For >500, Deduct	-2.52	
05 05 23 00-0199	EA		9/16" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.99	
			For >100 To 250, Deduct	-1.72	
			For >250 To 500, Deduct	-2.15	
			For >500, Deduct	-2.58	
05 05 23 00-0200	EA		9/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.28	
			For >100 To 250, Deduct	-1.72	
			For >250 To 500, Deduct	-2.15	
			For >500, Deduct	-2.58	
05 05 23 00-0201	EA		9/16" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.57	
			For >100 To 250, Deduct	-1.72	
			For >250 To 500, Deduct	-2.15	
			For >500, Deduct	-2.58	
05 05 23 00-0202	EA		9/16" Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	13.03	
			For >100 To 250, Deduct	-1.76	
			For >250 To 500, Deduct	-2.20	
			For >500, Deduct	-2.64	
05 05 23 00-0203	EA		9/16" Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	13.37	
			For >100 To 250, Deduct	-1.76	
			For >250 To 500, Deduct	-2.20	
			For >500, Deduct	-2.64	
05 05 23 00-0204	EA		9/16" Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	13.60	
			For >100 To 250, Deduct	-1.76	
			For >250 To 500, Deduct	-2.20	
			For >500, Deduct	-2.64	
05 05 23 00-0205	EA		9/16" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	13.95	
			For >100 To 250, Deduct	-1.76	
			For >250 To 500, Deduct	-2.20	
			For >500, Deduct	-2.64	
05 05 23 00-0206			5/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts (05 05		
			23 00-0098)		
05 05 23 00-0207	EA		5/8" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.15	
			For >100 To 250, Deduct	-1.76	
			For >250 To 500, Deduct	-2.20	
			For >500, Deduct	-2.64	
05 05 23 00-0208	EA		5/8" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.32	
			For >100 To 250, Deduct	-1.76	
			For >250 To 500, Deduct	-2.20	
			For >500, Deduct	-2.64	
05 05 23 00-0209	EA		5/8" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.53	
			For >100 To 250, Deduct	-1.76	
			For >250 To 500, Deduct	-2.20	
			For >500, Deduct	-2.64	
05 05 23 00-0210	EA		5/8" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.01	
			For >100 To 250, Deduct	-1.80	
			For >250 To 500, Deduct	-2.25	
			For >500, Deduct	-2.69	
05 05 23 00-0211	EA		5/8" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.33	
			For >100 To 250, Deduct	-1.80	
			For >250 To 500, Deduct	-2.25	
			For >500, Deduct	-2.69	
05 05 23 00-0212	EA		5/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.73	
			For >100 To 250, Deduct	-1.80	
			For >250 To 500, Deduct	-2.25	
			For >500, Deduct	-2.69	
05 05 23 00-0213	EA		5/8" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.42	
			For >100 To 250, Deduct	-1.83	
			For >250 To 500, Deduct	-2.29	
			For >500, Deduct	-2.75	
05 05 23 00-0214	EA		5/8" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	13.03	
			For >100 To 250, Deduct	-1.83	
			For >250 To 500, Deduct	-2.29	
			For >500, Deduct	-2.75	
05 05 23 00-0215	EA		5/8" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	13.51	
			For >100 To 250, Deduct	-1.83	
			For >250 To 500, Deduct	-2.29	
			For >500, Deduct	-2.75	

05 Metals**05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0216	EA		5/8" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	13.90	
			For >100 To 250, Deduct	-1.87	
			For >250 To 500, Deduct	-2.34	
			For >500, Deduct	-2.81	
05 05 23 00-0217	EA		5/8" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	13.96	
			For >100 To 250, Deduct	-1.87	
			For >250 To 500, Deduct	-2.34	
			For >500, Deduct	-2.81	
05 05 23 00-0218	EA		5/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	14.77	
			For >100 To 250, Deduct	-1.87	
			For >250 To 500, Deduct	-2.34	
			For >500, Deduct	-2.81	
05 05 23 00-0219	EA		5/8" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	15.42	
			For >100 To 250, Deduct	-1.91	
			For >250 To 500, Deduct	-2.39	
			For >500, Deduct	-2.87	
05 05 23 00-0220	EA		5/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	16.06	
			For >100 To 250, Deduct	-1.91	
			For >250 To 500, Deduct	-2.39	
			For >500, Deduct	-2.87	
05 05 23 00-0221	EA		5/8" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	16.81	
			For >100 To 250, Deduct	-1.91	
			For >250 To 500, Deduct	-2.39	
			For >500, Deduct	-2.87	
05 05 23 00-0222	EA		5/8" Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	17.82	
			For >100 To 250, Deduct	-1.95	
			For >250 To 500, Deduct	-2.44	
			For >500, Deduct	-2.93	
05 05 23 00-0223	EA		5/8" Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	18.55	
			For >100 To 250, Deduct	-1.95	
			For >250 To 500, Deduct	-2.44	
			For >500, Deduct	-2.93	
05 05 23 00-0224	EA		5/8" Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	19.30	
			For >100 To 250, Deduct	-1.95	
			For >250 To 500, Deduct	-2.44	
			For >500, Deduct	-2.93	
05 05 23 00-0225	EA		5/8" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	19.88	
			For >100 To 250, Deduct	-1.95	
			For >250 To 500, Deduct	-2.44	
			For >500, Deduct	-2.93	
05 05 23 00-0226			3/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts		
			23 00-0098		
05 05 23 00-0227	EA		3/4" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.70	
			For >100 To 250, Deduct	-1.76	
			For >250 To 500, Deduct	-2.20	
			For >500, Deduct	-2.64	
05 05 23 00-0228	EA		3/4" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.03	
			For >100 To 250, Deduct	-1.76	
			For >250 To 500, Deduct	-2.20	
			For >500, Deduct	-2.64	
05 05 23 00-0229	EA		3/4" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.34	
			For >100 To 250, Deduct	-1.76	
			For >250 To 500, Deduct	-2.20	
			For >500, Deduct	-2.64	
05 05 23 00-0230	EA		3/4" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.91	
			For >100 To 250, Deduct	-1.80	
			For >250 To 500, Deduct	-2.25	
			For >500, Deduct	-2.69	
05 05 23 00-0231	EA		3/4" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.38	
			For >100 To 250, Deduct	-1.80	
			For >250 To 500, Deduct	-2.25	
			For >500, Deduct	-2.69	
05 05 23 00-0232	EA		3/4" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.80	
			For >100 To 250, Deduct	-1.80	
			For >250 To 500, Deduct	-2.25	
			For >500, Deduct	-2.69	
05 05 23 00-0233	EA		3/4" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	13.44	
			For >100 To 250, Deduct	-1.83	
			For >250 To 500, Deduct	-2.29	
			For >500, Deduct	-2.75	
05 05 23 00-0234	EA		3/4" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	14.02	
			For >100 To 250, Deduct	-1.83	
			For >250 To 500, Deduct	-2.29	
			For >500, Deduct	-2.75	
05 05 23 00-0235	EA		3/4" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	14.48	
			For >100 To 250, Deduct	-1.83	
			For >250 To 500, Deduct	-2.29	
			For >500, Deduct	-2.75	
05 05 23 00-0236	EA		3/4" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	15.63	
			For >100 To 250, Deduct	-1.87	
			For >250 To 500, Deduct	-2.34	
			For >500, Deduct	-2.81	



MINOR		DESCRIPTION	TOTAL DIRECT	DEMOLITION
CSI	UOM		UNIT COST	UNIT COST
05 05 23 00-0237	EA	3/4" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt..... For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	16.01 -1.87 -2.34 -2.81	
05 05 23 00-0238	EA	3/4" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt..... For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	16.73 -1.87 -2.34 -2.81	
05 05 23 00-0239	EA	3/4" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt..... For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	16.96 -1.91 -2.39 -2.87	
05 05 23 00-0240	EA	3/4" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt..... For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	18.64 -1.91 -2.39 -2.87	
05 05 23 00-0241	EA	3/4" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt..... For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	19.42 -1.91 -2.39 -2.87	
05 05 23 00-0242	EA	3/4" Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt..... For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	20.64 -1.95 -2.44 -2.93	
05 05 23 00-0243	EA	3/4" Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt..... For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	21.42 -1.95 -2.44 -2.93	
05 05 23 00-0244	EA	3/4" Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt..... For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	22.46 -1.95 -2.44 -2.93	
05 05 23 00-0245	EA	3/4" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt..... For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	23.47 -1.95 -2.44 -2.93	
05 05 23 00-0246		7/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts (05 05 23 00-0098)		
05 05 23 00-0247	EA	7/8" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt..... For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	13.42 -1.95 -2.44 -2.93	
05 05 23 00-0248	EA	7/8" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt..... For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	13.70 -1.95 -2.44 -2.93	
05 05 23 00-0249	EA	7/8" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt..... For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	13.84 -1.95 -2.44 -2.93	
05 05 23 00-0250	EA	7/8" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt..... For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	14.42 -1.99 -2.49 -2.99	
05 05 23 00-0251	EA	7/8" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt..... For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	15.18 -1.99 -2.49 -2.99	
05 05 23 00-0252	EA	7/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt..... For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	16.07 -1.99 -2.49 -2.99	
05 05 23 00-0253	EA	7/8" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt..... For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	17.00 -2.03 -2.54 -3.05	
05 05 23 00-0254	EA	7/8" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt..... For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	18.30 -2.03 -2.54 -3.05	
05 05 23 00-0255	EA	7/8" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt..... For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	19.02 -2.03 -2.54 -3.05	
05 05 23 00-0256	EA	7/8" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt..... For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	19.78 -2.07 -2.59 -3.11	
05 05 23 00-0257	EA	7/8" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt..... For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	20.21 -2.07 -2.59 -3.11	

05 Metals**05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0258	EA	7/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	21.23	
		For >100 To 250, Deduct	-2.07	
		For >250 To 500, Deduct	-2.59	
		For >500, Deduct	-3.11	
05 05 23 00-0259	EA	7/8" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	22.45	
		For >100 To 250, Deduct	-2.11	
		For >250 To 500, Deduct	-2.64	
		For >500, Deduct	-3.16	
05 05 23 00-0260	EA	7/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	23.49	
		For >100 To 250, Deduct	-2.11	
		For >250 To 500, Deduct	-2.64	
		For >500, Deduct	-3.16	
05 05 23 00-0261	EA	7/8" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	24.51	
		For >100 To 250, Deduct	-2.11	
		For >250 To 500, Deduct	-2.64	
		For >500, Deduct	-3.16	
05 05 23 00-0262	EA	7/8" Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	25.67	
		For >100 To 250, Deduct	-2.15	
		For >250 To 500, Deduct	-2.69	
		For >500, Deduct	-3.22	
05 05 23 00-0263	EA	7/8" Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	26.75	
		For >100 To 250, Deduct	-2.15	
		For >250 To 500, Deduct	-2.69	
		For >500, Deduct	-3.22	
05 05 23 00-0264	EA	7/8" Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	27.75	
		For >100 To 250, Deduct	-2.15	
		For >250 To 500, Deduct	-2.69	
		For >500, Deduct	-3.22	
05 05 23 00-0265	EA	7/8" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	28.81	
		For >100 To 250, Deduct	-2.15	
		For >250 To 500, Deduct	-2.69	
		For >500, Deduct	-3.22	
05 05 23 00-0266		1" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts (05 05 23 00-0098)		
05 05 23 00-0267	EA	1" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	14.68	
		For >100 To 250, Deduct	-1.95	
		For >250 To 500, Deduct	-2.44	
		For >500, Deduct	-2.93	
05 05 23 00-0268	EA	1" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	16.55	
		For >100 To 250, Deduct	-1.95	
		For >250 To 500, Deduct	-2.44	
		For >500, Deduct	-2.93	
05 05 23 00-0269	EA	1" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	17.93	
		For >100 To 250, Deduct	-1.99	
		For >250 To 500, Deduct	-2.49	
		For >500, Deduct	-2.99	
05 05 23 00-0270	EA	1" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	19.41	
		For >100 To 250, Deduct	-1.99	
		For >250 To 500, Deduct	-2.49	
		For >500, Deduct	-2.99	
05 05 23 00-0271	EA	1" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	20.75	
		For >100 To 250, Deduct	-1.99	
		For >250 To 500, Deduct	-2.49	
		For >500, Deduct	-2.99	
05 05 23 00-0272	EA	1" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	22.33	
		For >100 To 250, Deduct	-2.03	
		For >250 To 500, Deduct	-2.54	
		For >500, Deduct	-3.05	
05 05 23 00-0273	EA	1" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	23.63	
		For >100 To 250, Deduct	-2.03	
		For >250 To 500, Deduct	-2.54	
		For >500, Deduct	-3.05	
05 05 23 00-0274	EA	1" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	24.97	
		For >100 To 250, Deduct	-2.03	
		For >250 To 500, Deduct	-2.54	
		For >500, Deduct	-3.05	
05 05 23 00-0275	EA	1" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	25.84	
		For >100 To 250, Deduct	-2.07	
		For >250 To 500, Deduct	-2.59	
		For >500, Deduct	-3.11	
05 05 23 00-0276	EA	1" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	26.49	
		For >100 To 250, Deduct	-2.07	
		For >250 To 500, Deduct	-2.59	
		For >500, Deduct	-3.11	
05 05 23 00-0277	EA	1" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	27.62	
		For >100 To 250, Deduct	-2.07	
		For >250 To 500, Deduct	-2.59	
		For >500, Deduct	-3.11	
05 05 23 00-0278	EA	1" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	28.93	
		For >100 To 250, Deduct	-2.11	
		For >250 To 500, Deduct	-2.64	
		For >500, Deduct	-3.16	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0279	EA	1"	Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	30.05	
			For >100 To 250, Deduct	-2.11	
			For >250 To 500, Deduct	-2.64	
			For >500, Deduct	-3.16	
05 05 23 00-0280	EA	1"	Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	31.21	
			For >100 To 250, Deduct	-2.11	
			For >250 To 500, Deduct	-2.64	
			For >500, Deduct	-3.16	
05 05 23 00-0281	EA	1"	Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	32.34	
			For >100 To 250, Deduct	-2.15	
			For >250 To 500, Deduct	-2.69	
			For >500, Deduct	-3.22	
05 05 23 00-0282	EA	1"	Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	33.65	
			For >100 To 250, Deduct	-2.15	
			For >250 To 500, Deduct	-2.69	
			For >500, Deduct	-3.22	
05 05 23 00-0283	EA	1"	Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	34.81	
			For >100 To 250, Deduct	-2.15	
			For >250 To 500, Deduct	-2.69	
			For >500, Deduct	-3.22	
05 05 23 00-0284	EA	1"	Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	35.99	
			For >100 To 250, Deduct	-2.15	
			For >250 To 500, Deduct	-2.69	
			For >500, Deduct	-3.22	
05 05 23 00-0285			Zinc Plated Steel, Grade 5, Hex Head Bolts (05 05 23 00-0097)		
05 05 23 00-0286			1/4" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts (05 05 23 00-0285)		
05 05 23 00-0287	EA	1/4"	Diameter x 1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	7.03	
			For >100 To 250, Deduct	-1.37	
			For >250 To 500, Deduct	-1.71	
			For >500, Deduct	-2.05	
05 05 23 00-0288	EA	1/4"	Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	7.09	
			For >100 To 250, Deduct	-1.37	
			For >250 To 500, Deduct	-1.71	
			For >500, Deduct	-2.05	
05 05 23 00-0289	EA	1/4"	Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	7.14	
			For >100 To 250, Deduct	-1.37	
			For >250 To 500, Deduct	-1.71	
			For >500, Deduct	-2.05	
05 05 23 00-0290	EA	1/4"	Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	7.24	
			For >100 To 250, Deduct	-1.37	
			For >250 To 500, Deduct	-1.71	
			For >500, Deduct	-2.05	
05 05 23 00-0291	EA	1/4"	Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	7.53	
			For >100 To 250, Deduct	-1.41	
			For >250 To 500, Deduct	-1.76	
			For >500, Deduct	-2.11	
05 05 23 00-0292	EA	1/4"	Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	7.71	
			For >100 To 250, Deduct	-1.41	
			For >250 To 500, Deduct	-1.76	
			For >500, Deduct	-2.11	
05 05 23 00-0293	EA	1/4"	Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	7.90	
			For >100 To 250, Deduct	-1.41	
			For >250 To 500, Deduct	-1.76	
			For >500, Deduct	-2.11	
05 05 23 00-0294	EA	1/4"	Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	8.25	
			For >100 To 250, Deduct	-1.45	
			For >250 To 500, Deduct	-1.81	
			For >500, Deduct	-2.17	
05 05 23 00-0295	EA	1/4"	Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	8.49	
			For >100 To 250, Deduct	-1.45	
			For >250 To 500, Deduct	-1.81	
			For >500, Deduct	-2.17	
05 05 23 00-0296	EA	1/4"	Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	8.65	
			For >100 To 250, Deduct	-1.45	
			For >250 To 500, Deduct	-1.81	
			For >500, Deduct	-2.17	
05 05 23 00-0297	EA	1/4"	Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	9.01	
			For >100 To 250, Deduct	-1.48	
			For >250 To 500, Deduct	-1.86	
			For >500, Deduct	-2.23	
05 05 23 00-0298	EA	1/4"	Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	9.16	
			For >100 To 250, Deduct	-1.48	
			For >250 To 500, Deduct	-1.86	
			For >500, Deduct	-2.23	
05 05 23 00-0299	EA	1/4"	Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	9.31	
			For >100 To 250, Deduct	-1.48	
			For >250 To 500, Deduct	-1.86	
			For >500, Deduct	-2.23	
05 05 23 00-0300	EA	1/4"	Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	9.70	
			For >100 To 250, Deduct	-1.52	
			For >250 To 500, Deduct	-1.90	
			For >500, Deduct	-2.28	

05 Metals**05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0301	EA	1/4" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	9.92	
		For >100 To 250, Deduct	-1.52	
		For >250 To 500, Deduct	-1.90	
		For >500, Deduct	-2.28	
05 05 23 00-0302	EA	1/4" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	10.13	
		For >100 To 250, Deduct	-1.52	
		For >250 To 500, Deduct	-1.90	
		For >500, Deduct	-2.28	
05 05 23 00-0303		5/16" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts (05 05 23 00-0285)		
05 05 23 00-0304	EA	5/16" Diameter x 1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	7.15	
		For >100 To 250, Deduct	-1.37	
		For >250 To 500, Deduct	-1.71	
		For >500, Deduct	-2.05	
05 05 23 00-0305	EA	5/16" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	7.19	
		For >100 To 250, Deduct	-1.37	
		For >250 To 500, Deduct	-1.71	
		For >500, Deduct	-2.05	
05 05 23 00-0306	EA	5/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	7.26	
		For >100 To 250, Deduct	-1.37	
		For >250 To 500, Deduct	-1.71	
		For >500, Deduct	-2.05	
05 05 23 00-0307	EA	5/16" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	7.40	
		For >100 To 250, Deduct	-1.37	
		For >250 To 500, Deduct	-1.71	
		For >500, Deduct	-2.05	
05 05 23 00-0308	EA	5/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	7.69	
		For >100 To 250, Deduct	-1.41	
		For >250 To 500, Deduct	-1.76	
		For >500, Deduct	-2.11	
05 05 23 00-0309	EA	5/16" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	7.86	
		For >100 To 250, Deduct	-1.41	
		For >250 To 500, Deduct	-1.76	
		For >500, Deduct	-2.11	
05 05 23 00-0310	EA	5/16" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	8.15	
		For >100 To 250, Deduct	-1.41	
		For >250 To 500, Deduct	-1.76	
		For >500, Deduct	-2.11	
05 05 23 00-0311	EA	5/16" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	8.50	
		For >100 To 250, Deduct	-1.45	
		For >250 To 500, Deduct	-1.81	
		For >500, Deduct	-2.17	
05 05 23 00-0312	EA	5/16" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	8.74	
		For >100 To 250, Deduct	-1.45	
		For >250 To 500, Deduct	-1.81	
		For >500, Deduct	-2.17	
05 05 23 00-0313	EA	5/16" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	8.95	
		For >100 To 250, Deduct	-1.45	
		For >250 To 500, Deduct	-1.81	
		For >500, Deduct	-2.17	
05 05 23 00-0314	EA	5/16" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	9.57	
		For >100 To 250, Deduct	-1.48	
		For >250 To 500, Deduct	-1.86	
		For >500, Deduct	-2.23	
05 05 23 00-0315	EA	5/16" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	9.65	
		For >100 To 250, Deduct	-1.48	
		For >250 To 500, Deduct	-1.86	
		For >500, Deduct	-2.23	
05 05 23 00-0316	EA	5/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	9.94	
		For >100 To 250, Deduct	-1.48	
		For >250 To 500, Deduct	-1.86	
		For >500, Deduct	-2.23	
05 05 23 00-0317	EA	5/16" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	10.51	
		For >100 To 250, Deduct	-1.52	
		For >250 To 500, Deduct	-1.90	
		For >500, Deduct	-2.28	
05 05 23 00-0318	EA	5/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	10.91	
		For >100 To 250, Deduct	-1.52	
		For >250 To 500, Deduct	-1.90	
		For >500, Deduct	-2.28	
05 05 23 00-0319	EA	5/16" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	11.29	
		For >100 To 250, Deduct	-1.52	
		For >250 To 500, Deduct	-1.90	
		For >500, Deduct	-2.28	
05 05 23 00-0320		3/8" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts (05 05 23 00-0285)		
05 05 23 00-0321	EA	3/8" Diameter x 1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	7.21	
		For >100 To 250, Deduct	-1.37	
		For >250 To 500, Deduct	-1.71	
		For >500, Deduct	-2.05	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0322	EA		3/8" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	7.25	
			For >100 To 250, Deduct	-1.37	
			For >250 To 500, Deduct	-1.71	
			For >500, Deduct	-2.05	
05 05 23 00-0323	EA		3/8" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	7.38	
			For >100 To 250, Deduct	-1.37	
			For >250 To 500, Deduct	-1.71	
			For >500, Deduct	-2.05	
05 05 23 00-0324	EA		3/8" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	7.52	
			For >100 To 250, Deduct	-1.37	
			For >250 To 500, Deduct	-1.71	
			For >500, Deduct	-2.05	
05 05 23 00-0325	EA		3/8" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	7.87	
			For >100 To 250, Deduct	-1.41	
			For >250 To 500, Deduct	-1.76	
			For >500, Deduct	-2.11	
05 05 23 00-0326	EA		3/8" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	8.03	
			For >100 To 250, Deduct	-1.41	
			For >250 To 500, Deduct	-1.76	
			For >500, Deduct	-2.11	
05 05 23 00-0327	EA		3/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	8.29	
			For >100 To 250, Deduct	-1.41	
			For >250 To 500, Deduct	-1.76	
			For >500, Deduct	-2.11	
05 05 23 00-0328	EA		3/8" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	8.77	
			For >100 To 250, Deduct	-1.45	
			For >250 To 500, Deduct	-1.81	
			For >500, Deduct	-2.17	
05 05 23 00-0329	EA		3/8" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	9.38	
			For >100 To 250, Deduct	-1.45	
			For >250 To 500, Deduct	-1.81	
			For >500, Deduct	-2.17	
05 05 23 00-0330	EA		3/8" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	9.66	
			For >100 To 250, Deduct	-1.45	
			For >250 To 500, Deduct	-1.81	
			For >500, Deduct	-2.17	
05 05 23 00-0331	EA		3/8" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	10.21	
			For >100 To 250, Deduct	-1.48	
			For >250 To 500, Deduct	-1.86	
			For >500, Deduct	-2.23	
05 05 23 00-0332	EA		3/8" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	10.47	
			For >100 To 250, Deduct	-1.48	
			For >250 To 500, Deduct	-1.86	
			For >500, Deduct	-2.23	
05 05 23 00-0333	EA		3/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	10.93	
			For >100 To 250, Deduct	-1.48	
			For >250 To 500, Deduct	-1.86	
			For >500, Deduct	-2.23	
05 05 23 00-0334	EA		3/8" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	11.46	
			For >100 To 250, Deduct	-1.52	
			For >250 To 500, Deduct	-1.90	
			For >500, Deduct	-2.28	
05 05 23 00-0335	EA		3/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	12.07	
			For >100 To 250, Deduct	-1.52	
			For >250 To 500, Deduct	-1.90	
			For >500, Deduct	-2.28	
05 05 23 00-0336	EA		3/8" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	12.56	
			For >100 To 250, Deduct	-1.52	
			For >250 To 500, Deduct	-1.90	
			For >500, Deduct	-2.28	
05 05 23 00-0337			7/16" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts.....		
			(05 05 23 00-0285)		
05 05 23 00-0338	EA		7/16" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	8.46	
			For >100 To 250, Deduct	-1.56	
			For >250 To 500, Deduct	-1.95	
			For >500, Deduct	-2.34	
05 05 23 00-0339	EA		7/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	8.58	
			For >100 To 250, Deduct	-1.56	
			For >250 To 500, Deduct	-1.95	
			For >500, Deduct	-2.34	
05 05 23 00-0340	EA		7/16" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	8.90	
			For >100 To 250, Deduct	-1.56	
			For >250 To 500, Deduct	-1.95	
			For >500, Deduct	-2.34	
05 05 23 00-0341	EA		7/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	9.33	
			For >100 To 250, Deduct	-1.60	
			For >250 To 500, Deduct	-2.00	
			For >500, Deduct	-2.40	
05 05 23 00-0342	EA		7/16" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	9.56	
			For >100 To 250, Deduct	-1.60	
			For >250 To 500, Deduct	-2.00	
			For >500, Deduct	-2.40	

05 Metals**05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0343	EA		7/16" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	9.77	
			For >100 To 250, Deduct	-1.60	
			For >250 To 500, Deduct	-2.00	
			For >500, Deduct	-2.40	
05 05 23 00-0344	EA		7/16" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	10.24	
			For >100 To 250, Deduct	-1.64	
			For >250 To 500, Deduct	-2.05	
			For >500, Deduct	-2.46	
05 05 23 00-0345	EA		7/16" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	11.44	
			For >100 To 250, Deduct	-1.64	
			For >250 To 500, Deduct	-2.05	
			For >500, Deduct	-2.46	
05 05 23 00-0346	EA		7/16" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	11.98	
			For >100 To 250, Deduct	-1.64	
			For >250 To 500, Deduct	-2.05	
			For >500, Deduct	-2.46	
05 05 23 00-0347	EA		7/16" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	12.35	
			For >100 To 250, Deduct	-1.68	
			For >250 To 500, Deduct	-2.10	
			For >500, Deduct	-2.52	
05 05 23 00-0348	EA		7/16" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	12.60	
			For >100 To 250, Deduct	-1.68	
			For >250 To 500, Deduct	-2.10	
			For >500, Deduct	-2.52	
05 05 23 00-0349	EA		7/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	12.86	
			For >100 To 250, Deduct	-1.68	
			For >250 To 500, Deduct	-2.10	
			For >500, Deduct	-2.52	
05 05 23 00-0350	EA		7/16" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	13.40	
			For >100 To 250, Deduct	-1.72	
			For >250 To 500, Deduct	-2.15	
			For >500, Deduct	-2.58	
05 05 23 00-0351	EA		7/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	13.75	
			For >100 To 250, Deduct	-1.72	
			For >250 To 500, Deduct	-2.15	
			For >500, Deduct	-2.58	
05 05 23 00-0352	EA		7/16" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	14.10	
			For >100 To 250, Deduct	-1.72	
			For >250 To 500, Deduct	-2.15	
			For >500, Deduct	-2.58	
05 05 23 00-0353			1/2" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts (05 05 23 00-0285).....	8.62	
05 05 23 00-0354	EA		1/2" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....		
			For >100 To 250, Deduct	-1.56	
			For >250 To 500, Deduct	-1.95	
			For >500, Deduct	-2.34	
05 05 23 00-0355	EA		1/2" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	8.79	
			For >100 To 250, Deduct	-1.56	
			For >250 To 500, Deduct	-1.95	
			For >500, Deduct	-2.34	
05 05 23 00-0356	EA		1/2" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	8.97	
			For >100 To 250, Deduct	-1.56	
			For >250 To 500, Deduct	-1.95	
			For >500, Deduct	-2.34	
05 05 23 00-0357	EA		1/2" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	9.45	
			For >100 To 250, Deduct	-1.60	
			For >250 To 500, Deduct	-2.00	
			For >500, Deduct	-2.40	
05 05 23 00-0358	EA		1/2" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	9.72	
			For >100 To 250, Deduct	-1.60	
			For >250 To 500, Deduct	-2.00	
			For >500, Deduct	-2.40	
05 05 23 00-0359	EA		1/2" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	10.02	
			For >100 To 250, Deduct	-1.60	
			For >250 To 500, Deduct	-2.00	
			For >500, Deduct	-2.40	
05 05 23 00-0360	EA		1/2" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	10.46	
			For >100 To 250, Deduct	-1.64	
			For >250 To 500, Deduct	-2.05	
			For >500, Deduct	-2.46	
05 05 23 00-0361	EA		1/2" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	11.41	
			For >100 To 250, Deduct	-1.64	
			For >250 To 500, Deduct	-2.05	
			For >500, Deduct	-2.46	
05 05 23 00-0362	EA		1/2" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	11.47	
			For >100 To 250, Deduct	-1.64	
			For >250 To 500, Deduct	-2.05	
			For >500, Deduct	-2.46	
05 05 23 00-0363	EA		1/2" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	12.32	
			For >100 To 250, Deduct	-1.68	
			For >250 To 500, Deduct	-2.10	
			For >500, Deduct	-2.52	



MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM DESCRIPTION	UNIT	COST	UNIT COST
05 05 23 00-0364	EA 1/2" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt..... For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct		12.69 -1.68 -2.10 -2.52	
05 05 23 00-0365	EA 1/2" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt..... For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct		13.64 -1.68 -2.10 -2.52	
05 05 23 00-0366	EA 1/2" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt..... For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct		14.68 -1.72 -2.15 -2.58	
05 05 23 00-0367	EA 1/2" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt..... For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct		15.22 -1.72 -2.15 -2.58	
05 05 23 00-0368	EA 1/2" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt..... For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct		15.41 -1.72 -2.15 -2.58	
05 05 23 00-0369	EA 1/2" Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt..... For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct		16.59 -1.76 -2.20 -2.64	
05 05 23 00-0370	EA 1/2" Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt..... For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct		17.52 -1.76 -2.20 -2.64	
05 05 23 00-0371	EA 1/2" Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt..... For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct		18.83 -1.76 -2.20 -2.64	
05 05 23 00-0372	EA 1/2" Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt..... For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct		19.34 -1.76 -2.20 -2.64	
05 05 23 00-0373	9/16" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts (05 05 23 00-0285)			
05 05 23 00-0374	EA 9/16" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt..... For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct		9.14 -1.56 -1.95 -2.34	
05 05 23 00-0375	EA 9/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt..... For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct		9.44 -1.56 -1.95 -2.34	
05 05 23 00-0376	EA 9/16" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt..... For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct		9.72 -1.56 -1.95 -2.34	
05 05 23 00-0377	EA 9/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt..... For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct		10.21 -1.60 -2.00 -2.40	
05 05 23 00-0378	EA 9/16" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt..... For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct		10.60 -1.60 -2.00 -2.40	
05 05 23 00-0379	EA 9/16" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt..... For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct		11.02 -1.60 -2.00 -2.40	
05 05 23 00-0380	EA 9/16" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt..... For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct		11.70 -1.64 -2.05 -2.46	
05 05 23 00-0381	EA 9/16" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt..... For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct		13.35 -1.64 -2.05 -2.46	
05 05 23 00-0382	EA 9/16" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt..... For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct		13.78 -1.64 -2.05 -2.46	
05 05 23 00-0383	EA 9/16" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt..... For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct		14.46 -1.68 -2.10 -2.52	
05 05 23 00-0384	EA 9/16" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt..... For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct		14.92 -1.68 -2.10 -2.52	

05 Metals**05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0385	EA	9/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	16.44	
		For >100 To 250, Deduct	-1.68	
		For >250 To 500, Deduct	-2.10	
		For >500, Deduct	-2.52	
05 05 23 00-0386	EA	9/16" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	18.51	
		For >100 To 250, Deduct	-1.72	
		For >250 To 500, Deduct	-2.15	
		For >500, Deduct	-2.58	
05 05 23 00-0387	EA	9/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	19.14	
		For >100 To 250, Deduct	-1.72	
		For >250 To 500, Deduct	-2.15	
		For >500, Deduct	-2.58	
05 05 23 00-0388	EA	9/16" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	20.19	
		For >100 To 250, Deduct	-1.72	
		For >250 To 500, Deduct	-2.15	
		For >500, Deduct	-2.58	
05 05 23 00-0389	EA	9/16" Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	21.38	
		For >100 To 250, Deduct	-1.76	
		For >250 To 500, Deduct	-2.20	
		For >500, Deduct	-2.64	
05 05 23 00-0390	EA	9/16" Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	21.77	
		For >100 To 250, Deduct	-1.76	
		For >250 To 500, Deduct	-2.20	
		For >500, Deduct	-2.64	
05 05 23 00-0391	EA	9/16" Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	22.15	
		For >100 To 250, Deduct	-1.76	
		For >250 To 500, Deduct	-2.20	
		For >500, Deduct	-2.64	
05 05 23 00-0392	EA	9/16" Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	23.09	
		For >100 To 250, Deduct	-1.76	
		For >250 To 500, Deduct	-2.20	
		For >500, Deduct	-2.64	
05 05 23 00-0393		5/8" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts (05 05 23 00-0285)		
05 05 23 00-0394	EA	5/8" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.44	
		For >100 To 250, Deduct	-1.76	
		For >250 To 500, Deduct	-2.20	
		For >500, Deduct	-2.64	
05 05 23 00-0395	EA	5/8" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.55	
		For >100 To 250, Deduct	-1.76	
		For >250 To 500, Deduct	-2.20	
		For >500, Deduct	-2.64	
05 05 23 00-0396	EA	5/8" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.64	
		For >100 To 250, Deduct	-1.76	
		For >250 To 500, Deduct	-2.20	
		For >500, Deduct	-2.64	
05 05 23 00-0397	EA	5/8" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.12	
		For >100 To 250, Deduct	-1.80	
		For >250 To 500, Deduct	-2.25	
		For >500, Deduct	-2.69	
05 05 23 00-0398	EA	5/8" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.62	
		For >100 To 250, Deduct	-1.80	
		For >250 To 500, Deduct	-2.25	
		For >500, Deduct	-2.69	
05 05 23 00-0399	EA	5/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.08	
		For >100 To 250, Deduct	-1.80	
		For >250 To 500, Deduct	-2.25	
		For >500, Deduct	-2.69	
05 05 23 00-0400	EA	5/8" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.74	
		For >100 To 250, Deduct	-1.83	
		For >250 To 500, Deduct	-2.29	
		For >500, Deduct	-2.75	
05 05 23 00-0401	EA	5/8" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	13.63	
		For >100 To 250, Deduct	-1.83	
		For >250 To 500, Deduct	-2.29	
		For >500, Deduct	-2.75	
05 05 23 00-0402	EA	5/8" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	14.10	
		For >100 To 250, Deduct	-1.83	
		For >250 To 500, Deduct	-2.29	
		For >500, Deduct	-2.75	
05 05 23 00-0403	EA	5/8" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	14.55	
		For >100 To 250, Deduct	-1.87	
		For >250 To 500, Deduct	-2.34	
		For >500, Deduct	-2.81	
05 05 23 00-0404	EA	5/8" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	15.31	
		For >100 To 250, Deduct	-1.87	
		For >250 To 500, Deduct	-2.34	
		For >500, Deduct	-2.81	
05 05 23 00-0405	EA	5/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	16.51	
		For >100 To 250, Deduct	-1.87	
		For >250 To 500, Deduct	-2.34	
		For >500, Deduct	-2.81	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0406	EA	5/8" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	.....	17.80	
		For >100 To 250, Deduct	.....	-1.91	
		For >250 To 500, Deduct	.....	-2.39	
		For >500, Deduct	.....	-2.87	
05 05 23 00-0407	EA	5/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	.....	18.80	
		For >100 To 250, Deduct	.....	-1.91	
		For >250 To 500, Deduct	.....	-2.39	
		For >500, Deduct	.....	-2.87	
05 05 23 00-0408	EA	5/8" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	.....	18.95	
		For >100 To 250, Deduct	.....	-1.91	
		For >250 To 500, Deduct	.....	-2.39	
		For >500, Deduct	.....	-2.87	
05 05 23 00-0409	EA	5/8" Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	.....	20.95	
		For >100 To 250, Deduct	.....	-1.95	
		For >250 To 500, Deduct	.....	-2.44	
		For >500, Deduct	.....	-2.93	
05 05 23 00-0410	EA	5/8" Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	.....	22.29	
		For >100 To 250, Deduct	.....	-1.95	
		For >250 To 500, Deduct	.....	-2.44	
		For >500, Deduct	.....	-2.93	
05 05 23 00-0411	EA	5/8" Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	.....	24.26	
		For >100 To 250, Deduct	.....	-1.95	
		For >250 To 500, Deduct	.....	-2.44	
		For >500, Deduct	.....	-2.93	
05 05 23 00-0412	EA	5/8" Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	.....	24.95	
		For >100 To 250, Deduct	.....	-1.95	
		For >250 To 500, Deduct	.....	-2.44	
		For >500, Deduct	.....	-2.93	
05 05 23 00-0413		3/4" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts (05 05 23 00-0285)			
05 05 23 00-0414	EA	3/4" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	.....	11.57	
		For >100 To 250, Deduct	.....	-1.76	
		For >250 To 500, Deduct	.....	-2.20	
		For >500, Deduct	.....	-2.64	
05 05 23 00-0415	EA	3/4" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	.....	11.77	
		For >100 To 250, Deduct	.....	-1.76	
		For >250 To 500, Deduct	.....	-2.20	
		For >500, Deduct	.....	-2.64	
05 05 23 00-0416	EA	3/4" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	.....	11.87	
		For >100 To 250, Deduct	.....	-1.76	
		For >250 To 500, Deduct	.....	-2.20	
		For >500, Deduct	.....	-2.64	
05 05 23 00-0417	EA	3/4" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	.....	12.49	
		For >100 To 250, Deduct	.....	-1.80	
		For >250 To 500, Deduct	.....	-2.25	
		For >500, Deduct	.....	-2.69	
05 05 23 00-0418	EA	3/4" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	.....	12.99	
		For >100 To 250, Deduct	.....	-1.80	
		For >250 To 500, Deduct	.....	-2.25	
		For >500, Deduct	.....	-2.69	
05 05 23 00-0419	EA	3/4" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	.....	13.76	
		For >100 To 250, Deduct	.....	-1.80	
		For >250 To 500, Deduct	.....	-2.25	
		For >500, Deduct	.....	-2.69	
05 05 23 00-0420	EA	3/4" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	.....	14.47	
		For >100 To 250, Deduct	.....	-1.83	
		For >250 To 500, Deduct	.....	-2.29	
		For >500, Deduct	.....	-2.75	
05 05 23 00-0421	EA	3/4" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	.....	14.96	
		For >100 To 250, Deduct	.....	-1.83	
		For >250 To 500, Deduct	.....	-2.29	
		For >500, Deduct	.....	-2.75	
05 05 23 00-0422	EA	3/4" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	.....	15.99	
		For >100 To 250, Deduct	.....	-1.83	
		For >250 To 500, Deduct	.....	-2.29	
		For >500, Deduct	.....	-2.75	
05 05 23 00-0423	EA	3/4" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	.....	16.67	
		For >100 To 250, Deduct	.....	-1.87	
		For >250 To 500, Deduct	.....	-2.34	
		For >500, Deduct	.....	-2.81	
05 05 23 00-0424	EA	3/4" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	.....	17.52	
		For >100 To 250, Deduct	.....	-1.87	
		For >250 To 500, Deduct	.....	-2.34	
		For >500, Deduct	.....	-2.81	
05 05 23 00-0425	EA	3/4" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	.....	18.56	
		For >100 To 250, Deduct	.....	-1.87	
		For >250 To 500, Deduct	.....	-2.34	
		For >500, Deduct	.....	-2.81	
05 05 23 00-0426	EA	3/4" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	.....	20.23	
		For >100 To 250, Deduct	.....	-1.91	
		For >250 To 500, Deduct	.....	-2.39	
		For >500, Deduct	.....	-2.87	

05 Metals**05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0427	EA	3/4" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	21.31	
		For >100 To 250, Deduct	-1.91	
		For >250 To 500, Deduct	-2.39	
		For >500, Deduct	-2.87	
05 05 23 00-0428	EA	3/4" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	21.93	
		For >100 To 250, Deduct	-1.91	
		For >250 To 500, Deduct	-2.39	
		For >500, Deduct	-2.87	
05 05 23 00-0429	EA	3/4" Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	23.74	
		For >100 To 250, Deduct	-1.95	
		For >250 To 500, Deduct	-2.44	
		For >500, Deduct	-2.93	
05 05 23 00-0430	EA	3/4" Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	24.29	
		For >100 To 250, Deduct	-1.95	
		For >250 To 500, Deduct	-2.44	
		For >500, Deduct	-2.93	
05 05 23 00-0431	EA	3/4" Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	26.08	
		For >100 To 250, Deduct	-1.95	
		For >250 To 500, Deduct	-2.44	
		For >500, Deduct	-2.93	
05 05 23 00-0432	EA	3/4" Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	26.52	
		For >100 To 250, Deduct	-1.95	
		For >250 To 500, Deduct	-2.44	
		For >500, Deduct	-2.93	
05 05 23 00-0433		7/8" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts (05 05 23 00-0285)		
05 05 23 00-0434	EA	7/8" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	13.96	
		For >100 To 250, Deduct	-1.95	
		For >250 To 500, Deduct	-2.44	
		For >500, Deduct	-2.93	
05 05 23 00-0435	EA	7/8" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	14.20	
		For >100 To 250, Deduct	-1.95	
		For >250 To 500, Deduct	-2.44	
		For >500, Deduct	-2.93	
05 05 23 00-0436	EA	7/8" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	14.54	
		For >100 To 250, Deduct	-1.95	
		For >250 To 500, Deduct	-2.44	
		For >500, Deduct	-2.93	
05 05 23 00-0437	EA	7/8" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	15.07	
		For >100 To 250, Deduct	-1.99	
		For >250 To 500, Deduct	-2.49	
		For >500, Deduct	-2.99	
05 05 23 00-0438	EA	7/8" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	16.08	
		For >100 To 250, Deduct	-1.99	
		For >250 To 500, Deduct	-2.49	
		For >500, Deduct	-2.99	
05 05 23 00-0439	EA	7/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	16.75	
		For >100 To 250, Deduct	-1.99	
		For >250 To 500, Deduct	-2.49	
		For >500, Deduct	-2.99	
05 05 23 00-0440	EA	7/8" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	17.45	
		For >100 To 250, Deduct	-2.03	
		For >250 To 500, Deduct	-2.54	
		For >500, Deduct	-3.05	
05 05 23 00-0441	EA	7/8" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	18.64	
		For >100 To 250, Deduct	-2.03	
		For >250 To 500, Deduct	-2.54	
		For >500, Deduct	-3.05	
05 05 23 00-0442	EA	7/8" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	19.54	
		For >100 To 250, Deduct	-2.03	
		For >250 To 500, Deduct	-2.54	
		For >500, Deduct	-3.05	
05 05 23 00-0443	EA	7/8" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	20.17	
		For >100 To 250, Deduct	-2.07	
		For >250 To 500, Deduct	-2.59	
		For >500, Deduct	-3.11	
05 05 23 00-0444	EA	7/8" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	20.91	
		For >100 To 250, Deduct	-2.07	
		For >250 To 500, Deduct	-2.59	
		For >500, Deduct	-3.11	
05 05 23 00-0445	EA	7/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	24.12	
		For >100 To 250, Deduct	-2.07	
		For >250 To 500, Deduct	-2.59	
		For >500, Deduct	-3.11	
05 05 23 00-0446	EA	7/8" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	25.45	
		For >100 To 250, Deduct	-2.11	
		For >250 To 500, Deduct	-2.64	
		For >500, Deduct	-3.16	
05 05 23 00-0447	EA	7/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	26.86	
		For >100 To 250, Deduct	-2.11	
		For >250 To 500, Deduct	-2.64	
		For >500, Deduct	-3.16	



MINOR		DESCRIPTION	TOTAL DIRECT	DEMOLITION
CSI	UOM		UNIT COST	UNIT COST
05 05 23 00-0448	EA	7/8" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	26.95	
		For >100 To 250, Deduct	-2.11	
		For >250 To 500, Deduct	-2.64	
		For >500, Deduct	-3.16	
05 05 23 00-0449	EA	7/8" Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	29.18	
		For >100 To 250, Deduct	-2.15	
		For >250 To 500, Deduct	-2.69	
		For >500, Deduct	-3.22	
05 05 23 00-0450	EA	7/8" Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	30.55	
		For >100 To 250, Deduct	-2.15	
		For >250 To 500, Deduct	-2.69	
		For >500, Deduct	-3.22	
05 05 23 00-0451	EA	7/8" Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	31.73	
		For >100 To 250, Deduct	-2.15	
		For >250 To 500, Deduct	-2.69	
		For >500, Deduct	-3.22	
05 05 23 00-0452	EA	7/8" Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	32.91	
		For >100 To 250, Deduct	-2.15	
		For >250 To 500, Deduct	-2.69	
		For >500, Deduct	-3.22	
05 05 23 00-0453 1" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts (05 05 23 00-0285)				
05 05 23 00-0454	EA	1" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	16.20	
		For >100 To 250, Deduct	-1.95	
		For >250 To 500, Deduct	-2.44	
		For >500, Deduct	-2.93	
05 05 23 00-0455	EA	1" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	16.28	
		For >100 To 250, Deduct	-1.95	
		For >250 To 500, Deduct	-2.44	
		For >500, Deduct	-2.93	
05 05 23 00-0456	EA	1" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	17.23	
		For >100 To 250, Deduct	-1.99	
		For >250 To 500, Deduct	-2.49	
		For >500, Deduct	-2.99	
05 05 23 00-0457	EA	1" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	18.20	
		For >100 To 250, Deduct	-1.99	
		For >250 To 500, Deduct	-2.49	
		For >500, Deduct	-2.99	
05 05 23 00-0458	EA	1" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	18.92	
		For >100 To 250, Deduct	-1.99	
		For >250 To 500, Deduct	-2.49	
		For >500, Deduct	-2.99	
05 05 23 00-0459	EA	1" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	20.03	
		For >100 To 250, Deduct	-2.03	
		For >250 To 500, Deduct	-2.54	
		For >500, Deduct	-3.05	
05 05 23 00-0460	EA	1" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	21.17	
		For >100 To 250, Deduct	-2.03	
		For >250 To 500, Deduct	-2.54	
		For >500, Deduct	-3.05	
05 05 23 00-0461	EA	1" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	22.84	
		For >100 To 250, Deduct	-2.03	
		For >250 To 500, Deduct	-2.54	
		For >500, Deduct	-3.05	
05 05 23 00-0462	EA	1" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	24.23	
		For >100 To 250, Deduct	-2.07	
		For >250 To 500, Deduct	-2.59	
		For >500, Deduct	-3.11	
05 05 23 00-0463	EA	1" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	24.58	
		For >100 To 250, Deduct	-2.07	
		For >250 To 500, Deduct	-2.59	
		For >500, Deduct	-3.11	
05 05 23 00-0464	EA	1" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	26.90	
		For >100 To 250, Deduct	-2.07	
		For >250 To 500, Deduct	-2.59	
		For >500, Deduct	-3.11	
05 05 23 00-0465	EA	1" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	28.58	
		For >100 To 250, Deduct	-2.11	
		For >250 To 500, Deduct	-2.64	
		For >500, Deduct	-3.16	
05 05 23 00-0466	EA	1" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	31.06	
		For >100 To 250, Deduct	-2.11	
		For >250 To 500, Deduct	-2.64	
		For >500, Deduct	-3.16	
05 05 23 00-0467	EA	1" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	31.76	
		For >100 To 250, Deduct	-2.11	
		For >250 To 500, Deduct	-2.64	
		For >500, Deduct	-3.16	
05 05 23 00-0468	EA	1" Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	39.88	
		For >100 To 250, Deduct	-2.15	
		For >250 To 500, Deduct	-2.69	
		For >500, Deduct	-3.22	

05 Metals**05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0469	EA		1" Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	40.51	
			For >100 To 250, Deduct	-2.15	
			For >250 To 500, Deduct	-2.69	
			For >500, Deduct	-3.22	
05 05 23 00-0470	EA		1" Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	42.20	
			For >100 To 250, Deduct	-2.15	
			For >250 To 500, Deduct	-2.69	
			For >500, Deduct	-3.22	
05 05 23 00-0471	EA		1" Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	43.36	
			For >100 To 250, Deduct	-2.15	
			For >250 To 500, Deduct	-2.69	
			For >500, Deduct	-3.22	
05 05 23 00-0472			Zinc Plated Steel, Grade 8, Hex Head Bolts (05 05 23 00-0097)		
05 05 23 00-0473			1/4" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts (05 05 23 00-0472)		
05 05 23 00-0474	EA		1/4" Diameter x 1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.06	
			For >100 To 250, Deduct	-1.37	
			For >250 To 500, Deduct	-1.71	
			For >500, Deduct	-2.05	
05 05 23 00-0475	EA		1/4" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.18	
			For >100 To 250, Deduct	-1.37	
			For >250 To 500, Deduct	-1.71	
			For >500, Deduct	-2.05	
05 05 23 00-0476	EA		1/4" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.24	
			For >100 To 250, Deduct	-1.37	
			For >250 To 500, Deduct	-1.71	
			For >500, Deduct	-2.05	
05 05 23 00-0477	EA		1/4" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.37	
			For >100 To 250, Deduct	-1.37	
			For >250 To 500, Deduct	-1.71	
			For >500, Deduct	-2.05	
05 05 23 00-0478	EA		1/4" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.64	
			For >100 To 250, Deduct	-1.41	
			For >250 To 500, Deduct	-1.76	
			For >500, Deduct	-2.11	
05 05 23 00-0479	EA		1/4" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.78	
			For >100 To 250, Deduct	-1.41	
			For >250 To 500, Deduct	-1.76	
			For >500, Deduct	-2.11	
05 05 23 00-0480	EA		1/4" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.91	
			For >100 To 250, Deduct	-1.41	
			For >250 To 500, Deduct	-1.76	
			For >500, Deduct	-2.11	
05 05 23 00-0481	EA		1/4" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.12	
			For >100 To 250, Deduct	-1.45	
			For >250 To 500, Deduct	-1.81	
			For >500, Deduct	-2.17	
05 05 23 00-0482	EA		1/4" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.50	
			For >100 To 250, Deduct	-1.45	
			For >250 To 500, Deduct	-1.81	
			For >500, Deduct	-2.17	
05 05 23 00-0483	EA		1/4" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.86	
			For >100 To 250, Deduct	-1.45	
			For >250 To 500, Deduct	-1.81	
			For >500, Deduct	-2.17	
05 05 23 00-0484	EA		1/4" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.24	
			For >100 To 250, Deduct	-1.48	
			For >250 To 500, Deduct	-1.86	
			For >500, Deduct	-2.23	
05 05 23 00-0485	EA		1/4" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.44	
			For >100 To 250, Deduct	-1.48	
			For >250 To 500, Deduct	-1.86	
			For >500, Deduct	-2.23	
05 05 23 00-0486	EA		1/4" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.68	
			For >100 To 250, Deduct	-1.48	
			For >250 To 500, Deduct	-1.86	
			For >500, Deduct	-2.23	
05 05 23 00-0487	EA		1/4" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.04	
			For >100 To 250, Deduct	-1.52	
			For >250 To 500, Deduct	-1.90	
			For >500, Deduct	-2.28	
05 05 23 00-0488	EA		1/4" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.51	
			For >100 To 250, Deduct	-1.52	
			For >250 To 500, Deduct	-1.90	
			For >500, Deduct	-2.28	
05 05 23 00-0489	EA		1/4" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.72	
			For >100 To 250, Deduct	-1.52	
			For >250 To 500, Deduct	-1.90	
			For >500, Deduct	-2.28	
05 05 23 00-0490			5/16" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts (05 05 23 00-0472)		



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0491	EA	5/16" Diameter x 1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	7.17		
		For >100 To 250, Deduct	-1.37		
		For >250 To 500, Deduct	-1.71		
		For >500, Deduct	-2.05		
05 05 23 00-0492	EA	5/16" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	7.24		
		For >100 To 250, Deduct	-1.37		
		For >250 To 500, Deduct	-1.71		
		For >500, Deduct	-2.05		
05 05 23 00-0493	EA	5/16" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.47		
		For >100 To 250, Deduct	-1.37		
		For >250 To 500, Deduct	-1.71		
		For >500, Deduct	-2.05		
05 05 23 00-0494	EA	5/16" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	7.51		
		For >100 To 250, Deduct	-1.37		
		For >250 To 500, Deduct	-1.71		
		For >500, Deduct	-2.05		
05 05 23 00-0495	EA	5/16" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.83		
		For >100 To 250, Deduct	-1.41		
		For >250 To 500, Deduct	-1.76		
		For >500, Deduct	-2.11		
05 05 23 00-0496	EA	5/16" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	8.17		
		For >100 To 250, Deduct	-1.41		
		For >250 To 500, Deduct	-1.76		
		For >500, Deduct	-2.11		
05 05 23 00-0497	EA	5/16" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.27		
		For >100 To 250, Deduct	-1.41		
		For >250 To 500, Deduct	-1.76		
		For >500, Deduct	-2.11		
05 05 23 00-0498	EA	5/16" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	8.67		
		For >100 To 250, Deduct	-1.45		
		For >250 To 500, Deduct	-1.81		
		For >500, Deduct	-2.17		
05 05 23 00-0499	EA	5/16" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.88		
		For >100 To 250, Deduct	-1.45		
		For >250 To 500, Deduct	-1.81		
		For >500, Deduct	-2.17		
05 05 23 00-0500	EA	5/16" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	9.37		
		For >100 To 250, Deduct	-1.45		
		For >250 To 500, Deduct	-1.81		
		For >500, Deduct	-2.17		
05 05 23 00-0501	EA	5/16" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.85		
		For >100 To 250, Deduct	-1.48		
		For >250 To 500, Deduct	-1.86		
		For >500, Deduct	-2.23		
05 05 23 00-0502	EA	5/16" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	10.03		
		For >100 To 250, Deduct	-1.48		
		For >250 To 500, Deduct	-1.86		
		For >500, Deduct	-2.23		
05 05 23 00-0503	EA	5/16" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.32		
		For >100 To 250, Deduct	-1.48		
		For >250 To 500, Deduct	-1.86		
		For >500, Deduct	-2.23		
05 05 23 00-0504	EA	5/16" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	10.71		
		For >100 To 250, Deduct	-1.52		
		For >250 To 500, Deduct	-1.90		
		For >500, Deduct	-2.28		
05 05 23 00-0505	EA	5/16" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.92		
		For >100 To 250, Deduct	-1.52		
		For >250 To 500, Deduct	-1.90		
		For >500, Deduct	-2.28		
05 05 23 00-0506	EA	5/16" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	11.33		
		For >100 To 250, Deduct	-1.52		
		For >250 To 500, Deduct	-1.90		
		For >500, Deduct	-2.28		
05 05 23 00-0507		3/8" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts (05 05 23 00-0472)			
05 05 23 00-0508	EA	3/8" Diameter x 1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	7.41		
		For >100 To 250, Deduct	-1.37		
		For >250 To 500, Deduct	-1.71		
		For >500, Deduct	-2.05		
05 05 23 00-0509	EA	3/8" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	7.44		
		For >100 To 250, Deduct	-1.37		
		For >250 To 500, Deduct	-1.71		
		For >500, Deduct	-2.05		
05 05 23 00-0510	EA	3/8" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.45		
		For >100 To 250, Deduct	-1.37		
		For >250 To 500, Deduct	-1.71		
		For >500, Deduct	-2.05		
05 05 23 00-0511	EA	3/8" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	7.72		
		For >100 To 250, Deduct	-1.37		
		For >250 To 500, Deduct	-1.71		
		For >500, Deduct	-2.05		

05 Metals**05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0512	EA	3/8" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.06	
		For >100 To 250, Deduct	-1.41	
		For >250 To 500, Deduct	-1.76	
		For >500, Deduct	-2.11	
05 05 23 00-0513	EA	3/8" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	8.33	
		For >100 To 250, Deduct	-1.41	
		For >250 To 500, Deduct	-1.76	
		For >500, Deduct	-2.11	
05 05 23 00-0514	EA	3/8" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.57	
		For >100 To 250, Deduct	-1.41	
		For >250 To 500, Deduct	-1.76	
		For >500, Deduct	-2.11	
05 05 23 00-0515	EA	3/8" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	9.54	
		For >100 To 250, Deduct	-1.45	
		For >250 To 500, Deduct	-1.81	
		For >500, Deduct	-2.17	
05 05 23 00-0516	EA	3/8" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.84	
		For >100 To 250, Deduct	-1.45	
		For >250 To 500, Deduct	-1.81	
		For >500, Deduct	-2.17	
05 05 23 00-0517	EA	3/8" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	9.90	
		For >100 To 250, Deduct	-1.45	
		For >250 To 500, Deduct	-1.81	
		For >500, Deduct	-2.17	
05 05 23 00-0518	EA	3/8" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.21	
		For >100 To 250, Deduct	-1.48	
		For >250 To 500, Deduct	-1.86	
		For >500, Deduct	-2.23	
05 05 23 00-0519	EA	3/8" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	10.55	
		For >100 To 250, Deduct	-1.48	
		For >250 To 500, Deduct	-1.86	
		For >500, Deduct	-2.23	
05 05 23 00-0520	EA	3/8" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	12.05	
		For >100 To 250, Deduct	-1.48	
		For >250 To 500, Deduct	-1.86	
		For >500, Deduct	-2.23	
05 05 23 00-0521	EA	3/8" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	12.59	
		For >100 To 250, Deduct	-1.52	
		For >250 To 500, Deduct	-1.90	
		For >500, Deduct	-2.28	
05 05 23 00-0522	EA	3/8" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	13.26	
		For >100 To 250, Deduct	-1.52	
		For >250 To 500, Deduct	-1.90	
		For >500, Deduct	-2.28	
05 05 23 00-0523	EA	3/8" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	14.83	
		For >100 To 250, Deduct	-1.52	
		For >250 To 500, Deduct	-1.90	
		For >500, Deduct	-2.28	
05 05 23 00-0524		7/16" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts (05 05 23 00-0472)		
05 05 23 00-0525	EA	7/16" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	8.64	
		For >100 To 250, Deduct	-1.56	
		For >250 To 500, Deduct	-1.95	
		For >500, Deduct	-2.34	
05 05 23 00-0526	EA	7/16" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.68	
		For >100 To 250, Deduct	-1.56	
		For >250 To 500, Deduct	-1.95	
		For >500, Deduct	-2.34	
05 05 23 00-0527	EA	7/16" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	9.10	
		For >100 To 250, Deduct	-1.56	
		For >250 To 500, Deduct	-1.95	
		For >500, Deduct	-2.34	
05 05 23 00-0528	EA	7/16" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.33	
		For >100 To 250, Deduct	-1.60	
		For >250 To 500, Deduct	-2.00	
		For >500, Deduct	-2.40	
05 05 23 00-0529	EA	7/16" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	9.80	
		For >100 To 250, Deduct	-1.60	
		For >250 To 500, Deduct	-2.00	
		For >500, Deduct	-2.40	
05 05 23 00-0530	EA	7/16" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.06	
		For >100 To 250, Deduct	-1.60	
		For >250 To 500, Deduct	-2.00	
		For >500, Deduct	-2.40	
05 05 23 00-0531	EA	7/16" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	10.30	
		For >100 To 250, Deduct	-1.64	
		For >250 To 500, Deduct	-2.05	
		For >500, Deduct	-2.46	
05 05 23 00-0532	EA	7/16" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	11.35	
		For >100 To 250, Deduct	-1.64	
		For >250 To 500, Deduct	-2.05	
		For >500, Deduct	-2.46	



MINOR		DESCRIPTION	TOTAL DIRECT	DEMOLITION
CSI	UOM		UNIT COST	UNIT COST
05 05 23 00-0533	EA	7/16" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	12.17	
		For >100 To 250, Deduct	-1.64	
		For >250 To 500, Deduct	-2.05	
		For >500, Deduct	-2.46	
05 05 23 00-0534	EA	7/16" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	12.93	
		For >100 To 250, Deduct	-1.68	
		For >250 To 500, Deduct	-2.10	
		For >500, Deduct	-2.52	
05 05 23 00-0535	EA	7/16" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	13.22	
		For >100 To 250, Deduct	-1.68	
		For >250 To 500, Deduct	-2.10	
		For >500, Deduct	-2.52	
05 05 23 00-0536	EA	7/16" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	13.65	
		For >100 To 250, Deduct	-1.68	
		For >250 To 500, Deduct	-2.10	
		For >500, Deduct	-2.52	
05 05 23 00-0537	EA	7/16" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	14.48	
		For >100 To 250, Deduct	-1.72	
		For >250 To 500, Deduct	-2.15	
		For >500, Deduct	-2.58	
05 05 23 00-0538	EA	7/16" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	15.87	
		For >100 To 250, Deduct	-1.72	
		For >250 To 500, Deduct	-2.15	
		For >500, Deduct	-2.58	
05 05 23 00-0539	EA	7/16" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	15.98	
		For >100 To 250, Deduct	-1.72	
		For >250 To 500, Deduct	-2.15	
		For >500, Deduct	-2.58	
05 05 23 00-0540		1/2" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts (05 05 23 00-0472)		
05 05 23 00-0541	EA	1/2" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	8.91	
		For >100 To 250, Deduct	-1.56	
		For >250 To 500, Deduct	-1.95	
		For >500, Deduct	-2.34	
05 05 23 00-0542	EA	1/2" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.22	
		For >100 To 250, Deduct	-1.56	
		For >250 To 500, Deduct	-1.95	
		For >500, Deduct	-2.34	
05 05 23 00-0543	EA	1/2" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	9.41	
		For >100 To 250, Deduct	-1.56	
		For >250 To 500, Deduct	-1.95	
		For >500, Deduct	-2.34	
05 05 23 00-0544	EA	1/2" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.80	
		For >100 To 250, Deduct	-1.60	
		For >250 To 500, Deduct	-2.00	
		For >500, Deduct	-2.40	
05 05 23 00-0545	EA	1/2" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	10.14	
		For >100 To 250, Deduct	-1.60	
		For >250 To 500, Deduct	-2.00	
		For >500, Deduct	-2.40	
05 05 23 00-0546	EA	1/2" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.90	
		For >100 To 250, Deduct	-1.60	
		For >250 To 500, Deduct	-2.00	
		For >500, Deduct	-2.40	
05 05 23 00-0547	EA	1/2" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	11.62	
		For >100 To 250, Deduct	-1.64	
		For >250 To 500, Deduct	-2.05	
		For >500, Deduct	-2.46	
05 05 23 00-0548	EA	1/2" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	12.07	
		For >100 To 250, Deduct	-1.64	
		For >250 To 500, Deduct	-2.05	
		For >500, Deduct	-2.46	
05 05 23 00-0549	EA	1/2" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	12.39	
		For >100 To 250, Deduct	-1.64	
		For >250 To 500, Deduct	-2.05	
		For >500, Deduct	-2.46	
05 05 23 00-0550	EA	1/2" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	13.15	
		For >100 To 250, Deduct	-1.68	
		For >250 To 500, Deduct	-2.10	
		For >500, Deduct	-2.52	
05 05 23 00-0551	EA	1/2" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	14.11	
		For >100 To 250, Deduct	-1.68	
		For >250 To 500, Deduct	-2.10	
		For >500, Deduct	-2.52	
05 05 23 00-0552	EA	1/2" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	14.99	
		For >100 To 250, Deduct	-1.68	
		For >250 To 500, Deduct	-2.10	
		For >500, Deduct	-2.52	
05 05 23 00-0553	EA	1/2" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	15.95	
		For >100 To 250, Deduct	-1.72	
		For >250 To 500, Deduct	-2.15	
		For >500, Deduct	-2.58	

05 Metals**05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0554	EA	1/2" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	16.34	
		For >100 To 250, Deduct	-1.72	
		For >250 To 500, Deduct	-2.15	
		For >500, Deduct	-2.58	
05 05 23 00-0555	EA	1/2" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	17.44	
		For >100 To 250, Deduct	-1.72	
		For >250 To 500, Deduct	-2.15	
		For >500, Deduct	-2.58	
05 05 23 00-0556	EA	1/2" Diameter x 8-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	19.48	
		For >100 To 250, Deduct	-1.76	
		For >250 To 500, Deduct	-2.20	
		For >500, Deduct	-2.64	
05 05 23 00-0557	EA	1/2" Diameter x 9" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	20.27	
		For >100 To 250, Deduct	-1.76	
		For >250 To 500, Deduct	-2.20	
		For >500, Deduct	-2.64	
05 05 23 00-0558	EA	1/2" Diameter x 9-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	20.68	
		For >100 To 250, Deduct	-1.76	
		For >250 To 500, Deduct	-2.20	
		For >500, Deduct	-2.64	
05 05 23 00-0559	EA	1/2" Diameter x 10" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	22.65	
		For >100 To 250, Deduct	-1.76	
		For >250 To 500, Deduct	-2.20	
		For >500, Deduct	-2.64	
05 05 23 00-0560		9/16" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts (05 05 23 00-0472)		
05 05 23 00-0561	EA	9/16" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	9.20	
		For >100 To 250, Deduct	-1.56	
		For >250 To 500, Deduct	-1.95	
		For >500, Deduct	-2.34	
05 05 23 00-0562	EA	9/16" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.38	
		For >100 To 250, Deduct	-1.56	
		For >250 To 500, Deduct	-1.95	
		For >500, Deduct	-2.34	
05 05 23 00-0563	EA	9/16" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	9.81	
		For >100 To 250, Deduct	-1.56	
		For >250 To 500, Deduct	-1.95	
		For >500, Deduct	-2.34	
05 05 23 00-0564	EA	9/16" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.63	
		For >100 To 250, Deduct	-1.60	
		For >250 To 500, Deduct	-2.00	
		For >500, Deduct	-2.40	
05 05 23 00-0565	EA	9/16" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	10.78	
		For >100 To 250, Deduct	-1.60	
		For >250 To 500, Deduct	-2.00	
		For >500, Deduct	-2.40	
05 05 23 00-0566	EA	9/16" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	11.40	
		For >100 To 250, Deduct	-1.60	
		For >250 To 500, Deduct	-2.00	
		For >500, Deduct	-2.40	
05 05 23 00-0567	EA	9/16" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	12.01	
		For >100 To 250, Deduct	-1.64	
		For >250 To 500, Deduct	-2.05	
		For >500, Deduct	-2.46	
05 05 23 00-0568	EA	9/16" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	14.05	
		For >100 To 250, Deduct	-1.64	
		For >250 To 500, Deduct	-2.05	
		For >500, Deduct	-2.46	
05 05 23 00-0569	EA	9/16" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	14.45	
		For >100 To 250, Deduct	-1.64	
		For >250 To 500, Deduct	-2.05	
		For >500, Deduct	-2.46	
05 05 23 00-0570	EA	9/16" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	14.98	
		For >100 To 250, Deduct	-1.68	
		For >250 To 500, Deduct	-2.10	
		For >500, Deduct	-2.52	
05 05 23 00-0571	EA	9/16" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	15.86	
		For >100 To 250, Deduct	-1.68	
		For >250 To 500, Deduct	-2.10	
		For >500, Deduct	-2.52	
05 05 23 00-0572	EA	9/16" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	19.21	
		For >100 To 250, Deduct	-1.68	
		For >250 To 500, Deduct	-2.10	
		For >500, Deduct	-2.52	
05 05 23 00-0573	EA	9/16" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	23.32	
		For >100 To 250, Deduct	-1.72	
		For >250 To 500, Deduct	-2.15	
		For >500, Deduct	-2.58	
05 05 23 00-0574	EA	9/16" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	28.16	
		For >100 To 250, Deduct	-1.72	
		For >250 To 500, Deduct	-2.15	
		For >500, Deduct	-2.58	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0575	EA		9/16" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	33.43	
			For >100 To 250, Deduct	-1.72	
			For >250 To 500, Deduct	-2.15	
			For >500, Deduct	-2.58	
05 05 23 00-0576			5/8" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts (05 05 23 00-0472)		
05 05 23 00-0577	EA		5/8" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	10.84	
			For >100 To 250, Deduct	-1.76	
			For >250 To 500, Deduct	-2.20	
			For >500, Deduct	-2.64	
05 05 23 00-0578	EA		5/8" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	11.02	
			For >100 To 250, Deduct	-1.76	
			For >250 To 500, Deduct	-2.20	
			For >500, Deduct	-2.64	
05 05 23 00-0579	EA		5/8" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	11.49	
			For >100 To 250, Deduct	-1.76	
			For >250 To 500, Deduct	-2.20	
			For >500, Deduct	-2.64	
05 05 23 00-0580	EA		5/8" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	12.37	
			For >100 To 250, Deduct	-1.80	
			For >250 To 500, Deduct	-2.25	
			For >500, Deduct	-2.69	
05 05 23 00-0581	EA		5/8" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	12.93	
			For >100 To 250, Deduct	-1.80	
			For >250 To 500, Deduct	-2.25	
			For >500, Deduct	-2.69	
05 05 23 00-0582	EA		5/8" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	13.24	
			For >100 To 250, Deduct	-1.80	
			For >250 To 500, Deduct	-2.25	
			For >500, Deduct	-2.69	
05 05 23 00-0583	EA		5/8" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	13.64	
			For >100 To 250, Deduct	-1.83	
			For >250 To 500, Deduct	-2.29	
			For >500, Deduct	-2.75	
05 05 23 00-0584	EA		5/8" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	14.65	
			For >100 To 250, Deduct	-1.83	
			For >250 To 500, Deduct	-2.29	
			For >500, Deduct	-2.75	
05 05 23 00-0585	EA		5/8" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	15.09	
			For >100 To 250, Deduct	-1.83	
			For >250 To 500, Deduct	-2.29	
			For >500, Deduct	-2.75	
05 05 23 00-0586	EA		5/8" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	15.77	
			For >100 To 250, Deduct	-1.87	
			For >250 To 500, Deduct	-2.34	
			For >500, Deduct	-2.81	
05 05 23 00-0587	EA		5/8" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	16.24	
			For >100 To 250, Deduct	-1.87	
			For >250 To 500, Deduct	-2.34	
			For >500, Deduct	-2.81	
05 05 23 00-0588	EA		5/8" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	17.23	
			For >100 To 250, Deduct	-1.87	
			For >250 To 500, Deduct	-2.34	
			For >500, Deduct	-2.81	
05 05 23 00-0589	EA		5/8" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	19.77	
			For >100 To 250, Deduct	-1.91	
			For >250 To 500, Deduct	-2.39	
			For >500, Deduct	-2.87	
05 05 23 00-0590	EA		5/8" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	20.90	
			For >100 To 250, Deduct	-1.91	
			For >250 To 500, Deduct	-2.39	
			For >500, Deduct	-2.87	
05 05 23 00-0591	EA		5/8" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	21.38	
			For >100 To 250, Deduct	-1.91	
			For >250 To 500, Deduct	-2.39	
			For >500, Deduct	-2.87	
05 05 23 00-0592	EA		5/8" Diameter x 8-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	23.58	
			For >100 To 250, Deduct	-1.95	
			For >250 To 500, Deduct	-2.44	
			For >500, Deduct	-2.93	
05 05 23 00-0593	EA		5/8" Diameter x 9" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	25.79	
			For >100 To 250, Deduct	-1.95	
			For >250 To 500, Deduct	-2.44	
			For >500, Deduct	-2.93	
05 05 23 00-0594	EA		5/8" Diameter x 9-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	25.96	
			For >100 To 250, Deduct	-1.95	
			For >250 To 500, Deduct	-2.44	
			For >500, Deduct	-2.93	
05 05 23 00-0595	EA		5/8" Diameter x 10" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	28.02	
			For >100 To 250, Deduct	-1.95	
			For >250 To 500, Deduct	-2.44	
			For >500, Deduct	-2.93	

05 Metals**05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0596			3/4" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts (05 05 23 00-0472)		
05 05 23 00-0597	EA		3/4" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	11.89	
			For>100 To 250, Deduct	-1.76	
			For>250 To 500, Deduct	-2.20	
			For>500, Deduct	-2.64	
05 05 23 00-0598	EA		3/4" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	12.09	
			For>100 To 250, Deduct	-1.76	
			For>250 To 500, Deduct	-2.20	
			For>500, Deduct	-2.64	
05 05 23 00-0599	EA		3/4" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	12.22	
			For>100 To 250, Deduct	-1.76	
			For>250 To 500, Deduct	-2.20	
			For>500, Deduct	-2.64	
05 05 23 00-0600	EA		3/4" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	12.70	
			For>100 To 250, Deduct	-1.80	
			For>250 To 500, Deduct	-2.25	
			For>500, Deduct	-2.69	
05 05 23 00-0601	EA		3/4" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	13.12	
			For>100 To 250, Deduct	-1.80	
			For>250 To 500, Deduct	-2.25	
			For>500, Deduct	-2.69	
05 05 23 00-0602	EA		3/4" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	14.32	
			For>100 To 250, Deduct	-1.80	
			For>250 To 500, Deduct	-2.25	
			For>500, Deduct	-2.69	
05 05 23 00-0603	EA		3/4" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	15.02	
			For>100 To 250, Deduct	-1.83	
			For>250 To 500, Deduct	-2.29	
			For>500, Deduct	-2.75	
05 05 23 00-0604	EA		3/4" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	15.12	
			For>100 To 250, Deduct	-1.83	
			For>250 To 500, Deduct	-2.29	
			For>500, Deduct	-2.75	
05 05 23 00-0605	EA		3/4" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	16.76	
			For>100 To 250, Deduct	-1.83	
			For>250 To 500, Deduct	-2.29	
			For>500, Deduct	-2.75	
05 05 23 00-0606	EA		3/4" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	17.55	
			For>100 To 250, Deduct	-1.87	
			For>250 To 500, Deduct	-2.34	
			For>500, Deduct	-2.81	
05 05 23 00-0607	EA		3/4" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	18.41	
			For>100 To 250, Deduct	-1.87	
			For>250 To 500, Deduct	-2.34	
			For>500, Deduct	-2.81	
05 05 23 00-0608	EA		3/4" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	20.01	
			For>100 To 250, Deduct	-1.87	
			For>250 To 500, Deduct	-2.34	
			For>500, Deduct	-2.81	
05 05 23 00-0609	EA		3/4" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	22.15	
			For>100 To 250, Deduct	-1.91	
			For>250 To 500, Deduct	-2.39	
			For>500, Deduct	-2.87	
05 05 23 00-0610	EA		3/4" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	23.01	
			For>100 To 250, Deduct	-1.91	
			For>250 To 500, Deduct	-2.39	
			For>500, Deduct	-2.87	
05 05 23 00-0611	EA		3/4" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	23.45	
			For>100 To 250, Deduct	-1.91	
			For>250 To 500, Deduct	-2.39	
			For>500, Deduct	-2.87	
05 05 23 00-0612	EA		3/4" Diameter x 8-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	25.76	
			For>100 To 250, Deduct	-1.95	
			For>250 To 500, Deduct	-2.44	
			For>500, Deduct	-2.93	
05 05 23 00-0613	EA		3/4" Diameter x 9" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	27.32	
			For>100 To 250, Deduct	-1.95	
			For>250 To 500, Deduct	-2.44	
			For>500, Deduct	-2.93	
05 05 23 00-0614	EA		3/4" Diameter x 9-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	28.43	
			For>100 To 250, Deduct	-1.95	
			For>250 To 500, Deduct	-2.44	
			For>500, Deduct	-2.93	
05 05 23 00-0615	EA		3/4" Diameter x 10" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	28.84	
			For>100 To 250, Deduct	-1.95	
			For>250 To 500, Deduct	-2.44	
			For>500, Deduct	-2.93	
05 05 23 00-0616			7/8" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts (05 05 23 00-0472)		
05 05 23 00-0617	EA		7/8" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	15.76	
			For>100 To 250, Deduct	-1.95	
			For>250 To 500, Deduct	-2.44	
			For>500, Deduct	-2.93	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0618	EA		7/8" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	16.29	
			For >100 To 250, Deduct	-1.95	
			For >250 To 500, Deduct	-2.44	
			For >500, Deduct	-2.93	
05 05 23 00-0619	EA		7/8" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	17.27	
			For >100 To 250, Deduct	-1.99	
			For >250 To 500, Deduct	-2.49	
			For >500, Deduct	-2.99	
05 05 23 00-0620	EA		7/8" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	18.86	
			For >100 To 250, Deduct	-1.99	
			For >250 To 500, Deduct	-2.49	
			For >500, Deduct	-2.99	
05 05 23 00-0621	EA		7/8" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	19.04	
			For >100 To 250, Deduct	-1.99	
			For >250 To 500, Deduct	-2.49	
			For >500, Deduct	-2.99	
05 05 23 00-0622	EA		7/8" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	19.57	
			For >100 To 250, Deduct	-2.03	
			For >250 To 500, Deduct	-2.54	
			For >500, Deduct	-3.05	
05 05 23 00-0623	EA		7/8" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	23.40	
			For >100 To 250, Deduct	-2.03	
			For >250 To 500, Deduct	-2.54	
			For >500, Deduct	-3.05	
05 05 23 00-0624	EA		7/8" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	24.38	
			For >100 To 250, Deduct	-2.03	
			For >250 To 500, Deduct	-2.54	
			For >500, Deduct	-3.05	
05 05 23 00-0625	EA		7/8" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	26.85	
			For >100 To 250, Deduct	-2.07	
			For >250 To 500, Deduct	-2.59	
			For >500, Deduct	-3.11	
05 05 23 00-0626	EA		7/8" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	28.29	
			For >100 To 250, Deduct	-2.07	
			For >250 To 500, Deduct	-2.59	
			For >500, Deduct	-3.11	
05 05 23 00-0627	EA		7/8" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	32.00	
			For >100 To 250, Deduct	-2.07	
			For >250 To 500, Deduct	-2.59	
			For >500, Deduct	-3.11	
05 05 23 00-0628	EA		7/8" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	33.42	
			For >100 To 250, Deduct	-2.11	
			For >250 To 500, Deduct	-2.64	
			For >500, Deduct	-3.16	
05 05 23 00-0629	EA		7/8" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	37.24	
			For >100 To 250, Deduct	-2.11	
			For >250 To 500, Deduct	-2.64	
			For >500, Deduct	-3.16	
05 05 23 00-0630	EA		7/8" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	38.78	
			For >100 To 250, Deduct	-2.11	
			For >250 To 500, Deduct	-2.64	
			For >500, Deduct	-3.16	
05 05 23 00-0631	EA		7/8" Diameter x 8-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	40.22	
			For >100 To 250, Deduct	-2.15	
			For >250 To 500, Deduct	-2.69	
			For >500, Deduct	-3.22	
05 05 23 00-0632	EA		7/8" Diameter x 9" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	40.66	
			For >100 To 250, Deduct	-2.15	
			For >250 To 500, Deduct	-2.69	
			For >500, Deduct	-3.22	
05 05 23 00-0633	EA		7/8" Diameter x 9-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	41.04	
			For >100 To 250, Deduct	-2.15	
			For >250 To 500, Deduct	-2.69	
			For >500, Deduct	-3.22	
05 05 23 00-0634	EA		7/8" Diameter x 10" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	41.96	
			For >100 To 250, Deduct	-2.15	
			For >250 To 500, Deduct	-2.69	
			For >500, Deduct	-3.22	
05 05 23 00-0635			1" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts (05 05 23 00-0472)		
05 05 23 00-0636	EA		1" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	17.27	
			For >100 To 250, Deduct	-1.95	
			For >250 To 500, Deduct	-2.44	
			For >500, Deduct	-2.93	
05 05 23 00-0637	EA		1" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	18.60	
			For >100 To 250, Deduct	-1.95	
			For >250 To 500, Deduct	-2.44	
			For >500, Deduct	-2.93	
05 05 23 00-0638	EA		1" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	19.38	
			For >100 To 250, Deduct	-1.99	
			For >250 To 500, Deduct	-2.49	
			For >500, Deduct	-2.99	

05 Metals**05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0639	EA		1" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	20.37	
			For>100 To 250, Deduct	-1.99	
			For>250 To 500, Deduct	-2.49	
			For>500, Deduct	-2.99	
05 05 23 00-0640	EA		1" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	22.23	
			For>100 To 250, Deduct	-1.99	
			For>250 To 500, Deduct	-2.49	
			For>500, Deduct	-2.99	
05 05 23 00-0641	EA		1" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	22.91	
			For>100 To 250, Deduct	-2.03	
			For>250 To 500, Deduct	-2.54	
			For>500, Deduct	-3.05	
05 05 23 00-0642	EA		1" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	24.51	
			For>100 To 250, Deduct	-2.03	
			For>250 To 500, Deduct	-2.54	
			For>500, Deduct	-3.05	
05 05 23 00-0643	EA		1" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	26.65	
			For>100 To 250, Deduct	-2.03	
			For>250 To 500, Deduct	-2.54	
			For>500, Deduct	-3.05	
05 05 23 00-0644	EA		1" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	27.86	
			For>100 To 250, Deduct	-2.07	
			For>250 To 500, Deduct	-2.59	
			For>500, Deduct	-3.11	
05 05 23 00-0645	EA		1" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	28.76	
			For>100 To 250, Deduct	-2.07	
			For>250 To 500, Deduct	-2.59	
			For>500, Deduct	-3.11	
05 05 23 00-0646	EA		1" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	33.23	
			For>100 To 250, Deduct	-2.07	
			For>250 To 500, Deduct	-2.59	
			For>500, Deduct	-3.11	
05 05 23 00-0647	EA		1" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	34.11	
			For>100 To 250, Deduct	-2.11	
			For>250 To 500, Deduct	-2.64	
			For>500, Deduct	-3.16	
05 05 23 00-0648	EA		1" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	39.16	
			For>100 To 250, Deduct	-2.11	
			For>250 To 500, Deduct	-2.64	
			For>500, Deduct	-3.16	
05 05 23 00-0649	EA		1" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	40.03	
			For>100 To 250, Deduct	-2.11	
			For>250 To 500, Deduct	-2.64	
			For>500, Deduct	-3.16	
05 05 23 00-0650	EA		1" Diameter x 8-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	42.92	
			For>100 To 250, Deduct	-2.15	
			For>250 To 500, Deduct	-2.69	
			For>500, Deduct	-3.22	
05 05 23 00-0651	EA		1" Diameter x 9" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	44.39	
			For>100 To 250, Deduct	-2.15	
			For>250 To 500, Deduct	-2.69	
			For>500, Deduct	-3.22	
05 05 23 00-0652	EA		1" Diameter x 9-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	48.23	
			For>100 To 250, Deduct	-2.15	
			For>250 To 500, Deduct	-2.69	
			For>500, Deduct	-3.22	
05 05 23 00-0653	EA		1" Diameter x 10" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	50.58	
			For>100 To 250, Deduct	-2.15	
			For>250 To 500, Deduct	-2.69	
			For>500, Deduct	-3.22	
05 05 23 00-0654			Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts (05 05 23 00-0097).....		
05 05 23 00-0655			1/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts (05 05 23 00-0654).....		
05 05 23 00-0656	EA		1/4" Diameter x 1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.22	
			For>100 To 250, Deduct	-1.37	
			For>250 To 500, Deduct	-1.71	
			For>500, Deduct	-2.05	
05 05 23 00-0657	EA		1/4" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.24	
			For>100 To 250, Deduct	-1.37	
			For>250 To 500, Deduct	-1.71	
			For>500, Deduct	-2.05	
05 05 23 00-0658	EA		1/4" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.26	
			For>100 To 250, Deduct	-1.37	
			For>250 To 500, Deduct	-1.71	
			For>500, Deduct	-2.05	
05 05 23 00-0659	EA		1/4" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.54	
			For>100 To 250, Deduct	-1.37	
			For>250 To 500, Deduct	-1.71	
			For>500, Deduct	-2.05	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0660	EA	1/4"	Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.86	
			For >100 To 250, Deduct	-1.41	
			For >250 To 500, Deduct	-1.76	
			For >500, Deduct	-2.11	
05 05 23 00-0661	EA	1/4"	Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.02	
			For >100 To 250, Deduct	-1.41	
			For >250 To 500, Deduct	-1.76	
			For >500, Deduct	-2.11	
05 05 23 00-0662	EA	1/4"	Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.09	
			For >100 To 250, Deduct	-1.41	
			For >250 To 500, Deduct	-1.76	
			For >500, Deduct	-2.11	
05 05 23 00-0663	EA	1/4"	Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.31	
			For >100 To 250, Deduct	-1.45	
			For >250 To 500, Deduct	-1.81	
			For >500, Deduct	-2.17	
05 05 23 00-0664	EA	1/4"	Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.50	
			For >100 To 250, Deduct	-1.45	
			For >250 To 500, Deduct	-1.81	
			For >500, Deduct	-2.17	
05 05 23 00-0665	EA	1/4"	Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.55	
			For >100 To 250, Deduct	-1.45	
			For >250 To 500, Deduct	-1.81	
			For >500, Deduct	-2.17	
05 05 23 00-0666	EA	1/4"	Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.87	
			For >100 To 250, Deduct	-1.48	
			For >250 To 500, Deduct	-1.86	
			For >500, Deduct	-2.23	
05 05 23 00-0667	EA	1/4"	Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.04	
			For >100 To 250, Deduct	-1.48	
			For >250 To 500, Deduct	-1.86	
			For >500, Deduct	-2.23	
05 05 23 00-0668	EA	1/4"	Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.10	
			For >100 To 250, Deduct	-1.48	
			For >250 To 500, Deduct	-1.86	
			For >500, Deduct	-2.23	
05 05 23 00-0669	EA	1/4"	Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.44	
			For >100 To 250, Deduct	-1.52	
			For >250 To 500, Deduct	-1.90	
			For >500, Deduct	-2.28	
05 05 23 00-0670	EA	1/4"	Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.90	
			For >100 To 250, Deduct	-1.52	
			For >250 To 500, Deduct	-1.90	
			For >500, Deduct	-2.28	
05 05 23 00-0671	EA	1/4"	Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.48	
			For >100 To 250, Deduct	-1.52	
			For >250 To 500, Deduct	-1.90	
			For >500, Deduct	-2.28	
05 05 23 00-0672			5/16" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts (05 05 23 00-0654)		
05 05 23 00-0673	EA	5/16"	Diameter x 1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.10	
			For >100 To 250, Deduct	-1.37	
			For >250 To 500, Deduct	-1.71	
			For >500, Deduct	-2.05	
05 05 23 00-0674	EA	5/16"	Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.62	
			For >100 To 250, Deduct	-1.37	
			For >250 To 500, Deduct	-1.71	
			For >500, Deduct	-2.05	
05 05 23 00-0675	EA	5/16"	Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.67	
			For >100 To 250, Deduct	-1.37	
			For >250 To 500, Deduct	-1.71	
			For >500, Deduct	-2.05	
05 05 23 00-0676	EA	5/16"	Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.69	
			For >100 To 250, Deduct	-1.37	
			For >250 To 500, Deduct	-1.71	
			For >500, Deduct	-2.05	
05 05 23 00-0677	EA	5/16"	Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.12	
			For >100 To 250, Deduct	-1.41	
			For >250 To 500, Deduct	-1.76	
			For >500, Deduct	-2.11	
05 05 23 00-0678	EA	5/16"	Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.62	
			For >100 To 250, Deduct	-1.41	
			For >250 To 500, Deduct	-1.76	
			For >500, Deduct	-2.11	
05 05 23 00-0679	EA	5/16"	Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.71	
			For >100 To 250, Deduct	-1.41	
			For >250 To 500, Deduct	-1.76	
			For >500, Deduct	-2.11	
05 05 23 00-0680	EA	5/16"	Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.05	
			For >100 To 250, Deduct	-1.45	
			For >250 To 500, Deduct	-1.81	
			For >500, Deduct	-2.17	

05 Metals**05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0681	EA	5/16" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.09	
		For >100 To 250, Deduct	-1.45	
		For >250 To 500, Deduct	-1.81	
		For >500, Deduct	-2.17	
05 05 23 00-0682	EA	5/16" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.49	
		For >100 To 250, Deduct	-1.45	
		For >250 To 500, Deduct	-1.81	
		For >500, Deduct	-2.17	
05 05 23 00-0683	EA	5/16" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.79	
		For >100 To 250, Deduct	-1.48	
		For >250 To 500, Deduct	-1.86	
		For >500, Deduct	-2.23	
05 05 23 00-0684	EA	5/16" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.94	
		For >100 To 250, Deduct	-1.48	
		For >250 To 500, Deduct	-1.86	
		For >500, Deduct	-2.23	
05 05 23 00-0685	EA	5/16" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.32	
		For >100 To 250, Deduct	-1.48	
		For >250 To 500, Deduct	-1.86	
		For >500, Deduct	-2.23	
05 05 23 00-0686	EA	5/16" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.27	
		For >100 To 250, Deduct	-1.52	
		For >250 To 500, Deduct	-1.90	
		For >500, Deduct	-2.28	
05 05 23 00-0687	EA	5/16" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.88	
		For >100 To 250, Deduct	-1.52	
		For >250 To 500, Deduct	-1.90	
		For >500, Deduct	-2.28	
05 05 23 00-0688	EA	5/16" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.45	
		For >100 To 250, Deduct	-1.52	
		For >250 To 500, Deduct	-1.90	
		For >500, Deduct	-2.28	
05 05 23 00-0689		3/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts (05 05 23 00-0654)		
05 05 23 00-0690	EA	3/8" Diameter x 1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.26	
		For >100 To 250, Deduct	-1.37	
		For >250 To 500, Deduct	-1.71	
		For >500, Deduct	-2.05	
05 05 23 00-0691	EA	3/8" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.38	
		For >100 To 250, Deduct	-1.37	
		For >250 To 500, Deduct	-1.71	
		For >500, Deduct	-2.05	
05 05 23 00-0692	EA	3/8" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.51	
		For >100 To 250, Deduct	-1.37	
		For >250 To 500, Deduct	-1.71	
		For >500, Deduct	-2.05	
05 05 23 00-0693	EA	3/8" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.83	
		For >100 To 250, Deduct	-1.37	
		For >250 To 500, Deduct	-1.71	
		For >500, Deduct	-2.05	
05 05 23 00-0694	EA	3/8" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.16	
		For >100 To 250, Deduct	-1.41	
		For >250 To 500, Deduct	-1.76	
		For >500, Deduct	-2.11	
05 05 23 00-0695	EA	3/8" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.43	
		For >100 To 250, Deduct	-1.41	
		For >250 To 500, Deduct	-1.76	
		For >500, Deduct	-2.11	
05 05 23 00-0696	EA	3/8" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.62	
		For >100 To 250, Deduct	-1.41	
		For >250 To 500, Deduct	-1.76	
		For >500, Deduct	-2.11	
05 05 23 00-0697	EA	3/8" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.08	
		For >100 To 250, Deduct	-1.45	
		For >250 To 500, Deduct	-1.81	
		For >500, Deduct	-2.17	
05 05 23 00-0698	EA	3/8" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.21	
		For >100 To 250, Deduct	-1.45	
		For >250 To 500, Deduct	-1.81	
		For >500, Deduct	-2.17	
05 05 23 00-0699	EA	3/8" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.54	
		For >100 To 250, Deduct	-1.45	
		For >250 To 500, Deduct	-1.81	
		For >500, Deduct	-2.17	
05 05 23 00-0700	EA	3/8" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.86	
		For >100 To 250, Deduct	-1.48	
		For >250 To 500, Deduct	-1.86	
		For >500, Deduct	-2.23	
05 05 23 00-0701	EA	3/8" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.31	
		For >100 To 250, Deduct	-1.48	
		For >250 To 500, Deduct	-1.86	
		For >500, Deduct	-2.23	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0702	EA		3/8" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.38	
			For >100 To 250, Deduct	-1.48	
			For >250 To 500, Deduct	-1.66	
			For >500, Deduct	-2.23	
05 05 23 00-0703	EA		3/8" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.60	
			For >100 To 250, Deduct	-1.52	
			For >250 To 500, Deduct	-1.90	
			For >500, Deduct	-2.28	
05 05 23 00-0704	EA		3/8" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.65	
			For >100 To 250, Deduct	-1.52	
			For >250 To 500, Deduct	-1.90	
			For >500, Deduct	-2.28	
05 05 23 00-0705	EA		3/8" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.17	
			For >100 To 250, Deduct	-1.52	
			For >250 To 500, Deduct	-1.90	
			For >500, Deduct	-2.28	
05 05 23 00-0706			7/16" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts (05 05 23 00-0654)		
05 05 23 00-0707	EA		7/16" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.02	
			For >100 To 250, Deduct	-1.56	
			For >250 To 500, Deduct	-1.95	
			For >500, Deduct	-2.34	
05 05 23 00-0708	EA		7/16" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.60	
			For >100 To 250, Deduct	-1.56	
			For >250 To 500, Deduct	-1.95	
			For >500, Deduct	-2.34	
05 05 23 00-0709	EA		7/16" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.04	
			For >100 To 250, Deduct	-1.56	
			For >250 To 500, Deduct	-1.95	
			For >500, Deduct	-2.34	
05 05 23 00-0710	EA		7/16" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.98	
			For >100 To 250, Deduct	-1.60	
			For >250 To 500, Deduct	-2.00	
			For >500, Deduct	-2.40	
05 05 23 00-0711	EA		7/16" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.01	
			For >100 To 250, Deduct	-1.60	
			For >250 To 500, Deduct	-2.00	
			For >500, Deduct	-2.40	
05 05 23 00-0712	EA		7/16" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.05	
			For >100 To 250, Deduct	-1.60	
			For >250 To 500, Deduct	-2.00	
			For >500, Deduct	-2.40	
05 05 23 00-0713	EA		7/16" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.61	
			For >100 To 250, Deduct	-1.64	
			For >250 To 500, Deduct	-2.05	
			For >500, Deduct	-2.46	
05 05 23 00-0714	EA		7/16" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.02	
			For >100 To 250, Deduct	-1.64	
			For >250 To 500, Deduct	-2.05	
			For >500, Deduct	-2.46	
05 05 23 00-0715	EA		7/16" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.39	
			For >100 To 250, Deduct	-1.64	
			For >250 To 500, Deduct	-2.05	
			For >500, Deduct	-2.46	
05 05 23 00-0716	EA		7/16" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	13.01	
			For >100 To 250, Deduct	-1.68	
			For >250 To 500, Deduct	-2.10	
			For >500, Deduct	-2.52	
05 05 23 00-0717	EA		7/16" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	13.44	
			For >100 To 250, Deduct	-1.68	
			For >250 To 500, Deduct	-2.10	
			For >500, Deduct	-2.52	
05 05 23 00-0718			1/2" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts (05 05 23 00-0654)		
05 05 23 00-0719	EA		1/2" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.77	
			For >100 To 250, Deduct	-1.56	
			For >250 To 500, Deduct	-1.95	
			For >500, Deduct	-2.34	
05 05 23 00-0720	EA		1/2" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.96	
			For >100 To 250, Deduct	-1.56	
			For >250 To 500, Deduct	-1.95	
			For >500, Deduct	-2.34	
05 05 23 00-0721	EA		1/2" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.33	
			For >100 To 250, Deduct	-1.56	
			For >250 To 500, Deduct	-1.95	
			For >500, Deduct	-2.34	
05 05 23 00-0722	EA		1/2" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.95	
			For >100 To 250, Deduct	-1.60	
			For >250 To 500, Deduct	-2.00	
			For >500, Deduct	-2.40	

05 Metals**05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0723	EA	1/2" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.24		
		For >100 To 250, Deduct	-1.60		
		For >250 To 500, Deduct	-2.00		
		For >500, Deduct	-2.40		
05 05 23 00-0724	EA	1/2" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.78		
		For >100 To 250, Deduct	-1.60		
		For >250 To 500, Deduct	-2.00		
		For >500, Deduct	-2.40		
05 05 23 00-0725	EA	1/2" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	11.06		
		For >100 To 250, Deduct	-1.64		
		For >250 To 500, Deduct	-2.05		
		For >500, Deduct	-2.46		
05 05 23 00-0726	EA	1/2" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	11.26		
		For >100 To 250, Deduct	-1.64		
		For >250 To 500, Deduct	-2.05		
		For >500, Deduct	-2.46		
05 05 23 00-0727	EA	1/2" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	11.69		
		For >100 To 250, Deduct	-1.64		
		For >250 To 500, Deduct	-2.05		
		For >500, Deduct	-2.46		
05 05 23 00-0728	EA	1/2" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	12.09		
		For >100 To 250, Deduct	-1.68		
		For >250 To 500, Deduct	-2.10		
		For >500, Deduct	-2.52		
05 05 23 00-0729	EA	1/2" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	12.57		
		For >100 To 250, Deduct	-1.68		
		For >250 To 500, Deduct	-2.10		
		For >500, Deduct	-2.52		
05 05 23 00-0730	EA	1/2" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	12.61		
		For >100 To 250, Deduct	-1.68		
		For >250 To 500, Deduct	-2.10		
		For >500, Deduct	-2.52		
05 05 23 00-0731	EA	1/2" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	12.89		
		For >100 To 250, Deduct	-1.72		
		For >250 To 500, Deduct	-2.15		
		For >500, Deduct	-2.58		
05 05 23 00-0732	EA	1/2" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	13.02		
		For >100 To 250, Deduct	-1.72		
		For >250 To 500, Deduct	-2.15		
		For >500, Deduct	-2.58		
05 05 23 00-0733	EA	1/2" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	13.38		
		For >100 To 250, Deduct	-1.72		
		For >250 To 500, Deduct	-2.15		
		For >500, Deduct	-2.58		
05 05 23 00-0734	EA	1/2" Diameter x 8-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	15.29		
		For >100 To 250, Deduct	-1.76		
		For >250 To 500, Deduct	-2.20		
		For >500, Deduct	-2.64		
05 05 23 00-0735	EA	1/2" Diameter x 9" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	15.58		
		For >100 To 250, Deduct	-1.76		
		For >250 To 500, Deduct	-2.20		
		For >500, Deduct	-2.64		
05 05 23 00-0736	EA	1/2" Diameter x 9-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	15.64		
		For >100 To 250, Deduct	-1.76		
		For >250 To 500, Deduct	-2.20		
		For >500, Deduct	-2.64		
05 05 23 00-0737	EA	1/2" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	15.81		
		For >100 To 250, Deduct	-1.76		
		For >250 To 500, Deduct	-2.20		
		For >500, Deduct	-2.64		
05 05 23 00-0738		5/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts (05 05 23 00-0654)			
05 05 23 00-0739	EA	5/8" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.42		
		For >100 To 250, Deduct	-1.76		
		For >250 To 500, Deduct	-2.20		
		For >500, Deduct	-2.64		
05 05 23 00-0740	EA	5/8" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.71		
		For >100 To 250, Deduct	-1.76		
		For >250 To 500, Deduct	-2.20		
		For >500, Deduct	-2.64		
05 05 23 00-0741	EA	5/8" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.91		
		For >100 To 250, Deduct	-1.76		
		For >250 To 500, Deduct	-2.20		
		For >500, Deduct	-2.64		
05 05 23 00-0742	EA	5/8" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	11.42		
		For >100 To 250, Deduct	-1.80		
		For >250 To 500, Deduct	-2.25		
		For >500, Deduct	-2.69		
05 05 23 00-0743	EA	5/8" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	11.85		
		For >100 To 250, Deduct	-1.80		
		For >250 To 500, Deduct	-2.25		
		For >500, Deduct	-2.69		



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0744	EA	5/8" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.80		
		For >100 To 250, Deduct	-1.80		
		For >250 To 500, Deduct	-2.25		
		For >500, Deduct	-2.69		
05 05 23 00-0745	EA	5/8" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	13.14		
		For >100 To 250, Deduct	-1.83		
		For >250 To 500, Deduct	-2.29		
		For >500, Deduct	-2.75		
05 05 23 00-0746	EA	5/8" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	13.31		
		For >100 To 250, Deduct	-1.83		
		For >250 To 500, Deduct	-2.29		
		For >500, Deduct	-2.75		
05 05 23 00-0747	EA	5/8" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	13.60		
		For >100 To 250, Deduct	-1.83		
		For >250 To 500, Deduct	-2.29		
		For >500, Deduct	-2.75		
05 05 23 00-0748	EA	5/8" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	14.18		
		For >100 To 250, Deduct	-1.87		
		For >250 To 500, Deduct	-2.34		
		For >500, Deduct	-2.81		
05 05 23 00-0749	EA	5/8" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	14.51		
		For >100 To 250, Deduct	-1.87		
		For >250 To 500, Deduct	-2.34		
		For >500, Deduct	-2.81		
05 05 23 00-0750	EA	5/8" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	15.49		
		For >100 To 250, Deduct	-1.87		
		For >250 To 500, Deduct	-2.34		
		For >500, Deduct	-2.81		
05 05 23 00-0751	EA	5/8" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	15.74		
		For >100 To 250, Deduct	-1.91		
		For >250 To 500, Deduct	-2.39		
		For >500, Deduct	-2.87		
05 05 23 00-0752	EA	5/8" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	17.45		
		For >100 To 250, Deduct	-1.91		
		For >250 To 500, Deduct	-2.39		
		For >500, Deduct	-2.87		
05 05 23 00-0753	EA	5/8" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	17.96		
		For >100 To 250, Deduct	-1.91		
		For >250 To 500, Deduct	-2.39		
		For >500, Deduct	-2.87		
05 05 23 00-0754	EA	5/8" Diameter x 8-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	18.87		
		For >100 To 250, Deduct	-1.95		
		For >250 To 500, Deduct	-2.44		
		For >500, Deduct	-2.93		
05 05 23 00-0755	EA	5/8" Diameter x 9" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	19.68		
		For >100 To 250, Deduct	-1.95		
		For >250 To 500, Deduct	-2.44		
		For >500, Deduct	-2.93		
05 05 23 00-0756	EA	5/8" Diameter x 9-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	21.53		
		For >100 To 250, Deduct	-1.95		
		For >250 To 500, Deduct	-2.44		
		For >500, Deduct	-2.93		
05 05 23 00-0757	EA	5/8" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	21.67		
		For >100 To 250, Deduct	-1.95		
		For >250 To 500, Deduct	-2.44		
		For >500, Deduct	-2.93		
05 05 23 00-0758		3/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts (05 05 23 00-0654)			
05 05 23 00-0759	EA	3/4" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.81		
		For >100 To 250, Deduct	-1.76		
		For >250 To 500, Deduct	-2.20		
		For >500, Deduct	-2.64		
05 05 23 00-0760	EA	3/4" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.87		
		For >100 To 250, Deduct	-1.76		
		For >250 To 500, Deduct	-2.20		
		For >500, Deduct	-2.64		
05 05 23 00-0761	EA	3/4" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.22		
		For >100 To 250, Deduct	-1.76		
		For >250 To 500, Deduct	-2.20		
		For >500, Deduct	-2.64		
05 05 23 00-0762	EA	3/4" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	13.21		
		For >100 To 250, Deduct	-1.80		
		For >250 To 500, Deduct	-2.25		
		For >500, Deduct	-2.69		
05 05 23 00-0763	EA	3/4" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	14.54		
		For >100 To 250, Deduct	-1.80		
		For >250 To 500, Deduct	-2.25		
		For >500, Deduct	-2.69		
05 05 23 00-0764	EA	3/4" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	15.39		
		For >100 To 250, Deduct	-1.80		
		For >250 To 500, Deduct	-2.25		
		For >500, Deduct	-2.69		

05 Metals**05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0765	EA	3/4"	Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	16.04	
			For >100 To 250, Deduct	-1.83	
			For >250 To 500, Deduct	-2.29	
			For >500, Deduct	-2.75	
05 05 23 00-0766	EA	3/4"	Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	16.12	
			For >100 To 250, Deduct	-1.83	
			For >250 To 500, Deduct	-2.29	
			For >500, Deduct	-2.75	
05 05 23 00-0767	EA	3/4"	Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	16.30	
			For >100 To 250, Deduct	-1.83	
			For >250 To 500, Deduct	-2.29	
			For >500, Deduct	-2.75	
05 05 23 00-0768	EA	3/4"	Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	16.62	
			For >100 To 250, Deduct	-1.87	
			For >250 To 500, Deduct	-2.34	
			For >500, Deduct	-2.81	
05 05 23 00-0769	EA	3/4"	Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	17.75	
			For >100 To 250, Deduct	-1.87	
			For >250 To 500, Deduct	-2.34	
			For >500, Deduct	-2.81	
05 05 23 00-0770	EA	3/4"	Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	18.22	
			For >100 To 250, Deduct	-1.87	
			For >250 To 500, Deduct	-2.34	
			For >500, Deduct	-2.81	
05 05 23 00-0771	EA	3/4"	Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	19.33	
			For >100 To 250, Deduct	-1.91	
			For >250 To 500, Deduct	-2.39	
			For >500, Deduct	-2.87	
05 05 23 00-0772	EA	3/4"	Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	19.48	
			For >100 To 250, Deduct	-1.91	
			For >250 To 500, Deduct	-2.39	
			For >500, Deduct	-2.87	
05 05 23 00-0773	EA	3/4"	Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	19.94	
			For >100 To 250, Deduct	-1.91	
			For >250 To 500, Deduct	-2.39	
			For >500, Deduct	-2.87	
05 05 23 00-0774	EA	3/4"	Diameter x 8-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	20.83	
			For >100 To 250, Deduct	-1.95	
			For >250 To 500, Deduct	-2.44	
			For >500, Deduct	-2.93	
05 05 23 00-0775	EA	3/4"	Diameter x 9" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	21.32	
			For >100 To 250, Deduct	-1.95	
			For >250 To 500, Deduct	-2.44	
			For >500, Deduct	-2.93	
05 05 23 00-0776	EA	3/4"	Diameter x 9-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	21.59	
			For >100 To 250, Deduct	-1.95	
			For >250 To 500, Deduct	-2.44	
			For >500, Deduct	-2.93	
05 05 23 00-0777	EA	3/4"	Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	21.73	
			For >100 To 250, Deduct	-1.95	
			For >250 To 500, Deduct	-2.44	
			For >500, Deduct	-2.93	
05 05 23 00-0778			7/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts		
			(05 05 23 00-0654)		
05 05 23 00-0779	EA	7/8"	Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	15.55	
			For >100 To 250, Deduct	-1.95	
			For >250 To 500, Deduct	-2.44	
			For >500, Deduct	-2.93	
05 05 23 00-0780	EA	7/8"	Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	16.10	
			For >100 To 250, Deduct	-1.95	
			For >250 To 500, Deduct	-2.44	
			For >500, Deduct	-2.93	
05 05 23 00-0781	EA	7/8"	Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	16.60	
			For >100 To 250, Deduct	-1.99	
			For >250 To 500, Deduct	-2.49	
			For >500, Deduct	-2.99	
05 05 23 00-0782	EA	7/8"	Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	19.46	
			For >100 To 250, Deduct	-1.99	
			For >250 To 500, Deduct	-2.49	
			For >500, Deduct	-2.99	
05 05 23 00-0783	EA	7/8"	Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	19.88	
			For >100 To 250, Deduct	-1.99	
			For >250 To 500, Deduct	-2.49	
			For >500, Deduct	-2.99	
05 05 23 00-0784	EA	7/8"	Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	20.62	
			For >100 To 250, Deduct	-2.03	
			For >250 To 500, Deduct	-2.54	
			For >500, Deduct	-3.05	
05 05 23 00-0785	EA	7/8"	Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	21.22	
			For >100 To 250, Deduct	-2.03	
			For >250 To 500, Deduct	-2.54	
			For >500, Deduct	-3.05	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0786	EA		7/8" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	21.98	
			For >100 To 250, Deduct	-2.03	
			For >250 To 500, Deduct	-2.54	
			For >500, Deduct	-3.05	
05 05 23 00-0787	EA		7/8" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	22.72	
			For >100 To 250, Deduct	-2.07	
			For >250 To 500, Deduct	-2.59	
			For >500, Deduct	-3.11	
05 05 23 00-0788	EA		7/8" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	23.31	
			For >100 To 250, Deduct	-2.07	
			For >250 To 500, Deduct	-2.59	
			For >500, Deduct	-3.11	
05 05 23 00-0789	EA		7/8" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	28.03	
			For >100 To 250, Deduct	-2.07	
			For >250 To 500, Deduct	-2.59	
			For >500, Deduct	-3.11	
05 05 23 00-0790	EA		7/8" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	28.87	
			For >100 To 250, Deduct	-2.11	
			For >250 To 500, Deduct	-2.64	
			For >500, Deduct	-3.16	
05 05 23 00-0791	EA		7/8" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	29.97	
			For >100 To 250, Deduct	-2.11	
			For >250 To 500, Deduct	-2.64	
			For >500, Deduct	-3.16	
05 05 23 00-0792	EA		7/8" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	30.23	
			For >100 To 250, Deduct	-2.11	
			For >250 To 500, Deduct	-2.64	
			For >500, Deduct	-3.16	
05 05 23 00-0793	EA		7/8" Diameter x 8-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	30.74	
			For >100 To 250, Deduct	-2.15	
			For >250 To 500, Deduct	-2.69	
			For >500, Deduct	-3.22	
05 05 23 00-0794	EA		7/8" Diameter x 9" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	31.35	
			For >100 To 250, Deduct	-2.15	
			For >250 To 500, Deduct	-2.69	
			For >500, Deduct	-3.22	
05 05 23 00-0795	EA		7/8" Diameter x 9-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	32.11	
			For >100 To 250, Deduct	-2.15	
			For >250 To 500, Deduct	-2.69	
			For >500, Deduct	-3.22	
05 05 23 00-0796	EA		7/8" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	32.83	
			For >100 To 250, Deduct	-2.15	
			For >250 To 500, Deduct	-2.69	
			For >500, Deduct	-3.22	
05 05 23 00-0797			1" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts (05 05 23 00-0834)		
05 05 23 00-0798	EA		1" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	19.38	
			For >100 To 250, Deduct	-1.95	
			For >250 To 500, Deduct	-2.44	
			For >500, Deduct	-2.93	
05 05 23 00-0799	EA		1" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	19.75	
			For >100 To 250, Deduct	-1.99	
			For >250 To 500, Deduct	-2.49	
			For >500, Deduct	-2.99	
05 05 23 00-0800	EA		1" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	20.77	
			For >100 To 250, Deduct	-1.99	
			For >250 To 500, Deduct	-2.49	
			For >500, Deduct	-2.99	
05 05 23 00-0801	EA		1" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	21.58	
			For >100 To 250, Deduct	-1.99	
			For >250 To 500, Deduct	-2.49	
			For >500, Deduct	-2.99	
05 05 23 00-0802	EA		1" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	23.61	
			For >100 To 250, Deduct	-2.03	
			For >250 To 500, Deduct	-2.54	
			For >500, Deduct	-3.05	
05 05 23 00-0803	EA		1" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	24.03	
			For >100 To 250, Deduct	-2.03	
			For >250 To 500, Deduct	-2.54	
			For >500, Deduct	-3.05	
05 05 23 00-0804	EA		1" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	25.22	
			For >100 To 250, Deduct	-2.03	
			For >250 To 500, Deduct	-2.54	
			For >500, Deduct	-3.05	
05 05 23 00-0805	EA		1" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	25.54	
			For >100 To 250, Deduct	-2.07	
			For >250 To 500, Deduct	-2.59	
			For >500, Deduct	-3.11	
05 05 23 00-0806	EA		1" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	25.98	
			For >100 To 250, Deduct	-2.07	
			For >250 To 500, Deduct	-2.59	
			For >500, Deduct	-3.11	

05 Metals**05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0807	EA	1"	Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	30.03	
			For >100 To 250, Deduct	-2.07	
			For >250 To 500, Deduct	-2.59	
			For >500, Deduct	-3.11	
05 05 23 00-0808	EA	1"	Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	30.98	
			For >100 To 250, Deduct	-2.11	
			For >250 To 500, Deduct	-2.64	
			For >500, Deduct	-3.16	
05 05 23 00-0809	EA	1"	Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	32.68	
			For >100 To 250, Deduct	-2.11	
			For >250 To 500, Deduct	-2.64	
			For >500, Deduct	-3.16	
05 05 23 00-0810	EA	1"	Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	34.35	
			For >100 To 250, Deduct	-2.11	
			For >250 To 500, Deduct	-2.64	
			For >500, Deduct	-3.16	
05 05 23 00-0811	EA	1"	Diameter x 8-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	35.06	
			For >100 To 250, Deduct	-2.15	
			For >250 To 500, Deduct	-2.69	
			For >500, Deduct	-3.22	
05 05 23 00-0812	EA	1"	Diameter x 9" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	36.42	
			For >100 To 250, Deduct	-2.15	
			For >250 To 500, Deduct	-2.69	
			For >500, Deduct	-3.22	
05 05 23 00-0813	EA	1"	Diameter x 9-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	37.45	
			For >100 To 250, Deduct	-2.15	
			For >250 To 500, Deduct	-2.69	
			For >500, Deduct	-3.22	
05 05 23 00-0814	EA	1"	Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	38.98	
			For >100 To 250, Deduct	-2.15	
			For >250 To 500, Deduct	-2.69	
			For >500, Deduct	-3.22	
05 05 23 00-0815			304/18-8 Stainless Steel, Hex Head Bolts (05 05 23 00-0097)		
05 05 23 00-0816			1/4" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts (05 05 23 00-0815)		
05 05 23 00-0817	EA	1/4"	Diameter x 1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	7.20	
			For >100 To 250, Deduct	-1.37	
			For >250 To 500, Deduct	-1.71	
			For >500, Deduct	-2.05	
05 05 23 00-0818	EA	1/4"	Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	7.34	
			For >100 To 250, Deduct	-1.37	
			For >250 To 500, Deduct	-1.71	
			For >500, Deduct	-2.05	
05 05 23 00-0819	EA	1/4"	Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	7.52	
			For >100 To 250, Deduct	-1.37	
			For >250 To 500, Deduct	-1.71	
			For >500, Deduct	-2.05	
05 05 23 00-0820	EA	1/4"	Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	7.71	
			For >100 To 250, Deduct	-1.37	
			For >250 To 500, Deduct	-1.71	
			For >500, Deduct	-2.05	
05 05 23 00-0821	EA	1/4"	Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	8.09	
			For >100 To 250, Deduct	-1.41	
			For >250 To 500, Deduct	-1.76	
			For >500, Deduct	-2.11	
05 05 23 00-0822	EA	1/4"	Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	8.37	
			For >100 To 250, Deduct	-1.41	
			For >250 To 500, Deduct	-1.76	
			For >500, Deduct	-2.11	
05 05 23 00-0823	EA	1/4"	Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	8.71	
			For >100 To 250, Deduct	-1.41	
			For >250 To 500, Deduct	-1.76	
			For >500, Deduct	-2.11	
05 05 23 00-0824	EA	1/4"	Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	9.16	
			For >100 To 250, Deduct	-1.45	
			For >250 To 500, Deduct	-1.81	
			For >500, Deduct	-2.17	
05 05 23 00-0825	EA	1/4"	Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	9.57	
			For >100 To 250, Deduct	-1.45	
			For >250 To 500, Deduct	-1.81	
			For >500, Deduct	-2.17	
05 05 23 00-0826	EA	1/4"	Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	9.95	
			For >100 To 250, Deduct	-1.45	
			For >250 To 500, Deduct	-1.81	
			For >500, Deduct	-2.17	
05 05 23 00-0827	EA	1/4"	Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	10.45	
			For >100 To 250, Deduct	-1.48	
			For >250 To 500, Deduct	-1.86	
			For >500, Deduct	-2.23	
05 05 23 00-0828	EA	1/4"	Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	11.07	
			For >100 To 250, Deduct	-1.48	
			For >250 To 500, Deduct	-1.86	
			For >500, Deduct	-2.23	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0829	EA		1/4" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	18.55	
			For >100 To 250, Deduct	-1.48	
			For >250 To 500, Deduct	-1.86	
			For >500, Deduct	-2.23	
05 05 23 00-0830	EA		1/4" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	22.40	
			For >100 To 250, Deduct	-1.52	
			For >250 To 500, Deduct	-1.90	
			For >500, Deduct	-2.28	
05 05 23 00-0831	EA		1/4" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	22.75	
			For >100 To 250, Deduct	-1.52	
			For >250 To 500, Deduct	-1.90	
			For >500, Deduct	-2.28	
05 05 23 00-0832	EA		1/4" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	23.59	
			For >100 To 250, Deduct	-1.52	
			For >250 To 500, Deduct	-1.90	
			For >500, Deduct	-2.28	
05 05 23 00-0833			5/16" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts (05 05 23 00-0815)		
05 05 23 00-0834	EA		5/16" Diameter x 1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	7.46	
			For >100 To 250, Deduct	-1.37	
			For >250 To 500, Deduct	-1.71	
			For >500, Deduct	-2.05	
05 05 23 00-0835	EA		5/16" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	7.59	
			For >100 To 250, Deduct	-1.37	
			For >250 To 500, Deduct	-1.71	
			For >500, Deduct	-2.05	
05 05 23 00-0836	EA		5/16" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	7.86	
			For >100 To 250, Deduct	-1.37	
			For >250 To 500, Deduct	-1.71	
			For >500, Deduct	-2.05	
05 05 23 00-0837	EA		5/16" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	8.07	
			For >100 To 250, Deduct	-1.37	
			For >250 To 500, Deduct	-1.71	
			For >500, Deduct	-2.05	
05 05 23 00-0838	EA		5/16" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	8.66	
			For >100 To 250, Deduct	-1.41	
			For >250 To 500, Deduct	-1.76	
			For >500, Deduct	-2.11	
05 05 23 00-0839	EA		5/16" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	8.79	
			For >100 To 250, Deduct	-1.41	
			For >250 To 500, Deduct	-1.76	
			For >500, Deduct	-2.11	
05 05 23 00-0840	EA		5/16" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	9.49	
			For >100 To 250, Deduct	-1.41	
			For >250 To 500, Deduct	-1.76	
			For >500, Deduct	-2.11	
05 05 23 00-0841	EA		5/16" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	10.18	
			For >100 To 250, Deduct	-1.45	
			For >250 To 500, Deduct	-1.81	
			For >500, Deduct	-2.17	
05 05 23 00-0842	EA		5/16" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	10.96	
			For >100 To 250, Deduct	-1.45	
			For >250 To 500, Deduct	-1.81	
			For >500, Deduct	-2.17	
05 05 23 00-0843	EA		5/16" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	11.35	
			For >100 To 250, Deduct	-1.45	
			For >250 To 500, Deduct	-1.81	
			For >500, Deduct	-2.17	
05 05 23 00-0844	EA		5/16" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	12.73	
			For >100 To 250, Deduct	-1.48	
			For >250 To 500, Deduct	-1.86	
			For >500, Deduct	-2.23	
05 05 23 00-0845	EA		5/16" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	14.69	
			For >100 To 250, Deduct	-1.48	
			For >250 To 500, Deduct	-1.86	
			For >500, Deduct	-2.23	
05 05 23 00-0846	EA		5/16" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	19.14	
			For >100 To 250, Deduct	-1.48	
			For >250 To 500, Deduct	-1.86	
			For >500, Deduct	-2.23	
05 05 23 00-0847	EA		5/16" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	26.54	
			For >100 To 250, Deduct	-1.52	
			For >250 To 500, Deduct	-1.90	
			For >500, Deduct	-2.28	
05 05 23 00-0848			3/8" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts (05 05 23 00-0815)		
05 05 23 00-0849	EA		3/8" Diameter x 1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	7.79	
			For >100 To 250, Deduct	-1.37	
			For >250 To 500, Deduct	-1.71	
			For >500, Deduct	-2.05	

05 Metals**05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0850	EA	3/8" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt	7.96	
		For >100 To 250, Deduct	-1.37	
		For >250 To 500, Deduct	-1.71	
		For >500, Deduct	-2.05	
05 05 23 00-0851	EA	3/8" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.38	
		For >100 To 250, Deduct	-1.37	
		For >250 To 500, Deduct	-1.71	
		For >500, Deduct	-2.05	
05 05 23 00-0852	EA	3/8" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.91	
		For >100 To 250, Deduct	-1.37	
		For >250 To 500, Deduct	-1.71	
		For >500, Deduct	-2.05	
05 05 23 00-0853	EA	3/8" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	9.37	
		For >100 To 250, Deduct	-1.41	
		For >250 To 500, Deduct	-1.76	
		For >500, Deduct	-2.11	
05 05 23 00-0854	EA	3/8" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	9.80	
		For >100 To 250, Deduct	-1.41	
		For >250 To 500, Deduct	-1.76	
		For >500, Deduct	-2.11	
05 05 23 00-0855	EA	3/8" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	10.37	
		For >100 To 250, Deduct	-1.41	
		For >250 To 500, Deduct	-1.76	
		For >500, Deduct	-2.11	
05 05 23 00-0856	EA	3/8" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	11.08	
		For >100 To 250, Deduct	-1.45	
		For >250 To 500, Deduct	-1.81	
		For >500, Deduct	-2.17	
05 05 23 00-0857	EA	3/8" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	11.74	
		For >100 To 250, Deduct	-1.45	
		For >250 To 500, Deduct	-1.81	
		For >500, Deduct	-2.17	
05 05 23 00-0858	EA	3/8" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	13.21	
		For >100 To 250, Deduct	-1.45	
		For >250 To 500, Deduct	-1.81	
		For >500, Deduct	-2.17	
05 05 23 00-0859	EA	3/8" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	13.57	
		For >100 To 250, Deduct	-1.48	
		For >250 To 500, Deduct	-1.86	
		For >500, Deduct	-2.23	
05 05 23 00-0860	EA	3/8" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	14.78	
		For >100 To 250, Deduct	-1.48	
		For >250 To 500, Deduct	-1.86	
		For >500, Deduct	-2.23	
05 05 23 00-0861	EA	3/8" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	17.36	
		For >100 To 250, Deduct	-1.48	
		For >250 To 500, Deduct	-1.86	
		For >500, Deduct	-2.23	
05 05 23 00-0862	EA	3/8" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	18.16	
		For >100 To 250, Deduct	-1.52	
		For >250 To 500, Deduct	-1.90	
		For >500, Deduct	-2.28	
05 05 23 00-0863	EA	3/8" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	18.53	
		For >100 To 250, Deduct	-1.52	
		For >250 To 500, Deduct	-1.90	
		For >500, Deduct	-2.28	
05 05 23 00-0864	EA	3/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt	21.11	
		For >100 To 250, Deduct	-1.52	
		For >250 To 500, Deduct	-1.90	
		For >500, Deduct	-2.28	
05 05 23 00-0865		7/16" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts (05 05 23 00-0815)		
05 05 23 00-0866	EA	7/16" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt	10.13	
		For >100 To 250, Deduct	-1.56	
		For >250 To 500, Deduct	-1.95	
		For >500, Deduct	-2.34	
05 05 23 00-0867	EA	7/16" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	10.31	
		For >100 To 250, Deduct	-1.56	
		For >250 To 500, Deduct	-1.95	
		For >500, Deduct	-2.34	
05 05 23 00-0868	EA	7/16" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	10.99	
		For >100 To 250, Deduct	-1.56	
		For >250 To 500, Deduct	-1.95	
		For >500, Deduct	-2.34	
05 05 23 00-0869	EA	7/16" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	11.59	
		For >100 To 250, Deduct	-1.60	
		For >250 To 500, Deduct	-2.00	
		For >500, Deduct	-2.40	
05 05 23 00-0870	EA	7/16" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	12.41	
		For >100 To 250, Deduct	-1.60	
		For >250 To 500, Deduct	-2.00	
		For >500, Deduct	-2.40	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0871	EA		7/16" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	13.78	
			For >100 To 250, Deduct	-1.60	
			For >250 To 500, Deduct	-2.00	
			For >500, Deduct	-2.40	
05 05 23 00-0872	EA		7/16" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	14.60	
			For >100 To 250, Deduct	-1.64	
			For >250 To 500, Deduct	-2.05	
			For >500, Deduct	-2.46	
05 05 23 00-0873	EA		7/16" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	16.20	
			For >100 To 250, Deduct	-1.64	
			For >250 To 500, Deduct	-2.05	
			For >500, Deduct	-2.46	
05 05 23 00-0874	EA		7/16" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	16.90	
			For >100 To 250, Deduct	-1.64	
			For >250 To 500, Deduct	-2.05	
			For >500, Deduct	-2.46	
05 05 23 00-0875	EA		7/16" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	19.30	
			For >100 To 250, Deduct	-1.68	
			For >250 To 500, Deduct	-2.10	
			For >500, Deduct	-2.52	
05 05 23 00-0876	EA		7/16" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	21.74	
			For >100 To 250, Deduct	-1.68	
			For >250 To 500, Deduct	-2.10	
			For >500, Deduct	-2.52	
05 05 23 00-0877	EA		7/16" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	22.07	
			For >100 To 250, Deduct	-1.68	
			For >250 To 500, Deduct	-2.10	
			For >500, Deduct	-2.52	
05 05 23 00-0878	EA		7/16" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	22.56	
			For >100 To 250, Deduct	-1.72	
			For >250 To 500, Deduct	-2.15	
			For >500, Deduct	-2.58	
05 05 23 00-0879			1/2" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts (05 05 23 00-0815)		
05 05 23 00-0880	EA		1/2" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt	10.11	
			For >100 To 250, Deduct	-1.56	
			For >250 To 500, Deduct	-1.95	
			For >500, Deduct	-2.34	
05 05 23 00-0881	EA		1/2" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	10.31	
			For >100 To 250, Deduct	-1.56	
			For >250 To 500, Deduct	-1.95	
			For >500, Deduct	-2.34	
05 05 23 00-0882	EA		1/2" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	11.38	
			For >100 To 250, Deduct	-1.56	
			For >250 To 500, Deduct	-1.95	
			For >500, Deduct	-2.34	
05 05 23 00-0883	EA		1/2" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	12.00	
			For >100 To 250, Deduct	-1.60	
			For >250 To 500, Deduct	-2.00	
			For >500, Deduct	-2.40	
05 05 23 00-0884	EA		1/2" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	12.98	
			For >100 To 250, Deduct	-1.60	
			For >250 To 500, Deduct	-2.00	
			For >500, Deduct	-2.40	
05 05 23 00-0885	EA		1/2" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	13.51	
			For >100 To 250, Deduct	-1.60	
			For >250 To 500, Deduct	-2.00	
			For >500, Deduct	-2.40	
05 05 23 00-0886	EA		1/2" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	14.34	
			For >100 To 250, Deduct	-1.64	
			For >250 To 500, Deduct	-2.05	
			For >500, Deduct	-2.46	
05 05 23 00-0887	EA		1/2" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	14.81	
			For >100 To 250, Deduct	-1.64	
			For >250 To 500, Deduct	-2.05	
			For >500, Deduct	-2.46	
05 05 23 00-0888	EA		1/2" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	17.37	
			For >100 To 250, Deduct	-1.64	
			For >250 To 500, Deduct	-2.05	
			For >500, Deduct	-2.46	
05 05 23 00-0889	EA		1/2" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	18.28	
			For >100 To 250, Deduct	-1.68	
			For >250 To 500, Deduct	-2.10	
			For >500, Deduct	-2.52	
05 05 23 00-0890	EA		1/2" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	19.44	
			For >100 To 250, Deduct	-1.68	
			For >250 To 500, Deduct	-2.10	
			For >500, Deduct	-2.52	
05 05 23 00-0891	EA		1/2" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	20.74	
			For >100 To 250, Deduct	-1.68	
			For >250 To 500, Deduct	-2.10	
			For >500, Deduct	-2.52	

05 Metals**05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0892	EA	1/2"	Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	22.87	
			For >100 To 250, Deduct	-1.72	
			For >250 To 500, Deduct	-2.15	
			For >500, Deduct	-2.58	
05 05 23 00-0893	EA	1/2"	Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	23.65	
			For >100 To 250, Deduct	-1.72	
			For >250 To 500, Deduct	-2.15	
			For >500, Deduct	-2.58	
05 05 23 00-0894	EA	1/2"	Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt	24.88	
			For >100 To 250, Deduct	-1.72	
			For >250 To 500, Deduct	-2.15	
			For >500, Deduct	-2.58	
05 05 23 00-0895	EA	1/2"	Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	31.10	
			For >100 To 250, Deduct	-1.76	
			For >250 To 500, Deduct	-2.20	
			For >500, Deduct	-2.64	
05 05 23 00-0896	EA	1/2"	Diameter x 9" Length, 304/18-8 Stainless Steel, Hex Head Bolt	31.59	
			For >100 To 250, Deduct	-1.76	
			For >250 To 500, Deduct	-2.20	
			For >500, Deduct	-2.64	
05 05 23 00-0897	EA	1/2"	Diameter x 9-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	34.98	
			For >100 To 250, Deduct	-1.76	
			For >250 To 500, Deduct	-2.20	
			For >500, Deduct	-2.64	
05 05 23 00-0898	EA	1/2"	Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Head Bolt	38.36	
			For >100 To 250, Deduct	-1.76	
			For >250 To 500, Deduct	-2.20	
			For >500, Deduct	-2.64	
05 05 23 00-0899			9/16" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts (05 05 23 00-0815)		
05 05 23 00-0900	EA	9/16"	Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt	15.74	
			For >100 To 250, Deduct	-1.56	
			For >250 To 500, Deduct	-1.95	
			For >500, Deduct	-2.34	
05 05 23 00-0901	EA	9/16"	Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	17.97	
			For >100 To 250, Deduct	-1.56	
			For >250 To 500, Deduct	-1.95	
			For >500, Deduct	-2.34	
05 05 23 00-0902	EA	9/16"	Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	21.87	
			For >100 To 250, Deduct	-1.56	
			For >250 To 500, Deduct	-1.95	
			For >500, Deduct	-2.34	
05 05 23 00-0903	EA	9/16"	Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	22.85	
			For >100 To 250, Deduct	-1.60	
			For >250 To 500, Deduct	-2.00	
			For >500, Deduct	-2.40	
05 05 23 00-0904	EA	9/16"	Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	24.23	
			For >100 To 250, Deduct	-1.60	
			For >250 To 500, Deduct	-2.00	
			For >500, Deduct	-2.40	
05 05 23 00-0905	EA	9/16"	Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	26.65	
			For >100 To 250, Deduct	-1.60	
			For >250 To 500, Deduct	-2.00	
			For >500, Deduct	-2.40	
05 05 23 00-0906	EA	9/16"	Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	30.40	
			For >100 To 250, Deduct	-1.64	
			For >250 To 500, Deduct	-2.05	
			For >500, Deduct	-2.46	
05 05 23 00-0907	EA	9/16"	Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	30.95	
			For >100 To 250, Deduct	-1.64	
			For >250 To 500, Deduct	-2.05	
			For >500, Deduct	-2.46	
05 05 23 00-0908	EA	9/16"	Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	36.06	
			For >100 To 250, Deduct	-1.64	
			For >250 To 500, Deduct	-2.05	
			For >500, Deduct	-2.46	
05 05 23 00-0909	EA	9/16"	Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	38.68	
			For >100 To 250, Deduct	-1.68	
			For >250 To 500, Deduct	-2.10	
			For >500, Deduct	-2.52	
05 05 23 00-0910	EA	9/16"	Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	41.41	
			For >100 To 250, Deduct	-1.68	
			For >250 To 500, Deduct	-2.10	
			For >500, Deduct	-2.52	
05 05 23 00-0911			5/8" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts (05 05 23 00-0815)		
05 05 23 00-0912	EA	5/8"	Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt	12.99	
			For >100 To 250, Deduct	-1.76	
			For >250 To 500, Deduct	-2.20	
			For >500, Deduct	-2.64	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0913	EA		5/8" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	13.50	
			For >100 To 250, Deduct	-1.76	
			For >250 To 500, Deduct	-2.20	
			For >500, Deduct	-2.64	
05 05 23 00-0914	EA		5/8" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	15.63	
			For >100 To 250, Deduct	-1.76	
			For >250 To 500, Deduct	-2.20	
			For >500, Deduct	-2.64	
05 05 23 00-0915	EA		5/8" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	16.17	
			For >100 To 250, Deduct	-1.80	
			For >250 To 500, Deduct	-2.25	
			For >500, Deduct	-2.69	
05 05 23 00-0916	EA		5/8" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	17.18	
			For >100 To 250, Deduct	-1.80	
			For >250 To 500, Deduct	-2.25	
			For >500, Deduct	-2.69	
05 05 23 00-0917	EA		5/8" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	18.63	
			For >100 To 250, Deduct	-1.80	
			For >250 To 500, Deduct	-2.25	
			For >500, Deduct	-2.69	
05 05 23 00-0918	EA		5/8" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	20.64	
			For >100 To 250, Deduct	-1.83	
			For >250 To 500, Deduct	-2.29	
			For >500, Deduct	-2.75	
05 05 23 00-0919	EA		5/8" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	20.66	
			For >100 To 250, Deduct	-1.83	
			For >250 To 500, Deduct	-2.29	
			For >500, Deduct	-2.75	
05 05 23 00-0920	EA		5/8" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	22.28	
			For >100 To 250, Deduct	-1.83	
			For >250 To 500, Deduct	-2.29	
			For >500, Deduct	-2.75	
05 05 23 00-0921	EA		5/8" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	23.39	
			For >100 To 250, Deduct	-1.87	
			For >250 To 500, Deduct	-2.34	
			For >500, Deduct	-2.81	
05 05 23 00-0922	EA		5/8" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	24.86	
			For >100 To 250, Deduct	-1.87	
			For >250 To 500, Deduct	-2.34	
			For >500, Deduct	-2.81	
05 05 23 00-0923	EA		5/8" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	30.21	
			For >100 To 250, Deduct	-1.87	
			For >250 To 500, Deduct	-2.34	
			For >500, Deduct	-2.81	
05 05 23 00-0924	EA		5/8" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	33.33	
			For >100 To 250, Deduct	-1.91	
			For >250 To 500, Deduct	-2.39	
			For >500, Deduct	-2.87	
05 05 23 00-0925	EA		5/8" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	35.75	
			For >100 To 250, Deduct	-1.91	
			For >250 To 500, Deduct	-2.39	
			For >500, Deduct	-2.87	
05 05 23 00-0926	EA		5/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	36.85	
			For >100 To 250, Deduct	-1.91	
			For >250 To 500, Deduct	-2.39	
			For >500, Deduct	-2.87	
05 05 23 00-0927	EA		5/8" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	41.52	
			For >100 To 250, Deduct	-1.95	
			For >250 To 500, Deduct	-2.44	
			For >500, Deduct	-2.93	
05 05 23 00-0928	EA		5/8" Diameter x 9" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	42.95	
			For >100 To 250, Deduct	-1.95	
			For >250 To 500, Deduct	-2.44	
			For >500, Deduct	-2.93	
05 05 23 00-0929	EA		5/8" Diameter x 9-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	49.31	
			For >100 To 250, Deduct	-1.95	
			For >250 To 500, Deduct	-2.44	
			For >500, Deduct	-2.93	
05 05 23 00-0930	EA		5/8" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	51.93	
			For >100 To 250, Deduct	-1.95	
			For >250 To 500, Deduct	-2.44	
			For >500, Deduct	-2.93	
05 05 23 00-0931			3/4" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts (05 05 23 00-0815).....	15.31	
05 05 23 00-0932	EA		3/4" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	15.31	
			For >100 To 250, Deduct	-1.76	
			For >250 To 500, Deduct	-2.20	
			For >500, Deduct	-2.64	
05 05 23 00-0933	EA		3/4" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	16.31	
			For >100 To 250, Deduct	-1.76	
			For >250 To 500, Deduct	-2.20	
			For >500, Deduct	-2.64	

05 Metals**05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0934 EA 3/4" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	17.62	
For >100 To 250, Deduct	-1.76	
For >250 To 500, Deduct	-2.20	
For >500, Deduct	-2.64	
05 05 23 00-0935 EA 3/4" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	19.23	
For >100 To 250, Deduct	-1.80	
For >250 To 500, Deduct	-2.25	
For >500, Deduct	-2.69	
05 05 23 00-0936 EA 3/4" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	20.68	
For >100 To 250, Deduct	-1.80	
For >250 To 500, Deduct	-2.25	
For >500, Deduct	-2.69	
05 05 23 00-0937 EA 3/4" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	23.12	
For >100 To 250, Deduct	-1.80	
For >250 To 500, Deduct	-2.25	
For >500, Deduct	-2.69	
05 05 23 00-0938 EA 3/4" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	24.76	
For >100 To 250, Deduct	-1.83	
For >250 To 500, Deduct	-2.29	
For >500, Deduct	-2.75	
05 05 23 00-0939 EA 3/4" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	27.02	
For >100 To 250, Deduct	-1.83	
For >250 To 500, Deduct	-2.29	
For >500, Deduct	-2.75	
05 05 23 00-0940 EA 3/4" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	28.84	
For >100 To 250, Deduct	-1.83	
For >250 To 500, Deduct	-2.29	
For >500, Deduct	-2.75	
05 05 23 00-0941 EA 3/4" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	30.91	
For >100 To 250, Deduct	-1.87	
For >250 To 500, Deduct	-2.34	
For >500, Deduct	-2.81	
05 05 23 00-0942 EA 3/4" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	33.02	
For >100 To 250, Deduct	-1.87	
For >250 To 500, Deduct	-2.34	
For >500, Deduct	-2.81	
05 05 23 00-0943 EA 3/4" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	36.99	
For >100 To 250, Deduct	-1.87	
For >250 To 500, Deduct	-2.34	
For >500, Deduct	-2.81	
05 05 23 00-0944 EA 3/4" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	47.71	
For >100 To 250, Deduct	-1.91	
For >250 To 500, Deduct	-2.39	
For >500, Deduct	-2.87	
05 05 23 00-0945 EA 3/4" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	51.07	
For >100 To 250, Deduct	-1.91	
For >250 To 500, Deduct	-2.39	
For >500, Deduct	-2.87	
05 05 23 00-0946 EA 3/4" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt	58.26	
For >100 To 250, Deduct	-1.91	
For >250 To 500, Deduct	-2.39	
For >500, Deduct	-2.87	
05 05 23 00-0947 EA 3/4" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	58.79	
For >100 To 250, Deduct	-1.95	
For >250 To 500, Deduct	-2.44	
For >500, Deduct	-2.93	
05 05 23 00-0948 EA 3/4" Diameter x 9" Length, 304/18-8 Stainless Steel, Hex Head Bolt	59.92	
For >100 To 250, Deduct	-1.95	
For >250 To 500, Deduct	-2.44	
For >500, Deduct	-2.93	
05 05 23 00-0949 EA 3/4" Diameter x 9-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	62.99	
For >100 To 250, Deduct	-1.95	
For >250 To 500, Deduct	-2.44	
For >500, Deduct	-2.93	
05 05 23 00-0950 EA 3/4" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Head Bolt	65.35	
For >100 To 250, Deduct	-1.95	
For >250 To 500, Deduct	-2.44	
For >500, Deduct	-2.93	
05 05 23 00-0951 7/8" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts (05 05 23 00-0815)		
05 05 23 00-0952 EA 7/8" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	22.53	
For >100 To 250, Deduct	-1.95	
For >250 To 500, Deduct	-2.44	
For >500, Deduct	-2.93	
05 05 23 00-0953 EA 7/8" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	25.02	
For >100 To 250, Deduct	-1.95	
For >250 To 500, Deduct	-2.44	
For >500, Deduct	-2.93	
05 05 23 00-0954 EA 7/8" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	27.11	
For >100 To 250, Deduct	-1.99	
For >250 To 500, Deduct	-2.49	
For >500, Deduct	-2.99	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0955	EA		7/8" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	29.63	
			For >100 To 250, Deduct	-1.99	
			For >250 To 500, Deduct	-2.49	
			For >500, Deduct	-2.99	
05 05 23 00-0956	EA		7/8" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	30.45	
			For >100 To 250, Deduct	-1.99	
			For >250 To 500, Deduct	-2.49	
			For >500, Deduct	-2.99	
05 05 23 00-0957	EA		7/8" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	32.71	
			For >100 To 250, Deduct	-2.03	
			For >250 To 500, Deduct	-2.54	
			For >500, Deduct	-3.05	
05 05 23 00-0958	EA		7/8" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	33.51	
			For >100 To 250, Deduct	-2.03	
			For >250 To 500, Deduct	-2.54	
			For >500, Deduct	-3.05	
05 05 23 00-0959	EA		7/8" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	39.00	
			For >100 To 250, Deduct	-2.03	
			For >250 To 500, Deduct	-2.54	
			For >500, Deduct	-3.05	
05 05 23 00-0960	EA		7/8" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	40.02	
			For >100 To 250, Deduct	-2.07	
			For >250 To 500, Deduct	-2.59	
			For >500, Deduct	-3.11	
05 05 23 00-0961	EA		7/8" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	42.13	
			For >100 To 250, Deduct	-2.07	
			For >250 To 500, Deduct	-2.59	
			For >500, Deduct	-3.11	
05 05 23 00-0962	EA		7/8" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	53.75	
			For >100 To 250, Deduct	-2.07	
			For >250 To 500, Deduct	-2.59	
			For >500, Deduct	-3.11	
05 05 23 00-0963	EA		7/8" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	58.40	
			For >100 To 250, Deduct	-2.11	
			For >250 To 500, Deduct	-2.64	
			For >500, Deduct	-3.16	
05 05 23 00-0964	EA		7/8" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	63.61	
			For >100 To 250, Deduct	-2.11	
			For >250 To 500, Deduct	-2.64	
			For >500, Deduct	-3.16	
05 05 23 00-0965	EA		7/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt	67.81	
			For >100 To 250, Deduct	-2.11	
			For >250 To 500, Deduct	-2.64	
			For >500, Deduct	-3.16	
05 05 23 00-0966	EA		7/8" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	80.77	
			For >100 To 250, Deduct	-2.15	
			For >250 To 500, Deduct	-2.69	
			For >500, Deduct	-3.22	
05 05 23 00-0967	EA		7/8" Diameter x 9" Length, 304/18-8 Stainless Steel, Hex Head Bolt	90.98	
			For >100 To 250, Deduct	-2.15	
			For >250 To 500, Deduct	-2.69	
			For >500, Deduct	-3.22	
05 05 23 00-0968	EA		7/8" Diameter x 9-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	95.71	
			For >100 To 250, Deduct	-2.15	
			For >250 To 500, Deduct	-2.69	
			For >500, Deduct	-3.22	
05 05 23 00-0969	EA		7/8" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Head Bolt	100.42	
			For >100 To 250, Deduct	-2.15	
			For >250 To 500, Deduct	-2.69	
			For >500, Deduct	-3.22	
05 05 23 00-0970			1" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts (05 05 23 00-0815)	28.55	
05 05 23 00-0971	EA		1" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt		
			For >100 To 250, Deduct	-1.95	
			For >250 To 500, Deduct	-2.44	
			For >500, Deduct	-2.93	
05 05 23 00-0972	EA		1" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	30.37	
			For >100 To 250, Deduct	-1.95	
			For >250 To 500, Deduct	-2.44	
			For >500, Deduct	-2.93	
05 05 23 00-0973	EA		1" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	33.26	
			For >100 To 250, Deduct	-1.99	
			For >250 To 500, Deduct	-2.49	
			For >500, Deduct	-2.99	
05 05 23 00-0974	EA		1" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	35.55	
			For >100 To 250, Deduct	-1.99	
			For >250 To 500, Deduct	-2.49	
			For >500, Deduct	-2.99	
05 05 23 00-0975	EA		1" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	39.30	
			For >100 To 250, Deduct	-1.99	
			For >250 To 500, Deduct	-2.49	
			For >500, Deduct	-2.99	

05 Metals**05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0976	EA	1"	Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	43.71	
			For >100 To 250, Deduct	-2.03	
			For >250 To 500, Deduct	-2.54	
			For >500, Deduct	-3.05	
05 05 23 00-0977	EA	1"	Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	46.33	
			For >100 To 250, Deduct	-2.03	
			For >250 To 500, Deduct	-2.54	
			For >500, Deduct	-3.05	
05 05 23 00-0978	EA	1"	Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	50.19	
			For >100 To 250, Deduct	-2.03	
			For >250 To 500, Deduct	-2.54	
			For >500, Deduct	-3.05	
05 05 23 00-0979	EA	1"	Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	54.03	
			For >100 To 250, Deduct	-2.07	
			For >250 To 500, Deduct	-2.59	
			For >500, Deduct	-3.11	
05 05 23 00-0980	EA	1"	Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	54.24	
			For >100 To 250, Deduct	-2.07	
			For >250 To 500, Deduct	-2.59	
			For >500, Deduct	-3.11	
05 05 23 00-0981	EA	1"	Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	64.61	
			For >100 To 250, Deduct	-2.07	
			For >250 To 500, Deduct	-2.59	
			For >500, Deduct	-3.11	
05 05 23 00-0982	EA	1"	Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	77.93	
			For >100 To 250, Deduct	-2.11	
			For >250 To 500, Deduct	-2.64	
			For >500, Deduct	-3.16	
05 05 23 00-0983	EA	1"	Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	79.88	
			For >100 To 250, Deduct	-2.11	
			For >250 To 500, Deduct	-2.64	
			For >500, Deduct	-3.16	
05 05 23 00-0984	EA	1"	Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt	81.84	
			For >100 To 250, Deduct	-2.11	
			For >250 To 500, Deduct	-2.64	
			For >500, Deduct	-3.16	
05 05 23 00-0985	EA	1"	Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	85.94	
			For >100 To 250, Deduct	-2.15	
			For >250 To 500, Deduct	-2.69	
			For >500, Deduct	-3.22	
05 05 23 00-0986	EA	1"	Diameter x 9" Length, 304/18-8 Stainless Steel, Hex Head Bolt	91.94	
			For >100 To 250, Deduct	-2.15	
			For >250 To 500, Deduct	-2.69	
			For >500, Deduct	-3.22	
05 05 23 00-0987	EA	1"	Diameter x 9-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	119.15	
			For >100 To 250, Deduct	-2.15	
			For >250 To 500, Deduct	-2.69	
			For >500, Deduct	-3.22	
05 05 23 00-0988	EA	1"	Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Head Bolt	150.85	
			For >100 To 250, Deduct	-2.15	
			For >250 To 500, Deduct	-2.69	
			For >500, Deduct	-3.22	
05 05 23 00-0989			316 Stainless Steel, Hex Head Bolts (05 05 23 00-0997)		
05 05 23 00-0990			1/4" Diameter, 316 Stainless Steel, Hex Head Bolts (05 05 23 00-0989)		
05 05 23 00-0991	EA	1/2"	Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	7.47	
			For >100 To 250, Deduct	-1.37	
			For >250 To 500, Deduct	-1.71	
			For >500, Deduct	-2.05	
05 05 23 00-0992	EA	1"	Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	7.76	
			For >100 To 250, Deduct	-1.37	
			For >250 To 500, Deduct	-1.71	
			For >500, Deduct	-2.05	
05 05 23 00-0993	EA	1-1/2"	Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	7.97	
			For >100 To 250, Deduct	-1.37	
			For >250 To 500, Deduct	-1.71	
			For >500, Deduct	-2.05	
05 05 23 00-0994	EA	2"	Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	8.11	
			For >100 To 250, Deduct	-1.37	
			For >250 To 500, Deduct	-1.71	
			For >500, Deduct	-2.05	
05 05 23 00-0995	EA	2-1/2"	Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	8.71	
			For >100 To 250, Deduct	-1.41	
			For >250 To 500, Deduct	-1.76	
			For >500, Deduct	-2.11	
05 05 23 00-0996	EA	3"	Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	9.08	
			For >100 To 250, Deduct	-1.41	
			For >250 To 500, Deduct	-1.76	
			For >500, Deduct	-2.11	
05 05 23 00-0997	EA	3-1/2"	Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	9.45	
			For >100 To 250, Deduct	-1.41	
			For >250 To 500, Deduct	-1.76	
			For >500, Deduct	-2.11	



MINOR		DESCRIPTION	TOTAL DIRECT	DEMOLITION
CSI	UOM		UNIT COST	UNIT COST
05 05 23 00-0998	EA	4" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	9.95	
		For >100 To 250, Deduct	-1.45	
		For >250 To 500, Deduct	-1.81	
		For >500, Deduct	-2.17	
05 05 23 00-0999	EA	4-1/2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	10.26	
		For >100 To 250, Deduct	-1.45	
		For >250 To 500, Deduct	-1.81	
		For >500, Deduct	-2.17	
05 05 23 00-1000	EA	5" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	10.39	
		For >100 To 250, Deduct	-1.45	
		For >250 To 500, Deduct	-1.81	
		For >500, Deduct	-2.17	
05 05 23 00-1001	EA	5-1/2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	11.54	
		For >100 To 250, Deduct	-1.48	
		For >250 To 500, Deduct	-1.86	
		For >500, Deduct	-2.23	
05 05 23 00-1002	EA	6" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	11.80	
		For >100 To 250, Deduct	-1.48	
		For >250 To 500, Deduct	-1.86	
		For >500, Deduct	-2.23	
05 05 23 00-1003	EA	6-1/2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	21.33	
		For >100 To 250, Deduct	-1.48	
		For >250 To 500, Deduct	-1.86	
		For >500, Deduct	-2.23	
05 05 23 00-1004	EA	7" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	33.06	
		For >100 To 250, Deduct	-1.52	
		For >250 To 500, Deduct	-1.90	
		For >500, Deduct	-2.28	
05 05 23 00-1005	EA	7-1/2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	58.49	
		For >100 To 250, Deduct	-1.52	
		For >250 To 500, Deduct	-1.90	
		For >500, Deduct	-2.28	
05 05 23 00-1006	EA	8" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	64.29	
		For >100 To 250, Deduct	-1.52	
		For >250 To 500, Deduct	-1.90	
		For >500, Deduct	-2.28	
05 05 23 00-1007		5/16" Diameter, 316 Stainless Steel, Hex Head Bolts (05 05 23 00-0999)		
05 05 23 00-1008	EA	5/16" Diameter x 1/2" Length, 316 Stainless Steel, Hex Head Bolt	7.86	
		For >100 To 250, Deduct	-1.37	
		For >250 To 500, Deduct	-1.71	
		For >500, Deduct	-2.05	
05 05 23 00-1009	EA	5/16" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt	8.19	
		For >100 To 250, Deduct	-1.37	
		For >250 To 500, Deduct	-1.71	
		For >500, Deduct	-2.05	
05 05 23 00-1010	EA	5/16" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt	8.73	
		For >100 To 250, Deduct	-1.37	
		For >250 To 500, Deduct	-1.71	
		For >500, Deduct	-2.05	
05 05 23 00-1011	EA	5/16" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	9.14	
		For >100 To 250, Deduct	-1.37	
		For >250 To 500, Deduct	-1.71	
		For >500, Deduct	-2.05	
05 05 23 00-1012	EA	5/16" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	9.51	
		For >100 To 250, Deduct	-1.41	
		For >250 To 500, Deduct	-1.76	
		For >500, Deduct	-2.11	
05 05 23 00-1013	EA	5/16" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	10.35	
		For >100 To 250, Deduct	-1.41	
		For >250 To 500, Deduct	-1.76	
		For >500, Deduct	-2.11	
05 05 23 00-1014	EA	5/16" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	10.94	
		For >100 To 250, Deduct	-1.41	
		For >250 To 500, Deduct	-1.76	
		For >500, Deduct	-2.11	
05 05 23 00-1015	EA	5/16" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	11.39	
		For >100 To 250, Deduct	-1.45	
		For >250 To 500, Deduct	-1.81	
		For >500, Deduct	-2.17	
05 05 23 00-1016	EA	5/16" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	12.64	
		For >100 To 250, Deduct	-1.45	
		For >250 To 500, Deduct	-1.81	
		For >500, Deduct	-2.17	
05 05 23 00-1017	EA	5/16" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	12.89	
		For >100 To 250, Deduct	-1.45	
		For >250 To 500, Deduct	-1.81	
		For >500, Deduct	-2.17	
05 05 23 00-1018	EA	5/16" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	13.96	
		For >100 To 250, Deduct	-1.48	
		For >250 To 500, Deduct	-1.86	
		For >500, Deduct	-2.23	

05 Metals**05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1019 EA 5/16" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	14.94	
For >100 To 250, Deduct	-1.48	
For >250 To 500, Deduct	-1.86	
For >500, Deduct	-2.23	
05 05 23 00-1020 EA 5/16" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	23.05	
For >100 To 250, Deduct	-1.48	
For >250 To 500, Deduct	-1.86	
For >500, Deduct	-2.23	
05 05 23 00-1021 EA 5/16" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt	34.76	
For >100 To 250, Deduct	-1.52	
For >250 To 500, Deduct	-1.90	
For >500, Deduct	-2.28	
05 05 23 00-1022 3/8" Diameter, 316 Stainless Steel, Hex Head Bolts (05 05 23 00-0989)		
05 05 23 00-1023 EA 3/8" Diameter x 1/2" Length, 316 Stainless Steel, Hex Head Bolt	8.72	
For >100 To 250, Deduct	-1.37	
For >250 To 500, Deduct	-1.71	
For >500, Deduct	-2.05	
05 05 23 00-1024 EA 3/8" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt	8.85	
For >100 To 250, Deduct	-1.37	
For >250 To 500, Deduct	-1.71	
For >500, Deduct	-2.05	
05 05 23 00-1025 EA 3/8" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt	9.36	
For >100 To 250, Deduct	-1.37	
For >250 To 500, Deduct	-1.71	
For >500, Deduct	-2.05	
05 05 23 00-1026 EA 3/8" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	10.57	
For >100 To 250, Deduct	-1.37	
For >250 To 500, Deduct	-1.71	
For >500, Deduct	-2.05	
05 05 23 00-1027 EA 3/8" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	11.19	
For >100 To 250, Deduct	-1.41	
For >250 To 500, Deduct	-1.76	
For >500, Deduct	-2.11	
05 05 23 00-1028 EA 3/8" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	11.41	
For >100 To 250, Deduct	-1.41	
For >250 To 500, Deduct	-1.76	
For >500, Deduct	-2.11	
05 05 23 00-1029 EA 3/8" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	12.46	
For >100 To 250, Deduct	-1.41	
For >250 To 500, Deduct	-1.76	
For >500, Deduct	-2.11	
05 05 23 00-1030 EA 3/8" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	12.82	
For >100 To 250, Deduct	-1.45	
For >250 To 500, Deduct	-1.81	
For >500, Deduct	-2.17	
05 05 23 00-1031 EA 3/8" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	13.48	
For >100 To 250, Deduct	-1.45	
For >250 To 500, Deduct	-1.81	
For >500, Deduct	-2.17	
05 05 23 00-1032 EA 3/8" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	13.93	
For >100 To 250, Deduct	-1.45	
For >250 To 500, Deduct	-1.81	
For >500, Deduct	-2.17	
05 05 23 00-1033 EA 3/8" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	15.58	
For >100 To 250, Deduct	-1.48	
For >250 To 500, Deduct	-1.86	
For >500, Deduct	-2.23	
05 05 23 00-1034 EA 3/8" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	17.36	
For >100 To 250, Deduct	-1.48	
For >250 To 500, Deduct	-1.86	
For >500, Deduct	-2.23	
05 05 23 00-1035 EA 3/8" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	17.44	
For >100 To 250, Deduct	-1.48	
For >250 To 500, Deduct	-1.86	
For >500, Deduct	-2.23	
05 05 23 00-1036 EA 3/8" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt	22.14	
For >100 To 250, Deduct	-1.52	
For >250 To 500, Deduct	-1.90	
For >500, Deduct	-2.28	
05 05 23 00-1037 EA 3/8" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt	29.49	
For >100 To 250, Deduct	-1.52	
For >250 To 500, Deduct	-1.90	
For >500, Deduct	-2.28	
05 05 23 00-1038 EA 3/8" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt	37.42	
For >100 To 250, Deduct	-1.52	
For >250 To 500, Deduct	-1.90	
For >500, Deduct	-2.28	
05 05 23 00-1039 7/16" Diameter, 316 Stainless Steel, Hex Head Bolts (05 05 23 00-0989)		



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1040	EA	7/16"	Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	11.72 -1.56 -1.95 -2.34	
05 05 23 00-1041	EA	7/16"	Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	12.48 -1.56 -1.95 -2.34	
05 05 23 00-1042	EA	7/16"	Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	13.90 -1.56 -1.95 -2.34	
05 05 23 00-1043	EA	7/16"	Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	15.32 -1.60 -2.00 -2.40	
05 05 23 00-1044	EA	7/16"	Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	16.69 -1.60 -2.00 -2.40	
05 05 23 00-1045	EA	7/16"	Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	18.94 -1.60 -2.00 -2.40	
05 05 23 00-1046	EA	7/16"	Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	21.28 -1.64 -2.05 -2.46	
05 05 23 00-1047	EA	7/16"	Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	21.67 -1.64 -2.05 -2.46	
05 05 23 00-1048	EA	7/16"	Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	22.49 -1.64 -2.05 -2.46	
05 05 23 00-1049	EA	7/16"	Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	23.25 -1.68 -2.10 -2.52	
05 05 23 00-1050	EA	7/16"	Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	23.83 -1.68 -2.10 -2.52	
05 05 23 00-1051	EA	7/16"	Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	24.42 -1.68 -2.10 -2.52	
05 05 23 00-1052	EA	7/16"	Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	25.08 -1.72 -2.15 -2.58	
05 05 23 00-1053			1/2" Diameter, 316 Stainless Steel, Hex Head Bolts (05 05 23 00-0989)		
05 05 23 00-1054	EA	1/2"	Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	11.68 -1.56 -1.95 -2.34	
05 05 23 00-1055	EA	1/2"	Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	12.50 -1.56 -1.95 -2.34	
05 05 23 00-1056	EA	1/2"	Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	13.65 -1.56 -1.95 -2.34	
05 05 23 00-1057	EA	1/2"	Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	15.21 -1.60 -2.00 -2.40	
05 05 23 00-1058	EA	1/2"	Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	16.48 -1.60 -2.00 -2.40	
05 05 23 00-1059	EA	1/2"	Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	16.79 -1.60 -2.00 -2.40	
05 05 23 00-1060	EA	1/2"	Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	17.51 -1.64 -2.05 -2.46	

05 Metals**05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1061	EA	1/2"	Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	19.95 -1.64 -2.05 -2.46	
05 05 23 00-1062	EA	1/2"	Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	24.91 -1.64 -2.05 -2.46	
05 05 23 00-1063	EA	1/2"	Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	25.49 -1.68 -2.10 -2.52	
05 05 23 00-1064	EA	1/2"	Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	26.27 -1.68 -2.10 -2.52	
05 05 23 00-1065	EA	1/2"	Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	32.41 -1.68 -2.10 -2.52	
05 05 23 00-1066	EA	1/2"	Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	36.70 -1.72 -2.15 -2.58	
05 05 23 00-1067	EA	1/2"	Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	39.35 -1.72 -2.15 -2.58	
05 05 23 00-1068	EA	1/2"	Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	43.75 -1.72 -2.15 -2.58	
05 05 23 00-1069	EA	1/2"	Diameter x 8-1/2" Length, 316 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	55.57 -1.76 -2.20 -2.64	
05 05 23 00-1070	EA	1/2"	Diameter x 9" Length, 316 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	63.07 -1.76 -2.20 -2.64	
05 05 23 00-1071	EA	1/2"	Diameter x 9-1/2" Length, 316 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	64.30 -1.76 -2.20 -2.64	
05 05 23 00-1072	EA	1/2"	Diameter x 10" Length, 316 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	66.22 -1.76 -2.20 -2.64	
05 05 23 00-1073			9/16" Diameter, 316 Stainless Steel, Hex Head Bolts (05 05 23 00-0989)		
05 05 23 00-1074	EA	9/16"	Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	32.23 -1.56 -1.95 -2.34	
05 05 23 00-1075	EA	9/16"	Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	34.92 -1.56 -1.95 -2.34	
05 05 23 00-1076	EA	9/16"	Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	43.95 -1.56 -1.95 -2.34	
05 05 23 00-1077	EA	9/16"	Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	49.20 -1.60 -2.00 -2.40	
05 05 23 00-1078	EA	9/16"	Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	54.53 -1.60 -2.00 -2.40	
05 05 23 00-1079	EA	9/16"	Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	59.86 -1.60 -2.00 -2.40	
05 05 23 00-1080	EA	9/16"	Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	63.37 -1.64 -2.05 -2.46	
05 05 23 00-1081	EA	9/16"	Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	67.77 -1.64 -2.05 -2.46	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1082	EA		9/16" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	71.67	
			For >100 To 250, Deduct	-1.64	
			For >250 To 500, Deduct	-2.05	
			For >500, Deduct	-2.46	
05 05 23 00-1083	EA		9/16" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	73.05	
			For >100 To 250, Deduct	-1.68	
			For >250 To 500, Deduct	-2.10	
			For >500, Deduct	-2.52	
05 05 23 00-1084	EA		9/16" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	76.49	
			For >100 To 250, Deduct	-1.68	
			For >250 To 500, Deduct	-2.10	
			For >500, Deduct	-2.52	
05 05 23 00-1085			5/8" Diameter, 316 Stainless Steel, Hex Head Bolts (05 05 23 00-0950)		
05 05 23 00-1086	EA		5/8" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt	6.84	
			For >100 To 250, Deduct	-1.76	
			For >250 To 500, Deduct	-2.20	
			For >500, Deduct	-2.64	
05 05 23 00-1087	EA		5/8" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt	17.07	
			For >100 To 250, Deduct	-1.76	
			For >250 To 500, Deduct	-2.20	
			For >500, Deduct	-2.64	
05 05 23 00-1088	EA		5/8" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	17.15	
			For >100 To 250, Deduct	-1.76	
			For >250 To 500, Deduct	-2.20	
			For >500, Deduct	-2.64	
05 05 23 00-1089	EA		5/8" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	18.88	
			For >100 To 250, Deduct	-1.80	
			For >250 To 500, Deduct	-2.25	
			For >500, Deduct	-2.69	
05 05 23 00-1090	EA		5/8" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	20.47	
			For >100 To 250, Deduct	-1.80	
			For >250 To 500, Deduct	-2.25	
			For >500, Deduct	-2.69	
05 05 23 00-1091	EA		5/8" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	25.49	
			For >100 To 250, Deduct	-1.80	
			For >250 To 500, Deduct	-2.25	
			For >500, Deduct	-2.69	
05 05 23 00-1092	EA		5/8" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	26.73	
			For >100 To 250, Deduct	-1.83	
			For >250 To 500, Deduct	-2.29	
			For >500, Deduct	-2.75	
05 05 23 00-1093	EA		5/8" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	31.13	
			For >100 To 250, Deduct	-1.83	
			For >250 To 500, Deduct	-2.29	
			For >500, Deduct	-2.75	
05 05 23 00-1094	EA		5/8" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	32.65	
			For >100 To 250, Deduct	-1.83	
			For >250 To 500, Deduct	-2.29	
			For >500, Deduct	-2.75	
05 05 23 00-1095	EA		5/8" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	35.74	
			For >100 To 250, Deduct	-1.87	
			For >250 To 500, Deduct	-2.34	
			For >500, Deduct	-2.81	
05 05 23 00-1096	EA		5/8" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	36.99	
			For >100 To 250, Deduct	-1.87	
			For >250 To 500, Deduct	-2.34	
			For >500, Deduct	-2.81	
05 05 23 00-1097	EA		5/8" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	44.69	
			For >100 To 250, Deduct	-1.87	
			For >250 To 500, Deduct	-2.34	
			For >500, Deduct	-2.81	
05 05 23 00-1098	EA		5/8" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt	47.65	
			For >100 To 250, Deduct	-1.91	
			For >250 To 500, Deduct	-2.39	
			For >500, Deduct	-2.87	
05 05 23 00-1099	EA		5/8" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt	48.63	
			For >100 To 250, Deduct	-1.91	
			For >250 To 500, Deduct	-2.39	
			For >500, Deduct	-2.87	
05 05 23 00-1100	EA		5/8" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt	52.22	
			For >100 To 250, Deduct	-1.91	
			For >250 To 500, Deduct	-2.39	
			For >500, Deduct	-2.87	
05 05 23 00-1101	EA		5/8" Diameter x 8-1/2" Length, 316 Stainless Steel, Hex Head Bolt	55.66	
			For >100 To 250, Deduct	-1.95	
			For >250 To 500, Deduct	-2.44	
			For >500, Deduct	-2.93	
05 05 23 00-1102	EA		5/8" Diameter x 9" Length, 316 Stainless Steel, Hex Head Bolt	58.71	
			For >100 To 250, Deduct	-1.95	
			For >250 To 500, Deduct	-2.44	
			For >500, Deduct	-2.93	

05 Metals**05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1103	EA		5/8" Diameter x 9-1/2" Length, 316 Stainless Steel, Hex Head Bolt	73.24	
			For >100 To 250, Deduct	-1.95	
			For >250 To 500, Deduct	-2.44	
			For >500, Deduct	-2.93	
05 05 23 00-1104	EA		5/8" Diameter x 10" Length, 316 Stainless Steel, Hex Head Bolt	88.77	
			For >100 To 250, Deduct	-1.95	
			For >250 To 500, Deduct	-2.44	
			For >500, Deduct	-2.93	
05 05 23 00-1105 3/4" Diameter, 316 Stainless Steel, Hex Head Bolts (05 05 23 00-0989)					
05 05 23 00-1106	EA		3/4" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt	22.95	
			For >100 To 250, Deduct	-1.76	
			For >250 To 500, Deduct	-2.20	
			For >500, Deduct	-2.64	
05 05 23 00-1107	EA		3/4" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt	23.50	
			For >100 To 250, Deduct	-1.76	
			For >250 To 500, Deduct	-2.20	
			For >500, Deduct	-2.64	
05 05 23 00-1108	EA		3/4" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	25.59	
			For >100 To 250, Deduct	-1.76	
			For >250 To 500, Deduct	-2.20	
			For >500, Deduct	-2.64	
05 05 23 00-1109	EA		3/4" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	27.61	
			For >100 To 250, Deduct	-1.80	
			For >250 To 500, Deduct	-2.25	
			For >500, Deduct	-2.69	
05 05 23 00-1110	EA		3/4" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	31.52	
			For >100 To 250, Deduct	-1.80	
			For >250 To 500, Deduct	-2.25	
			For >500, Deduct	-2.69	
05 05 23 00-1111	EA		3/4" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	33.79	
			For >100 To 250, Deduct	-1.80	
			For >250 To 500, Deduct	-2.25	
			For >500, Deduct	-2.69	
05 05 23 00-1112	EA		3/4" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	38.80	
			For >100 To 250, Deduct	-1.83	
			For >250 To 500, Deduct	-2.29	
			For >500, Deduct	-2.75	
05 05 23 00-1113	EA		3/4" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	40.79	
			For >100 To 250, Deduct	-1.83	
			For >250 To 500, Deduct	-2.29	
			For >500, Deduct	-2.75	
05 05 23 00-1114	EA		3/4" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	41.89	
			For >100 To 250, Deduct	-1.83	
			For >250 To 500, Deduct	-2.29	
			For >500, Deduct	-2.75	
05 05 23 00-1115	EA		3/4" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	43.55	
			For >100 To 250, Deduct	-1.87	
			For >250 To 500, Deduct	-2.34	
			For >500, Deduct	-2.81	
05 05 23 00-1116	EA		3/4" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	46.05	
			For >100 To 250, Deduct	-1.87	
			For >250 To 500, Deduct	-2.34	
			For >500, Deduct	-2.81	
05 05 23 00-1117	EA		3/4" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	53.75	
			For >100 To 250, Deduct	-1.87	
			For >250 To 500, Deduct	-2.34	
			For >500, Deduct	-2.81	
05 05 23 00-1118	EA		3/4" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt	65.07	
			For >100 To 250, Deduct	-1.91	
			For >250 To 500, Deduct	-2.39	
			For >500, Deduct	-2.87	
05 05 23 00-1119	EA		3/4" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt	73.75	
			For >100 To 250, Deduct	-1.91	
			For >250 To 500, Deduct	-2.39	
			For >500, Deduct	-2.87	
05 05 23 00-1120	EA		3/4" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt	75.05	
			For >100 To 250, Deduct	-1.91	
			For >250 To 500, Deduct	-2.39	
			For >500, Deduct	-2.87	
05 05 23 00-1121	EA		3/4" Diameter x 8-1/2" Length, 316 Stainless Steel, Hex Head Bolt	80.47	
			For >100 To 250, Deduct	-1.95	
			For >250 To 500, Deduct	-2.44	
			For >500, Deduct	-2.93	
05 05 23 00-1122	EA		3/4" Diameter x 9" Length, 316 Stainless Steel, Hex Head Bolt	93.62	
			For >100 To 250, Deduct	-1.95	
			For >250 To 500, Deduct	-2.44	
			For >500, Deduct	-2.93	
05 05 23 00-1123	EA		3/4" Diameter x 9-1/2" Length, 316 Stainless Steel, Hex Head Bolt	94.73	
			For >100 To 250, Deduct	-1.95	
			For >250 To 500, Deduct	-2.44	
			For >500, Deduct	-2.93	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1124	EA		3/4" Diameter x 10" Length, 316 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	97.50 -1.95 -2.44 -2.93	
05 05 23 00-1125			7/8" Diameter, 316 Stainless Steel, Hex Head Bolts (05 05 23 00-0989)		
05 05 23 00-1126	EA		7/8" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	25.91 -1.95 -2.44 -2.93	
05 05 23 00-1127	EA		7/8" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	29.53 -1.95 -2.44 -2.93	
05 05 23 00-1128	EA		7/8" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	31.70 -1.99 -2.49 -2.99	
05 05 23 00-1129	EA		7/8" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	36.76 -1.99 -2.49 -2.99	
05 05 23 00-1130	EA		7/8" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	39.03 -1.99 -2.49 -2.99	
05 05 23 00-1131	EA		7/8" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	41.21 -2.03 -2.54 -3.05	
05 05 23 00-1132	EA		7/8" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	44.27 -2.03 -2.54 -3.05	
05 05 23 00-1133	EA		7/8" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	51.17 -2.03 -2.54 -3.05	
05 05 23 00-1134	EA		7/8" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	51.55 -2.07 -2.59 -3.11	
05 05 23 00-1135	EA		7/8" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	53.83 -2.07 -2.59 -3.11	
05 05 23 00-1136	EA		7/8" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	73.13 -2.07 -2.59 -3.11	
05 05 23 00-1137	EA		7/8" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	81.84 -2.11 -2.64 -3.16	
05 05 23 00-1138	EA		7/8" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	91.00 -2.11 -2.64 -3.16	
05 05 23 00-1139	EA		7/8" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	95.51 -2.11 -2.64 -3.16	
05 05 23 00-1140	EA		7/8" Diameter x 8-1/2" Length, 316 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	101.57 -2.15 -2.69 -3.22	
05 05 23 00-1141	EA		7/8" Diameter x 9" Length, 316 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	105.49 -2.15 -2.69 -3.22	
05 05 23 00-1142	EA		7/8" Diameter x 9-1/2" Length, 316 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	109.38 -2.15 -2.69 -3.22	
05 05 23 00-1143	EA		7/8" Diameter x 10" Length, 316 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	113.76 -2.15 -2.69 -3.22	
05 05 23 00-1144			1" Diameter, 316 Stainless Steel, Hex Head Bolts (05 05 23 00-0989)		

05 Metals**05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

05 05 23 00-1145	EA	1" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	33.86	
		For >100 To 250, Deduct	-1.95	
		For >250 To 500, Deduct	-2.44	
		For >500, Deduct	-2.93	
05 05 23 00-1146	EA	1" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	39.63	
		For >100 To 250, Deduct	-1.99	
		For >250 To 500, Deduct	-2.49	
		For >500, Deduct	-2.99	
05 05 23 00-1147	EA	1" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	43.36	
		For >100 To 250, Deduct	-1.99	
		For >250 To 500, Deduct	-2.49	
		For >500, Deduct	-2.99	
05 05 23 00-1148	EA	1" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	49.32	
		For >100 To 250, Deduct	-1.99	
		For >250 To 500, Deduct	-2.49	
		For >500, Deduct	-2.99	
05 05 23 00-1149	EA	1" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	51.64	
		For >100 To 250, Deduct	-2.03	
		For >250 To 500, Deduct	-2.54	
		For >500, Deduct	-3.05	
05 05 23 00-1150	EA	1" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	55.68	
		For >100 To 250, Deduct	-2.03	
		For >250 To 500, Deduct	-2.54	
		For >500, Deduct	-3.05	
05 05 23 00-1151	EA	1" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	59.76	
		For >100 To 250, Deduct	-2.03	
		For >250 To 500, Deduct	-2.54	
		For >500, Deduct	-3.05	
05 05 23 00-1152	EA	1" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	64.07	
		For >100 To 250, Deduct	-2.07	
		For >250 To 500, Deduct	-2.59	
		For >500, Deduct	-3.11	
05 05 23 00-1153	EA	1" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	74.61	
		For >100 To 250, Deduct	-2.07	
		For >250 To 500, Deduct	-2.59	
		For >500, Deduct	-3.11	
05 05 23 00-1154	EA	1" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	85.01	
		For >100 To 250, Deduct	-2.07	
		For >250 To 500, Deduct	-2.59	
		For >500, Deduct	-3.11	
05 05 23 00-1155	EA	1" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt	99.42	
		For >100 To 250, Deduct	-2.11	
		For >250 To 500, Deduct	-2.64	
		For >500, Deduct	-3.16	
05 05 23 00-1156	EA	1" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt	111.37	
		For >100 To 250, Deduct	-2.11	
		For >250 To 500, Deduct	-2.64	
		For >500, Deduct	-3.16	
05 05 23 00-1157	EA	1" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt	113.09	
		For >100 To 250, Deduct	-2.11	
		For >250 To 500, Deduct	-2.64	
		For >500, Deduct	-3.16	
05 05 23 00-1158	EA	1" Diameter x 8-1/2" Length, 316 Stainless Steel, Hex Head Bolt	117.19	
		For >100 To 250, Deduct	-2.15	
		For >250 To 500, Deduct	-2.69	
		For >500, Deduct	-3.22	
05 05 23 00-1159	EA	1" Diameter x 9" Length, 316 Stainless Steel, Hex Head Bolt	118.84	
		For >100 To 250, Deduct	-2.15	
		For >250 To 500, Deduct	-2.69	
		For >500, Deduct	-3.22	
05 05 23 00-1160	EA	1" Diameter x 9-1/2" Length, 316 Stainless Steel, Hex Head Bolt	138.68	
		For >100 To 250, Deduct	-2.15	
		For >250 To 500, Deduct	-2.69	
		For >500, Deduct	-3.22	
05 05 23 00-1161	EA	1" Diameter x 10" Length, 316 Stainless Steel, Hex Head Bolt	157.84	
		For >100 To 250, Deduct	-2.15	
		For >250 To 500, Deduct	-2.69	
		For >500, Deduct	-3.22	
05 05 23 00-1162	Screws (05 05 23)			
05 05 23 00-1163	Teks® 5 Self Drilling Screws (05 05 23 00-1162)			
	Note: Includes Climaseal® finish, self-drill point and tapping threads.			
05 05 23 00-1164	EA	12-24 x 1-1/4", Hex Washer Head, Teks® 5 Self Drilling Screw	3.77	
		For >10 To 50, Deduct	-0.16	
		For >50 To 100, Deduct	-0.34	
		For >100, Deduct	-0.68	
05 05 23 00-1165	EA	12-24 x 1-1/2", Hex Washer Head, Teks® 5 Self Drilling Screw	3.96	
		For >10 To 50, Deduct	-0.16	
		For >50 To 100, Deduct	-0.34	
		For >100, Deduct	-0.69	
05 05 23 00-1166	EA	12-24 x 2", Hex Washer Head, Teks® 5 Self Drilling Screw	4.45	
		For >10 To 50, Deduct	-0.17	
		For >50 To 100, Deduct	-0.37	
		For >100, Deduct	-0.74	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1167	EA	1/4" x 3", 28 TPI, Hex Washer Head, Teks® 5 Self Drilling Screw	.....	6.20	
		For >10 To 50, Deduct	.....	-0.22	
		For >50 To 100, Deduct	.....	-0.48	
		For >100, Deduct	.....	-0.96	
05 05 23 00-1168	EA	1/4" x 4", 28 TPI, Hex Washer Head, Teks® 5 Self Drilling Screw	.....	6.63	
		For >10 To 50, Deduct	.....	-0.23	
		For >50 To 100, Deduct	.....	-0.51	
		For >100, Deduct	.....	-1.01	
05 05 23 00-1169	EA	1/4" x 6", 28 TPI, Hex Washer Head, Teks® 5 Self Drilling Screw	.....	8.35	
		For >10 To 50, Deduct	.....	-0.24	
		For >50 To 100, Deduct	.....	-0.57	
		For >100, Deduct	.....	-1.13	
05 05 23 00-1170	EA	1/4" x 8", 28 TPI, Hex Washer Head, Teks® 5 Self Drilling Screw	.....	9.40	
		For >10 To 50, Deduct	.....	-0.25	
		For >50 To 100, Deduct	.....	-0.61	
		For >100, Deduct	.....	-1.22	
05 05 23 00-1171		Security Screws (05 05 23 00-1162)			
05 05 23 00-1172		304/18-8 Stainless Steel, Security Screws (05 05 23 00-1171)			
		Note: Includes "security" style drive in machine or sheet metal screw threads.			
05 05 23 00-1173	EA	#4 Diameter x 1/2" Length, 304/18-8 Stainless Steel, Security Screws	.....	2.94	
		For >10 To 50, Deduct	.....	-0.14	
		For >50 To 100, Deduct	.....	-0.28	
		For >100, Deduct	.....	-0.56	
05 05 23 00-1174	EA	#6 Diameter x 1/2" Length, 304/18-8 Stainless Steel, Security Screw	.....	3.50	
		For >10 To 50, Deduct	.....	-0.14	
		For >50 To 100, Deduct	.....	-0.29	
		For >100, Deduct	.....	-0.58	
05 05 23 00-1175	EA	#6 Diameter x 1" Length, 304/18-8 Stainless Steel, Security Screw	.....	3.98	
		For >10 To 50, Deduct	.....	-0.14	
		For >50 To 100, Deduct	.....	-0.30	
		For >100, Deduct	.....	-0.61	
05 05 23 00-1176	EA	#6 Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Security Screw	.....	4.15	
		For >10 To 50, Deduct	.....	-0.14	
		For >50 To 100, Deduct	.....	-0.31	
		For >100, Deduct	.....	-0.62	
05 05 23 00-1177	EA	#6 Diameter x 2" Length, 304/18-8 Stainless Steel, Security Screw	.....	4.46	
		For >10 To 50, Deduct	.....	-0.14	
		For >50 To 100, Deduct	.....	-0.32	
		For >100, Deduct	.....	-0.63	
05 05 23 00-1178	EA	#8 Diameter x 1/2" Length, 304/18-8 Stainless Steel, Security Screw	.....	3.63	
		For >10 To 50, Deduct	.....	-0.14	
		For >50 To 100, Deduct	.....	-0.30	
		For >100, Deduct	.....	-0.59	
05 05 23 00-1179	EA	#8 Diameter x 1" Length, 304/18-8 Stainless Steel, Security Screw	.....	3.86	
		For >10 To 50, Deduct	.....	-0.14	
		For >50 To 100, Deduct	.....	-0.30	
		For >100, Deduct	.....	-0.60	
05 05 23 00-1180	EA	#8 Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Security Screw	.....	4.33	
		For >10 To 50, Deduct	.....	-0.14	
		For >50 To 100, Deduct	.....	-0.31	
		For >100, Deduct	.....	-0.63	
05 05 23 00-1181	EA	#8 Diameter x 2" Length, 304/18-8 Stainless Steel, Security Screw	.....	4.48	
		For >10 To 50, Deduct	.....	-0.14	
		For >50 To 100, Deduct	.....	-0.32	
		For >100, Deduct	.....	-0.63	
05 05 23 00-1182	EA	#10 Diameter x 1/2" Length, 304/18-8 Stainless Steel, Security Screw	.....	3.77	
		For >10 To 50, Deduct	.....	-0.14	
		For >50 To 100, Deduct	.....	-0.30	
		For >100, Deduct	.....	-0.60	
05 05 23 00-1183	EA	#10 Diameter x 1" Length, 304/18-8 Stainless Steel, Security Screw	.....	3.83	
		For >10 To 50, Deduct	.....	-0.14	
		For >50 To 100, Deduct	.....	-0.30	
		For >100, Deduct	.....	-0.60	
05 05 23 00-1184	EA	#10 Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Security Screw	.....	4.04	
		For >10 To 50, Deduct	.....	-0.14	
		For >50 To 100, Deduct	.....	-0.31	
		For >100, Deduct	.....	-0.61	
05 05 23 00-1185	EA	#10 Diameter x 2" Length, 304/18-8 Stainless Steel, Security Screw	.....	4.69	
		For >10 To 50, Deduct	.....	-0.14	
		For >50 To 100, Deduct	.....	-0.32	
		For >100, Deduct	.....	-0.64	
05 05 23 00-1186	EA	1/4" Diameter x 1/2" Length, 304/18-8 Stainless Steel, Security Screw	.....	4.15	
		For >10 To 50, Deduct	.....	-0.14	
		For >50 To 100, Deduct	.....	-0.31	
		For >100, Deduct	.....	-0.62	
05 05 23 00-1187	EA	1/4" Diameter x 1" Length, 304/18-8 Stainless Steel, Security Screw	.....	4.29	
		For >10 To 50, Deduct	.....	-0.14	
		For >50 To 100, Deduct	.....	-0.31	
		For >100, Deduct	.....	-0.62	
05 05 23 00-1188	EA	1/4" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Security Screw	.....	4.92	
		For >10 To 50, Deduct	.....	-0.14	
		For >50 To 100, Deduct	.....	-0.33	
		For >100, Deduct	.....	-0.66	

05 Metals**05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

05 05 23 00-1189 EA 1/4" Diameter x 2" Length, 304/18-8 Stainless Steel, Security Screw.....5.90
For >10 To 50, Deduct -0.14
For >50 To 100, Deduct -0.35
For >100, Deduct -0.70

05 05 23 00-1190 Threaded Rod (05 05 23)

Note: Fully threaded. See CSI section 05 05 19 00-0169 for anchoring adhesive, 05 05 23 00-1283 for nuts and washers.

05 05 23 00-1191 Plain Finish Steel, Low Carbon Threaded Rod (05 05 23 00-1190)

05 05 23 00-1192 LF 1/4" Diameter, Plain Finish Steel, Low Carbon Threaded Rod 3.17 0.54
For Left Hand Threaded Rod, Add 0.21
05 05 23 00-1193 LF 5/16" Diameter, Plain Finish Steel, Low Carbon Threaded Rod 4.34 0.59
For Left Hand Threaded Rod, Add 0.32
05 05 23 00-1194 LF 3/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod 5.06 0.69
For Left Hand Threaded Rod, Add 0.37
05 05 23 00-1195 LF 7/16" Diameter, Plain Finish Steel, Low Carbon Threaded Rod 7.16 0.70
For Left Hand Threaded Rod, Add 0.58
05 05 23 00-1196 LF 1/2" Diameter, Plain Finish Steel, Low Carbon Threaded Rod 7.34 0.73
For Left Hand Threaded Rod, Add 0.59
05 05 23 00-1197 LF 9/16" Diameter, Plain Finish Steel, Low Carbon Threaded Rod 9.33 0.74
For Left Hand Threaded Rod, Add 0.79
05 05 23 00-1198 LF 5/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod 10.63 0.75
For Left Hand Threaded Rod, Add 0.91
05 05 23 00-1199 LF 3/4" Diameter, Plain Finish Steel, Low Carbon Threaded Rod 18.14 0.77
For Left Hand Threaded Rod, Add 1.66
05 05 23 00-1200 LF 7/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod 19.83 0.80
For Left Hand Threaded Rod, Add 1.82
05 05 23 00-1201 LF 1" Diameter, Plain Finish Steel, Low Carbon Threaded Rod 27.41 0.90
For Left Hand Threaded Rod, Add 2.56
05 05 23 00-1202 LF 1-1/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod 34.31 1.00
For Left Hand Threaded Rod, Add 3.23
05 05 23 00-1203 LF 1-1/4" Diameter, Plain Finish Steel, Low Carbon Threaded Rod 45.83 1.09
For Left Hand Threaded Rod, Add 4.36
05 05 23 00-1204 LF 1-3/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod 57.37 1.18
For Left Hand Threaded Rod, Add 5.50
05 05 23 00-1205 LF 1-1/2" Diameter, Plain Finish Steel, Low Carbon Threaded Rod 68.89 1.23
For Left Hand Threaded Rod, Add 6.64
05 05 23 00-1206 LF 1-3/4" Diameter, Plain Finish Steel, Low Carbon Threaded Rod 84.83 1.29
For Left Hand Threaded Rod, Add 8.23
05 05 23 00-1207 LF 2" Diameter, Plain Finish Steel, Low Carbon Threaded Rod 108.81 1.35
For Left Hand Threaded Rod, Add 10.61

05 05 23 00-1208 Zinc Plated Steel, Low Carbon Threaded Rod (05 05 23 00-1190)

05 05 23 00-1209 LF 1/4" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod 3.20 0.54
For Left Hand Threaded Rod, Add 0.21
05 05 23 00-1210 LF 5/16" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod 5.03 0.59
For Left Hand Threaded Rod, Add 0.38
05 05 23 00-1211 LF 3/8" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod 5.58 0.69
For Left Hand Threaded Rod, Add 0.42
05 05 23 00-1212 LF 7/16" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod 8.47 0.70
For Left Hand Threaded Rod, Add 0.71
05 05 23 00-1213 LF 1/2" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod 9.16 0.73
For Left Hand Threaded Rod, Add 0.77
05 05 23 00-1214 LF 9/16" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod 12.32 0.74
For Left Hand Threaded Rod, Add 1.09
05 05 23 00-1215 LF 5/8" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod 13.12 0.75
For Left Hand Threaded Rod, Add 1.16
05 05 23 00-1216 LF 3/4" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod 20.28 0.77
For Left Hand Threaded Rod, Add 1.87
05 05 23 00-1217 LF 7/8" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod 26.57 0.80
For Left Hand Threaded Rod, Add 2.50
05 05 23 00-1218 LF 1" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod 35.91 0.90
For Left Hand Threaded Rod, Add 3.41
05 05 23 00-1219 LF 1-1/8" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod 46.60 1.00
For Left Hand Threaded Rod, Add 4.46
05 05 23 00-1220 LF 1-1/4" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod 55.71 1.09
For Left Hand Threaded Rod, Add 5.35
05 05 23 00-1221 LF 1-3/8" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod 63.50 1.18
For Left Hand Threaded Rod, Add 6.11
05 05 23 00-1222 LF 1-1/2" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod 80.33 1.23
For Left Hand Threaded Rod, Add 7.79
05 05 23 00-1223 LF 1-3/4" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod 99.90 1.29
For Left Hand Threaded Rod, Add 9.73
05 05 23 00-1224 LF 2" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod 146.58 1.35
For Left Hand Threaded Rod, Add 14.39

05 05 23 00-1225 Hot Dipped Galvanized Steel, Low Carbon Threaded Rod (05 05 23 00-1190)

05 05 23 00-1226 LF 3/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod 9.86 0.69
For Left Hand Threaded Rod, Add 0.85



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1227	LF		1/2" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod.....	14.15	0.73
			For Left Hand Threaded Rod, Add	1.27	
05 05 23 00-1228	LF		5/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod.....	19.45	0.75
			For Left Hand Threaded Rod, Add	1.80	
05 05 23 00-1229	LF		3/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod.....	27.09	0.77
			For Left Hand Threaded Rod, Add	2.56	
05 05 23 00-1230	LF		7/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod.....	37.91	0.80
			For Left Hand Threaded Rod, Add	3.63	
05 05 23 00-1231	LF		1" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod.....	49.11	0.90
			For Left Hand Threaded Rod, Add	4.73	
05 05 23 00-1232	LF		1-1/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod.....	64.89	1.00
			For Left Hand Threaded Rod, Add	6.29	
05 05 23 00-1233	LF		1-1/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod.....	85.63	1.09
			For Left Hand Threaded Rod, Add	8.34	
05 05 23 00-1234	LF		1-3/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod.....	95.83	1.18
			For Left Hand Threaded Rod, Add	9.35	
05 05 23 00-1235	LF		1-1/2" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod.....	114.33	1.23
			For Left Hand Threaded Rod, Add	11.19	
05 05 23 00-1236	LF		1-3/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod.....	139.22	1.29
			For Left Hand Threaded Rod, Add	13.66	
05 05 23 00-1237	LF		2" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod.....	244.38	1.35
			For Left Hand Threaded Rod, Add	24.17	
05 05 23 00-1238			304/18-8 Stainless Steel Threaded Rod (05 05 23 00-1190)		
05 05 23 00-1239	LF		1/4" Diameter, 304/18-8 Stainless Steel Threaded Rod.....	4.04	0.54
			For Left Hand Threaded Rod, Add	0.30	
05 05 23 00-1240	LF		5/16" Diameter, 304/18-8 Stainless Steel Threaded Rod.....	6.23	0.59
			For Left Hand Threaded Rod, Add	0.50	
05 05 23 00-1241	LF		3/8" Diameter, 304/18-8 Stainless Steel Threaded Rod.....	8.08	0.69
			For Left Hand Threaded Rod, Add	0.67	
05 05 23 00-1242	LF		7/16" Diameter, 304/18-8 Stainless Steel Threaded Rod.....	11.41	0.70
			For Left Hand Threaded Rod, Add	1.00	
05 05 23 00-1243	LF		1/2" Diameter, 304/18-8 Stainless Steel Threaded Rod.....	13.77	0.73
			For Left Hand Threaded Rod, Add	1.23	
05 05 23 00-1244	LF		9/16" Diameter, 304/18-8 Stainless Steel Threaded Rod.....	20.03	0.74
			For Left Hand Threaded Rod, Add	1.86	
05 05 23 00-1245	LF		5/8" Diameter, 304/18-8 Stainless Steel Threaded Rod.....	20.92	0.75
			For Left Hand Threaded Rod, Add	1.94	
05 05 23 00-1246	LF		3/4" Diameter, 304/18-8 Stainless Steel Threaded Rod.....	29.51	0.77
			For Left Hand Threaded Rod, Add	2.80	
05 05 23 00-1247	LF		7/8" Diameter, 304/18-8 Stainless Steel Threaded Rod.....	40.78	0.80
			For Left Hand Threaded Rod, Add	3.92	
05 05 23 00-1248	LF		1" Diameter, 304/18-8 Stainless Steel Threaded Rod.....	52.40	0.90
			For Left Hand Threaded Rod, Add	5.06	
05 05 23 00-1249	LF		1-1/4" Diameter, 304/18-8 Stainless Steel Threaded Rod.....	111.51	1.09
			For Left Hand Threaded Rod, Add	10.93	
05 05 23 00-1250	LF		1-1/2" Diameter, 304/18-8 Stainless Steel Threaded Rod.....	170.15	1.23
			For Left Hand Threaded Rod, Add	16.77	
05 05 23 00-1251	LF		1-3/4" Diameter, 304/18-8 Stainless Steel Threaded Rod.....	175.01	1.29
			For Left Hand Threaded Rod, Add	17.24	
05 05 23 00-1252	LF		2" Diameter, 304/18-8 Stainless Steel Threaded Rod.....	242.48	1.35
			For Left Hand Threaded Rod, Add	23.98	
05 05 23 00-1253			316 Stainless Steel Threaded Rod (05 05 23 00-1190)		
05 05 23 00-1254	LF		1/4" Diameter, 316 Stainless Steel Threaded Rod.....	6.03	0.54
			For Left Hand Threaded Rod, Add	0.49	
05 05 23 00-1255	LF		5/16" Diameter, 316 Stainless Steel Threaded Rod.....	9.91	0.59
			For Left Hand Threaded Rod, Add	0.87	
05 05 23 00-1256	LF		3/8" Diameter, 316 Stainless Steel Threaded Rod.....	13.23	0.69
			For Left Hand Threaded Rod, Add	1.19	
05 05 23 00-1257	LF		7/16" Diameter, 316 Stainless Steel Threaded Rod.....	20.93	0.70
			For Left Hand Threaded Rod, Add	1.95	
05 05 23 00-1258	LF		1/2" Diameter, 316 Stainless Steel Threaded Rod.....	22.21	0.73
			For Left Hand Threaded Rod, Add	2.08	
05 05 23 00-1259	LF		9/16" Diameter, 316 Stainless Steel Threaded Rod.....	29.30	0.74
			For Left Hand Threaded Rod, Add	2.78	
05 05 23 00-1260	LF		5/8" Diameter, 316 Stainless Steel Threaded Rod.....	31.56	0.75
			For Left Hand Threaded Rod, Add	3.01	
05 05 23 00-1261	LF		3/4" Diameter, 316 Stainless Steel Threaded Rod.....	46.26	0.77
			For Left Hand Threaded Rod, Add	4.47	
05 05 23 00-1262	LF		7/8" Diameter, 316 Stainless Steel Threaded Rod.....	63.52	0.80
			For Left Hand Threaded Rod, Add	6.19	
05 05 23 00-1263	LF		1" Diameter, 316 Stainless Steel Threaded Rod.....	80.46	0.90
			For Left Hand Threaded Rod, Add	7.87	
05 05 23 00-1264	LF		1-1/4" Diameter, 316 Stainless Steel Threaded Rod.....	170.45	1.09
			For Left Hand Threaded Rod, Add	16.82	
05 05 23 00-1265	LF		1-1/2" Diameter, 316 Stainless Steel Threaded Rod.....	223.60	1.23
			For Left Hand Threaded Rod, Add	22.11	
05 05 23 00-1266			Plain Finish Steel, B-7 Alloy Threaded Rod (05 05 23 00-1190)		

05 Metals**05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

MINOR CSI UOM DESCRIPTION			TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1267	LF	1/4" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	6.11	0.54
		<i>For Zinc Plating, Add</i>	2.51	
05 05 23 00-1268	LF	5/16" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	9.79	0.59
		<i>For Zinc Plating, Add</i>	4.30	
05 05 23 00-1269	LF	3/8" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	10.16	0.69
		<i>For Zinc Plating, Add</i>	4.41	
05 05 23 00-1270	LF	7/16" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	11.17	0.70
		<i>For Zinc Plating, Add</i>	4.89	
05 05 23 00-1271	LF	1/2" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	12.38	0.73
		<i>For Zinc Plating, Add</i>	5.47	
05 05 23 00-1272	LF	9/16" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	15.73	0.74
		<i>For Zinc Plating, Add</i>	7.13	
05 05 23 00-1273	LF	5/8" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	16.25	0.75
		<i>For Zinc Plating, Add</i>	7.38	
05 05 23 00-1274	LF	3/4" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	21.94	0.77
		<i>For Zinc Plating, Add</i>	10.20	
05 05 23 00-1275	LF	7/8" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	26.50	0.80
		<i>For Zinc Plating, Add</i>	12.46	
05 05 23 00-1276	LF	1" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	34.59	0.90
		<i>For Zinc Plating, Add</i>	16.40	
05 05 23 00-1277	LF	1-1/8" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	45.29	1.00
		<i>For Zinc Plating, Add</i>	21.64	
05 05 23 00-1278	LF	1-1/4" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	50.39	1.09
		<i>For Zinc Plating, Add</i>	24.07	
05 05 23 00-1279	LF	1-3/8" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	58.36	1.18
		<i>For Zinc Plating, Add</i>	28.00	
05 05 23 00-1280	LF	1-1/2" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	71.30	1.23
		<i>For Zinc Plating, Add</i>	34.42	
05 05 23 00-1281	LF	1-3/4" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	73.68	1.29
		<i>For Zinc Plating, Add</i>	35.55	
05 05 23 00-1282	LF	2" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	99.52	1.35
		<i>For Zinc Plating, Add</i>	48.41	
05 05 23 00-1283	Nuts And Washers (05 05 23)			
05 05 23 00-1284	Hex Nuts (05 05 23 00-1283)			
05 05 23 00-1285	Zinc Plated Steel, Low Carbon/Grade 2 Hex Nuts (05 05 23 00-1284)			
05 05 23 00-1286	EA	1/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	0.62	0.27
05 05 23 00-1287	EA	5/16" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	0.70	0.27
05 05 23 00-1288	EA	3/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	0.74	0.27
05 05 23 00-1289	EA	7/16" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	0.88	0.27
05 05 23 00-1290	EA	1/2" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	0.96	0.27
05 05 23 00-1291	EA	9/16" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	1.32	0.27
05 05 23 00-1292	EA	5/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	1.37	0.27
05 05 23 00-1293	EA	3/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	1.64	0.54
05 05 23 00-1294	EA	7/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	2.48	0.54
05 05 23 00-1295	EA	1" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	3.18	0.54
05 05 23 00-1296	EA	1-1/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	5.31	0.54
05 05 23 00-1297	EA	1-1/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	6.52	0.54
05 05 23 00-1298	EA	1-3/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	9.71	0.54
05 05 23 00-1299	EA	1-1/2" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	11.27	0.82
05 05 23 00-1300	EA	1-3/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	16.68	0.82
05 05 23 00-1301	EA	2" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	24.23	0.82
05 05 23 00-1302	Zinc Plated Steel, Grade 5 Hex Nuts (05 05 23 00-1284)			
05 05 23 00-1303	EA	1/4" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	0.64	0.27
05 05 23 00-1304	EA	5/16" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	0.71	0.27
05 05 23 00-1305	EA	3/8" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	0.77	0.27
05 05 23 00-1306	EA	7/16" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	0.92	0.27
05 05 23 00-1307	EA	1/2" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	1.10	0.27
05 05 23 00-1308	EA	9/16" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	1.36	0.27
05 05 23 00-1309	EA	5/8" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	1.40	0.27
05 05 23 00-1310	EA	3/4" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	1.88	0.54
05 05 23 00-1311	EA	7/8" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	2.72	0.54
05 05 23 00-1312	EA	1" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	3.90	0.54
05 05 23 00-1313	EA	1-1/8" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	6.03	0.54
05 05 23 00-1314	EA	1-1/4" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	8.59	0.54
05 05 23 00-1315	EA	1-3/8" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	12.74	0.54
05 05 23 00-1316	EA	1-1/2" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	14.08	0.82
05 05 23 00-1317	EA	1-3/4" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	25.64	0.82
05 05 23 00-1318	EA	2" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	36.88	0.82
05 05 23 00-1319	Zinc Plated Steel, Grade 8 Hex Nuts (05 05 23 00-1284)			
05 05 23 00-1320	EA	1/4" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	0.66	0.27
05 05 23 00-1321	EA	5/16" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	0.77	0.27
05 05 23 00-1322	EA	3/8" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	0.83	0.27
05 05 23 00-1323	EA	7/16" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	1.08	0.27
05 05 23 00-1324	EA	1/2" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	1.31	0.27



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1325	EA		9/16" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	1.60	0.27
05 05 23 00-1326	EA		5/8" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	1.84	0.27
05 05 23 00-1327	EA		3/4" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	2.32	0.54
05 05 23 00-1328	EA		7/8" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	3.56	0.54
05 05 23 00-1329	EA		1" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	4.79	0.54
05 05 23 00-1330	EA		1-1/8" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	7.59	0.54
05 05 23 00-1331	EA		1-1/4" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	9.50	0.54
05 05 23 00-1332	EA		1-3/8" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	15.80	0.54
05 05 23 00-1333	EA		1-1/2" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	16.77	0.82
05 05 23 00-1334	EA		1-3/4" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	25.71	0.82
05 05 23 00-1335	EA		2" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	36.47	0.82
05 05 23 00-1336 Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nuts (05 05 23 00-1284)					
05 05 23 00-1337	EA		1/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	0.66	0.27
05 05 23 00-1338	EA		5/16" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	0.75	0.27
05 05 23 00-1339	EA		3/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	0.81	0.27
05 05 23 00-1340	EA		7/16" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	1.05	0.27
05 05 23 00-1341	EA		1/2" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	1.22	0.27
05 05 23 00-1342	EA		9/16" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	1.38	0.27
05 05 23 00-1343	EA		5/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	1.54	0.27
05 05 23 00-1344	EA		3/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	2.10	0.54
05 05 23 00-1345	EA		7/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	3.12	0.54
05 05 23 00-1346	EA		1" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	4.36	0.54
05 05 23 00-1347	EA		1-1/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	7.33	0.54
05 05 23 00-1348	EA		1-1/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	9.43	0.54
05 05 23 00-1349	EA		1-3/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	14.13	0.54
05 05 23 00-1350	EA		1-1/2" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	16.51	0.82
05 05 23 00-1351	EA		1-3/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	29.00	0.82
05 05 23 00-1352	EA		2" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	50.38	0.82
05 05 23 00-1353 304 Stainless Steel Hex Nuts (05 05 23 00-1284)					
05 05 23 00-1354	EA		1/4" Diameter, 304 Stainless Steel Hex Nut	0.78	0.27
05 05 23 00-1355	EA		5/16" Diameter, 304 Stainless Steel Hex Nut	0.95	0.27
05 05 23 00-1356	EA		3/8" Diameter, 304 Stainless Steel Hex Nut	1.07	0.27
05 05 23 00-1357	EA		7/16" Diameter, 304 Stainless Steel Hex Nut	1.72	0.27
05 05 23 00-1358	EA		1/2" Diameter, 304 Stainless Steel Hex Nut	1.86	0.27
05 05 23 00-1359	EA		9/16" Diameter, 304 Stainless Steel Hex Nut	2.98	0.27
05 05 23 00-1360	EA		5/8" Diameter, 304 Stainless Steel Hex Nut	3.35	0.27
05 05 23 00-1361	EA		3/4" Diameter, 304 Stainless Steel Hex Nut	3.88	0.54
05 05 23 00-1362	EA		7/8" Diameter, 304 Stainless Steel Hex Nut	6.55	0.54
05 05 23 00-1363	EA		1" Diameter, 304 Stainless Steel Hex Nut	10.15	0.54
05 05 23 00-1364	EA		1-1/4" Diameter, 304 Stainless Steel Hex Nut	24.80	0.54
05 05 23 00-1365	EA		1-1/2" Diameter, 304 Stainless Steel Hex Nut	48.05	0.82
05 05 23 00-1366	EA		1-3/4" Diameter, 304 Stainless Steel Hex Nut	84.87	0.82
05 05 23 00-1367	EA		2" Diameter, 304 Stainless Steel Hex Nut	121.18	0.82
05 05 23 00-1368 316 Stainless Steel Hex Nuts (05 05 23 00-1284)					
05 05 23 00-1369	EA		1/4" Diameter, 316 Stainless Steel Hex Nut	0.95	0.27
05 05 23 00-1370	EA		5/16" Diameter, 316 Stainless Steel Hex Nut	1.09	0.27
05 05 23 00-1371	EA		3/8" Diameter, 316 Stainless Steel Hex Nut	1.33	0.27
05 05 23 00-1372	EA		7/16" Diameter, 316 Stainless Steel Hex Nut	2.34	0.27
05 05 23 00-1373	EA		1/2" Diameter, 316 Stainless Steel Hex Nut	2.51	0.27
05 05 23 00-1374	EA		9/16" Diameter, 316 Stainless Steel Hex Nut	3.52	0.27
05 05 23 00-1375	EA		5/8" Diameter, 316 Stainless Steel Hex Nut	4.01	0.27
05 05 23 00-1376	EA		3/4" Diameter, 316 Stainless Steel Hex Nut	5.69	0.54
05 05 23 00-1377	EA		7/8" Diameter, 316 Stainless Steel Hex Nut	8.04	0.54
05 05 23 00-1378	EA		1" Diameter, 316 Stainless Steel Hex Nut	12.51	0.54
05 05 23 00-1379	EA		1-1/4" Diameter, 316 Stainless Steel Hex Nut	38.73	0.54
05 05 23 00-1380	EA		1-1/2" Diameter, 316 Stainless Steel Hex Nut	62.90	0.82
05 05 23 00-1381	EA		1-3/4" Diameter, 316 Stainless Steel Hex Nut	106.49	0.82
05 05 23 00-1382	EA		2" Diameter, 316 Stainless Steel Hex Nut	198.43	0.82
05 05 23 00-1383 Flat Washers (05 05 23 00-1283)					
05 05 23 00-1384 Zinc Plated Steel, Low Carbon Flat Washers (05 05 23 00-1383)					
05 05 23 00-1385	EA		1/4" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.05	
05 05 23 00-1386	EA		5/16" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.09	
05 05 23 00-1387	EA		3/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.16	
05 05 23 00-1388	EA		7/16" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.24	
05 05 23 00-1389	EA		1/2" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.34	
05 05 23 00-1390	EA		9/16" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.39	
05 05 23 00-1391	EA		5/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.66	
05 05 23 00-1392	EA		3/4" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.95	
05 05 23 00-1393	EA		7/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.13	
05 05 23 00-1394	EA		1" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.39	
05 05 23 00-1395	EA		1-1/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.57	
05 05 23 00-1396	EA		1-1/4" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.88	

05 Metals**05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

05 05 23 00-1397	EA	1-3/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer.....	2.95
05 05 23 00-1398	EA	1-1/2" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer.....	3.02
05 05 23 00-1399	EA	1-3/4" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer.....	4.47
05 05 23 00-1400	EA	2" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer.....	5.56

05 05 23 00-1401 Zinc Plated Steel, Hardened Flat Washers (05 05 23 00-1383)

05 05 23 00-1402	EA	1/4" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....	0.20
05 05 23 00-1403	EA	5/16" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....	0.28
05 05 23 00-1404	EA	3/8" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....	0.32
05 05 23 00-1405	EA	7/16" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....	0.44
05 05 23 00-1406	EA	1/2" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....	0.59
05 05 23 00-1407	EA	9/16" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....	0.95
05 05 23 00-1408	EA	5/8" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....	1.36
05 05 23 00-1409	EA	3/4" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....	1.92
05 05 23 00-1410	EA	7/8" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....	3.21
05 05 23 00-1411	EA	1" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....	3.56
05 05 23 00-1412	EA	1-1/8" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....	5.18
05 05 23 00-1413	EA	1-1/4" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....	5.65
05 05 23 00-1414	EA	1-3/8" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....	7.45
05 05 23 00-1415	EA	1-1/2" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....	8.52
05 05 23 00-1416	EA	1-3/4" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....	11.45
05 05 23 00-1417	EA	2" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....	13.74

05 05 23 00-1418 Hot Dipped Galvanized Steel Flat Washers (05 05 23 00-1383)

05 05 23 00-1419	EA	1/4" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer.....	0.13
05 05 23 00-1420	EA	5/16" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer.....	0.19
05 05 23 00-1421	EA	3/8" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer.....	0.21
05 05 23 00-1422	EA	7/16" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer.....	0.40
05 05 23 00-1423	EA	1/2" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer.....	0.51
05 05 23 00-1424	EA	9/16" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer.....	0.84
05 05 23 00-1425	EA	5/8" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer.....	0.94
05 05 23 00-1426	EA	3/4" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer.....	1.42
05 05 23 00-1427	EA	7/8" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer.....	2.00
05 05 23 00-1428	EA	1" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer.....	2.20
05 05 23 00-1429	EA	1-1/8" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer.....	3.36
05 05 23 00-1430	EA	1-1/4" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer.....	3.74
05 05 23 00-1431	EA	1-3/8" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer.....	5.34
05 05 23 00-1432	EA	1-1/2" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer.....	5.79
05 05 23 00-1433	EA	1-3/4" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer.....	8.40

05 05 23 00-1434 304/18-8 Stainless Steel Flat Washers (05 05 23 00-1383)

05 05 23 00-1435	EA	1/4" Inside Diameter, 304/18-8 Stainless Steel Flat Washer.....	0.18
05 05 23 00-1436	EA	5/16" Inside Diameter, 304/18-8 Stainless Steel Flat Washer.....	0.25
05 05 23 00-1437	EA	3/8" Inside Diameter, 304/18-8 Stainless Steel Flat Washer.....	0.35
05 05 23 00-1438	EA	7/16" Inside Diameter, 304/18-8 Stainless Steel Flat Washer.....	0.64
05 05 23 00-1439	EA	1/2" Inside Diameter, 304/18-8 Stainless Steel Flat Washer.....	1.17
05 05 23 00-1440	EA	9/16" Inside Diameter, 304/18-8 Stainless Steel Flat Washer.....	1.46
05 05 23 00-1441	EA	5/8" Inside Diameter, 304/18-8 Stainless Steel Flat Washer.....	2.15
05 05 23 00-1442	EA	3/4" Inside Diameter, 304/18-8 Stainless Steel Flat Washer.....	2.19
05 05 23 00-1443	EA	7/8" Inside Diameter, 304/18-8 Stainless Steel Flat Washer.....	4.61
05 05 23 00-1444	EA	1" Inside Diameter, 304/18-8 Stainless Steel Flat Washer.....	5.84
05 05 23 00-1445	EA	1-1/8" Inside Diameter, 304/18-8 Stainless Steel Flat Washer.....	6.80
05 05 23 00-1446	EA	1-1/4" Inside Diameter, 304/18-8 Stainless Steel Flat Washer.....	7.32
05 05 23 00-1447	EA	1-3/8" Inside Diameter, 304/18-8 Stainless Steel Flat Washer.....	7.74
05 05 23 00-1448	EA	1-1/2" Inside Diameter, 304/18-8 Stainless Steel Flat Washer.....	9.43
05 05 23 00-1449	EA	1-3/4" Inside Diameter, 304/18-8 Stainless Steel Flat Washer.....	11.72
05 05 23 00-1450	EA	2" Inside Diameter, 304/18-8 Stainless Steel Flat Washer.....	23.03

05 05 23 00-1451 316 Stainless Steel Flat Washers (05 05 23 00-1383)

05 05 23 00-1452	EA	1/4" Inside Diameter, 316 Stainless Steel Flat Washer.....	0.36
05 05 23 00-1453	EA	5/16" Inside Diameter, 316 Stainless Steel Flat Washer.....	0.39
05 05 23 00-1454	EA	3/8" Inside Diameter, 316 Stainless Steel Flat Washer.....	0.70
05 05 23 00-1455	EA	7/16" Inside Diameter, 316 Stainless Steel Flat Washer.....	0.82
05 05 23 00-1456	EA	1/2" Inside Diameter, 316 Stainless Steel Flat Washer.....	1.52
05 05 23 00-1457	EA	9/16" Inside Diameter, 316 Stainless Steel Flat Washer.....	2.73
05 05 23 00-1458	EA	5/8" Inside Diameter, 316 Stainless Steel Flat Washer.....	3.22
05 05 23 00-1459	EA	3/4" Inside Diameter, 316 Stainless Steel Flat Washer.....	4.06
05 05 23 00-1460	EA	7/8" Inside Diameter, 316 Stainless Steel Flat Washer.....	6.29
05 05 23 00-1461	EA	1" Inside Diameter, 316 Stainless Steel Flat Washer.....	7.03
05 05 23 00-1462	EA	1-1/8" Inside Diameter, 316 Stainless Steel Flat Washer.....	8.01
05 05 23 00-1463	EA	1-1/4" Inside Diameter, 316 Stainless Steel Flat Washer.....	9.86
05 05 23 00-1464	EA	1-3/8" Inside Diameter, 316 Stainless Steel Flat Washer.....	10.43
05 05 23 00-1465	EA	1-1/2" Inside Diameter, 316 Stainless Steel Flat Washer.....	10.66
05 05 23 00-1466	EA	1-3/4" Inside Diameter, 316 Stainless Steel Flat Washer.....	15.63



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1467 Lock Washers (05 05 23 00-1283)		
05 05 23 00-1468 Zinc Plated Steel, Low Carbon Lock Washers (05 05 23 00-1467)		
05 05 23 00-1469 EA 1/4" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.02	
05 05 23 00-1470 EA 5/16" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.04	
05 05 23 00-1471 EA 3/8" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.06	
05 05 23 00-1472 EA 7/16" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.10	
05 05 23 00-1473 EA 1/2" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.13	
05 05 23 00-1474 EA 9/16" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.22	
05 05 23 00-1475 EA 5/8" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.25	
05 05 23 00-1476 EA 3/4" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.38	
05 05 23 00-1477 EA 7/8" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.63	
05 05 23 00-1478 EA 1" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	1.14	
05 05 23 00-1479 EA 1-1/8" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	1.66	
05 05 23 00-1480 EA 1-1/4" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	2.55	
05 05 23 00-1481 EA 1-3/8" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	4.03	
05 05 23 00-1482 EA 1-1/2" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	4.75	
05 05 23 00-1483 EA 1-3/4" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	8.47	
05 05 23 00-1484 EA 2" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	9.54	
05 05 23 00-1485 Hot Dipped Galvanized Steel Lock Washers (05 05 23 00-1467)		
05 05 23 00-1486 EA 1/4" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	0.10	
05 05 23 00-1487 EA 5/16" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	0.12	
05 05 23 00-1488 EA 3/8" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	0.16	
05 05 23 00-1489 EA 7/16" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	0.18	
05 05 23 00-1490 EA 1/2" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	0.28	
05 05 23 00-1491 EA 9/16" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	0.37	
05 05 23 00-1492 EA 5/8" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	0.44	
05 05 23 00-1493 EA 3/4" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	0.73	
05 05 23 00-1494 EA 7/8" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	1.05	
05 05 23 00-1495 EA 1" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	1.66	
05 05 23 00-1496 EA 1-1/8" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	3.01	
05 05 23 00-1497 EA 1-1/4" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	3.59	
05 05 23 00-1498 EA 1-3/8" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	5.18	
05 05 23 00-1499 EA 1-1/2" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	5.92	
05 05 23 00-1500 EA 1-3/4" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	8.01	
05 05 23 00-1501 EA 2" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	10.91	
05 05 23 00-1502 304/18-8 Stainless Steel Lock Washers (05 05 23 00-1467)		
05 05 23 00-1503 EA 1/4" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	0.15	
05 05 23 00-1504 EA 5/16" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	0.21	
05 05 23 00-1505 EA 3/8" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	0.30	
05 05 23 00-1506 EA 7/16" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	0.56	
05 05 23 00-1507 EA 1/2" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	0.62	
05 05 23 00-1508 EA 9/16" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	1.51	
05 05 23 00-1509 EA 5/8" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	1.78	
05 05 23 00-1510 EA 3/4" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	2.07	
05 05 23 00-1511 EA 7/8" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	3.75	
05 05 23 00-1512 EA 1" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	5.29	
05 05 23 00-1513 EA 1-1/8" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	9.24	
05 05 23 00-1514 EA 1-1/4" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	12.29	
05 05 23 00-1515 EA 1-3/8" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	15.63	
05 05 23 00-1516 EA 1-1/2" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	18.75	
05 05 23 00-1517 316 Stainless Steel Lock Washers (05 05 23 00-1467)		
05 05 23 00-1518 EA 1/4" Inside Diameter, 316 Stainless Steel Lock Washer	0.19	
05 05 23 00-1519 EA 5/16" Inside Diameter, 316 Stainless Steel Lock Washer	0.41	
05 05 23 00-1520 EA 3/8" Inside Diameter, 316 Stainless Steel Lock Washer	0.47	
05 05 23 00-1521 EA 7/16" Inside Diameter, 316 Stainless Steel Lock Washer	0.81	
05 05 23 00-1522 EA 1/2" Inside Diameter, 316 Stainless Steel Lock Washer	0.90	
05 05 23 00-1523 EA 9/16" Inside Diameter, 316 Stainless Steel Lock Washer	1.61	
05 05 23 00-1524 EA 5/8" Inside Diameter, 316 Stainless Steel Lock Washer	1.76	
05 05 23 00-1525 EA 3/4" Inside Diameter, 316 Stainless Steel Lock Washer	3.05	
05 05 23 00-1526 EA 7/8" Inside Diameter, 316 Stainless Steel Lock Washer	5.04	
05 05 23 00-1527 EA 1" Inside Diameter, 316 Stainless Steel Lock Washer	6.86	
05 05 23 00-1528 EA 1-1/8" Inside Diameter, 316 Stainless Steel Lock Washer	9.57	
05 05 23 00-1529 EA 1-1/4" Inside Diameter, 316 Stainless Steel Lock Washer	14.73	
05 05 23 00-1530 EA 1-3/8" Inside Diameter, 316 Stainless Steel Lock Washer	26.37	
05 05 23 00-1531 EA 1-1/2" Inside Diameter, 316 Stainless Steel Lock Washer	29.28	
05 05 23 00-1532 Load Indicating Washers (05 05 23 00-1283)		
05 05 23 00-1533 A325, Direct Tension Indicator, Load Indicating Washers (ASTM F959) (05 05 23 00-1532)		
05 05 23 00-1534 Plain Finish, A325, Direct Tension Indicator, Load Indicating Washers (ASTM F959) (05 05 23 00-1533)		

05 Metals**05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1535 EA 1/2", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959).....	2.76	
05 05 23 00-1536 EA 5/8", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959).....	3.13	
05 05 23 00-1537 EA 3/4", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959).....	3.37	
05 05 23 00-1538 EA 7/8", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959).....	3.83	
05 05 23 00-1539 EA 1", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959).....	4.63	
05 05 23 00-1540 EA 1-1/8", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959).....	7.69	
05 05 23 00-1541 EA 1-1/4", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959).....	9.94	
05 05 23 00-1542 EA 1-3/8", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959).....	12.69	
05 05 23 00-1543 EA 1-1/2", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959).....	13.95	
05 05 23 00-1544 Galvanized, A325, Direct Tension Indicator, Load Indicating Washers (ASTM F959) (05 05 23 00-1533)		
05 05 23 00-1545 EA 1/2", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959).....	3.50	
05 05 23 00-1546 EA 5/8", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959).....	3.89	
05 05 23 00-1547 EA 3/4", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959).....	3.79	
05 05 23 00-1548 EA 7/8", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959).....	4.63	
05 05 23 00-1549 EA 1", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959).....	5.48	
05 05 23 00-1550 EA 1-1/8", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959).....	8.26	
05 05 23 00-1551 EA 1-1/4", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959).....	10.40	
05 05 23 00-1552 EA 1-3/8", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959).....	14.79	
05 05 23 00-1553 EA 1-1/2", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959).....	16.27	
05 05 23 00-1554 Beveled Washers (05 05 23 00-1283)		
05 05 23 00-1555 Plain Finish, Square Beveled Structural Washers (ASTM F436) (05 05 23 00-1554)		
05 05 23 00-1556 EA 1/2", Plain Finish, Square Beveled Structural Washer (ASTM F436).....	4.56	
05 05 23 00-1557 EA 5/8", Plain Finish, Square Beveled Structural Washer (ASTM F436).....	4.66	
05 05 23 00-1558 EA 3/4", Plain Finish, Square Beveled Structural Washer (ASTM F436).....	4.76	
05 05 23 00-1559 EA 7/8", Plain Finish, Square Beveled Structural Washer (ASTM F436).....	5.79	
05 05 23 00-1560 EA 1", Plain Finish, Square Beveled Structural Washer (ASTM F436).....	6.09	
05 05 23 00-1561 Galvanized, Square Beveled Structural Washers (ASTM F436) (05 05 23 00-1554)		
05 05 23 00-1562 EA 1/2", Galvanized, Square Beveled Structural Washer (ASTM F436).....	6.56	
05 05 23 00-1563 EA 5/8", Galvanized, Square Beveled Structural Washer (ASTM F436).....	6.85	
05 05 23 00-1564 EA 3/4", Galvanized, Square Beveled Structural Washer (ASTM F436).....	6.85	
05 05 23 00-1565 EA 7/8", Galvanized, Square Beveled Structural Washer (ASTM F436).....	7.25	
05 05 23 00-1566 EA 1", Galvanized, Square Beveled Structural Washer (ASTM F436).....	7.71	
05 05 23 00-1567 Drilling In Existing Steel Plates (05 05 23)		
05 05 23 00-1568 EA Up To 1/2" Diameter Drill Through Up To 1/4" Steel Plate.....	23.18	
For Aluminum, Deduct	-2.32	
For Stainless Steel, Add	2.90	
For >5 To 10, Deduct	-2.32	
For >10 To 25, Deduct	-5.80	
For >25 To 50, Deduct	-8.11	
For >50, Deduct	-11.59	
05 05 23 00-1569 EA >1/2" To 7/8" Diameter Drill Through Up To 1/4" Steel Plate.....	27.28	
For Aluminum, Deduct	-2.73	
For Stainless Steel, Add	3.41	
For >5 To 10, Deduct	-2.73	
For >10 To 25, Deduct	-6.82	
For >25 To 50, Deduct	-9.55	
For >50, Deduct	-13.64	
05 05 23 00-1570 EA >7/8" To 1-1/2" Diameter Drill Through Up To 1/4" Steel Plate.....	32.73	
For Aluminum, Deduct	-3.27	
For Stainless Steel, Add	4.09	
For >5 To 10, Deduct	-3.27	
For >10 To 25, Deduct	-8.18	
For >25 To 50, Deduct	-11.46	
For >50, Deduct	-16.37	
05 05 23 00-1571 EA >1-1/2" To 4" Diameter Drill Through Up To 1/4" Steel Plate.....	38.18	
For Aluminum, Deduct	-3.82	
For Stainless Steel, Add	4.77	
For >5 To 10, Deduct	-3.82	
For >10 To 25, Deduct	-9.55	
For >25 To 50, Deduct	-13.36	
For >50, Deduct	-19.09	
05 05 23 00-1572 EA >4" To 10" Diameter Drill Through Up To 1/4" Steel Plate.....	51.15	
For Aluminum, Deduct	-5.12	
For Stainless Steel, Add	6.39	
For >5 To 10, Deduct	-5.12	
For >10 To 25, Deduct	-12.79	
For >25 To 50, Deduct	-17.90	
For >50, Deduct	-25.58	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1573	EA		Up To 1/2" Diameter Drill Through >1/4" To 1/2" Steel Plate.....	27.28	
			For Aluminum, Deduct	-2.73	
			For Stainless Steel, Add	3.41	
			For >5 To 10, Deduct	-2.73	
			For >10 To 25, Deduct	-6.82	
			For >25 To 50, Deduct	-9.55	
			For >50, Deduct	-13.64	
05 05 23 00-1574	EA		>1/2" To 7/8" Diameter Drill Through >1/4" To 1/2" Steel Plate.....	34.10	
			For Aluminum, Deduct	-3.41	
			For Stainless Steel, Add	4.26	
			For >5 To 10, Deduct	-3.41	
			For >10 To 25, Deduct	-8.53	
			For >25 To 50, Deduct	-11.94	
			For >50, Deduct	-17.05	
05 05 23 00-1575	EA		>7/8" To 1-1/2" Diameter Drill Through >1/4" To 1/2" Steel Plate.....	40.91	
			For Aluminum, Deduct	-4.09	
			For Stainless Steel, Add	5.11	
			For >5 To 10, Deduct	-4.09	
			For >10 To 25, Deduct	-10.23	
			For >25 To 50, Deduct	-14.32	
			For >50, Deduct	-20.46	
05 05 23 00-1576	EA		>1-1/2" To 4" Diameter Drill Through >1/4" To 1/2" Steel Plate.....	51.15	
			For Aluminum, Deduct	-5.12	
			For Stainless Steel, Add	6.39	
			For >5 To 10, Deduct	-5.12	
			For >10 To 25, Deduct	-12.79	
			For >25 To 50, Deduct	-17.90	
			For >50, Deduct	-25.58	
05 05 23 00-1577	EA		Up To 1/2" Diameter Drill Through >1/2" To 1" Steel Plate.....	34.10	
			For Aluminum, Deduct	-3.41	
			For Stainless Steel, Add	4.26	
			For >5 To 10, Deduct	-3.41	
			For >10 To 25, Deduct	-8.53	
			For >25 To 50, Deduct	-11.94	
			For >50, Deduct	-17.05	
05 05 23 00-1578	EA		>1/2" To 7/8" Diameter Drill Through >1/2" To 1" Steel Plate.....	45.01	
			For Aluminum, Deduct	-4.50	
			For Stainless Steel, Add	5.63	
			For >5 To 10, Deduct	-4.50	
			For >10 To 25, Deduct	-11.25	
			For >25 To 50, Deduct	-15.75	
			For >50, Deduct	-22.51	
05 05 23 00-1579	EA		>7/8" To 1-1/2" Diameter Drill Through >1/2" To 1" Steel Plate.....	54.55	
			For Aluminum, Deduct	-5.46	
			For Stainless Steel, Add	6.82	
			For >5 To 10, Deduct	-5.46	
			For >10 To 25, Deduct	-13.64	
			For >25 To 50, Deduct	-19.09	
			For >50, Deduct	-27.28	
05 05 23 00-1580			Welded Stud Anchors (05 05 23)		
05 05 23 00-1581	EA		1-1/8" Long x 1/4" Diameter, Welded Stud Concrete Anchors.....	4.69	
05 05 23 00-1582	EA		2-11/16" Long x 1/4" Diameter, Welded Stud Concrete Anchors.....	4.80	
05 05 23 00-1583	EA		3-1/8" Long x 1/4" Diameter, Welded Stud Concrete Anchors.....	4.85	
05 05 23 00-1584	EA		4-1/8" Long x 1/4" Diameter, Welded Stud Concrete Anchors.....	4.89	
05 05 23 00-1585	EA		1-3/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors.....	4.57	
05 05 23 00-1586	EA		1-5/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors.....	4.84	
05 05 23 00-1587	EA		2-1/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors.....	5.11	
05 05 23 00-1588	EA		2-5/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors.....	5.25	
05 05 23 00-1589	EA		3-1/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors.....	5.39	
05 05 23 00-1590	EA		4-1/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors.....	5.95	
05 05 23 00-1591	EA		5-1/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors.....	6.41	
05 05 23 00-1592	EA		6-1/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors.....	6.78	
05 05 23 00-1593	EA		1-1/2" Long x 1/2" Diameter, Welded Stud Concrete Anchors.....	5.65	
05 05 23 00-1594	EA		1-5/8" Long x 1/2" Diameter, Welded Stud Concrete Anchors.....	5.69	
05 05 23 00-1595	EA		2-1/8" Long x 1/2" Diameter, Welded Stud Concrete Anchors.....	6.11	
05 05 23 00-1596	EA		2-5/8" Long x 1/2" Diameter, Welded Stud Concrete Anchors.....	6.51	
05 05 23 00-1597	EA		3-1/8" Long x 1/2" Diameter, Welded Stud Concrete Anchors.....	7.00	
05 05 23 00-1598	EA		4-1/8" Long x 1/2" Diameter, Welded Stud Concrete Anchors.....	7.76	
05 05 23 00-1599	EA		5-5/16" Long x 1/2" Diameter, Welded Stud Concrete Anchors.....	8.25	
05 05 23 00-1600	EA		6-1/8" Long x 1/2" Diameter, Welded Stud Concrete Anchors.....	9.59	
05 05 23 00-1601	EA		8-1/8" Long x 1/2" Diameter, Welded Stud Concrete Anchors.....	12.12	
05 05 23 00-1602	EA		2-11/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors.....	8.20	
05 05 23 00-1603	EA		3-3/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors.....	8.84	
05 05 23 00-1604	EA		3-11/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors.....	9.36	
05 05 23 00-1605	EA		4-3/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors.....	9.88	
05 05 23 00-1606	EA		4-11/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors.....	10.31	
05 05 23 00-1607	EA		5-3/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors.....	10.70	
05 05 23 00-1608	EA		6-3/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors.....	11.22	
05 05 23 00-1609	EA		6-9/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors.....	13.39	
05 05 23 00-1610	EA		8-3/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors.....	16.38	

05 Metals**05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

05 05 23 00-1611	Welded Shear Stud Connector (05 05 23)		
05 05 23 00-1612	3/4" Diameter Welded Shear Stud Connector (05 05 23 00-1611)		
05 05 23 00-1613	EA 3/4" Diameter x 3-3/16" Long, Welded Shear Stud Connector	10.59	
05 05 23 00-1614	EA 3/4" Diameter x 3-3/8" Long, Welded Shear Stud Connector	11.05	
05 05 23 00-1615	EA 3/4" Diameter x 3-7/8" Long, Welded Shear Stud Connector	11.17	
05 05 23 00-1616	EA 3/4" Diameter x 4-3/16" Long, Welded Shear Stud Connector	11.23	
05 05 23 00-1617	EA 3/4" Diameter x 4-3/8" Long, Welded Shear Stud Connector	11.75	
05 05 23 00-1618	EA 3/4" Diameter x 4-11/16" Long, Welded Shear Stud Connector	12.70	
05 05 23 00-1619	EA 3/4" Diameter x 4-7/8" Long, Welded Shear Stud Connector	21.89	
05 05 23 00-1620	EA 3/4" Diameter x 5-3/16" Long, Welded Shear Stud Connector	13.80	
05 05 23 00-1621	EA 3/4" Diameter x 5-3/8" Long, Welded Shear Stud Connector	15.48	
05 05 23 00-1622	EA 3/4" Diameter x 6-3/16" Long, Welded Shear Stud Connector	19.90	
05 05 23 00-1623	EA 3/4" Diameter x 7-3/16" Long, Welded Shear Stud Connector	20.42	
05 05 23 00-1624	EA 3/4" Diameter x 8-3/16" Long, Welded Shear Stud Connector	22.25	
05 05 23 00-1625	EA 3/4" Diameter x 10-3/16" Long, Welded Shear Stud Connector	29.94	
05 05 23 00-1626	7/8" Diameter Welded Shear Stud Connector (05 05 23 00-1611)		
05 05 23 00-1627	EA 7/8" Diameter x 3-3/16" Long, Welded Shear Stud Connector	12.88	
05 05 23 00-1628	EA 7/8" Diameter x 3-11/16" Long, Welded Shear Stud Connector	13.62	
05 05 23 00-1629	EA 7/8" Diameter x 4-3/16" Long, Welded Shear Stud Connector	14.35	
05 05 23 00-1630	EA 7/8" Diameter x 5-3/16" Long, Welded Shear Stud Connector	16.46	
05 05 23 00-1631	EA 7/8" Diameter x 6-3/16" Long, Welded Shear Stud Connector	21.03	
05 05 23 00-1632	EA 7/8" Diameter x 7-3/16" Long, Welded Shear Stud Connector	23.26	
05 05 23 00-1633	EA 7/8" Diameter x 8-3/16" Long, Welded Shear Stud Connector	25.45	
05 05 23 00-1634	EA 7/8" Diameter x 10-3/16" Long, Welded Shear Stud Connector	31.62	
05 05 23 00-1635	1" Diameter Welded Shear Stud Connector (05 05 23 00-1611)		
05 05 23 00-1636	EA 1" Diameter x 3-1/4" Long, Welded Shear Stud Connector	17.68	
05 05 23 00-1637	EA 1" Diameter x 4-1/4" Long, Welded Shear Stud Connector	19.94	
05 05 23 00-1638	EA 1" Diameter x 5-1/4" Long, Welded Shear Stud Connector	23.26	
05 05 23 00-1639	EA 1" Diameter x 6-1/4" Long, Welded Shear Stud Connector	29.36	
05 05 23 00-1640	EA 1" Diameter x 7-1/4" Long, Welded Shear Stud Connector	32.84	
05 05 23 00-1641	EA 1" Diameter x 8-1/4" Long, Welded Shear Stud Connector	36.32	
05 10 Structural Metal Framing (05)			
05 12 Structural Steel Framing (05 10)			
05 12 23 Structural Steel for Buildings (05 12)			
See CSI section 05 05 21 00-0007 for moment connection welding, 05 12 23 00-0131 for field fabrication of additional structural metal connections.			
05 12 23 00-0001	Rolled Steel Members (05 12 23)		
Note: Prices by Ton (or LB) are based on ASTM A992/A36 steel with bolted standard beam connections and shop primed with red primer paint. Stock cross-sections only. Includes shop fabrication into sub-assemblies and delivery to site, all connecting bolts, connecting welds, and crane for erection (or demolition). Excludes moment connection welding. See CSI section 05 05 21 00-0007 for moment connection welding, 05 12 23 00-0131 for field fabrication of additional structural metal connections.			
05 12 23 00-0002	Beams, Girders And Columns (05 12 23 00-0001)		
Note: For one and two story I beams and W shapes and HP shapes.			
05 12 23 00-0003	TON Up To 30 LB/LF Beams, Girders And Columns	12,004.81	1,306.69
	For ASTM A242 Type 2 High Strength Steel, Add	744.12	
	For Hot Dip Galvanizing, Add	2,604.43	
	For >10 To 25 Tons, Deduct	-790.63	
	For >25 To 50 Tons, Deduct	-1,627.77	
	For >50 Tons, Deduct	-2,325.39	
05 12 23 00-0004	TON >30-65 LB/LF Beams, Girders And Columns	8,534.94	844.68
	For ASTM A242 Type 2 High Strength Steel, Add	610.71	
	For Hot Dip Galvanizing, Add	2,137.48	
	For >10 To 25 Tons, Deduct	-648.88	
	For >25 To 50 Tons, Deduct	-1,335.93	
	For >50 Tons, Deduct	-1,908.47	
05 12 23 00-0005	TON >65-100 LB/LF Beams, Girders And Columns	7,284.08	475.18
	For ASTM A242 Type 2 High Strength Steel, Add	542.18	
	For Hot Dip Galvanizing, Add	1,897.62	
	For >10 To 25 Tons, Deduct	-576.06	
	For >25 To 50 Tons, Deduct	-1,186.01	
	For >50 Tons, Deduct	-1,694.31	
05 12 23 00-0006	TON >100-300 LB/LF Beams, Girders And Columns	4,903.35	252.93
	For ASTM A242 Type 2 High Strength Steel, Add	370.64	
	For Hot Dip Galvanizing, Add	1,297.25	
	For >10 To 25 Tons, Deduct	-393.81	
	For >25 To 50 Tons, Deduct	-810.78	
	For >50 Tons, Deduct	-1,158.26	
05 12 23 00-0007	Trusses, Built-Up (05 12 23 00-0001)		



	Metals	05	
	Structural Metal Framing	05 10	05
	Structural Steel Framing	05 12	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0008 TON Built-Up Trusses, Rolled Structural Steel Members..... For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add For >10 To 25 Tons, Deduct For >25 To 50 Tons, Deduct For >50 Tons, Deduct	9,057.74 646.83 2,270.89 -689.38 -1,419.31 -2,027.58	888.65
05 12 23 00-0009 Shapes (05 12 23 00-0001)		
05 12 23 00-0010 Rolled Shape Steel Angles (05 12 23 00-0009)		
05 12 23 00-0011 TON Up To 10 LB/LF Rolled Shape Steel Angles..... For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add For >10 To 25 Tons, Deduct For >25 To 50 Tons, Deduct For >50 Tons, Deduct	17,481.28 1,074.62 3,761.17 -1,141.78 -2,350.73 -3,358.19	2,429.12
05 12 23 00-0012 TON >10 To 20 LB/LF Rolled Shape Steel Angles..... For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add For >10 To 25 Tons, Deduct For >25 To 50 Tons, Deduct For >50 Tons, Deduct	15,553.07 1,027.98 3,597.95 -1,092.23 -2,248.72 -3,212.45	1,425.54
05 12 23 00-0013 TON >20 To 58 LB/LF Rolled Shape Steel Angles..... For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add For >10 To 25 Tons, Deduct For >25 To 50 Tons, Deduct For >50 Tons, Deduct	12,204.72 904.30 3,165.06 -960.82 -1,978.16 -2,825.95	844.68
05 12 23 00-0014 Rolled C, MC Steel Channels (05 12 23 00-0009)		
05 12 23 00-0015 TON Up To 10 LB/LF Rolled C, MC Steel Channels..... For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add For >10 To 25 Tons, Deduct For >25 To 50 Tons, Deduct For >50 Tons, Deduct	18,799.86 1,058.40 3,704.39 -1,124.55 -2,315.25 -3,307.50	3,326.27
05 12 23 00-0016 TON >10 To 20 Rolled C, MC Steel Channels..... For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add For >10 To 25 Tons, Deduct For >25 To 50 Tons, Deduct For >50 Tons, Deduct	15,375.66 1,013.79 3,548.27 -1,077.15 -2,217.67 -3,168.10	2,534.29
05 12 23 00-0017 TON >20 To 58 LB/LF Rolled C, MC Steel Channels..... For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add For >10 To 25 Tons, Deduct For >25 To 50 Tons, Deduct For >50 Tons, Deduct	12,001.96 888.08 3,108.29 -943.59 -1,942.68 -2,775.26	844.68
05 12 23 00-0018 Double L Shape Steel Angles (05 12 23 00-0009)		
05 12 23 00-0019 TON Up To 20 LB/LF Double L Shape Steel Angles..... For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add For >10 To 25 Tons, Deduct For >25 To 50 Tons, Deduct For >50 Tons, Deduct	16,299.62 1,034.07 3,619.24 -1,098.70 -2,262.02 -3,231.46	1,927.33
05 12 23 00-0020 TON >20 To 50 LB/LF Double L Shape Steel Angles..... For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add For >10 To 25 Tons, Deduct For >25 To 50 Tons, Deduct For >50 Tons, Deduct	13,066.44 973.24 3,406.34 -1,034.07 -2,128.96 -3,041.38	844.68
05 12 23 00-0021 TON >50 To 80 LB/LF Double L Shape Steel Angles..... For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add For >10 To 25 Tons, Deduct For >25 To 50 Tons, Deduct For >50 Tons, Deduct	9,884.43 750.21 2,625.72 -797.09 -1,641.07 -2,344.39	475.18
05 12 23 00-0022 TON >80 To 115 LB/LF Double L Shape Steel Angles..... For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add For >10 To 25 Tons, Deduct For >25 To 50 Tons, Deduct For >50 Tons, Deduct	6,352.65 486.62 1,703.17 -517.03 -1,064.48 -1,520.69	253.30
05 12 23 00-0023 Structural WT, MT, ST Tee Shapes (05 12 23 00-0001)		

05 Metals**05 10 Structural Metal Framing****05 12 Structural Steel Framing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0024	TON		Up To 30 LB/LF Structural WT, MT, ST Tee Shapes For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add For >10 To 25 Tons, Deduct For >25 To 50 Tons, Deduct For >50 Tons, Deduct	14,868.76 973.24 3,406.34 -1,034.07 -2,128.96 -3,041.38	1,425.54
05 12 23 00-0025	TON		>30 To 65 LB/LF Structural WT, MT, ST Tee Shapes For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add For >10 To 25 Tons, Deduct For >25 To 50 Tons, Deduct For >50 Tons, Deduct	10,202.62 744.12 2,604.43 -790.63 -1,627.77 -2,325.39	844.68
05 12 23 00-0026	TON		>65 To 100 LB/LF Structural WT, MT, ST Tee Shapes For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add For >10 To 25 Tons, Deduct For >25 To 50 Tons, Deduct For >50 Tons, Deduct	8,110.30 608.28 2,128.96 -646.29 -1,330.60 -1,900.86	475.18
05 12 23 00-0027	TON		>100 To 365 LB/LF Structural WT, MT, ST Tee Shapes For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add For >10 To 25 Tons, Deduct For >25 To 50 Tons, Deduct For >50 Tons, Deduct	5,998.24 458.23 1,603.82 -486.87 -1,002.39 -1,431.98	252.93
05 12 23 00-0028			Combination Section Shapes (05 12 23 00-0001)		
05 12 23 00-0029			Combination Section, W Shapes And Angles (05 12 23 00-0028)		
05 12 23 00-0030	TON		Up To 30 LB/LF Combination Section - W Shapes And Angles For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add For >10 To 25 Tons, Deduct For >25 To 50 Tons, Deduct For >50 Tons, Deduct	14,083.07 910.38 3,186.35 -967.28 -1,991.47 -2,844.95	1,425.54
05 12 23 00-0031	TON		>30-65 LB/LF Combination Section - W Shapes And Angles For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add For >10 To 25 Tons, Deduct For >25 To 50 Tons, Deduct For >50 Tons, Deduct	10,278.67 750.21 2,625.73 -797.10 -1,641.08 -2,344.40	844.68
05 12 23 00-0032	TON		>65-100 LB/LF Combination Section - W Shapes And Angles For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add For >10 To 25 Tons, Deduct For >25 To 50 Tons, Deduct For >50 Tons, Deduct	7,476.67 557.58 1,951.55 -592.43 -1,219.72 -1,742.45	475.18
05 12 23 00-0033	TON		>100-300 LB/LF Combination Section - W Shapes And Angles For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add For >10 To 25 Tons, Deduct For >25 To 50 Tons, Deduct For >50 Tons, Deduct	6,504.72 498.79 1,745.75 -529.96 -1,091.09 -1,558.71	252.93
05 12 23 00-0034	TON		>300-500 LB/LF Combination Section - W Shapes And Angles For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add For >10 To 25 Tons, Deduct For >25 To 50 Tons, Deduct For >50 Tons, Deduct	5,634.99 439.99 1,539.95 -467.49 -962.47 -1,374.96	126.97
05 12 23 00-0035			Combination Section, S Shapes And Angles (05 12 23 00-0028)		
05 12 23 00-0036	TON		>30-65 LB/LF Combination Section - S Shapes And Angles For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add For >10 To 25 Tons, Deduct For >25 To 50 Tons, Deduct For >50 Tons, Deduct	9,873.14 717.76 2,512.18 -762.63 -1,570.11 -2,243.02	844.68
05 12 23 00-0037	TON		>65-100 LB/LF Combination Section - S Shapes And Angles For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add For >10 To 25 Tons, Deduct For >25 To 50 Tons, Deduct For >50 Tons, Deduct	7,502.02 559.61 1,958.64 -594.59 -1,224.15 -1,748.79	475.18
05 12 23 00-0038			Combination Section, Channels And Angles (05 12 23 00-0028)		
05 12 23 00-0039	TON		Up To 30 LB/LF Combination Section - Channels And Angles For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add For >10 To 25 Tons, Deduct For >25 To 50 Tons, Deduct For >50 Tons, Deduct	14,868.76 973.24 3,406.34 -1,034.07 -2,128.96 -3,041.38	1,425.54



	Metals	05	
	Structural Metal Framing	05 10	
	Structural Steel Framing	05 12	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0040 TON >30-65 LB/LF Combination Section - Channels And Angles For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add For >10 To 25 Tons, Deduct For >25 To 50 Tons, Deduct For >50 Tons, Deduct	10,785.55 790.76 2,767.65 -840.18 -1,729.78 -2,471.12	844.68
05 12 23 00-0041 TON >65-100 LB/LF Combination Section - Channels And Angles For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add For >10 To 25 Tons, Deduct For >25 To 50 Tons, Deduct For >50 Tons, Deduct	7,679.44 573.81 2,008.32 -609.67 -1,255.20 -1,793.15	475.18
05 12 23 00-0042 Standard Weight Pipe (05 12 23 00-0001)		
05 12 23 00-0043 TON 1/2" To 5" Diameter Standard Weight Pipe For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add For >10 To 25 Tons, Deduct For >25 To 50 Tons, Deduct For >50 Tons, Deduct	8,718.54 632.61 2,214.72 -672.14 -1,383.82 -1,976.89	760.29
05 12 23 00-0044 TON >5" To 12" Diameter Standard Weight Pipe For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add For >10 To 25 Tons, Deduct For >25 To 50 Tons, Deduct For >50 Tons, Deduct	9,276.12 660.99 2,313.47 -702.30 -1,445.92 -2,065.60	950.36
05 12 23 00-0045 Temporary Steel Support For Structures (05 12 23 00-0001) Note: Includes removal after use.		
05 12 23 00-0046 TON Up To 30 LB/LF Temporary Steel Support For Structures Note: For all stock sections.	12,004.81	
05 12 23 00-0047 TON >30 LB/LF Temporary Steel Support For Structures Note: For all stock sections.	8,534.94	
05 12 23 00-0048 Structural Steel Shapes (05 12 23) Note: Prices by Ton (or LB) are based on ASTM A992/A36 steel with bolted standard beam connections and shop primed with red primer paint. Stock cross-sections only. Includes shop fabrication into sub-assemblies and delivery to site, all connecting bolts, connecting welds, and crane for erection (or demolition). Excludes moment connection welding. See CSI section 05 05 21 00-0007 for moment connection welding, 05 12 23 00-0131 for field fabrication of additional structural metal connections.		
05 12 23 00-0049 Steel Rods (05 12 23 00-0048)		
05 12 23 00-0050 TON 1/2" To 5" Diameter Extra Strong Steel, Solid For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add For >10 To 25 Tons, Deduct For >25 To 50 Tons, Deduct For >50 Tons, Deduct	9,453.55 705.60 2,469.59 -749.70 -1,543.50 -2,205.00	594.04
05 12 23 00-0051 TON >5" To 12" Diameter Extra Strong Steel, Solid For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add For >10 To 25 Tons, Deduct For >25 To 50 Tons, Deduct For >50 Tons, Deduct	10,785.55 790.76 2,767.65 -840.18 -1,729.78 -2,471.12	844.68
05 12 23 00-0052 Column Base Plates (05 12 23 00-0048)		
05 12 23 00-0053 LB Column Base Plates, Up To 150 LB / Each, A36 Miscellaneous Steel Items For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add	4.61 0.30 1.06	0.76
05 12 23 00-0054 LB Column Base Plates, >150 LB / Each, A36 Miscellaneous Steel Items For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add	4.34 0.29 1.01	0.65
05 12 23 00-0055 TON Column Base Plates, Up To 150 LB Each, A36 Miscellaneous Steel Items For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add For >10 To 25 Tons, Deduct For >25 To 50 Tons, Deduct For >50 Tons, Deduct	8,562.41 627.21 2,195.23 -666.41 -1,372.02 -1,960.02	677.17
05 12 23 00-0056 TON Column Base Plates, >150 LB Each, A36 Miscellaneous Steel Items For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add For >10 To 25 Tons, Deduct For >25 To 50 Tons, Deduct For >50 Tons, Deduct	6,104.04 453.65 1,587.78 -482.00 -992.36 -1,417.66	406.30
05 12 23 00-0057 Double Extra Strong Pipes (05 12 23 00-0048)		

05 Metals**05 10 Structural Metal Framing****05 12 Structural Steel Framing**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0058	TON	2" To 5" Diameter Double Extra Strong Pipe	11,245.76	1,086.07
		For ASTM A242 Type 2 High Strength Steel, Add	806.98	
		For Hot Dip Galvanizing, Add	2,824.42	
		For >10 To 25 Tons, Deduct	-857.41	
		For >25 To 50 Tons, Deduct	-1,765.27	
		For >50 Tons, Deduct	-2,521.81	
05 12 23 00-0059	TON	>5" To 8" Diameter Double Extra Strong Pipe	10,711.06	584.79
		For ASTM A242 Type 2 High Strength Steel, Add	806.98	
		For Hot Dip Galvanizing, Add	2,824.42	
		For >10 To 25 Tons, Deduct	-857.41	
		For >25 To 50 Tons, Deduct	-1,765.27	
		For >50 Tons, Deduct	-2,521.81	
05 12 23 00-0060		Structural Pipes (05 12 23 00-0048)		
05 12 23 00-0061	TON	3" To 5" Outside Diameter Structural Pipe, Extra Heavy A36 Miscellaneous Steel Items	7,868.61	501.79
		For ASTM A242 Type 2 High Strength Steel, Add	567.72	
		For Hot Dip Galvanizing, Add	1,987.03	
		For >10 To 25 Tons, Deduct	-603.21	
		For >25 To 50 Tons, Deduct	-1,241.89	
		For >50 Tons, Deduct	-1,774.14	
05 12 23 00-0062	TON	>5" To 12" Outside Diameter Structural Pipe, Extra Heavy A36 Miscellaneous Steel Items	8,373.26	578.71
		For ASTM A242 Type 2 High Strength Steel, Add	567.72	
		For Hot Dip Galvanizing, Add	1,987.03	
		For >10 To 25 Tons, Deduct	-603.21	
		For >25 To 50 Tons, Deduct	-1,241.89	
		For >50 Tons, Deduct	-1,774.14	
05 12 23 00-0063		Structural Tubing (05 12 23 00-0048)		
05 12 23 00-0064		Rectangle Structural Tubing (05 12 23 00-0063)		
05 12 23 00-0065	TON	3" x 2" Weight Range 5-7 LB/LF Structural Tubing - Rectangle	13,213.05	506.86
		For ASTM A242 Type 2 High Strength Steel, Add	1,013.79	
		For Hot Dip Galvanizing, Add	3,548.27	
		For >10 To 25 Tons, Deduct	-1,077.15	
		For >25 To 50 Tons, Deduct	-2,217.67	
		For >50 Tons, Deduct	-3,168.10	
05 12 23 00-0066	TON	4" x 3", 2" Weight Range 6-13 LB/LF Structural Tubing - Rectangle	13,296.23	584.79
		For ASTM A242 Type 2 High Strength Steel, Add	1,013.79	
		For Hot Dip Galvanizing, Add	3,548.27	
		For >10 To 25 Tons, Deduct	-1,077.15	
		For >25 To 50 Tons, Deduct	-2,217.67	
		For >50 Tons, Deduct	-3,168.10	
05 12 23 00-0067	TON	5" x 4", 3", 2" Weight Range 8-20 LB/LF Structural Tubing - Rectangle	11,574.07	633.57
		For ASTM A242 Type 2 High Strength Steel, Add	871.86	
		For Hot Dip Galvanizing, Add	3,051.51	
		For >10 To 25 Tons, Deduct	-926.35	
		For >25 To 50 Tons, Deduct	-1,907.20	
		For >50 Tons, Deduct	-2,724.57	
05 12 23 00-0068	TON	6" x 4", 3", 2" Weight Range 9-29 LB/LF Structural Tubing - Rectangle	10,948.89	760.29
		For ASTM A242 Type 2 High Strength Steel, Add	811.03	
		For Hot Dip Galvanizing, Add	2,838.62	
		For >10 To 25 Tons, Deduct	-861.72	
		For >25 To 50 Tons, Deduct	-1,774.14	
		For >50 Tons, Deduct	-2,534.48	
05 12 23 00-0069	TON	7" x 5", 4", 3" Weight Range 12-35 LB/LF Structural Tubing - Rectangle	10,742.63	844.68
		For ASTM A242 Type 2 High Strength Steel, Add	787.32	
		For Hot Dip Galvanizing, Add	2,755.63	
		For >10 To 25 Tons, Deduct	-836.53	
		For >25 To 50 Tons, Deduct	-1,722.27	
		For >50 Tons, Deduct	-2,460.39	
05 12 23 00-0070	TON	8" x 6", 4", 3", 2" Weight Range 11-42 LB/LF Structural Tubing - Rectangle	10,856.45	1,168.94
		For ASTM A242 Type 2 High Strength Steel, Add	768.76	
		For Hot Dip Galvanizing, Add	2,690.68	
		For >10 To 25 Tons, Deduct	-816.81	
		For >25 To 50 Tons, Deduct	-1,681.67	
		For >50 Tons, Deduct	-2,402.39	
05 12 23 00-0071	TON	10" x 6", 4", 2" Weight Range 15-50 LB/LF Structural Tubing - Rectangle	11,228.65	1,545.29
		For ASTM A242 Type 2 High Strength Steel, Add	766.43	
		For Hot Dip Galvanizing, Add	2,682.49	
		For >10 To 25 Tons, Deduct	-814.33	
		For >25 To 50 Tons, Deduct	-1,676.56	
		For >50 Tons, Deduct	-2,395.08	
05 12 23 00-0072	TON	12" x 6", 4", 2" Weight Range 17-76 LB/LF Structural Tubing - Rectangle	11,482.27	1,687.97
		For ASTM A242 Type 2 High Strength Steel, Add	774.54	
		For Hot Dip Galvanizing, Add	2,710.88	
		For >10 To 25 Tons, Deduct	-822.95	
		For >25 To 50 Tons, Deduct	-1,694.30	
		For >50 Tons, Deduct	-2,420.43	
05 12 23 00-0073	TON	14" x 10", 6", 4" Weight Range 29-76 LB/LF Structural Tubing - Rectangle	11,709.15	1,900.72
		For ASTM A242 Type 2 High Strength Steel, Add	774.54	
		For Hot Dip Galvanizing, Add	2,710.88	
		For >10 To 25 Tons, Deduct	-822.95	
		For >25 To 50 Tons, Deduct	-1,694.30	
		For >50 Tons, Deduct	-2,420.43	



		Metals	05	
		Structural Metal Framing	05 10	
		Structural Steel Framing	05 12	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0074	TON	16" x 12", 8", 4"	Weight Range 40-90 LB/LF Structural Tubing - Rectangle For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add For >10 To 25 Tons, Deduct For >25 To 50 Tons, Deduct For >50 Tons, Deduct	12,283.57 766.43 2,682.49 -814.33 -1,676.56 -2,395.08	2,534.29
05 12 23 00-0075	TON	18" x 6", 4"	Weight Range 48-76 LB/LF Structural Tubing - Rectangle For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add For >10 To 25 Tons, Deduct For >25 To 50 Tons, Deduct For >50 Tons, Deduct	13,586.20 746.15 2,614.53 -792.78 -1,632.20 -2,331.72	3,993.16
05 12 23 00-0076	TON	20" x 12", 8", 4"	Weight Range 48-105 LB/LF Structural Tubing - Rectangle For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add For >10 To 25 Tons, Deduct For >25 To 50 Tons, Deduct For >50 Tons, Deduct	15,124.95 712.47 2,493.63 -756.99 -1,558.52 -2,226.46	5,830.53
05 12 23 00-0077			Square Structural Tubing (05 12 23 00-0063)		
05 12 23 00-0078	TON	2" x 2"	Weight Range 4-6 LB/LF Structural Tubing - Square For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add For >10 To 25 Tons, Deduct For >25 To 50 Tons, Deduct For >50 Tons, Deduct	13,179.26 1,013.79 3,548.27 -1,077.15 -2,217.67 -3,168.10	475.18
05 12 23 00-0079	TON	2.5" x 2.5"	Weight Range 5-8 LB/LF Structural Tubing - Square For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add For >10 To 25 Tons, Deduct For >25 To 50 Tons, Deduct For >50 Tons, Deduct	13,213.05 1,013.79 3,548.27 -1,077.15 -2,217.67 -3,168.10	506.86
05 12 23 00-0080	TON	3" x 3"	Weight Range 6-11 LB/LF Structural Tubing - Square For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add For >10 To 25 Tons, Deduct For >25 To 50 Tons, Deduct For >50 Tons, Deduct	11,827.52 892.14 3,122.48 -947.90 -1,951.55 -2,787.93	633.57
05 12 23 00-0081	TON	3.5" x 3.5"	Weight Range 8-13 LB/LF Structural Tubing - Square For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add For >10 To 25 Tons, Deduct For >25 To 50 Tons, Deduct For >50 Tons, Deduct	11,709.23 871.86 3,051.51 -926.35 -1,907.20 -2,724.57	760.29
05 12 23 00-0082	TON	4" x 4"	Weight Range 10-22 LB/LF Structural Tubing - Square For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add For >10 To 25 Tons, Deduct For >25 To 50 Tons, Deduct For >50 Tons, Deduct	9,326.81 665.05 2,327.67 -706.61 -1,454.79 -2,078.27	950.36
05 12 23 00-0083	TON	5" x 5"	Weight Range 12-30 LB/LF Structural Tubing - Square For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add For >10 To 25 Tons, Deduct For >25 To 50 Tons, Deduct For >50 Tons, Deduct	9,471.62 665.05 2,327.67 -706.61 -1,454.79 -2,078.27	1,086.07
05 12 23 00-0084	TON	6" x 6"	Weight Range 15-35 LB/LF Structural Tubing - Square For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add For >10 To 25 Tons, Deduct For >25 To 50 Tons, Deduct For >50 Tons, Deduct	9,935.04 665.05 2,327.67 -706.61 -1,454.79 -2,078.27	1,520.58
05 12 23 00-0085	TON	7" x 7"	Weight Range 17-42 LB/LF Structural Tubing - Square For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add For >10 To 25 Tons, Deduct For >25 To 50 Tons, Deduct For >50 Tons, Deduct	10,492.60 677.21 2,370.24 -719.54 -1,481.40 -2,116.29	1,900.72
05 12 23 00-0086	TON	8" x 8"	Weight Range 20-60 LB/LF Structural Tubing - Square For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add For >10 To 25 Tons, Deduct For >25 To 50 Tons, Deduct For >50 Tons, Deduct	12,537.04 786.70 2,753.46 -835.87 -1,720.91 -2,458.45	2,534.29
05 12 23 00-0087	TON	10" x 10"	Weight Range 33-77 LB/LF Structural Tubing - Square For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add For >10 To 25 Tons, Deduct For >25 To 50 Tons, Deduct For >50 Tons, Deduct	13,888.65 786.70 2,753.46 -835.87 -1,720.91 -2,458.45	3,801.45

05 Metals**05 10 Structural Metal Framing****05 12 Structural Steel Framing**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0088	TON	12" x 12" Weight Range 40-80 LB/LF Structural Tubing - Square	13,224.40	4,461.75
		For ASTM A242 Type 2 High Strength Steel, Add	677.21	
		For Hot Dip Galvanizing, Add	2,370.24	
		For >10 To 25 Tons, Deduct	-719.54	
		For >25 To 50 Tons, Deduct	-1,481.40	
		For >50 Tons, Deduct	-2,116.29	
05 12 23 00-0089	TON	14" x 14" Weight Range 57-90 LB/LF Structural Tubing - Square	15,850.15	5,830.53
		For ASTM A242 Type 2 High Strength Steel, Add	770.48	
		For Hot Dip Galvanizing, Add	2,696.69	
		For >10 To 25 Tons, Deduct	-818.64	
		For >25 To 50 Tons, Deduct	-1,685.43	
		For >50 Tons, Deduct	-2,407.76	
05 12 23 00-0090	TON	16" x 16" Weight Range 65-105 LB/LF Structural Tubing - Square	17,943.54	7,602.89
		For ASTM A242 Type 2 High Strength Steel, Add	786.70	
		For Hot Dip Galvanizing, Add	2,753.46	
		For >10 To 25 Tons, Deduct	-835.87	
		For >25 To 50 Tons, Deduct	-1,720.91	
		For >50 Tons, Deduct	-2,458.45	
05 12 23 00-0091 Galvanized Steel Pipe Tubing (05 12 23 00-0063)				
		Note: ASTM A53 Grade B		
05 12 23 00-0092	LF	2" Diameter Galvanized Steel Pipe Tubing, Standard Weight	47.80	5.52
05 12 23 00-0093	LF	2-1/2" Diameter Galvanized Steel Pipe Tubing, Standard Weight	52.43	6.57
05 12 23 00-0094	LF	3" Diameter Galvanized Steel Pipe Tubing, Standard Weight	58.01	8.73
05 12 23 00-0095	LF	3-1/2" Diameter Galvanized Steel Pipe Tubing, Standard Weight	62.55	9.73
05 12 23 00-0096	LF	4" Diameter Galvanized Steel Pipe Tubing, Standard Weight	65.39	10.52
05 12 23 00-0097	LF	5" Diameter Galvanized Steel Pipe Tubing, Standard Weight	73.19	13.15
05 12 23 00-0098	LF	6" Diameter Galvanized Steel Pipe Tubing, Standard Weight	80.98	15.78
05 12 23 00-0099	LF	8" Diameter Galvanized Steel Pipe Tubing, Standard Weight	88.56	18.93
05 12 23 00-0100	LF	10" Diameter Galvanized Steel Pipe Tubing, Standard Weight	99.51	23.14
05 12 23 00-0101	LF	12" Diameter Galvanized Steel Pipe Tubing, Standard Weight	116.78	29.45
05 12 23 00-0102 Structural Shapes (05 12 23 00-0048)				
05 12 23 00-0103	TON	Structural Shapes, Steel Angle A36 Structural Steel, Purlins And Girts (Up To 20 LB/LF)	8,462.67	2,708.72
		For ASTM A242 Type 2 High Strength Steel, Add	333.05	
		For Hot Dip Galvanizing, Add	1,165.67	
		For >20 To 50 LB/LF, Deduct	-1,061.24	
		For >50 To 75 LB/LF, Deduct	-1,699.36	
		For >75 To 100 LB/LF, Deduct	-2,337.47	
		For >10 To 25 Tons, Deduct	-353.87	
		For >25 To 50 Tons, Deduct	-728.55	
		For >50 Tons, Deduct	-1,040.78	
05 12 23 00-0104	TON	Structural Shapes, Steel Plate A36 Structural Steel	9,551.32	1,083.49
		Note: Up to 21.5 LB per SF		
		For ASTM A242 Type 2 High Strength Steel, Add	648.84	
		For Hot Dip Galvanizing, Add	2,270.94	
		For >21.5 To 50 LB/LF, Deduct	-1,027.17	
		For >10 To 25 Tons, Deduct	-689.39	
		For >25 To 50 Tons, Deduct	-1,419.34	
		For >50 Tons, Deduct	-2,027.63	
05 12 23 00-0105	LB	Structural Shapes, Primed Pipe Supports (Up To 20 LB/LF)	5.60	0.24
05 12 23 00-0106	LB	Structural Shapes, Galvanized Pipe Supports	6.86	0.24
05 12 23 00-0107 Built-Up Trusses (05 12 23 00-0048)				
05 12 23 00-0108	TON	Up To 50 LF Span Average Weight 100 LB/LF Trusses, Built-up	10,720.82	380.14
		For >10 To 25 Tons, Deduct	-876.80	
		For >25 To 50 Tons, Deduct	-1,805.18	
		For >50 Tons, Deduct	-2,578.83	
05 12 23 00-0109	TON	>50-100 LF Span Average Weight 120 LB/LF Trusses, Built-up	10,641.98	211.10
		For >10 To 25 Tons, Deduct	-885.42	
		For >25 To 50 Tons, Deduct	-1,822.92	
		For >50 Tons, Deduct	-2,604.18	
05 12 23 00-0110	TON	>100-200 LF Span Average Weight 150 LB/LF Trusses, Built-up	9,496.83	111.76
		For >10 To 25 Tons, Deduct	-797.09	
		For >25 To 50 Tons, Deduct	-1,641.07	
		For >50 Tons, Deduct	-2,344.39	
05 12 23 00-0111	TON	>200 LF Span Average Weight 180 LB/LF Trusses, Built-up	9,236.75	105.68
		For >10 To 25 Tons, Deduct	-775.55	
		For >25 To 50 Tons, Deduct	-1,596.72	
		For >50 Tons, Deduct	-2,281.03	
05 12 23 00-0112 Masonry Plates, Filler Plates, Sole Plates And Anchor Straps (05 12 23 00-0048)				
		Note: Includes shop fabrication, welds, drilling and shop primer.		
05 12 23 00-0113	SF	1/4" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	34.04	7.80
05 12 23 00-0114	SF	3/8" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	51.05	11.67
05 12 23 00-0115	SF	1/2" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	68.07	15.56
05 12 23 00-0116	SF	5/8" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	85.08	19.44
05 12 23 00-0117	SF	3/4" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	102.11	23.22
05 12 23 00-0118	SF	7/8" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	119.12	27.22
05 12 23 00-0119	SF	1" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	136.14	31.11



		Metals	05	05
		Structural Metal Framing	05 10	
		Structural Steel Framing	05 12	

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST		UNIT COST
05 12 23 00-0120	SF 1-1/8" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps.....	153.15		35.00
05 12 23 00-0121	SF 1-1/4" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps.....	170.18		38.88
05 12 23 00-0122	SF 1-3/8" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps.....	187.19		42.77
05 12 23 00-0123	SF 1-1/2" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps.....	204.21		46.66
05 12 23 00-0124	SF 1-5/8" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps.....	221.22		50.55
05 12 23 00-0125	SF 1-3/4" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps.....	238.26		54.43
05 12 23 00-0126	SF 1-7/8" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps.....	255.27		58.32
05 12 23 00-0127	SF 2" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps.....	272.29		62.21
05 12 23 00-0128	Accessories For Steel (05 12 23)			
05 12 23 00-0129	Field Painting For Touch-Up Of Shop Prime Coat (05 12 23 00-0128)			
05 12 23 00-0130	SF Touch Up Paint - Type 1 Red Oxide Field Painting Prime Coat.....	1.46		
05 12 23 00-0131	Connection And Stiffener Plates (05 12 23 00-0128)			
	Note: For field fabrication of additional structural metal connections.			
05 12 23 00-0132	TON 1/8" Plate Weight 6.16 LB/SF Connection And Stiffener Plates.....	23,414.23		
	For >10 To 25 Tons, Deduct	-1,990.21		
	For >25 To 50 Tons, Deduct	-4,097.49		
	For >50 Tons, Deduct	-5,853.56		
05 12 23 00-0133	TON 3/16" Plate Weight 8.71 LB/SF Connection And Stiffener Plates.....	19,976.92		
	For >10 To 25 Tons, Deduct	-1,698.04		
	For >25 To 50 Tons, Deduct	-3,495.96		
	For >50 Tons, Deduct	-4,994.23		
05 12 23 00-0134	TON 1/4" Plate Weight 11.26 LB/SF Connection And Stiffener Plates.....	15,448.56		
	For >10 To 25 Tons, Deduct	-1,313.13		
	For >25 To 50 Tons, Deduct	-2,703.50		
	For >50 Tons, Deduct	-3,862.14		
05 12 23 00-0135	TON 5/16" Plate Weight 13.81 LB/SF Connection And Stiffener Plates.....	15,448.56		
	For >10 To 25 Tons, Deduct	-1,313.13		
	For >25 To 50 Tons, Deduct	-2,703.50		
	For >50 Tons, Deduct	-3,862.14		
05 12 23 00-0136	TON 3/8" Plate Weight 16.37 LB/SF Connection And Stiffener Plates.....	15,448.56		
	For >10 To 25 Tons, Deduct	-1,313.13		
	For >25 To 50 Tons, Deduct	-2,703.50		
	For >50 Tons, Deduct	-3,862.14		
05 12 23 00-0137	TON 1/2" Plate Weight 21.47 LB/SF Connection And Stiffener Plates.....	15,448.56		
	For >10 To 25 Tons, Deduct	-1,313.13		
	For >25 To 50 Tons, Deduct	-2,703.50		
	For >50 Tons, Deduct	-3,862.14		
05 12 23 00-0138	TON 9/16" Plate Weight 24.02 LB/SF Connection And Stiffener Plates.....	15,448.56		
	For >10 To 25 Tons, Deduct	-1,313.13		
	For >25 To 50 Tons, Deduct	-2,703.50		
	For >50 Tons, Deduct	-3,862.14		
05 12 23 00-0139	TON 5/8" Plate Weight 26.58 LB/SF Connection And Stiffener Plates.....	15,448.56		
	For >10 To 25 Tons, Deduct	-1,313.13		
	For >25 To 50 Tons, Deduct	-2,703.50		
	For >50 Tons, Deduct	-3,862.14		
05 12 23 00-0140	TON 3/4" Plate Weight 31.68 LB/SF Connection And Stiffener Plates.....	14,483.03		
	For >10 To 25 Tons, Deduct	-1,231.06		
	For >25 To 50 Tons, Deduct	-2,534.53		
	For >50 Tons, Deduct	-3,620.76		
05 12 23 00-0141	TON 7/8" Plate Weight 36.78 LB/SF Connection And Stiffener Plates.....	14,483.03		
	For >10 To 25 Tons, Deduct	-1,231.06		
	For >25 To 50 Tons, Deduct	-2,534.53		
	For >50 Tons, Deduct	-3,620.76		
05 12 23 00-0142	TON 1" Plate Weight 41.89 LB/SF Connection And Stiffener Plates.....	14,483.03		
	For >10 To 25 Tons, Deduct	-1,231.06		
	For >25 To 50 Tons, Deduct	-2,534.53		
	For >50 Tons, Deduct	-3,620.76		
05 12 23 00-0143	Field Applied Cold Galvanizing (05 12 23 00-0128)			
05 12 23 00-0144	SF Brush Applied Cold Galvanizing	1.73		
05 12 23 00-0145	Metal Grinding (05 12 23 00-0128)			
	Note: For use to prepare existing metal for welding by removing of rust or scale and smoothing surface after torch cutting.			
05 12 23 00-0146	SI Metal Grinding Up To 1/32" Thickness To Be Removed.....	1.04		
	Note: Includes rust or scale removal on metal and smoothing surface.			
05 12 23 00-0147	Structural Steel For Buildings And Structures (05 12 23)			
	Note: Prices by Ton (or LB) are based on ASTM A992/A36 steel with bolted standard beam connections and shop primed with red primer paint. Stock cross-sections only. Includes shop fabrication into sub-assemblies and delivery to site, all connecting bolts, connecting welds, and crane for erection (or demolition). Excludes moment connection welding.			
05 12 23 00-0148	First Tier A992/A36 Structural Steel Columns, W Shapes (05 12 23 00-0147)			
	Note: With base plate. Includes material delivery and erection.			

05 Metals**05 10 Structural Metal Framing****05 12 Structural Steel Framing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0149	LF		W14 x 730 A992/A36 Structural Column	1,645.22	75.13
			For Hot Dip Galvanizing, Add	434.32	
			For High Strength Low Alloy A572-50 Steel, Add	148.07	
			For High Strength Low Alloy A588 Grade B Steel, Add	329.04	
05 12 23 00-0150	LF		W14 x 665 A992/A36 Structural Column	1,500.42	70.03
			For Hot Dip Galvanizing, Add	395.65	
			For High Strength Low Alloy A572-50 Steel, Add	135.04	
			For High Strength Low Alloy A588 Grade B Steel, Add	300.08	
05 12 23 00-0151	LF		W14 x 605 A992/A36 Structural Column	1,366.63	65.18
			For Hot Dip Galvanizing, Add	369.95	
			For High Strength Low Alloy A572-50 Steel, Add	123.00	
			For High Strength Low Alloy A588 Grade B Steel, Add	273.33	
05 12 23 00-0152	LF		W14 x 550 A992/A36 Structural Column	1,243.85	60.63
			For Hot Dip Galvanizing, Add	327.23	
			For High Strength Low Alloy A572-50 Steel, Add	111.95	
			For High Strength Low Alloy A588 Grade B Steel, Add	248.77	
05 12 23 00-0153	LF		W14 x 500 A992/A36 Structural Column	1,142.32	65.90
			For Hot Dip Galvanizing, Add	297.48	
			For High Strength Low Alloy A572-50 Steel, Add	102.81	
			For High Strength Low Alloy A588 Grade B Steel, Add	228.46	
05 12 23 00-0154	LF		W14 x 426 A992/A36 Structural Column	974.66	57.52
			For Hot Dip Galvanizing, Add	253.46	
			For High Strength Low Alloy A572-50 Steel, Add	87.72	
			For High Strength Low Alloy A588 Grade B Steel, Add	194.93	
05 12 23 00-0155	LF		W14 x 342 A992/A36 Structural Column	788.14	49.80
			For Hot Dip Galvanizing, Add	203.99	
			For High Strength Low Alloy A572-50 Steel, Add	70.93	
			For High Strength Low Alloy A588 Grade B Steel, Add	157.63	
05 12 23 00-0156	LF		W14 x 311 A992/A36 Structural Column	709.85	46.51
			For Hot Dip Galvanizing, Add	183.21	
			For High Strength Low Alloy A572-50 Steel, Add	63.89	
			For High Strength Low Alloy A588 Grade B Steel, Add	141.97	
05 12 23 00-0157	LF		W14 x 283 A992/A36 Structural Column	644.32	43.85
			For Hot Dip Galvanizing, Add	165.84	
			For High Strength Low Alloy A572-50 Steel, Add	57.99	
			For High Strength Low Alloy A588 Grade B Steel, Add	128.86	
05 12 23 00-0158	LF		W14 x 257 A992/A36 Structural Column	566.34	41.56
			For Hot Dip Galvanizing, Add	144.87	
			For High Strength Low Alloy A572-50 Steel, Add	50.97	
			For High Strength Low Alloy A588 Grade B Steel, Add	113.27	
05 12 23 00-0159	LF		W14 x 233 A992/A36 Structural Column	521.20	38.65
			For Hot Dip Galvanizing, Add	133.20	
			For High Strength Low Alloy A572-50 Steel, Add	46.91	
			For High Strength Low Alloy A588 Grade B Steel, Add	104.24	
05 12 23 00-0160	LF		W14 x 211 A992/A36 Structural Column	463.58	35.99
			For Hot Dip Galvanizing, Add	117.99	
			For High Strength Low Alloy A572-50 Steel, Add	41.72	
			For High Strength Low Alloy A588 Grade B Steel, Add	92.72	
05 12 23 00-0161	LF		W14 x 193 A992/A36 Structural Column	419.30	34.21
			For Hot Dip Galvanizing, Add	106.23	
			For High Strength Low Alloy A572-50 Steel, Add	37.74	
			For High Strength Low Alloy A588 Grade B Steel, Add	83.86	
05 12 23 00-0162	LF		W14 x 176 A992/A36 Structural Column	377.91	32.70
			For Hot Dip Galvanizing, Add	95.20	
			For High Strength Low Alloy A572-50 Steel, Add	34.01	
			For High Strength Low Alloy A588 Grade B Steel, Add	75.58	
05 12 23 00-0163	LF		W14 x 159 A992/A36 Structural Column	341.71	31.55
			For Hot Dip Galvanizing, Add	85.50	
			For High Strength Low Alloy A572-50 Steel, Add	30.75	
			For High Strength Low Alloy A588 Grade B Steel, Add	68.34	
05 12 23 00-0164	LF		W14 x 145 A992/A36 Structural Column	330.21	30.54
			For Hot Dip Galvanizing, Add	82.60	
			For High Strength Low Alloy A572-50 Steel, Add	29.72	
			For High Strength Low Alloy A588 Grade B Steel, Add	66.04	
05 12 23 00-0165	LF		W14 x 132 A992/A36 Structural Column	282.41	29.15
			For Hot Dip Galvanizing, Add	69.75	
			For High Strength Low Alloy A572-50 Steel, Add	25.42	
			For High Strength Low Alloy A588 Grade B Steel, Add	56.48	
05 12 23 00-0166	LF		W14 x 120 A992/A36 Structural Column	264.79	28.39
			For Hot Dip Galvanizing, Add	65.07	
			For High Strength Low Alloy A572-50 Steel, Add	23.83	
			For High Strength Low Alloy A588 Grade B Steel, Add	52.96	
05 12 23 00-0167	LF		W14 x 109 A992/A36 Structural Column	237.09	27.25
			For Hot Dip Galvanizing, Add	57.74	
			For High Strength Low Alloy A572-50 Steel, Add	21.34	
			For High Strength Low Alloy A588 Grade B Steel, Add	47.42	
05 12 23 00-0168	LF		W14 x 99 A992/A36 Structural Column	216.35	26.49
			For Hot Dip Galvanizing, Add	52.23	
			For High Strength Low Alloy A572-50 Steel, Add	19.47	
			For High Strength Low Alloy A588 Grade B Steel, Add	43.27	
05 12 23 00-0169	LF		W14 x 90 A992/A36 Structural Column	200.98	25.85
			For Hot Dip Galvanizing, Add	48.14	
			For High Strength Low Alloy A572-50 Steel, Add	18.09	
			For High Strength Low Alloy A588 Grade B Steel, Add	40.20	



		Metals	05	05
		Structural Metal Framing	05 10	
		Structural Steel Framing	05 12	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0170	LF	W14 x 82 A992/A36 Structural Column	185.15	25.09
		For Hot Dip Galvanizing, Add	43.96	
		For High Strength Low Alloy A572-50 Steel, Add	16.66	
		For High Strength Low Alloy A588 Grade B Steel, Add	37.03	
05 12 23 00-0171	LF	W14 x 74 A992/A36 Structural Column	167.18	24.46
		For Hot Dip Galvanizing, Add	39.18	
		For High Strength Low Alloy A572-50 Steel, Add	15.05	
		For High Strength Low Alloy A588 Grade B Steel, Add	33.44	
05 12 23 00-0172	LF	W14 x 68 A992/A36 Structural Column	156.16	24.07
		For Hot Dip Galvanizing, Add	36.23	
		For High Strength Low Alloy A572-50 Steel, Add	14.05	
		For High Strength Low Alloy A588 Grade B Steel, Add	31.23	
05 12 23 00-0173	LF	W14 x 61 A992/A36 Structural Column	142.39	23.44
		For Hot Dip Galvanizing, Add	32.59	
		For High Strength Low Alloy A572-50 Steel, Add	12.82	
		For High Strength Low Alloy A588 Grade B Steel, Add	28.48	
05 12 23 00-0174	LF	W14 x 53 A992/A36 Structural Column	129.70	22.81
		For Hot Dip Galvanizing, Add	29.24	
		For High Strength Low Alloy A572-50 Steel, Add	11.67	
		For High Strength Low Alloy A588 Grade B Steel, Add	25.94	
05 12 23 00-0175	LF	W14 x 48 A992/A36 Structural Column	121.51	22.42
		For Hot Dip Galvanizing, Add	27.07	
		For High Strength Low Alloy A572-50 Steel, Add	10.94	
		For High Strength Low Alloy A588 Grade B Steel, Add	24.30	
05 12 23 00-0176	LF	W14 x 43 A992/A36 Structural Column	109.65	22.05
		For Hot Dip Galvanizing, Add	23.92	
		For High Strength Low Alloy A572-50 Steel, Add	9.87	
		For High Strength Low Alloy A588 Grade B Steel, Add	21.93	
05 12 23 00-0177	LF	W12 x 336 A992/A36 Structural Column	750.25	33.46
		For Hot Dip Galvanizing, Add	198.30	
		For High Strength Low Alloy A572-50 Steel, Add	67.52	
		For High Strength Low Alloy A588 Grade B Steel, Add	150.05	
05 12 23 00-0178	LF	W12 x 305 A992/A36 Structural Column	683.62	32.79
		For Hot Dip Galvanizing, Add	180.00	
		For High Strength Low Alloy A572-50 Steel, Add	61.53	
		For High Strength Low Alloy A588 Grade B Steel, Add	136.72	
05 12 23 00-0179	LF	W12 x 279 A992/A36 Structural Column	627.90	32.40
		For Hot Dip Galvanizing, Add	164.66	
		For High Strength Low Alloy A572-50 Steel, Add	56.51	
		For High Strength Low Alloy A588 Grade B Steel, Add	125.58	
05 12 23 00-0180	LF	W12 x 252 A992/A36 Structural Column	569.61	31.59
		For Hot Dip Galvanizing, Add	148.72	
		For High Strength Low Alloy A572-50 Steel, Add	51.26	
		For High Strength Low Alloy A588 Grade B Steel, Add	113.92	
05 12 23 00-0181	LF	W12 x 230 A992/A36 Structural Column	522.34	31.13
		For Hot Dip Galvanizing, Add	135.74	
		For High Strength Low Alloy A572-50 Steel, Add	47.01	
		For High Strength Low Alloy A588 Grade B Steel, Add	104.47	
05 12 23 00-0182	LF	W12 x 210 A992/A36 Structural Column	479.34	30.70
		For Hot Dip Galvanizing, Add	123.94	
		For High Strength Low Alloy A572-50 Steel, Add	43.14	
		For High Strength Low Alloy A588 Grade B Steel, Add	95.87	
05 12 23 00-0183	LF	W12 x 190 A992/A36 Structural Column	441.47	34.97
		For Hot Dip Galvanizing, Add	112.13	
		For High Strength Low Alloy A572-50 Steel, Add	39.73	
		For High Strength Low Alloy A588 Grade B Steel, Add	88.29	
05 12 23 00-0184	LF	W12 x 170 A992/A36 Structural Column	398.93	33.96
		For Hot Dip Galvanizing, Add	100.68	
		For High Strength Low Alloy A572-50 Steel, Add	35.90	
		For High Strength Low Alloy A588 Grade B Steel, Add	79.79	
05 12 23 00-0185	LF	W12 x 152 A992/A36 Structural Column	359.62	31.55
		For Hot Dip Galvanizing, Add	90.47	
		For High Strength Low Alloy A572-50 Steel, Add	32.37	
		For High Strength Low Alloy A588 Grade B Steel, Add	71.92	
05 12 23 00-0186	LF	W12 x 136 A992/A36 Structural Column	341.88	30.66
		For Hot Dip Galvanizing, Add	85.80	
		For High Strength Low Alloy A572-50 Steel, Add	30.77	
		For High Strength Low Alloy A588 Grade B Steel, Add	68.38	
05 12 23 00-0187	LF	W12 x 120 A992/A36 Structural Column	258.81	28.14
		For Hot Dip Galvanizing, Add	63.45	
		For High Strength Low Alloy A572-50 Steel, Add	23.29	
		For High Strength Low Alloy A588 Grade B Steel, Add	51.76	
05 12 23 00-0188	LF	W12 x 106 A992/A36 Structural Column	238.51	27.25
		For Hot Dip Galvanizing, Add	58.13	
		For High Strength Low Alloy A572-50 Steel, Add	21.47	
		For High Strength Low Alloy A588 Grade B Steel, Add	47.70	
05 12 23 00-0189	LF	W12 x 96 A992/A36 Structural Column	213.37	26.36
		For Hot Dip Galvanizing, Add	51.44	
		For High Strength Low Alloy A572-50 Steel, Add	19.20	
		For High Strength Low Alloy A588 Grade B Steel, Add	42.67	
05 12 23 00-0190	LF	W12 x 87 A992/A36 Structural Column	196.83	25.47
		For Hot Dip Galvanizing, Add	47.06	
		For High Strength Low Alloy A572-50 Steel, Add	17.71	
		For High Strength Low Alloy A588 Grade B Steel, Add	39.37	

05 Metals**05 10 Structural Metal Framing****05 12 Structural Steel Framing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0191	LF		W12 x 79 A992/A36 Structural Column	172.70	24.71
			For Hot Dip Galvanizing, Add	40.61	
			For High Strength Low Alloy A572-50 Steel, Add	15.54	
			For High Strength Low Alloy A588 Grade B Steel, Add	34.54	
05 12 23 00-0192	LF		W12 x 72 A992/A36 Structural Column	158.05	24.07
			For Hot Dip Galvanizing, Add	36.72	
			For High Strength Low Alloy A572-50 Steel, Add	14.22	
			For High Strength Low Alloy A588 Grade B Steel, Add	31.61	
05 12 23 00-0193	LF		W12 x 65 A992/A36 Structural Column	144.47	23.57
			For Hot Dip Galvanizing, Add	33.13	
			For High Strength Low Alloy A572-50 Steel, Add	13.00	
			For High Strength Low Alloy A588 Grade B Steel, Add	28.89	
05 12 23 00-0194	LF		W12 x 58 A992/A36 Structural Column	139.79	23.31
			For Hot Dip Galvanizing, Add	31.90	
			For High Strength Low Alloy A572-50 Steel, Add	12.58	
			For High Strength Low Alloy A588 Grade B Steel, Add	27.96	
05 12 23 00-0195	LF		W12 x 53 A992/A36 Structural Column	129.70	22.81
			For Hot Dip Galvanizing, Add	29.24	
			For High Strength Low Alloy A572-50 Steel, Add	11.67	
			For High Strength Low Alloy A588 Grade B Steel, Add	25.94	
05 12 23 00-0196	LF		W12 x 50 A992/A36 Structural Column	125.66	22.69
			For Hot Dip Galvanizing, Add	28.16	
			For High Strength Low Alloy A572-50 Steel, Add	11.31	
			For High Strength Low Alloy A588 Grade B Steel, Add	25.13	
05 12 23 00-0197	LF		W12 x 45 A992/A36 Structural Column	114.17	22.17
			For Hot Dip Galvanizing, Add	25.11	
			For High Strength Low Alloy A572-50 Steel, Add	10.28	
			For High Strength Low Alloy A588 Grade B Steel, Add	22.83	
05 12 23 00-0198	LF		W12 x 40 A992/A36 Structural Column	102.30	21.67
			For Hot Dip Galvanizing, Add	21.95	
			For High Strength Low Alloy A572-50 Steel, Add	9.21	
			For High Strength Low Alloy A588 Grade B Steel, Add	20.46	
05 12 23 00-0199	LF		W10 x 112 A992/A36 Structural Column	249.49	27.75
			For Hot Dip Galvanizing, Add	61.04	
			For High Strength Low Alloy A572-50 Steel, Add	22.45	
			For High Strength Low Alloy A588 Grade B Steel, Add	49.90	
05 12 23 00-0200	LF		W10 x 110 A992/A36 Structural Column	225.64	26.61
			For Hot Dip Galvanizing, Add	54.74	
			For High Strength Low Alloy A572-50 Steel, Add	20.31	
			For High Strength Low Alloy A588 Grade B Steel, Add	45.13	
05 12 23 00-0201	LF		W10 x 88 A992/A36 Structural Column	202.80	25.72
			For Hot Dip Galvanizing, Add	48.68	
			For High Strength Low Alloy A572-50 Steel, Add	18.25	
			For High Strength Low Alloy A588 Grade B Steel, Add	40.56	
05 12 23 00-0202	LF		W10 x 77 A992/A36 Structural Column	180.33	24.71
			For Hot Dip Galvanizing, Add	42.73	
			For High Strength Low Alloy A572-50 Steel, Add	16.23	
			For High Strength Low Alloy A588 Grade B Steel, Add	36.07	
05 12 23 00-0203	LF		W10 x 68 A992/A36 Structural Column	162.36	24.07
			For Hot Dip Galvanizing, Add	37.95	
			For High Strength Low Alloy A572-50 Steel, Add	14.61	
			For High Strength Low Alloy A588 Grade B Steel, Add	32.47	
05 12 23 00-0204	LF		W10 x 60 A992/A36 Structural Column	142.39	23.44
			For Hot Dip Galvanizing, Add	32.59	
			For High Strength Low Alloy A572-50 Steel, Add	12.82	
			For High Strength Low Alloy A588 Grade B Steel, Add	28.48	
05 12 23 00-0205	LF		W10 x 54 A992/A36 Structural Column	141.43	23.06
			For Hot Dip Galvanizing, Add	32.39	
			For High Strength Low Alloy A572-50 Steel, Add	12.73	
			For High Strength Low Alloy A588 Grade B Steel, Add	28.29	
05 12 23 00-0206	LF		W10 x 49 A992/A36 Structural Column	124.13	22.69
			For Hot Dip Galvanizing, Add	27.76	
			For High Strength Low Alloy A572-50 Steel, Add	11.17	
			For High Strength Low Alloy A588 Grade B Steel, Add	24.83	
05 12 23 00-0207	LF		W10 x 45 A992/A36 Structural Column	119.79	22.30
			For Hot Dip Galvanizing, Add	26.63	
			For High Strength Low Alloy A572-50 Steel, Add	10.78	
			For High Strength Low Alloy A588 Grade B Steel, Add	23.96	
05 12 23 00-0208	LF		W10 x 39 A992/A36 Structural Column	104.20	21.92
			For Hot Dip Galvanizing, Add	22.45	
			For High Strength Low Alloy A572-50 Steel, Add	9.38	
			For High Strength Low Alloy A588 Grade B Steel, Add	20.84	
05 12 23 00-0209	LF		W10 x 33 A992/A36 Structural Column	90.81	21.29
			For Hot Dip Galvanizing, Add	18.90	
			For High Strength Low Alloy A572-50 Steel, Add	8.17	
			For High Strength Low Alloy A588 Grade B Steel, Add	18.16	
05 12 23 00-0210	LF		W8 x 67 A992/A36 Structural Column	156.33	24.07
			For Hot Dip Galvanizing, Add	36.28	
			For High Strength Low Alloy A572-50 Steel, Add	14.07	
			For High Strength Low Alloy A588 Grade B Steel, Add	31.27	
05 12 23 00-0211	LF		W8 x 58 A992/A36 Structural Column	140.32	23.31
			For Hot Dip Galvanizing, Add	32.05	
			For High Strength Low Alloy A572-50 Steel, Add	12.63	
			For High Strength Low Alloy A588 Grade B Steel, Add	28.06	



	Metals	05	
	Structural Metal Framing	05 10	05
	Structural Steel Framing	05 12	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0212	LF		W8 x 48 A992/A36 Structural Column For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add 25.11	125.53 28.16 11.30 25.11	22.69
05 12 23 00-0213	LF		W8 x 40 A992/A36 Structural Column For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add 21.54	107.70 23.38 9.69 21.54	22.05
05 12 23 00-0214	LF		W8 x 35 A992/A36 Structural Column For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add 19.45	97.26 20.62 8.75 19.45	21.54
05 12 23 00-0215	LF		W8 x 31 A992/A36 Structural Column For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add 17.77	88.85 18.36 8.00 17.77	21.29
05 12 23 00-0216	LF		W8 x 28 A992/A36 Structural Column For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add 16.73	83.63 16.98 7.53 16.73	21.04
05 12 23 00-0217	LF		W8 x 24 A992/A36 Structural Column For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add 15.47	77.35 15.31 6.96 15.47	20.79
05 12 23 00-0218	LF		W8 x 21 A992/A36 Structural Column For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add 14.64	73.18 14.22 6.59 14.64	20.65
05 12 23 00-0219	LF		W8 x 18 A992/A36 Structural Column For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add 13.06	65.31 12.11 5.88 13.06	20.27
05 12 23 00-0220	LF		W6 x 25 A992/A36 Structural Column For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add 16.25	81.24 16.39 7.31 16.25	20.79
05 12 23 00-0221	LF		W6 x 20 A992/A36 Structural Column For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add 13.73	68.63 13.00 6.18 13.73	20.40
05 12 23 00-0222	LF		W6 x 15 A992/A36 Structural Column For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add 11.75	58.77 10.44 5.29 11.75	19.76
05 12 23 00-0223	LF		W6 x 12 A992/A36 Structural Column For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add 11.01	55.04 9.40 4.95 11.01	19.76
05 12 23 00-0224	LF		W6 x 9 A992/A36 Structural Column For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add 10.06	50.31 8.12 4.53 10.06	19.64
05 12 23 00-0225	LF		W5 x 19 A992/A36 Structural Column For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add 13.51	67.57 12.70 6.08 13.51	20.40
05 12 23 00-0226	LF		W5 x 16 A992/A36 Structural Column For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add 12.43	62.16 11.27 5.59 12.43	20.27
05 12 23 00-0227	LF		W4 x 13 A992/A36 Structural Column For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add 11.64	58.19 10.24 5.24 11.64	20.02
05 12 23 00-0228			A992/A36 Structural Steel Beams And Girders, W Shapes (05 12 23 00-0147) Note: Includes material delivery and erection.		
05 12 23 00-0229	LF		W36 x 300 A992/A36 Structural Beam Or Girder For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Steel, Add For Each Additional Top Copes >2, Add For Structural Tees, WT, MT Or ST, Deduct For Skewed Or Sloped Connections, Add 70.97	591.41 139.76 53.23 118.28 5.04 -193.83 70.97	82.28
05 12 23 00-0230	LF		W36 x 280 A992/A36 Structural Beam Or Girder For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Steel, Add For Each Additional Top Copes >2, Add For Structural Tees, WT, MT Or ST, Deduct For Skewed Or Sloped Connections, Add 68.57	571.44 130.44 51.43 114.29 4.70 -184.80 68.57	95.03

05 Metals**05 10 Structural Metal Framing****05 12 Structural Steel Framing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0231	LF		W36 x 260 A992/A36 Structural Beam Or Girder	540.95	93.90
			For Hot Dip Galvanizing, Add	122.34	
			For High Strength Low Alloy A572-50 Steel, Add	48.69	
			For High Strength Low Alloy A588 Steel, Add	108.19	
			For Each Additional Top Copes >2, Add	4.41	
			For Structural Tees, WT, MT Or ST, Deduct	-174.32	
			For Skewed Or Sloped Connections, Add	64.91	
05 12 23 00-0232	LF		W36 x 240 A992/A36 Structural Beam Or Girder	503.26	79.30
			For Hot Dip Galvanizing, Add	116.18	
			For High Strength Low Alloy A572-50 Steel, Add	45.29	
			For High Strength Low Alloy A588 Steel, Add	100.65	
			For Each Additional Top Copes >2, Add	4.19	
			For Structural Tees, WT, MT Or ST, Deduct	-163.45	
			For Skewed Or Sloped Connections, Add	60.39	
05 12 23 00-0233	LF		W36 x 230 A992/A36 Structural Beam Or Girder	487.00	80.43
			For Hot Dip Galvanizing, Add	111.34	
			For High Strength Low Alloy A572-50 Steel, Add	43.83	
			For High Strength Low Alloy A588 Steel, Add	97.40	
			For Each Additional Top Copes >2, Add	4.01	
			For Structural Tees, WT, MT Or ST, Deduct	-157.58	
			For Skewed Or Sloped Connections, Add	58.44	
05 12 23 00-0234	LF		W36 x 210 A992/A36 Structural Beam Or Girder	463.26	90.86
			For Hot Dip Galvanizing, Add	101.66	
			For High Strength Low Alloy A572-50 Steel, Add	41.69	
			For High Strength Low Alloy A588 Steel, Add	92.65	
			For Each Additional Top Copes >2, Add	3.66	
			For Structural Tees, WT, MT Or ST, Deduct	-147.60	
			For Skewed Or Sloped Connections, Add	55.59	
05 12 23 00-0235	LF		W36 x 194 A992/A36 Structural Beam Or Girder	435.86	76.92
			For Hot Dip Galvanizing, Add	98.19	
			For High Strength Low Alloy A572-50 Steel, Add	39.23	
			For High Strength Low Alloy A588 Steel, Add	87.17	
			For Each Additional Top Copes >2, Add	3.54	
			For Structural Tees, WT, MT Or ST, Deduct	-140.25	
			For Skewed Or Sloped Connections, Add	52.30	
05 12 23 00-0236	LF		W36 x 182 A992/A36 Structural Beam Or Girder	413.37	76.36
			For Hot Dip Galvanizing, Add	92.11	
			For High Strength Low Alloy A572-50 Steel, Add	37.20	
			For High Strength Low Alloy A588 Steel, Add	82.67	
			For Each Additional Top Copes >2, Add	3.32	
			For Structural Tees, WT, MT Or ST, Deduct	-132.46	
			For Skewed Or Sloped Connections, Add	49.60	
05 12 23 00-0237	LF		W36 x 170 A992/A36 Structural Beam Or Girder	390.56	75.48
			For Hot Dip Galvanizing, Add	86.04	
			For High Strength Low Alloy A572-50 Steel, Add	35.15	
			For High Strength Low Alloy A588 Steel, Add	78.11	
			For Each Additional Top Copes >2, Add	3.10	
			For Structural Tees, WT, MT Or ST, Deduct	-124.62	
			For Skewed Or Sloped Connections, Add	46.87	
05 12 23 00-0238	LF		W36 x 160 A992/A36 Structural Beam Or Girder	385.58	87.94
			For Hot Dip Galvanizing, Add	80.98	
			For High Strength Low Alloy A572-50 Steel, Add	34.70	
			For High Strength Low Alloy A588 Steel, Add	77.12	
			For Each Additional Top Copes >2, Add	2.92	
			For Structural Tees, WT, MT Or ST, Deduct	-120.89	
			For Skewed Or Sloped Connections, Add	46.27	
05 12 23 00-0239	LF		W36 x 150 A992/A36 Structural Beam Or Girder	369.65	87.31
			For Hot Dip Galvanizing, Add	76.73	
			For High Strength Low Alloy A572-50 Steel, Add	33.27	
			For High Strength Low Alloy A588 Steel, Add	73.93	
			For Each Additional Top Copes >2, Add	2.77	
			For Structural Tees, WT, MT Or ST, Deduct	-115.41	
			For Skewed Or Sloped Connections, Add	44.36	
05 12 23 00-0240	LF		W36 x 135 A992/A36 Structural Beam Or Girder	347.39	86.55
			For Hot Dip Galvanizing, Add	70.80	
			For High Strength Low Alloy A572-50 Steel, Add	31.27	
			For High Strength Low Alloy A588 Steel, Add	69.48	
			For Each Additional Top Copes >2, Add	2.55	
			For Structural Tees, WT, MT Or ST, Deduct	-107.75	
			For Skewed Or Sloped Connections, Add	41.69	
05 12 23 00-0241	LF		W33 x 241 A992/A36 Structural Beam Or Girder	509.55	81.80
			For Hot Dip Galvanizing, Add	117.19	
			For High Strength Low Alloy A572-50 Steel, Add	45.86	
			For High Strength Low Alloy A588 Steel, Add	101.91	
			For Each Additional Top Copes >2, Add	4.22	
			For Structural Tees, WT, MT Or ST, Deduct	-165.26	
			For Skewed Or Sloped Connections, Add	61.15	
05 12 23 00-0242	LF		W33 x 221 A992/A36 Structural Beam Or Girder	472.37	79.79
			For Hot Dip Galvanizing, Add	107.46	
			For High Strength Low Alloy A572-50 Steel, Add	42.51	
			For High Strength Low Alloy A588 Steel, Add	94.47	
			For Each Additional Top Copes >2, Add	3.87	
			For Structural Tees, WT, MT Or ST, Deduct	-152.56	
			For Skewed Or Sloped Connections, Add	56.68	



			Metals	05	05
			Structural Metal Framing	05 10	
			Structural Steel Framing	05 12	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0243	LF		W33 x 201 A992/A36 Structural Beam Or Girder	448.52	90.22
			For Hot Dip Galvanizing, Add	97.74	
			For High Strength Low Alloy A572-50 Steel, Add	40.37	
			For High Strength Low Alloy A588 Steel, Add	89.70	
			For Each Additional Top Copes >2, Add	3.52	
			For Structural Tees, WT, MT Or ST, Deduct	-142.54	
			For Skewed Or Sloped Connections, Add	53.82	
05 12 23 00-0244	LF		W33 x 170 A992/A36 Structural Beam Or Girder	402.69	88.57
			For Hot Dip Galvanizing, Add	85.55	
			For High Strength Low Alloy A572-50 Steel, Add	36.24	
			For High Strength Low Alloy A588 Steel, Add	80.54	
			For Each Additional Top Copes >2, Add	3.08	
			For Structural Tees, WT, MT Or ST, Deduct	-126.78	
			For Skewed Or Sloped Connections, Add	48.32	
05 12 23 00-0245	LF		W33 x 152 A992/A36 Structural Beam Or Girder	365.24	75.24
			For Hot Dip Galvanizing, Add	79.08	
			For High Strength Low Alloy A572-50 Steel, Add	32.87	
			For High Strength Low Alloy A588 Steel, Add	73.05	
			For Each Additional Top Copes >2, Add	2.85	
			For Structural Tees, WT, MT Or ST, Deduct	-115.80	
			For Skewed Or Sloped Connections, Add	43.83	
05 12 23 00-0246	LF		W33 x 141 A992/A36 Structural Beam Or Girder	356.99	86.80
			For Hot Dip Galvanizing, Add	73.36	
			For High Strength Low Alloy A572-50 Steel, Add	32.13	
			For High Strength Low Alloy A588 Steel, Add	71.40	
			For Each Additional Top Copes >2, Add	2.64	
			For Structural Tees, WT, MT Or ST, Deduct	-111.05	
			For Skewed Or Sloped Connections, Add	42.84	
05 12 23 00-0247	LF		W33 x 130 A992/A36 Structural Beam Or Girder	338.97	86.17
			For Hot Dip Galvanizing, Add	68.57	
			For High Strength Low Alloy A572-50 Steel, Add	30.51	
			For High Strength Low Alloy A588 Steel, Add	67.79	
			For Each Additional Top Copes >2, Add	2.47	
			For Structural Tees, WT, MT Or ST, Deduct	-104.86	
			For Skewed Or Sloped Connections, Add	40.68	
05 12 23 00-0248	LF		W33 x 118 A992/A36 Structural Beam Or Girder	318.01	85.41
			For Hot Dip Galvanizing, Add	62.96	
			For High Strength Low Alloy A572-50 Steel, Add	28.62	
			For High Strength Low Alloy A588 Steel, Add	63.60	
			For Each Additional Top Copes >2, Add	2.27	
			For Structural Tees, WT, MT Or ST, Deduct	-97.64	
			For Skewed Or Sloped Connections, Add	38.16	
05 12 23 00-0249	LF		W30 x 211 A992/A36 Structural Beam Or Girder	452.81	79.64
			For Hot Dip Galvanizing, Add	102.08	
			For High Strength Low Alloy A572-50 Steel, Add	40.75	
			For High Strength Low Alloy A588 Steel, Add	90.56	
			For Each Additional Top Copes >2, Add	3.68	
			For Structural Tees, WT, MT Or ST, Deduct	-145.74	
			For Skewed Or Sloped Connections, Add	54.34	
05 12 23 00-0250	LF		W30 x 191 A992/A36 Structural Beam Or Girder	428.66	89.58
			For Hot Dip Galvanizing, Add	92.40	
			For High Strength Low Alloy A572-50 Steel, Add	38.58	
			For High Strength Low Alloy A588 Steel, Add	85.73	
			For Each Additional Top Copes >2, Add	3.33	
			For Structural Tees, WT, MT Or ST, Deduct	-135.68	
			For Skewed Or Sloped Connections, Add	51.44	
05 12 23 00-0251	LF		W30 x 173 A992/A36 Structural Beam Or Girder	391.91	76.00
			For Hot Dip Galvanizing, Add	86.26	
			For High Strength Low Alloy A572-50 Steel, Add	35.27	
			For High Strength Low Alloy A588 Steel, Add	78.38	
			For Each Additional Top Copes >2, Add	3.11	
			For Structural Tees, WT, MT Or ST, Deduct	-125.01	
			For Skewed Or Sloped Connections, Add	47.03	
05 12 23 00-0252	LF		W30 x 154 A992/A36 Structural Beam Or Girder	369.97	87.43
			For Hot Dip Galvanizing, Add	76.79	
			For High Strength Low Alloy A572-50 Steel, Add	33.30	
			For High Strength Low Alloy A588 Steel, Add	73.99	
			For Each Additional Top Copes >2, Add	2.77	
			For Structural Tees, WT, MT Or ST, Deduct	-115.50	
			For Skewed Or Sloped Connections, Add	44.40	
05 12 23 00-0253	LF		W30 x 132 A992/A36 Structural Beam Or Girder	329.05	73.33
			For Hot Dip Galvanizing, Add	69.61	
			For High Strength Low Alloy A572-50 Steel, Add	29.61	
			For High Strength Low Alloy A588 Steel, Add	65.81	
			For Each Additional Top Copes >2, Add	2.51	
			For Structural Tees, WT, MT Or ST, Deduct	-103.43	
			For Skewed Or Sloped Connections, Add	39.49	
05 12 23 00-0254	LF		W30 x 124 A992/A36 Structural Beam Or Girder	313.80	73.28
			For Hot Dip Galvanizing, Add	65.39	
			For High Strength Low Alloy A572-50 Steel, Add	28.24	
			For High Strength Low Alloy A588 Steel, Add	62.76	
			For Each Additional Top Copes >2, Add	2.36	
			For Structural Tees, WT, MT Or ST, Deduct	-98.10	
			For Skewed Or Sloped Connections, Add	37.66	

05 Metals**05 10 Structural Metal Framing****05 12 Structural Steel Framing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0255	LF		W30 x 116 A992/A36 Structural Beam Or Girder	311.41	85.28
			For Hot Dip Galvanizing, Add	61.17	
			For High Strength Low Alloy A572-50 Steel, Add	28.03	
			For High Strength Low Alloy A588 Steel, Add	62.28	
			For Each Additional Top Copes >2, Add	2.20	
			For Structural Tees, WT, MT Or ST, Deduct	-95.35	
			For Skewed Or Sloped Connections, Add	37.37	
05 12 23 00-0256	LF		W30 x 108 A992/A36 Structural Beam Or Girder	288.17	76.79
			For Hot Dip Galvanizing, Add	57.25	
			For High Strength Low Alloy A572-50 Steel, Add	25.94	
			For High Strength Low Alloy A588 Steel, Add	57.63	
			For Each Additional Top Copes >2, Add	2.06	
			For Structural Tees, WT, MT Or ST, Deduct	-88.58	
			For Skewed Or Sloped Connections, Add	34.58	
05 12 23 00-0257	LF		W30 x 99 A992/A36 Structural Beam Or Girder	275.30	76.41
			For Hot Dip Galvanizing, Add	53.82	
			For High Strength Low Alloy A572-50 Steel, Add	24.78	
			For High Strength Low Alloy A588 Steel, Add	55.06	
			For Each Additional Top Copes >2, Add	1.94	
			For Structural Tees, WT, MT Or ST, Deduct	-84.15	
			For Skewed Or Sloped Connections, Add	33.04	
05 12 23 00-0258	LF		W27 x 178 A992/A36 Structural Beam Or Girder	435.44	88.99
			For Hot Dip Galvanizing, Add	94.49	
			For High Strength Low Alloy A572-50 Steel, Add	39.19	
			For High Strength Low Alloy A588 Steel, Add	87.09	
			For Each Additional Top Copes >2, Add	3.41	
			For Structural Tees, WT, MT Or ST, Deduct	-138.17	
			For Skewed Or Sloped Connections, Add	52.25	
05 12 23 00-0259	LF		W27 x 161 A992/A36 Structural Beam Or Girder	399.34	85.63
			For Hot Dip Galvanizing, Add	85.47	
			For High Strength Low Alloy A572-50 Steel, Add	35.94	
			For High Strength Low Alloy A588 Steel, Add	79.87	
			For Each Additional Top Copes >2, Add	3.08	
			For Structural Tees, WT, MT Or ST, Deduct	-126.07	
			For Skewed Or Sloped Connections, Add	47.92	
05 12 23 00-0260	LF		W27 x 146 A992/A36 Structural Beam Or Girder	367.41	82.60
			For Hot Dip Galvanizing, Add	77.51	
			For High Strength Low Alloy A572-50 Steel, Add	33.07	
			For High Strength Low Alloy A588 Steel, Add	73.48	
			For Each Additional Top Copes >2, Add	2.79	
			For Structural Tees, WT, MT Or ST, Deduct	-115.38	
			For Skewed Or Sloped Connections, Add	44.09	
05 12 23 00-0261	LF		W27 x 114 A992/A36 Structural Beam Or Girder	291.28	68.62
			For Hot Dip Galvanizing, Add	60.52	
			For High Strength Low Alloy A572-50 Steel, Add	26.22	
			For High Strength Low Alloy A588 Steel, Add	58.26	
			For Each Additional Top Copes >2, Add	2.18	
			For Structural Tees, WT, MT Or ST, Deduct	-90.97	
			For Skewed Or Sloped Connections, Add	34.95	
05 12 23 00-0262	LF		W27 x 102 A992/A36 Structural Beam Or Girder	276.60	76.41
			For Hot Dip Galvanizing, Add	54.15	
			For High Strength Low Alloy A572-50 Steel, Add	24.89	
			For High Strength Low Alloy A588 Steel, Add	55.32	
			For Each Additional Top Copes >2, Add	1.95	
			For Structural Tees, WT, MT Or ST, Deduct	-84.59	
			For Skewed Or Sloped Connections, Add	33.19	
05 12 23 00-0263	LF		W27 x 94 A992/A36 Structural Beam Or Girder	264.53	75.90
			For Hot Dip Galvanizing, Add	50.94	
			For High Strength Low Alloy A572-50 Steel, Add	23.81	
			For High Strength Low Alloy A588 Steel, Add	52.91	
			For Each Additional Top Copes >2, Add	1.84	
			For Structural Tees, WT, MT Or ST, Deduct	-80.44	
			For Skewed Or Sloped Connections, Add	31.74	
05 12 23 00-0264	LF		W27 x 84 A992/A36 Structural Beam Or Girder	249.78	75.40
			For Hot Dip Galvanizing, Add	47.02	
			For High Strength Low Alloy A572-50 Steel, Add	22.48	
			For High Strength Low Alloy A588 Steel, Add	49.96	
			For Each Additional Top Copes >2, Add	1.69	
			For Structural Tees, WT, MT Or ST, Deduct	-75.37	
			For Skewed Or Sloped Connections, Add	29.97	
05 12 23 00-0265	LF		W24 x 162 A992/A36 Structural Beam Or Girder	384.65	82.10
			For Hot Dip Galvanizing, Add	82.44	
			For High Strength Low Alloy A572-50 Steel, Add	34.62	
			For High Strength Low Alloy A588 Steel, Add	76.93	
			For Each Additional Top Copes >2, Add	2.97	
			For Structural Tees, WT, MT Or ST, Deduct	-121.49	
			For Skewed Or Sloped Connections, Add	46.16	
05 12 23 00-0266	LF		W24 x 146 A992/A36 Structural Beam Or Girder	351.70	78.70
			For Hot Dip Galvanizing, Add	74.30	
			For High Strength Low Alloy A572-50 Steel, Add	31.65	
			For High Strength Low Alloy A588 Steel, Add	70.34	
			For Each Additional Top Copes >2, Add	2.68	
			For Structural Tees, WT, MT Or ST, Deduct	-110.50	
			For Skewed Or Sloped Connections, Add	42.20	



		Metals	05	05
		Structural Metal Framing	05 10	
		Structural Steel Framing	05 12	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0267	LF		W24 x 131 A992/A36 Structural Beam Or Girder	320.36	75.13
			For Hot Dip Galvanizing, Add	66.66	
			For High Strength Low Alloy A572-50 Steel, Add	28.63	
			For High Strength Low Alloy A588 Steel, Add	64.07	
			For Each Additional Top Copes >2, Add	2.40	
			For Structural Tees, WT, MT Or ST, Deduct	-100.11	
			For Skewed Or Sloped Connections, Add	38.44	
05 12 23 00-0268	LF		W24 x 117 A992/A36 Structural Beam Or Girder	290.69	71.38
			For Hot Dip Galvanizing, Add	59.54	
			For High Strength Low Alloy A572-50 Steel, Add	26.16	
			For High Strength Low Alloy A588 Steel, Add	58.14	
			For Each Additional Top Copes >2, Add	2.15	
			For Structural Tees, WT, MT Or ST, Deduct	-90.32	
			For Skewed Or Sloped Connections, Add	34.88	
05 12 23 00-0269	LF		W24 x 104 A992/A36 Structural Beam Or Girder	262.71	67.50
			For Hot Dip Galvanizing, Add	52.92	
			For High Strength Low Alloy A572-50 Steel, Add	23.64	
			For High Strength Low Alloy A588 Steel, Add	52.54	
			For Each Additional Top Copes >2, Add	1.91	
			For Structural Tees, WT, MT Or ST, Deduct	-81.15	
			For Skewed Or Sloped Connections, Add	31.53	
05 12 23 00-0270	LF		W24 x 94 A992/A36 Structural Beam Or Girder	253.35	75.90
			For Hot Dip Galvanizing, Add	47.84	
			For High Strength Low Alloy A572-50 Steel, Add	22.80	
			For High Strength Low Alloy A588 Steel, Add	50.67	
			For Each Additional Top Copes >2, Add	1.72	
			For Structural Tees, WT, MT Or ST, Deduct	-76.53	
			For Skewed Or Sloped Connections, Add	30.40	
05 12 23 00-0271	LF		W24 x 84 A992/A36 Structural Beam Or Girder	231.09	67.28
			For Hot Dip Galvanizing, Add	44.19	
			For High Strength Low Alloy A572-50 Steel, Add	20.80	
			For High Strength Low Alloy A588 Steel, Add	46.22	
			For Each Additional Top Copes >2, Add	1.59	
			For Structural Tees, WT, MT Or ST, Deduct	-70.10	
			For Skewed Or Sloped Connections, Add	27.73	
05 12 23 00-0272	LF		W24 x 76 A992/A36 Structural Beam Or Girder	219.78	66.78
			For Hot Dip Galvanizing, Add	41.19	
			For High Strength Low Alloy A572-50 Steel, Add	19.78	
			For High Strength Low Alloy A588 Steel, Add	43.96	
			For Each Additional Top Copes >2, Add	1.48	
			For Structural Tees, WT, MT Or ST, Deduct	-66.22	
			For Skewed Or Sloped Connections, Add	26.37	
05 12 23 00-0273	LF		W24 x 68 A992/A36 Structural Beam Or Girder	205.57	66.40
			For Hot Dip Galvanizing, Add	37.39	
			For High Strength Low Alloy A572-50 Steel, Add	18.50	
			For High Strength Low Alloy A588 Steel, Add	41.11	
			For Each Additional Top Copes >2, Add	1.35	
			For Structural Tees, WT, MT Or ST, Deduct	-61.32	
			For Skewed Or Sloped Connections, Add	24.67	
05 12 23 00-0274	LF		W24 x 62 A992/A36 Structural Beam Or Girder	198.13	66.02
			For Hot Dip Galvanizing, Add	35.43	
			For High Strength Low Alloy A572-50 Steel, Add	17.63	
			For High Strength Low Alloy A588 Steel, Add	39.63	
			For Each Additional Top Copes >2, Add	1.28	
			For Structural Tees, WT, MT Or ST, Deduct	-58.78	
			For Skewed Or Sloped Connections, Add	23.78	
05 12 23 00-0275	LF		W24 x 55 A992/A36 Structural Beam Or Girder	187.93	65.76
			For Hot Dip Galvanizing, Add	32.71	
			For High Strength Low Alloy A572-50 Steel, Add	16.91	
			For High Strength Low Alloy A588 Steel, Add	37.59	
			For Each Additional Top Copes >2, Add	1.18	
			For Structural Tees, WT, MT Or ST, Deduct	-55.27	
			For Skewed Or Sloped Connections, Add	22.55	
05 12 23 00-0276	LF		W21 x 147 A992/A36 Structural Beam Or Girder	336.73	67.51
			For Hot Dip Galvanizing, Add	73.46	
			For High Strength Low Alloy A572-50 Steel, Add	30.31	
			For High Strength Low Alloy A588 Steel, Add	67.35	
			For Each Additional Top Copes >2, Add	2.65	
			For Structural Tees, WT, MT Or ST, Deduct	-107.05	
			For Skewed Or Sloped Connections, Add	40.41	
05 12 23 00-0277	LF		W21 x 132 A992/A36 Structural Beam Or Girder	306.51	64.50
			For Hot Dip Galvanizing, Add	65.96	
			For High Strength Low Alloy A572-50 Steel, Add	27.59	
			For High Strength Low Alloy A588 Steel, Add	61.30	
			For Each Additional Top Copes >2, Add	2.38	
			For Structural Tees, WT, MT Or ST, Deduct	-96.96	
			For Skewed Or Sloped Connections, Add	36.78	
05 12 23 00-0278	LF		W21 x 122 A992/A36 Structural Beam Or Girder	287.34	63.42
			For Hot Dip Galvanizing, Add	60.97	
			For High Strength Low Alloy A572-50 Steel, Add	25.86	
			For High Strength Low Alloy A588 Steel, Add	57.47	
			For Each Additional Top Copes >2, Add	2.20	
			For Structural Tees, WT, MT Or ST, Deduct	-90.42	
			For Skewed Or Sloped Connections, Add	34.48	

05 Metals**05 10 Structural Metal Framing****05 12 Structural Steel Framing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0279	LF	W21 x 111 A992/A36	Structural Beam Or Girder	265.37	61.38
			For Hot Dip Galvanizing, Add	55.47	
			For High Strength Low Alloy A572-50 Steel, Add	23.88	
			For High Strength Low Alloy A588 Steel, Add	53.07	
			For Each Additional Top Copes >2, Add	2.00	
			For Structural Tees, WT, MT Or ST, Deduct	-83.06	
			For Skewed Or Sloped Connections, Add	31.84	
05 12 23 00-0280	LF	W21 x 101 A992/A36	Structural Beam Or Girder	245.25	59.42
			For Hot Dip Galvanizing, Add	50.47	
			For High Strength Low Alloy A572-50 Steel, Add	22.07	
			For High Strength Low Alloy A588 Steel, Add	49.05	
			For Each Additional Top Copes >2, Add	1.82	
			For Structural Tees, WT, MT Or ST, Deduct	-76.33	
			For Skewed Or Sloped Connections, Add	29.43	
05 12 23 00-0281	LF	W21 x 93 A992/A36	Structural Beam Or Girder	240.09	68.05
			For Hot Dip Galvanizing, Add	46.48	
			For High Strength Low Alloy A572-50 Steel, Add	21.61	
			For High Strength Low Alloy A588 Steel, Add	48.02	
			For Each Additional Top Copes >2, Add	1.67	
			For Structural Tees, WT, MT Or ST, Deduct	-73.14	
			For Skewed Or Sloped Connections, Add	28.81	
05 12 23 00-0282	LF	W21 x 83 A992/A36	Structural Beam Or Girder	226.78	67.28
			For Hot Dip Galvanizing, Add	42.99	
			For High Strength Low Alloy A572-50 Steel, Add	20.41	
			For High Strength Low Alloy A588 Steel, Add	45.36	
			For Each Additional Top Copes >2, Add	1.55	
			For Structural Tees, WT, MT Or ST, Deduct	-68.60	
			For Skewed Or Sloped Connections, Add	27.21	
05 12 23 00-0283	LF	W21 x 73 A992/A36	Structural Beam Or Girder	210.45	66.78
			For Hot Dip Galvanizing, Add	38.64	
			For High Strength Low Alloy A572-50 Steel, Add	18.94	
			For High Strength Low Alloy A588 Steel, Add	42.09	
			For Each Additional Top Copes >2, Add	1.39	
			For Structural Tees, WT, MT Or ST, Deduct	-62.98	
			For Skewed Or Sloped Connections, Add	25.25	
05 12 23 00-0284	LF	W21 x 68 A992/A36	Structural Beam Or Girder	202.23	66.40
			For Hot Dip Galvanizing, Add	36.46	
			For High Strength Low Alloy A572-50 Steel, Add	18.20	
			For High Strength Low Alloy A588 Steel, Add	40.45	
			For Each Additional Top Copes >2, Add	1.31	
			For Structural Tees, WT, MT Or ST, Deduct	-60.15	
			For Skewed Or Sloped Connections, Add	24.27	
05 12 23 00-0285	LF	W21 x 62 A992/A36	Structural Beam Or Girder	194.79	66.02
			For Hot Dip Galvanizing, Add	34.50	
			For High Strength Low Alloy A572-50 Steel, Add	17.53	
			For High Strength Low Alloy A588 Steel, Add	38.96	
			For Each Additional Top Copes >2, Add	1.24	
			For Structural Tees, WT, MT Or ST, Deduct	-57.61	
			For Skewed Or Sloped Connections, Add	23.37	
05 12 23 00-0286	LF	W21 x 57 A992/A36	Structural Beam Or Girder	188.06	65.90
			For Hot Dip Galvanizing, Add	32.71	
			For High Strength Low Alloy A572-50 Steel, Add	16.93	
			For High Strength Low Alloy A588 Steel, Add	37.61	
			For Each Additional Top Copes >2, Add	1.18	
			For Structural Tees, WT, MT Or ST, Deduct	-55.29	
			For Skewed Or Sloped Connections, Add	22.57	
05 12 23 00-0287	LF	W21 x 50 A992/A36	Structural Beam Or Girder	166.77	57.15
			For Hot Dip Galvanizing, Add	29.33	
			For High Strength Low Alloy A572-50 Steel, Add	15.01	
			For High Strength Low Alloy A588 Steel, Add	33.35	
			For Each Additional Top Copes >2, Add	1.06	
			For Structural Tees, WT, MT Or ST, Deduct	-49.21	
			For Skewed Or Sloped Connections, Add	20.01	
05 12 23 00-0288	LF	W21 x 44 A992/A36	Structural Beam Or Girder	158.95	56.90
			For Hot Dip Galvanizing, Add	27.26	
			For High Strength Low Alloy A572-50 Steel, Add	14.31	
			For High Strength Low Alloy A588 Steel, Add	31.79	
			For Each Additional Top Copes >2, Add	0.98	
			For Structural Tees, WT, MT Or ST, Deduct	-46.53	
			For Skewed Or Sloped Connections, Add	19.07	
05 12 23 00-0289	LF	W18 x 119 A992/A36	Structural Beam Or Girder	279.37	63.20
			For Hot Dip Galvanizing, Add	58.82	
			For High Strength Low Alloy A572-50 Steel, Add	25.14	
			For High Strength Low Alloy A588 Steel, Add	55.87	
			For Each Additional Top Copes >2, Add	2.12	
			For Structural Tees, WT, MT Or ST, Deduct	-87.67	
			For Skewed Or Sloped Connections, Add	33.52	
05 12 23 00-0290	LF	W18 x 106 A992/A36	Structural Beam Or Girder	252.68	59.89
			For Hot Dip Galvanizing, Add	52.39	
			For High Strength Low Alloy A572-50 Steel, Add	22.74	
			For High Strength Low Alloy A588 Steel, Add	50.54	
			For Each Additional Top Copes >2, Add	1.89	
			For Structural Tees, WT, MT Or ST, Deduct	-78.86	
			For Skewed Or Sloped Connections, Add	30.32	



		Metals	05	05
		Structural Metal Framing	05 10	
		Structural Steel Framing	05 12	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0291	LF		W18 x 97 A992/A36 Structural Beam Or Girder	245.51	68.05
			For Hot Dip Galvanizing, Add	47.94	
			For High Strength Low Alloy A572-50 Steel, Add	22.10	
			For High Strength Low Alloy A588 Steel, Add	49.10	
			For Each Additional Top Copes >2, Add	1.73	
			For Structural Tees, WT, MT Or ST, Deduct	-75.02	
			For Skewed Or Sloped Connections, Add	29.46	
05 12 23 00-0292	LF		W18 x 86 A992/A36 Structural Beam Or Girder	230.23	67.41
			For Hot Dip Galvanizing, Add	43.92	
			For High Strength Low Alloy A572-50 Steel, Add	20.72	
			For High Strength Low Alloy A588 Steel, Add	46.05	
			For Each Additional Top Copes >2, Add	1.58	
			For Structural Tees, WT, MT Or ST, Deduct	-69.79	
			For Skewed Or Sloped Connections, Add	27.63	
05 12 23 00-0293	LF		W18 x 76 A992/A36 Structural Beam Or Girder	216.45	66.78
			For Hot Dip Galvanizing, Add	40.27	
			For High Strength Low Alloy A572-50 Steel, Add	19.48	
			For High Strength Low Alloy A588 Steel, Add	43.29	
			For Each Additional Top Copes >2, Add	1.45	
			For Structural Tees, WT, MT Or ST, Deduct	-65.06	
			For Skewed Or Sloped Connections, Add	25.97	
05 12 23 00-0294	LF		W18 x 71 A992/A36 Structural Beam Or Girder	206.41	66.65
			For Hot Dip Galvanizing, Add	37.55	
			For High Strength Low Alloy A572-50 Steel, Add	18.58	
			For High Strength Low Alloy A588 Steel, Add	41.28	
			For Each Additional Top Copes >2, Add	1.35	
			For Structural Tees, WT, MT Or ST, Deduct	-61.58	
			For Skewed Or Sloped Connections, Add	24.77	
05 12 23 00-0295	LF		W18 x 65 A992/A36 Structural Beam Or Girder	196.61	66.40
			For Hot Dip Galvanizing, Add	34.94	
			For High Strength Low Alloy A572-50 Steel, Add	17.69	
			For High Strength Low Alloy A588 Steel, Add	39.32	
			For Each Additional Top Copes >2, Add	1.26	
			For Structural Tees, WT, MT Or ST, Deduct	-58.21	
			For Skewed Or Sloped Connections, Add	23.59	
05 12 23 00-0296	LF		W18 x 60 A992/A36 Structural Beam Or Girder	187.79	65.90
			For Hot Dip Galvanizing, Add	32.60	
			For High Strength Low Alloy A572-50 Steel, Add	16.90	
			For High Strength Low Alloy A588 Steel, Add	37.56	
			For Each Additional Top Copes >2, Add	1.17	
			For Structural Tees, WT, MT Or ST, Deduct	-55.18	
			For Skewed Or Sloped Connections, Add	22.53	
05 12 23 00-0297	LF		W18 x 55 A992/A36 Structural Beam Or Girder	178.91	65.76
			For Hot Dip Galvanizing, Add	30.20	
			For High Strength Low Alloy A572-50 Steel, Add	16.10	
			For High Strength Low Alloy A588 Steel, Add	35.78	
			For Each Additional Top Copes >2, Add	1.09	
			For Structural Tees, WT, MT Or ST, Deduct	-52.11	
			For Skewed Or Sloped Connections, Add	21.47	
05 12 23 00-0298	LF		W18 x 50 A992/A36 Structural Beam Or Girder	161.28	57.15
			For Hot Dip Galvanizing, Add	27.81	
			For High Strength Low Alloy A572-50 Steel, Add	14.52	
			For High Strength Low Alloy A588 Steel, Add	32.26	
			For Each Additional Top Copes >2, Add	1.00	
			For Structural Tees, WT, MT Or ST, Deduct	-47.29	
			For Skewed Or Sloped Connections, Add	19.35	
05 12 23 00-0299	LF		W18 x 46 A992/A36 Structural Beam Or Girder	154.36	57.02
			For Hot Dip Galvanizing, Add	25.96	
			For High Strength Low Alloy A572-50 Steel, Add	13.89	
			For High Strength Low Alloy A588 Steel, Add	30.87	
			For Each Additional Top Copes >2, Add	0.94	
			For Structural Tees, WT, MT Or ST, Deduct	-44.90	
			For Skewed Or Sloped Connections, Add	18.52	
05 12 23 00-0300	LF		W18 x 40 A992/A36 Structural Beam Or Girder	135.10	48.66
			For Hot Dip Galvanizing, Add	23.07	
			For High Strength Low Alloy A572-50 Steel, Add	12.16	
			For High Strength Low Alloy A588 Steel, Add	27.02	
			For Each Additional Top Copes >2, Add	0.83	
			For Structural Tees, WT, MT Or ST, Deduct	-39.49	
			For Skewed Or Sloped Connections, Add	16.21	
05 12 23 00-0301	LF		W18 x 35 A992/A36 Structural Beam Or Girder	126.42	48.53
			For Hot Dip Galvanizing, Add	20.73	
			For High Strength Low Alloy A572-50 Steel, Add	11.38	
			For High Strength Low Alloy A588 Steel, Add	25.28	
			For Each Additional Top Copes >2, Add	0.75	
			For Structural Tees, WT, MT Or ST, Deduct	-36.49	
			For Skewed Or Sloped Connections, Add	15.17	
05 12 23 00-0302	LF		W16 x 100 A992/A36 Structural Beam Or Girder	232.85	44.22
			For Hot Dip Galvanizing, Add	51.54	
			For High Strength Low Alloy A572-50 Steel, Add	20.96	
			For High Strength Low Alloy A588 Steel, Add	46.57	
			For Each Additional Top Copes >2, Add	1.86	
			For Structural Tees, WT, MT Or ST, Deduct	-74.43	
			For Skewed Or Sloped Connections, Add	27.94	

05 Metals**05 10 Structural Metal Framing****05 12 Structural Steel Framing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0303	LF		W16 x 89 A992/A36 Structural Beam Or Girder	213.26	43.46
			For Hot Dip Galvanizing, Add	46.31	
			For High Strength Low Alloy A572-50 Steel, Add	19.19	
			For High Strength Low Alloy A588 Steel, Add	42.65	
			For Each Additional Top Copes >2, Add	1.67	
			For Structural Tees, WT, MT Or ST, Deduct	-67.69	
			For Skewed Or Sloped Connections, Add	25.59	
05 12 23 00-0304	LF		W16 x 77 A992/A36 Structural Beam Or Girder	192.24	42.96
			For Hot Dip Galvanizing, Add	40.65	
			For High Strength Low Alloy A572-50 Steel, Add	17.30	
			For High Strength Low Alloy A588 Steel, Add	38.45	
			For Each Additional Top Copes >2, Add	1.46	
			For Structural Tees, WT, MT Or ST, Deduct	-60.42	
			For Skewed Or Sloped Connections, Add	23.07	
05 12 23 00-0305	LF		W16 x 67 A992/A36 Structural Beam Or Girder	174.35	42.32
			For Hot Dip Galvanizing, Add	35.86	
			For High Strength Low Alloy A572-50 Steel, Add	15.69	
			For High Strength Low Alloy A588 Steel, Add	34.87	
			For Each Additional Top Copes >2, Add	1.29	
			For Structural Tees, WT, MT Or ST, Deduct	-54.26	
			For Skewed Or Sloped Connections, Add	20.92	
05 12 23 00-0306	LF		W16 x 57 A992/A36 Structural Beam Or Girder	156.64	41.69
			For Hot Dip Galvanizing, Add	31.13	
			For High Strength Low Alloy A572-50 Steel, Add	14.10	
			For High Strength Low Alloy A588 Steel, Add	31.33	
			For Each Additional Top Copes >2, Add	1.12	
			For Structural Tees, WT, MT Or ST, Deduct	-48.15	
			For Skewed Or Sloped Connections, Add	18.80	
05 12 23 00-0307	LF		W16 x 50 A992/A36 Structural Beam Or Girder	144.31	41.31
			For Hot Dip Galvanizing, Add	27.81	
			For High Strength Low Alloy A572-50 Steel, Add	12.99	
			For High Strength Low Alloy A588 Steel, Add	28.86	
			For Each Additional Top Copes >2, Add	1.00	
			For Structural Tees, WT, MT Or ST, Deduct	-43.89	
			For Skewed Or Sloped Connections, Add	17.32	
05 12 23 00-0308	LF		W16 x 45 A992/A36 Structural Beam Or Girder	135.63	41.06
			For Hot Dip Galvanizing, Add	25.47	
			For High Strength Low Alloy A572-50 Steel, Add	12.21	
			For High Strength Low Alloy A588 Steel, Add	27.13	
			For Each Additional Top Copes >2, Add	0.92	
			For Structural Tees, WT, MT Or ST, Deduct	-40.89	
			For Skewed Or Sloped Connections, Add	16.28	
05 12 23 00-0309	LF		W16 x 40 A992/A36 Structural Beam Or Girder	126.61	40.67
			For Hot Dip Galvanizing, Add	23.07	
			For High Strength Low Alloy A572-50 Steel, Add	11.39	
			For High Strength Low Alloy A588 Steel, Add	25.32	
			For Each Additional Top Copes >2, Add	0.83	
			For Structural Tees, WT, MT Or ST, Deduct	-37.79	
			For Skewed Or Sloped Connections, Add	15.19	
05 12 23 00-0310	LF		W16 x 36 A992/A36 Structural Beam Or Girder	119.56	40.42
			For Hot Dip Galvanizing, Add	21.22	
			For High Strength Low Alloy A572-50 Steel, Add	10.76	
			For High Strength Low Alloy A588 Steel, Add	23.91	
			For Each Additional Top Copes >2, Add	0.76	
			For Structural Tees, WT, MT Or ST, Deduct	-35.38	
			For Skewed Or Sloped Connections, Add	14.35	
05 12 23 00-0311	LF		W16 x 31 A992/A36 Structural Beam Or Girder	102.19	32.19
			For Hot Dip Galvanizing, Add	18.83	
			For High Strength Low Alloy A572-50 Steel, Add	9.20	
			For High Strength Low Alloy A588 Steel, Add	20.44	
			For Each Additional Top Copes >2, Add	0.68	
			For Structural Tees, WT, MT Or ST, Deduct	-30.62	
			For Skewed Or Sloped Connections, Add	12.26	
05 12 23 00-0312	LF		W16 x 26 A992/A36 Structural Beam Or Girder	90.85	31.81
			For Hot Dip Galvanizing, Add	15.79	
			For High Strength Low Alloy A572-50 Steel, Add	8.18	
			For High Strength Low Alloy A588 Steel, Add	18.17	
			For Each Additional Top Copes >2, Add	0.57	
			For Structural Tees, WT, MT Or ST, Deduct	-26.70	
			For Skewed Or Sloped Connections, Add	10.90	
05 12 23 00-0313	LF		W14 x 99 A992/A36 Structural Beam Or Girder	222.60	36.24
			For Hot Dip Galvanizing, Add	51.05	
			For High Strength Low Alloy A572-50 Steel, Add	20.03	
			For High Strength Low Alloy A588 Steel, Add	44.52	
			For Each Additional Top Copes >2, Add	1.84	
			For Structural Tees, WT, MT Or ST, Deduct	-72.11	
			For Skewed Or Sloped Connections, Add	26.71	
05 12 23 00-0314	LF		W14 x 90 A992/A36 Structural Beam Or Girder	206.66	35.61
			For Hot Dip Galvanizing, Add	46.80	
			For High Strength Low Alloy A572-50 Steel, Add	18.60	
			For High Strength Low Alloy A588 Steel, Add	41.33	
			For Each Additional Top Copes >2, Add	1.69	
			For Structural Tees, WT, MT Or ST, Deduct	-66.63	
			For Skewed Or Sloped Connections, Add	24.80	



		Metals	05	05
		Structural Metal Framing	05 10	
		Structural Steel Framing	05 12	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0315	LF		W14 x 82 A992/A36 Structural Beam Or Girder	192.44	35.22
			For Hot Dip Galvanizing, Add	42.99	
			For High Strength Low Alloy A572-50 Steel, Add	17.32	
			For High Strength Low Alloy A588 Steel, Add	38.49	
			For Each Additional Top Copes >2, Add	1.55	
			For Structural Tees, WT, MT Or ST, Deduct	-61.73	
			For Skewed Or Sloped Connections, Add	23.09	
05 12 23 00-0316	LF		W14 x 74 A992/A36 Structural Beam Or Girder	178.21	34.72
			For Hot Dip Galvanizing, Add	39.18	
			For High Strength Low Alloy A572-50 Steel, Add	16.04	
			For High Strength Low Alloy A588 Steel, Add	35.64	
			For Each Additional Top Copes >2, Add	1.41	
			For Structural Tees, WT, MT Or ST, Deduct	-56.82	
			For Skewed Or Sloped Connections, Add	21.39	
05 12 23 00-0317	LF		W14 x 68 A992/A36 Structural Beam Or Girder	167.62	34.34
			For Hot Dip Galvanizing, Add	36.35	
			For High Strength Low Alloy A572-50 Steel, Add	15.09	
			For High Strength Low Alloy A588 Steel, Add	33.52	
			For Each Additional Top Copes >2, Add	1.31	
			For Structural Tees, WT, MT Or ST, Deduct	-53.17	
			For Skewed Or Sloped Connections, Add	20.11	
05 12 23 00-0318	LF		W14 x 61 A992/A36 Structural Beam Or Girder	155.28	33.96
			For Hot Dip Galvanizing, Add	33.03	
			For High Strength Low Alloy A572-50 Steel, Add	13.98	
			For High Strength Low Alloy A588 Steel, Add	31.06	
			For Each Additional Top Copes >2, Add	1.19	
			For Structural Tees, WT, MT Or ST, Deduct	-48.91	
			For Skewed Or Sloped Connections, Add	18.63	
05 12 23 00-0319	LF		W14 x 53 A992/A36 Structural Beam Or Girder	141.25	33.45
			For Hot Dip Galvanizing, Add	29.28	
			For High Strength Low Alloy A572-50 Steel, Add	12.71	
			For High Strength Low Alloy A588 Steel, Add	28.25	
			For Each Additional Top Copes >2, Add	1.06	
			For Structural Tees, WT, MT Or ST, Deduct	-44.08	
			For Skewed Or Sloped Connections, Add	16.95	
05 12 23 00-0320	LF		W14 x 48 A992/A36 Structural Beam Or Girder	132.23	33.07
			For Hot Dip Galvanizing, Add	26.88	
			For High Strength Low Alloy A572-50 Steel, Add	11.90	
			For High Strength Low Alloy A588 Steel, Add	26.45	
			For Each Additional Top Copes >2, Add	0.97	
			For Structural Tees, WT, MT Or ST, Deduct	-40.98	
			For Skewed Or Sloped Connections, Add	15.87	
05 12 23 00-0321	LF		W14 x 43 A992/A36 Structural Beam Or Girder	123.35	32.95
			For Hot Dip Galvanizing, Add	24.49	
			For High Strength Low Alloy A572-50 Steel, Add	11.10	
			For High Strength Low Alloy A588 Steel, Add	24.67	
			For Each Additional Top Copes >2, Add	0.88	
			For Structural Tees, WT, MT Or ST, Deduct	-37.91	
			For Skewed Or Sloped Connections, Add	14.80	
05 12 23 00-0322	LF		W14 x 38 A992/A36 Structural Beam Or Girder	114.54	32.70
			For Hot Dip Galvanizing, Add	22.15	
			For High Strength Low Alloy A572-50 Steel, Add	10.31	
			For High Strength Low Alloy A588 Steel, Add	22.91	
			For Each Additional Top Copes >2, Add	0.80	
			For Structural Tees, WT, MT Or ST, Deduct	-34.88	
			For Skewed Or Sloped Connections, Add	13.74	
05 12 23 00-0323	LF		W14 x 34 A992/A36 Structural Beam Or Girder	107.41	32.31
			For Hot Dip Galvanizing, Add	20.24	
			For High Strength Low Alloy A572-50 Steel, Add	9.67	
			For High Strength Low Alloy A588 Steel, Add	21.48	
			For Each Additional Top Copes >2, Add	0.73	
			For Structural Tees, WT, MT Or ST, Deduct	-32.42	
			For Skewed Or Sloped Connections, Add	12.89	
05 12 23 00-0324	LF		W14 x 30 A992/A36 Structural Beam Or Girder	100.30	32.19
			For Hot Dip Galvanizing, Add	18.34	
			For High Strength Low Alloy A572-50 Steel, Add	9.03	
			For High Strength Low Alloy A588 Steel, Add	20.06	
			For Each Additional Top Copes >2, Add	0.66	
			For Structural Tees, WT, MT Or ST, Deduct	-29.97	
			For Skewed Or Sloped Connections, Add	12.04	
05 12 23 00-0325	LF		W14 x 26 A992/A36 Structural Beam Or Girder	93.18	31.81
			For Hot Dip Galvanizing, Add	16.43	
			For High Strength Low Alloy A572-50 Steel, Add	8.39	
			For High Strength Low Alloy A588 Steel, Add	18.64	
			For Each Additional Top Copes >2, Add	0.59	
			For Structural Tees, WT, MT Or ST, Deduct	-27.52	
			For Skewed Or Sloped Connections, Add	11.18	
05 12 23 00-0326	LF		W14 x 22 A992/A36 Structural Beam Or Girder	86.27	31.67
			For Hot Dip Galvanizing, Add	14.59	
			For High Strength Low Alloy A572-50 Steel, Add	7.76	
			For High Strength Low Alloy A588 Steel, Add	17.25	
			For Each Additional Top Copes >2, Add	0.53	
			For Structural Tees, WT, MT Or ST, Deduct	-25.14	
			For Skewed Or Sloped Connections, Add	10.35	

05 Metals**05 10 Structural Metal Framing****05 12 Structural Steel Framing**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0327 LF W12 x 87 A992/A36 Structural Beam Or Girder	201.45	35.48
For Hot Dip Galvanizing, Add	45.39	
For High Strength Low Alloy A572-50 Steel, Add	18.13	
For High Strength Low Alloy A588 Steel, Add	40.29	
For Each Additional Top Copes >2, Add	1.64	
For Structural Tees, WT, MT Or ST, Deduct	-64.82	
For Skewed Or Sloped Connections, Add	24.17	
05 12 23 00-0328 LF W12 x 79 A992/A36 Structural Beam Or Girder	187.21	34.97
For Hot Dip Galvanizing, Add	41.58	
For High Strength Low Alloy A572-50 Steel, Add	16.85	
For High Strength Low Alloy A588 Steel, Add	37.44	
For Each Additional Top Copes >2, Add	1.50	
For Structural Tees, WT, MT Or ST, Deduct	-59.92	
For Skewed Or Sloped Connections, Add	22.47	
05 12 23 00-0329 LF W12 x 72 A992/A36 Structural Beam Or Girder	174.73	34.60
For Hot Dip Galvanizing, Add	38.26	
For High Strength Low Alloy A572-50 Steel, Add	15.73	
For High Strength Low Alloy A588 Steel, Add	34.95	
For Each Additional Top Copes >2, Add	1.38	
For Structural Tees, WT, MT Or ST, Deduct	-55.63	
For Skewed Or Sloped Connections, Add	20.97	
05 12 23 00-0330 LF W12 x 65 A992/A36 Structural Beam Or Girder	162.40	34.21
For Hot Dip Galvanizing, Add	34.94	
For High Strength Low Alloy A572-50 Steel, Add	14.62	
For High Strength Low Alloy A588 Steel, Add	32.48	
For Each Additional Top Copes >2, Add	1.26	
For Structural Tees, WT, MT Or ST, Deduct	-51.37	
For Skewed Or Sloped Connections, Add	19.49	
05 12 23 00-0331 LF W12 x 58 A992/A36 Structural Beam Or Girder	149.93	33.71
For Hot Dip Galvanizing, Add	31.62	
For High Strength Low Alloy A572-50 Steel, Add	13.49	
For High Strength Low Alloy A588 Steel, Add	29.99	
For Each Additional Top Copes >2, Add	1.14	
For Structural Tees, WT, MT Or ST, Deduct	-47.08	
For Skewed Or Sloped Connections, Add	17.99	
05 12 23 00-0332 LF W12 x 53 A992/A36 Structural Beam Or Girder	141.25	33.45
For Hot Dip Galvanizing, Add	29.28	
For High Strength Low Alloy A572-50 Steel, Add	12.71	
For High Strength Low Alloy A588 Steel, Add	28.25	
For Each Additional Top Copes >2, Add	1.06	
For Structural Tees, WT, MT Or ST, Deduct	-44.08	
For Skewed Or Sloped Connections, Add	16.95	
05 12 23 00-0333 LF W12 x 50 A992/A36 Structural Beam Or Girder	135.69	33.32
For Hot Dip Galvanizing, Add	27.81	
For High Strength Low Alloy A572-50 Steel, Add	12.21	
For High Strength Low Alloy A588 Steel, Add	27.14	
For Each Additional Top Copes >2, Add	1.00	
For Structural Tees, WT, MT Or ST, Deduct	-42.17	
For Skewed Or Sloped Connections, Add	16.28	
05 12 23 00-0334 LF W12 x 45 A992/A36 Structural Beam Or Girder	127.00	33.07
For Hot Dip Galvanizing, Add	25.47	
For High Strength Low Alloy A572-50 Steel, Add	11.43	
For High Strength Low Alloy A588 Steel, Add	25.40	
For Each Additional Top Copes >2, Add	0.92	
For Structural Tees, WT, MT Or ST, Deduct	-39.17	
For Skewed Or Sloped Connections, Add	15.24	
05 12 23 00-0335 LF W12 x 40 A992/A36 Structural Beam Or Girder	109.37	24.59
For Hot Dip Galvanizing, Add	23.07	
For High Strength Low Alloy A572-50 Steel, Add	9.84	
For High Strength Low Alloy A588 Steel, Add	21.87	
For Each Additional Top Copes >2, Add	0.83	
For Structural Tees, WT, MT Or ST, Deduct	-34.35	
For Skewed Or Sloped Connections, Add	13.12	
05 12 23 00-0336 LF W12 x 35 A992/A36 Structural Beam Or Girder	100.69	24.46
For Hot Dip Galvanizing, Add	20.73	
For High Strength Low Alloy A572-50 Steel, Add	9.06	
For High Strength Low Alloy A588 Steel, Add	20.14	
For Each Additional Top Copes >2, Add	0.75	
For Structural Tees, WT, MT Or ST, Deduct	-31.35	
For Skewed Or Sloped Connections, Add	12.08	
05 12 23 00-0337 LF W12 x 30 A992/A36 Structural Beam Or Girder	91.69	24.07
For Hot Dip Galvanizing, Add	18.34	
For High Strength Low Alloy A572-50 Steel, Add	8.25	
For High Strength Low Alloy A588 Steel, Add	18.34	
For Each Additional Top Copes >2, Add	0.66	
For Structural Tees, WT, MT Or ST, Deduct	-28.25	
For Skewed Or Sloped Connections, Add	11.00	
05 12 23 00-0338 LF W12 x 26 A992/A36 Structural Beam Or Girder	84.57	23.82
For Hot Dip Galvanizing, Add	16.43	
For High Strength Low Alloy A572-50 Steel, Add	7.61	
For High Strength Low Alloy A588 Steel, Add	16.91	
For Each Additional Top Copes >2, Add	0.59	
For Structural Tees, WT, MT Or ST, Deduct	-25.80	
For Skewed Or Sloped Connections, Add	10.15	



			Metals	05	05
			Structural Metal Framing	05 10	
			Structural Steel Framing	05 12	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0339	LF		W12 x 22 A992/A36 Structural Beam Or Girder	77.65	23.57
			For Hot Dip Galvanizing, Add	14.59	
			For High Strength Low Alloy A572-50 Steel, Add	6.99	
			For High Strength Low Alloy A588 Steel, Add	15.53	
			For Each Additional Top Copes >2, Add	0.53	
			For Structural Tees, WT, MT Or ST, Deduct	-23.41	
			For Skewed Or Sloped Connections, Add	9.32	
05 12 23 00-0340	LF		W12 x 19 A992/A36 Structural Beam Or Girder	72.22	23.44
			For Hot Dip Galvanizing, Add	13.11	
			For High Strength Low Alloy A572-50 Steel, Add	6.50	
			For High Strength Low Alloy A588 Steel, Add	14.44	
			For Each Additional Top Copes >2, Add	0.47	
			For Structural Tees, WT, MT Or ST, Deduct	-21.53	
			For Skewed Or Sloped Connections, Add	8.67	
05 12 23 00-0341	LF		W12 x 16 A992/A36 Structural Beam Or Girder	66.87	23.06
			For Hot Dip Galvanizing, Add	11.70	
			For High Strength Low Alloy A572-50 Steel, Add	6.02	
			For High Strength Low Alloy A588 Steel, Add	13.37	
			For Each Additional Top Copes >2, Add	0.42	
			For Structural Tees, WT, MT Or ST, Deduct	-19.70	
			For Skewed Or Sloped Connections, Add	8.02	
05 12 23 00-0342	LF		W12 x 14 A992/A36 Structural Beam Or Girder	63.42	23.06
			For Hot Dip Galvanizing, Add	10.78	
			For High Strength Low Alloy A572-50 Steel, Add	5.71	
			For High Strength Low Alloy A588 Steel, Add	12.68	
			For Each Additional Top Copes >2, Add	0.39	
			For Structural Tees, WT, MT Or ST, Deduct	-18.51	
			For Skewed Or Sloped Connections, Add	7.61	
05 12 23 00-0343	LF		W10 x 68 A992/A36 Structural Beam Or Girder	159.53	26.49
			For Hot Dip Galvanizing, Add	36.46	
			For High Strength Low Alloy A572-50 Steel, Add	14.36	
			For High Strength Low Alloy A588 Steel, Add	31.91	
			For Each Additional Top Copes >2, Add	1.31	
			For Structural Tees, WT, MT Or ST, Deduct	-51.61	
			For Skewed Or Sloped Connections, Add	19.14	
05 12 23 00-0344	LF		W10 x 60 A992/A36 Structural Beam Or Girder	145.48	25.97
			For Hot Dip Galvanizing, Add	32.71	
			For High Strength Low Alloy A572-50 Steel, Add	13.09	
			For High Strength Low Alloy A588 Steel, Add	29.10	
			For Each Additional Top Copes >2, Add	1.18	
			For Structural Tees, WT, MT Or ST, Deduct	-46.78	
			For Skewed Or Sloped Connections, Add	17.46	
05 12 23 00-0345	LF		W10 x 54 A992/A36 Structural Beam Or Girder	134.72	25.47
			For Hot Dip Galvanizing, Add	29.82	
			For High Strength Low Alloy A572-50 Steel, Add	12.12	
			For High Strength Low Alloy A588 Steel, Add	26.94	
			For Each Additional Top Copes >2, Add	1.07	
			For Structural Tees, WT, MT Or ST, Deduct	-43.06	
			For Skewed Or Sloped Connections, Add	16.17	
05 12 23 00-0346	LF		W10 x 49 A992/A36 Structural Beam Or Girder	125.90	25.21
			For Hot Dip Galvanizing, Add	27.48	
			For High Strength Low Alloy A572-50 Steel, Add	11.33	
			For High Strength Low Alloy A588 Steel, Add	25.18	
			For Each Additional Top Copes >2, Add	0.99	
			For Structural Tees, WT, MT Or ST, Deduct	-40.04	
			For Skewed Or Sloped Connections, Add	15.11	
05 12 23 00-0347	LF		W10 x 45 A992/A36 Structural Beam Or Girder	118.78	25.09
			For Hot Dip Galvanizing, Add	25.58	
			For High Strength Low Alloy A572-50 Steel, Add	10.69	
			For High Strength Low Alloy A588 Steel, Add	23.76	
			For Each Additional Top Copes >2, Add	0.92	
			For Structural Tees, WT, MT Or ST, Deduct	-37.58	
			For Skewed Or Sloped Connections, Add	14.25	
05 12 23 00-0348	LF		W10 x 39 A992/A36 Structural Beam Or Girder	108.20	24.59
			For Hot Dip Galvanizing, Add	22.75	
			For High Strength Low Alloy A572-50 Steel, Add	9.74	
			For High Strength Low Alloy A588 Steel, Add	21.64	
			For Each Additional Top Copes >2, Add	0.82	
			For Structural Tees, WT, MT Or ST, Deduct	-33.94	
			For Skewed Or Sloped Connections, Add	12.98	
05 12 23 00-0349	LF		W10 x 33 A992/A36 Structural Beam Or Girder	97.63	24.20
			For Hot Dip Galvanizing, Add	19.92	
			For High Strength Low Alloy A572-50 Steel, Add	8.79	
			For High Strength Low Alloy A588 Steel, Add	19.53	
			For Each Additional Top Copes >2, Add	0.72	
			For Structural Tees, WT, MT Or ST, Deduct	-30.29	
			For Skewed Or Sloped Connections, Add	11.72	
05 12 23 00-0350	LF		W10 x 30 A992/A36 Structural Beam Or Girder	92.20	24.07
			For Hot Dip Galvanizing, Add	18.45	
			For High Strength Low Alloy A572-50 Steel, Add	8.30	
			For High Strength Low Alloy A588 Steel, Add	18.44	
			For Each Additional Top Copes >2, Add	0.66	
			For Structural Tees, WT, MT Or ST, Deduct	-28.41	
			For Skewed Or Sloped Connections, Add	11.06	

05 Metals**05 10 Structural Metal Framing****05 12 Structural Steel Framing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0351	LF		W10 x 26 A992/A36 Structural Beam Or Girder	85.28	23.95
			For Hot Dip Galvanizing, Add	16.60	
			For High Strength Low Alloy A572-50 Steel, Add	7.68	
			For High Strength Low Alloy A588 Steel, Add	17.06	
			For Each Additional Top Copes >2, Add	0.60	
			For Structural Tees, WT, MT Or ST, Deduct	-26.03	
			For Skewed Or Sloped Connections, Add	10.23	
05 12 23 00-0352	LF		W10 x 22 A992/A36 Structural Beam Or Girder	78.04	23.57
			For Hot Dip Galvanizing, Add	14.69	
			For High Strength Low Alloy A572-50 Steel, Add	7.02	
			For High Strength Low Alloy A588 Steel, Add	15.61	
			For Each Additional Top Copes >2, Add	0.53	
			For Structural Tees, WT, MT Or ST, Deduct	-23.55	
			For Skewed Or Sloped Connections, Add	9.36	
05 12 23 00-0353	LF		W10 x 19 A992/A36 Structural Beam Or Girder	72.81	23.44
			For Hot Dip Galvanizing, Add	13.28	
			For High Strength Low Alloy A572-50 Steel, Add	6.55	
			For High Strength Low Alloy A588 Steel, Add	14.56	
			For Each Additional Top Copes >2, Add	0.48	
			For Structural Tees, WT, MT Or ST, Deduct	-21.74	
			For Skewed Or Sloped Connections, Add	8.74	
05 12 23 00-0354	LF		W10 x 17 A992/A36 Structural Beam Or Girder	69.16	23.31
			For Hot Dip Galvanizing, Add	12.30	
			For High Strength Low Alloy A572-50 Steel, Add	6.22	
			For High Strength Low Alloy A588 Steel, Add	13.83	
			For Each Additional Top Copes >2, Add	0.44	
			For Structural Tees, WT, MT Or ST, Deduct	-20.48	
			For Skewed Or Sloped Connections, Add	8.30	
05 12 23 00-0355	LF		W10 x 15 A992/A36 Structural Beam Or Girder	65.70	23.06
			For Hot Dip Galvanizing, Add	11.37	
			For High Strength Low Alloy A572-50 Steel, Add	5.91	
			For High Strength Low Alloy A588 Steel, Add	13.14	
			For Each Additional Top Copes >2, Add	0.41	
			For Structural Tees, WT, MT Or ST, Deduct	-19.29	
			For Skewed Or Sloped Connections, Add	7.88	
05 12 23 00-0356	LF		W10 x 12 A992/A36 Structural Beam Or Girder	60.48	23.06
			For Hot Dip Galvanizing, Add	9.96	
			For High Strength Low Alloy A572-50 Steel, Add	5.44	
			For High Strength Low Alloy A588 Steel, Add	12.10	
			For Each Additional Top Copes >2, Add	0.36	
			For Structural Tees, WT, MT Or ST, Deduct	-17.48	
			For Skewed Or Sloped Connections, Add	7.26	
05 12 23 00-0357	LF		W8 x 35 A992/A36 Structural Beam Or Girder	101.08	24.46
			For Hot Dip Galvanizing, Add	20.84	
			For High Strength Low Alloy A572-50 Steel, Add	9.10	
			For High Strength Low Alloy A588 Steel, Add	20.22	
			For Each Additional Top Copes >2, Add	0.75	
			For Structural Tees, WT, MT Or ST, Deduct	-31.48	
			For Skewed Or Sloped Connections, Add	12.13	
05 12 23 00-0358	LF		W8 x 31 A992/A36 Structural Beam Or Girder	93.97	24.07
			For Hot Dip Galvanizing, Add	18.94	
			For High Strength Low Alloy A572-50 Steel, Add	8.46	
			For High Strength Low Alloy A588 Steel, Add	18.79	
			For Each Additional Top Copes >2, Add	0.68	
			For Structural Tees, WT, MT Or ST, Deduct	-29.03	
			For Skewed Or Sloped Connections, Add	11.28	
05 12 23 00-0359	LF		W8 x 28 A992/A36 Structural Beam Or Girder	100.50	22.69
			For Hot Dip Galvanizing, Add	21.17	
			For High Strength Low Alloy A572-50 Steel, Add	9.05	
			For High Strength Low Alloy A588 Steel, Add	20.10	
			For Each Additional Top Copes >2, Add	0.76	
			For Structural Tees, WT, MT Or ST, Deduct	-31.55	
			For Skewed Or Sloped Connections, Add	12.06	
05 12 23 00-0360	LF		W8 x 24 A992/A36 Structural Beam Or Girder	91.44	21.29
			For Hot Dip Galvanizing, Add	19.08	
			For High Strength Low Alloy A572-50 Steel, Add	8.23	
			For High Strength Low Alloy A588 Steel, Add	18.29	
			For Each Additional Top Copes >2, Add	0.69	
			For Structural Tees, WT, MT Or ST, Deduct	-28.60	
			For Skewed Or Sloped Connections, Add	10.97	
05 12 23 00-0361	LF		W8 x 21 A992/A36 Structural Beam Or Girder	85.06	19.76
			For Hot Dip Galvanizing, Add	17.73	
			For High Strength Low Alloy A572-50 Steel, Add	7.66	
			For High Strength Low Alloy A588 Steel, Add	17.01	
			For Each Additional Top Copes >2, Add	0.64	
			For Structural Tees, WT, MT Or ST, Deduct	-26.60	
			For Skewed Or Sloped Connections, Add	10.21	
05 12 23 00-0362	LF		W8 x 18 A992/A36 Structural Beam Or Girder	74.05	18.37
			For Hot Dip Galvanizing, Add	15.10	
			For High Strength Low Alloy A572-50 Steel, Add	6.66	
			For High Strength Low Alloy A588 Steel, Add	14.81	
			For Each Additional Top Copes >2, Add	0.54	
			For Structural Tees, WT, MT Or ST, Deduct	-22.97	
			For Skewed Or Sloped Connections, Add	8.89	



		Metals	05	05
		Structural Metal Framing	05 10	
		Structural Steel Framing	05 12	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0363	LF	W8 x 10 A992/A36 Structural Beam Or Girder For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Steel, Add For Each Additional Top Copes >2, Add For Structural Tees, WT, MT Or ST, Deduct For Skewed Or Sloped Connections, Add	37.98 6.67 3.42 7.60 0.24 -11.20 4.56	13.18
05 12 23 00-0364	LF	W6 x 9 A992/A36 Structural Beam Or Girder For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Steel, Add For Each Additional Top Copes >2, Add For Structural Tees, WT, MT Or ST, Deduct For Skewed Or Sloped Connections, Add	35.13 6.59 3.16 7.03 0.24 10.59 4.22	10.77
05 12 23 00-0365		A992/A36 Structural Steel, M Shapes (05 12 23 00-0147) Note: Includes material delivery and erection.		
05 12 23 00-0366	LF	M14 x 18 A992/A36 Structural Steel For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	67.14 13.71 6.04 13.43	16.65
05 12 23 00-0367	LF	M12 x 11.8 A992/A36 Structural Steel For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	48.08 8.99 4.33 9.62	14.73
05 12 23 00-0368	LF	M10 x 9 A992/A36 Structural Steel For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	37.29 6.85 3.36 7.46	11.82
05 12 23 00-0369	LF	M8 x 6.5 A992/A36 Structural Steel For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	26.93 4.95 2.42 5.39	8.53
05 12 23 00-0370	LF	M6 x 20 A992/A36 Structural Steel For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	76.42 15.23 6.88 15.28	20.40
05 12 23 00-0371	LF	M6 x 4.4 A992/A36 Structural Steel For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	18.22 3.34 1.64 3.64	5.77
05 12 23 00-0372	LF	M5 x 18.9 A992/A36 Structural Steel For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	73.56 14.36 6.62 14.71	20.40
05 12 23 00-0373	LF	M4 x 13 A992/A36 Structural Steel For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	60.31 10.83 5.43 12.06	20.02
05 12 23 00-0374		A992/A36 Structural Steel, S Shapes (05 12 23 00-0147) Note: Includes material delivery and erection.		
05 12 23 00-0375	LF	S24 x 121 A992/A36 Structural Steel For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	404.38 87.26 36.39 80.88	84.34
05 12 23 00-0376	LF	S24 x 106 A992/A36 Structural Steel For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	358.40 76.45 32.26 71.68	77.78
05 12 23 00-0377	LF	S24 x 100 A992/A36 Structural Steel For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	342.23 72.12 30.80 68.45	77.23
05 12 23 00-0378	LF	S24 x 90 A992/A36 Structural Steel For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	311.91 64.91 28.07 62.38	73.16
05 12 23 00-0379	LF	S24 x 80 A992/A36 Structural Steel For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	280.89 57.70 25.28 56.18	68.47
05 12 23 00-0380	LF	S20 x 96 A992/A36 Structural Steel For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	328.54 69.23 29.57 65.71	74.14
05 12 23 00-0381	LF	S20 x 86 A992/A36 Structural Steel For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	298.04 62.02 26.82 59.61	69.92
05 12 23 00-0382	LF	S20 x 75 A992/A36 Structural Steel For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	263.33 54.09 23.70 52.67	64.19

05 Metals**05 10 Structural Metal Framing****05 12 Structural Steel Framing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0383	LF		S20 x 66 A992/A36 Structural Steel	234.90	59.45
			For Hot Dip Galvanizing, Add	47.60	
			For High Strength Low Alloy A572-50 Steel, Add	21.14	
			For High Strength Low Alloy A588 Grade B Steel, Add	46.98	
05 12 23 00-0384	LF		S18 x 70 A992/A36 Structural Steel	249.15	63.06
			For Hot Dip Galvanizing, Add	50.48	
			For High Strength Low Alloy A572-50 Steel, Add	22.42	
			For High Strength Low Alloy A588 Grade B Steel, Add	49.83	
05 12 23 00-0385	LF		S18 x 54.7 A992/A36 Structural Steel	197.46	51.86
			For Hot Dip Galvanizing, Add	39.45	
			For High Strength Low Alloy A572-50 Steel, Add	17.77	
			For High Strength Low Alloy A588 Grade B Steel, Add	39.49	
05 12 23 00-0386	LF		S15 x 50 A992/A36 Structural Steel	183.15	49.91
			For Hot Dip Galvanizing, Add	36.06	
			For High Strength Low Alloy A572-50 Steel, Add	16.48	
			For High Strength Low Alloy A588 Grade B Steel, Add	36.63	
05 12 23 00-0387	LF		S15 x 42.9 A992/A36 Structural Steel	159.55	45.07
			For Hot Dip Galvanizing, Add	30.94	
			For High Strength Low Alloy A572-50 Steel, Add	14.36	
			For High Strength Low Alloy A588 Grade B Steel, Add	31.91	
05 12 23 00-0388	LF		S12 x 50 A992/A36 Structural Steel	180.49	47.41
			For Hot Dip Galvanizing, Add	36.06	
			For High Strength Low Alloy A572-50 Steel, Add	16.24	
			For High Strength Low Alloy A588 Grade B Steel, Add	36.10	
05 12 23 00-0389	LF		S12 x 40.8 A992/A36 Structural Steel	149.44	40.73
			For Hot Dip Galvanizing, Add	29.42	
			For High Strength Low Alloy A572-50 Steel, Add	13.45	
			For High Strength Low Alloy A588 Grade B Steel, Add	29.89	
05 12 23 00-0390	LF		S12 x 35 A992/A36 Structural Steel	130.16	36.77
			For Hot Dip Galvanizing, Add	25.24	
			For High Strength Low Alloy A572-50 Steel, Add	11.71	
			For High Strength Low Alloy A588 Grade B Steel, Add	26.03	
05 12 23 00-0391	LF		S12 x 31.8 A992/A36 Structural Steel	120.14	35.17
			For Hot Dip Galvanizing, Add	22.93	
			For High Strength Low Alloy A572-50 Steel, Add	10.81	
			For High Strength Low Alloy A588 Grade B Steel, Add	24.03	
05 12 23 00-0392	LF		S10 x 35 A992/A36 Structural Steel	132.23	38.72
			For Hot Dip Galvanizing, Add	25.24	
			For High Strength Low Alloy A572-50 Steel, Add	11.90	
			For High Strength Low Alloy A588 Grade B Steel, Add	26.45	
05 12 23 00-0393	LF		S10 x 25.4 A992/A36 Structural Steel	97.54	29.57
			For Hot Dip Galvanizing, Add	18.32	
			For High Strength Low Alloy A572-50 Steel, Add	8.78	
			For High Strength Low Alloy A588 Grade B Steel, Add	19.51	
05 12 23 00-0394	LF		S8 x 23 A992/A36 Structural Steel	88.32	26.77
			For Hot Dip Galvanizing, Add	16.59	
			For High Strength Low Alloy A572-50 Steel, Add	7.95	
			For High Strength Low Alloy A588 Grade B Steel, Add	17.66	
05 12 23 00-0395	LF		S8 x 18.4 A992/A36 Structural Steel	71.86	22.55
			For Hot Dip Galvanizing, Add	13.27	
			For High Strength Low Alloy A572-50 Steel, Add	6.47	
			For High Strength Low Alloy A588 Grade B Steel, Add	14.37	
05 12 23 00-0396	LF		S7 x 20 A992/A36 Structural Steel	78.11	24.51
			For Hot Dip Galvanizing, Add	14.42	
			For High Strength Low Alloy A572-50 Steel, Add	7.03	
			For High Strength Low Alloy A588 Grade B Steel, Add	15.62	
05 12 23 00-0397	LF		S7 x 15.3 A992/A36 Structural Steel	60.81	19.74
			For Hot Dip Galvanizing, Add	11.03	
			For High Strength Low Alloy A572-50 Steel, Add	5.47	
			For High Strength Low Alloy A588 Grade B Steel, Add	12.16	
05 12 23 00-0398	LF		S6 x 17.25 A992/A36 Structural Steel	67.65	21.40
			For Hot Dip Galvanizing, Add	12.44	
			For High Strength Low Alloy A572-50 Steel, Add	6.09	
			For High Strength Low Alloy A588 Grade B Steel, Add	13.53	
05 12 23 00-0399	LF		S6 x 12.5 A992/A36 Structural Steel	57.93	19.76
			For Hot Dip Galvanizing, Add	10.20	
			For High Strength Low Alloy A572-50 Steel, Add	5.21	
			For High Strength Low Alloy A588 Grade B Steel, Add	11.59	
05 12 23 00-0400	LF		S5 x 14.75 A992/A36 Structural Steel	61.73	20.15
			For Hot Dip Galvanizing, Add	11.19	
			For High Strength Low Alloy A572-50 Steel, Add	5.56	
			For High Strength Low Alloy A588 Grade B Steel, Add	12.35	
05 12 23 00-0401	LF		S5 x 10 A992/A36 Structural Steel	52.32	19.64
			For Hot Dip Galvanizing, Add	8.68	
			For High Strength Low Alloy A572-50 Steel, Add	4.71	
			For High Strength Low Alloy A588 Grade B Steel, Add	10.46	
05 12 23 00-0402	LF		S4 x 9.5 A992/A36 Structural Steel	50.87	19.64
			For Hot Dip Galvanizing, Add	8.28	
			For High Strength Low Alloy A572-50 Steel, Add	4.58	
			For High Strength Low Alloy A588 Grade B Steel, Add	10.17	
05 12 23 00-0403	LF		S4 x 7.7 A992/A36 Structural Steel	47.52	19.64
			For Hot Dip Galvanizing, Add	7.38	
			For High Strength Low Alloy A572-50 Steel, Add	4.28	
			For High Strength Low Alloy A588 Grade B Steel, Add	9.50	



		Metals	05	05
		Structural Metal Framing	05 10	
		Structural Steel Framing	05 12	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0404	LF		S3 x 7.5 A992/A36 Structural Steel For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	47.20 7.30 4.25 9.44	19.64
05 12 23 00-0405	LF		S3 x 5.7 A992/A36 Structural Steel For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	43.21 6.22 3.89 8.64	19.51
05 12 23 00-0406			A992/A36 Structural Steel, HP Shapes (05 12 23 00-0147) Note: Includes material delivery and erection.		
05 12 23 00-0407	LF		HP14 x 117 A992/A36 Structural Steel For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	249.97 61.98 22.50 49.99	24.99
05 12 23 00-0408	LF		HP14 x 102 A992/A36 Structural Steel For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	218.69 53.61 19.68 43.74	23.25
05 12 23 00-0409	LF		HP14 x 89 A992/A36 Structural Steel For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	194.81 47.61 17.53 38.96	21.81
05 12 23 00-0410	LF		HP14 x 73 A992/A36 Structural Steel For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	161.20 38.65 14.51 32.24	20.55
05 12 23 00-0411	LF		HP13 x 100 A992/A36 Structural Steel For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	214.41 52.76 19.30 42.88	22.80
05 12 23 00-0412	LF		HP13 x 87 A992/A36 Structural Steel For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	190.43 46.54 17.14 38.09	21.32
05 12 23 00-0413	LF		HP13 x 73 A992/A36 Structural Steel For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	161.20 38.65 14.51 32.24	20.55
05 12 23 00-0414	LF		HP13 x 60 A992/A36 Structural Steel For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	136.50 32.05 12.29 27.30	19.70
05 12 23 00-0415	LF		HP12 x 84 A992/A36 Structural Steel For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	179.58 43.18 16.16 35.92	22.49
05 12 23 00-0416	LF		HP12 x 74 A992/A36 Structural Steel For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	158.61 37.74 14.27 31.72	21.21
05 12 23 00-0417	LF		HP12 x 63 A992/A36 Structural Steel For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	136.50 32.11 12.29 27.30	19.50
05 12 23 00-0418	LF		HP12 x 53 A992/A36 Structural Steel For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	125.14 29.24 11.26 25.03	18.54
05 12 23 00-0419	LF		HP10 x 57 A992/A36 Structural Steel For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	131.84 30.96 11.87 26.37	19.02
05 12 23 00-0420	LF		HP10 x 42 A992/A36 Structural Steel For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	108.58 24.86 9.77 21.72	17.83
05 12 23 00-0421	LF		HP8 x 36 A992/A36 Structural Steel For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	94.37 21.21 8.49 18.87	16.81
05 12 23 00-0422			Lightweight Framing Steel Shapes (05 12 23) Note: Includes cutting to length. Excludes fasteners or welds. When used with structural steel shapes by TON, connecting bolts or welds are considered included with structural steel tasks by TON.		
05 12 23 00-0423			Angle Iron - L (05 12 23 00-0422)		
05 12 23 00-0424			1/8" Thick (05 12 23 00-0423)		

05 Metals**05 10 Structural Metal Framing****05 12 Structural Steel Framing**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0425	LF	1/2" x 1/2" x 1/8" Thick, Plain Steel Angle Iron.....	2.84	1.70
		For >100 To 250, Deduct	-0.17	
		For >250 To 500, Deduct	-0.24	
		For >500 To 1,000, Deduct	-0.37	
		For >1,000, Deduct	-0.50	
		For 316 Stainless Steel, Add	1.79	
		For Aluminum, Add	0.10	
		For Galvanized Steel, Add	0.35	
		For 304 Stainless Steel, Add	1.60	
		For High Strength Steel (HSS), Add	0.57	
05 12 23 00-0426	LF	3/4" x 1/2" x 1/8" Thick, Plain Steel Angle Iron.....	3.29	1.93
		For >100 To 250, Deduct	-0.19	
		For >250 To 500, Deduct	-0.28	
		For >500 To 1,000, Deduct	-0.42	
		For >1,000, Deduct	-0.57	
		For 316 Stainless Steel, Add	2.27	
		For Aluminum, Add	0.13	
		For Galvanized Steel, Add	0.44	
		For 304 Stainless Steel, Add	2.02	
		For High Strength Steel (HSS), Add	0.66	
05 12 23 00-0427	LF	3/4" x 3/4" x 1/8" Thick, Plain Steel Angle Iron.....	3.72	2.14
		For >100 To 250, Deduct	-0.21	
		For >250 To 500, Deduct	-0.31	
		For >500 To 1,000, Deduct	-0.47	
		For >1,000, Deduct	-0.63	
		For 316 Stainless Steel, Add	2.82	
		For Aluminum, Add	0.16	
		For Galvanized Steel, Add	0.55	
		For 304 Stainless Steel, Add	2.51	
		For High Strength Steel (HSS), Add	0.74	
05 12 23 00-0428	LF	1" x 3/4" x 1/8" Thick, Plain Steel Angle Iron.....	4.18	2.37
		For >100 To 250, Deduct	-0.24	
		For >250 To 500, Deduct	-0.34	
		For >500 To 1,000, Deduct	-0.53	
		For >1,000, Deduct	-0.71	
		For 316 Stainless Steel, Add	3.26	
		For Aluminum, Add	0.18	
		For Galvanized Steel, Add	0.63	
		For 304 Stainless Steel, Add	2.91	
		For High Strength Steel (HSS), Add	0.84	
05 12 23 00-0429	LF	1" x 1" x 1/8" Thick, Plain Steel Angle Iron.....	4.61	2.56
		For >100 To 250, Deduct	-0.26	
		For >250 To 500, Deduct	-0.37	
		For >500 To 1,000, Deduct	-0.57	
		For >1,000, Deduct	-0.77	
		For 316 Stainless Steel, Add	3.81	
		For Aluminum, Add	0.21	
		For Galvanized Steel, Add	0.74	
		For 304 Stainless Steel, Add	3.39	
		For High Strength Steel (HSS), Add	0.92	
05 12 23 00-0430	LF	1-1/4" x 1-1/4" x 1/8" Thick, Plain Steel Angle Iron.....	5.52	3.01
		For >100 To 250, Deduct	-0.30	
		For >250 To 500, Deduct	-0.44	
		For >500 To 1,000, Deduct	-0.68	
		For >1,000, Deduct	-0.92	
		For 316 Stainless Steel, Add	4.80	
		For Aluminum, Add	0.27	
		For Galvanized Steel, Add	0.93	
		For 304 Stainless Steel, Add	4.28	
		For High Strength Steel (HSS), Add	1.10	
05 12 23 00-0431	LF	1-1/2" x 1" x 1/8" Thick, Plain Steel Angle Iron.....	5.52	3.01
		For >100 To 250, Deduct	-0.30	
		For >250 To 500, Deduct	-0.44	
		For >500 To 1,000, Deduct	-0.68	
		For >1,000, Deduct	-0.92	
		For 316 Stainless Steel, Add	4.80	
		For Aluminum, Add	0.27	
		For Galvanized Steel, Add	0.93	
		For 304 Stainless Steel, Add	4.28	
		For High Strength Steel (HSS), Add	1.10	
05 12 23 00-0432	LF	1-1/2" x 1-1/2" x 1/8" Thick, Plain Steel Angle Iron.....	6.12	3.23
		For >100 To 250, Deduct	-0.32	
		For >250 To 500, Deduct	-0.48	
		For >500 To 1,000, Deduct	-0.74	
		For >1,000, Deduct	-1.00	
		For 316 Stainless Steel, Add	5.79	
		For Aluminum, Add	0.33	
		For Galvanized Steel, Add	1.12	
		For 304 Stainless Steel, Add	5.16	
		For High Strength Steel (HSS), Add	1.22	



		Metals	05	05
		Structural Metal Framing	05 10	
		Structural Steel Framing	05 12	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0433	LF		1-3/4" x 1-3/4" x 1/8" Thick, Plain Steel Angle Iron	6.60	3.34
			For >100 To 250, Deduct	-0.33	
			For >250 To 500, Deduct	-0.50	
			For >500 To 1,000, Deduct	-0.78	
			For >1,000, Deduct	-1.05	
			For 316 Stainless Steel, Add	6.85	
			For Aluminum, Add	0.39	
			For Galvanized Steel, Add	1.33	
			For 304 Stainless Steel, Add	6.10	
			For High Strength Steel (HSS), Add	1.32	
05 12 23 00-0434	LF		2" x 1-1/2" x 1/8" Thick, Plain Steel Angle Iron	6.60	3.34
			For >100 To 250, Deduct	-0.33	
			For >250 To 500, Deduct	-0.50	
			For >500 To 1,000, Deduct	-0.78	
			For >1,000, Deduct	-1.05	
			For 316 Stainless Steel, Add	6.85	
			For Aluminum, Add	0.39	
			For Galvanized Steel, Add	1.33	
			For 304 Stainless Steel, Add	6.10	
			For High Strength Steel (HSS), Add	1.32	
05 12 23 00-0435	LF		2" x 2" x 1/8" Thick, Plain Steel Angle Iron	7.07	3.46
			For >100 To 250, Deduct	-0.35	
			For >250 To 500, Deduct	-0.52	
			For >500 To 1,000, Deduct	-0.81	
			For >1,000, Deduct	-1.11	
			For 316 Stainless Steel, Add	7.87	
			For Aluminum, Add	0.44	
			For Galvanized Steel, Add	1.53	
			For 304 Stainless Steel, Add	7.01	
			For High Strength Steel (HSS), Add	1.41	
05 12 23 00-0436			3/16" Thick (05 12 23 00-0423)		
05 12 23 00-0437	LF		1" x 1" x 3/16" Thick, Plain Steel Angle Iron	5.33	2.71
			For >100 To 250, Deduct	-0.27	
			For >250 To 500, Deduct	-0.40	
			For >500 To 1,000, Deduct	-0.63	
			For >1,000, Deduct	-0.85	
			For 316 Stainless Steel, Add	5.50	
			For Aluminum, Add	0.31	
			For Galvanized Steel, Add	1.07	
			For 304 Stainless Steel, Add	4.90	
			For High Strength Steel (HSS), Add	1.07	
05 12 23 00-0438	LF		1-1/4" x 1-1/4" x 3/16" Thick, Plain Steel Angle Iron	6.45	3.18
			For >100 To 250, Deduct	-0.32	
			For >250 To 500, Deduct	-0.48	
			For >500 To 1,000, Deduct	-0.75	
			For >1,000, Deduct	-1.02	
			For 316 Stainless Steel, Add	7.04	
			For Aluminum, Add	0.40	
			For Galvanized Steel, Add	1.36	
			For 304 Stainless Steel, Add	6.27	
			For High Strength Steel (HSS), Add	1.29	
05 12 23 00-0439	LF		1-1/2" x 1" x 3/16" Thick, Plain Steel Angle Iron	6.45	3.18
			For >100 To 250, Deduct	-0.32	
			For >250 To 500, Deduct	-0.48	
			For >500 To 1,000, Deduct	-0.75	
			For >1,000, Deduct	-1.02	
			For 316 Stainless Steel, Add	7.04	
			For Aluminum, Add	0.40	
			For Galvanized Steel, Add	1.36	
			For 304 Stainless Steel, Add	6.27	
			For High Strength Steel (HSS), Add	1.29	
05 12 23 00-0440	LF		1-1/2" x 1-1/2" x 3/16" Thick, Plain Steel Angle Iron	7.22	3.42
			For >100 To 250, Deduct	-0.34	
			For >250 To 500, Deduct	-0.52	
			For >500 To 1,000, Deduct	-0.82	
			For >1,000, Deduct	-1.11	
			For 316 Stainless Steel, Add	8.54	
			For Aluminum, Add	0.48	
			For Galvanized Steel, Add	1.66	
			For 304 Stainless Steel, Add	7.61	
			For High Strength Steel (HSS), Add	1.44	
05 12 23 00-0441	LF		1-3/4" x 1-3/4" x 3/16" Thick, Plain Steel Angle Iron	7.88	3.54
			For >100 To 250, Deduct	-0.35	
			For >250 To 500, Deduct	-0.55	
			For >500 To 1,000, Deduct	-0.87	
			For >1,000, Deduct	-1.18	
			For 316 Stainless Steel, Add	10.11	
			For Aluminum, Add	0.57	
			For Galvanized Steel, Add	1.96	
			For 304 Stainless Steel, Add	9.01	
			For High Strength Steel (HSS), Add	1.58	

05 Metals**05 10 Structural Metal Framing****05 12 Structural Steel Framing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0442	LF		2" x 1-1/2" x 3/16" Thick, Plain Steel Angle Iron	7.88	3.54
			For >100 To 250, Deduct	-0.35	
			For >250 To 500, Deduct	-0.55	
			For >500 To 1,000, Deduct	-0.87	
			For >1,000, Deduct	-1.18	
			For 316 Stainless Steel, Add	10.11	
			For Aluminum, Add	0.57	
			For Galvanized Steel, Add	1.96	
			For 304 Stainless Steel, Add	9.01	
			For High Strength Steel (HSS), Add	1.58	
05 12 23 00-0443	LF		2" x 2" x 3/16" Thick, Plain Steel Angle Iron	8.51	3.66
			For >100 To 250, Deduct	-0.37	
			For >250 To 500, Deduct	-0.58	
			For >500 To 1,000, Deduct	-0.91	
			For >1,000, Deduct	-1.25	
			For 316 Stainless Steel, Add	11.62	
			For Aluminum, Add	0.65	
			For Galvanized Steel, Add	2.25	
			For 304 Stainless Steel, Add	10.35	
			For High Strength Steel (HSS), Add	1.70	
05 12 23 00-0444	LF		2-1/2" x 2" x 3/16" Thick, Plain Steel Angle Iron	9.32	3.92
			For >100 To 250, Deduct	-0.39	
			For >250 To 500, Deduct	-0.63	
			For >500 To 1,000, Deduct	-0.99	
			For >1,000, Deduct	-1.35	
			For 316 Stainless Steel, Add	13.09	
			For Aluminum, Add	0.74	
			For Galvanized Steel, Add	2.54	
			For 304 Stainless Steel, Add	11.66	
			For High Strength Steel (HSS), Add	1.86	
05 12 23 00-0445	LF		2-1/2" x 2-1/2" x 3/16" Thick, Plain Steel Angle Iron	10.18	4.20
			For >100 To 250, Deduct	-0.42	
			For >250 To 500, Deduct	-0.67	
			For >500 To 1,000, Deduct	-1.07	
			For >1,000, Deduct	-1.46	
			For 316 Stainless Steel, Add	14.66	
			For Aluminum, Add	0.82	
			For Galvanized Steel, Add	2.84	
			For 304 Stainless Steel, Add	13.05	
			For High Strength Steel (HSS), Add	2.04	
05 12 23 00-0446	LF		3" x 2" x 3/16" Thick, Plain Steel Angle Iron	10.17	4.20
			For >100 To 250, Deduct	-0.42	
			For >250 To 500, Deduct	-0.67	
			For >500 To 1,000, Deduct	-1.07	
			For >1,000, Deduct	-1.46	
			For 316 Stainless Steel, Add	14.62	
			For Aluminum, Add	0.82	
			For Galvanized Steel, Add	2.83	
			For 304 Stainless Steel, Add	13.02	
			For High Strength Steel (HSS), Add	2.03	
05 12 23 00-0447	LF		3" x 2-1/2" x 3/16" Thick, Plain Steel Angle Iron	11.24	4.63
			For >100 To 250, Deduct	-0.46	
			For >250 To 500, Deduct	-0.75	
			For >500 To 1,000, Deduct	-1.18	
			For >1,000, Deduct	-1.62	
			For 316 Stainless Steel, Add	16.16	
			For Aluminum, Add	0.91	
			For Galvanized Steel, Add	3.13	
			For 304 Stainless Steel, Add	14.39	
			For High Strength Steel (HSS), Add	2.25	
05 12 23 00-0448	LF		3" x 3" x 3/16" Thick, Plain Steel Angle Iron	12.29	5.08
			For >100 To 250, Deduct	-0.51	
			For >250 To 500, Deduct	-0.82	
			For >500 To 1,000, Deduct	-1.29	
			For >1,000, Deduct	-1.77	
			For 316 Stainless Steel, Add	17.66	
			For Aluminum, Add	0.99	
			For Galvanized Steel, Add	3.42	
			For 304 Stainless Steel, Add	15.73	
			For High Strength Steel (HSS), Add	2.46	
05 12 23 00-0449			1/4" Thick (05 12 23 00-0423)		
05 12 23 00-0450	LF		1" x 1" x 1/4" Thick, Plain Steel Angle Iron	6.37	3.13
			For >100 To 250, Deduct	-0.31	
			For >250 To 500, Deduct	-0.47	
			For >500 To 1,000, Deduct	-0.74	
			For >1,000, Deduct	-1.00	
			For 316 Stainless Steel, Add	7.01	
			For Aluminum, Add	0.39	
			For Galvanized Steel, Add	1.36	
			For 304 Stainless Steel, Add	6.24	
			For High Strength Steel (HSS), Add	1.27	



	Metals	05	05
	Structural Metal Framing	05 10	
	Structural Steel Framing	05 12	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0451	LF		1-1/4" x 1-1/4" x 1/4" Thick, Plain Steel Angle Iron	7.32	3.36
			For >100 To 250, Deduct	-0.34	
			For >250 To 500, Deduct	-0.52	
			For >500 To 1,000, Deduct	-0.82	
			For >1,000, Deduct	-1.11	
			For 316 Stainless Steel, Add	9.06	
			For Aluminum, Add	0.51	
			For Galvanized Steel, Add	1.75	
			For 304 Stainless Steel, Add	8.07	
			For High Strength Steel (HSS), Add	1.46	
05 12 23 00-0452	LF		1-1/2" x 1" x 1/4" Thick, Plain Steel Angle Iron	7.31	3.36
			For >100 To 250, Deduct	-0.34	
			For >250 To 500, Deduct	-0.52	
			For >500 To 1,000, Deduct	-0.81	
			For >1,000, Deduct	-1.11	
			For 316 Stainless Steel, Add	9.02	
			For Aluminum, Add	0.51	
			For Galvanized Steel, Add	1.75	
			For 304 Stainless Steel, Add	8.04	
			For High Strength Steel (HSS), Add	1.46	
05 12 23 00-0453	LF		1-1/2" x 1-1/2" x 1/4" Thick, Plain Steel Angle Iron	8.26	3.60
			For >100 To 250, Deduct	-0.36	
			For >250 To 500, Deduct	-0.57	
			For >500 To 1,000, Deduct	-0.89	
			For >1,000, Deduct	-1.22	
			For 316 Stainless Steel, Add	11.04	
			For Aluminum, Add	0.62	
			For Galvanized Steel, Add	2.14	
			For 304 Stainless Steel, Add	9.83	
			For High Strength Steel (HSS), Add	1.65	
05 12 23 00-0454	LF		1-3/4" x 1-3/4" x 1/4" Thick, Plain Steel Angle Iron	9.09	3.72
			For >100 To 250, Deduct	-0.37	
			For >250 To 500, Deduct	-0.60	
			For >500 To 1,000, Deduct	-0.95	
			For >1,000, Deduct	-1.30	
			For 316 Stainless Steel, Add	13.22	
			For Aluminum, Add	0.74	
			For Galvanized Steel, Add	2.56	
			For 304 Stainless Steel, Add	11.77	
			For High Strength Steel (HSS), Add	1.82	
05 12 23 00-0455	LF		2" x 1" x 1/4" Thick, Plain Steel Angle Iron	8.05	3.49
			For >100 To 250, Deduct	-0.34	
			For >250 To 500, Deduct	-0.54	
			For >500 To 1,000, Deduct	-0.86	
			For >1,000, Deduct	-1.18	
			For 316 Stainless Steel, Add	11.14	
			For Aluminum, Add	0.63	
			For Galvanized Steel, Add	2.16	
			For 304 Stainless Steel, Add	9.92	
			For High Strength Steel (HSS), Add	1.61	
05 12 23 00-0456	LF		2" x 1-1/2" x 1/4" Thick, Plain Steel Angle Iron	9.07	3.72
			For >100 To 250, Deduct	-0.37	
			For >250 To 500, Deduct	-0.60	
			For >500 To 1,000, Deduct	-0.95	
			For >1,000, Deduct	-1.30	
			For 316 Stainless Steel, Add	13.15	
			For Aluminum, Add	0.74	
			For Galvanized Steel, Add	2.55	
			For 304 Stainless Steel, Add	11.71	
			For High Strength Steel (HSS), Add	1.81	
05 12 23 00-0457	LF		2" x 2" x 1/4" Thick, Plain Steel Angle Iron	9.86	3.84
			For >100 To 250, Deduct	-0.38	
			For >250 To 500, Deduct	-0.63	
			For >500 To 1,000, Deduct	-1.01	
			For >1,000, Deduct	-1.38	
			For 316 Stainless Steel, Add	15.17	
			For Aluminum, Add	0.85	
			For Galvanized Steel, Add	2.94	
			For 304 Stainless Steel, Add	13.51	
			For High Strength Steel (HSS), Add	1.97	
05 12 23 00-0458	LF		2-1/2" x 2" x 1/4" Thick, Plain Steel Angle Iron	11.06	4.25
			For >100 To 250, Deduct	-0.43	
			For >250 To 500, Deduct	-0.70	
			For >500 To 1,000, Deduct	-1.12	
			For >1,000, Deduct	-1.54	
			For 316 Stainless Steel, Add	17.25	
			For Aluminum, Add	0.97	
			For Galvanized Steel, Add	3.34	
			For 304 Stainless Steel, Add	15.36	
			For High Strength Steel (HSS), Add	2.21	

05 Metals**05 10 Structural Metal Framing****05 12 Structural Steel Framing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0459	LF		2-1/2" x 2-1/2" x 1/4" Thick, Plain Steel Angle Iron	12.31	4.66
			For >100 To 250, Deduct	-0.47	
			For >250 To 500, Deduct	-0.77	
			For >500 To 1,000, Deduct	-1.24	
			For >1,000, Deduct	-1.70	
			For 316 Stainless Steel, Add	19.49	
			For Aluminum, Add	1.10	
			For Galvanized Steel, Add	3.78	
			For 304 Stainless Steel, Add	17.36	
			For High Strength Steel (HSS), Add	2.46	
05 12 23 00-0460	LF		3" x 2" x 1/4" Thick, Plain Steel Angle Iron	12.31	4.66
			For >100 To 250, Deduct	-0.47	
			For >250 To 500, Deduct	-0.77	
			For >500 To 1,000, Deduct	-1.24	
			For >1,000, Deduct	-1.70	
			For 316 Stainless Steel, Add	19.49	
			For Aluminum, Add	1.10	
			For Galvanized Steel, Add	3.78	
			For 304 Stainless Steel, Add	17.36	
			For High Strength Steel (HSS), Add	2.46	
05 12 23 00-0461	LF		3" x 2-1/2" x 1/4" Thick, Plain Steel Angle Iron	13.60	5.18
			For >100 To 250, Deduct	-0.52	
			For >250 To 500, Deduct	-0.86	
			For >500 To 1,000, Deduct	-1.37	
			For >1,000, Deduct	-1.88	
			For 316 Stainless Steel, Add	21.44	
			For Aluminum, Add	1.21	
			For Galvanized Steel, Add	4.15	
			For 304 Stainless Steel, Add	19.10	
			For High Strength Steel (HSS), Add	2.72	
05 12 23 00-0462	LF		3" x 3" x 1/4" Thick, Plain Steel Angle Iron	14.87	5.69
			For >100 To 250, Deduct	-0.57	
			For >250 To 500, Deduct	-0.94	
			For >500 To 1,000, Deduct	-1.50	
			For >1,000, Deduct	-2.06	
			For 316 Stainless Steel, Add	23.30	
			For Aluminum, Add	1.31	
			For Galvanized Steel, Add	4.51	
			For 304 Stainless Steel, Add	20.75	
			For High Strength Steel (HSS), Add	2.97	
05 12 23 00-0463	LF		3-1/2" x 3" x 1/4" Thick, Plain Steel Angle Iron	16.17	6.12
			For >100 To 250, Deduct	-0.61	
			For >250 To 500, Deduct	-1.02	
			For >500 To 1,000, Deduct	-1.62	
			For >1,000, Deduct	-2.23	
			For 316 Stainless Steel, Add	25.66	
			For Aluminum, Add	1.44	
			For Galvanized Steel, Add	4.97	
			For 304 Stainless Steel, Add	22.86	
			For High Strength Steel (HSS), Add	3.23	
05 12 23 00-0464	LF		3-1/2" x 4-1/2" x 1/4" Thick, Plain Steel Angle Iron	17.14	0.63
			For >100 To 250, Deduct	-0.64	
			For >250 To 500, Deduct	-1.07	
			For >500 To 1,000, Deduct	-1.71	
			For >1,000, Deduct	-2.35	
			For 316 Stainless Steel, Add	27.62	
			For Aluminum, Add	1.55	
			For Galvanized Steel, Add	5.35	
			For 304 Stainless Steel, Add	24.60	
			For High Strength Steel (HSS), Add	3.43	
05 12 23 00-0465	LF		4" x 3" x 1/4" Thick, Plain Steel Angle Iron	17.14	6.39
			For >100 To 250, Deduct	-0.64	
			For >250 To 500, Deduct	-1.07	
			For >500 To 1,000, Deduct	-1.71	
			For >1,000, Deduct	-2.35	
			For 316 Stainless Steel, Add	27.62	
			For Aluminum, Add	1.55	
			For Galvanized Steel, Add	5.35	
			For 304 Stainless Steel, Add	24.60	
			For High Strength Steel (HSS), Add	3.43	
05 12 23 00-0466	LF		4" x 3-1/2" x 1/4" Thick, Plain Steel Angle Iron	18.09	6.66
			For >100 To 250, Deduct	-0.67	
			For >250 To 500, Deduct	-1.12	
			For >500 To 1,000, Deduct	-1.79	
			For >1,000, Deduct	-2.47	
			For 316 Stainless Steel, Add	29.47	
			For Aluminum, Add	1.66	
			For Galvanized Steel, Add	5.71	
			For 304 Stainless Steel, Add	26.25	
			For High Strength Steel (HSS), Add	3.62	



	Metals	05	
	Structural Metal Framing	05 10	
	Structural Steel Framing	05 12	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0467	LF		4" x 4" x 1/4" Thick, Plain Steel Angle Iron	19.08	6.94
			For >100 To 250, Deduct	-0.69	
			For >250 To 500, Deduct	-1.17	
			For >500 To 1,000, Deduct	-1.88	
			For >1,000, Deduct	-2.59	
			For 316 Stainless Steel, Add	31.46	
			For Aluminum, Add	1.77	
			For Galvanized Steel, Add	6.09	
			For 304 Stainless Steel, Add	28.02	
			For High Strength Steel (HSS), Add	3.82	
05 12 23 00-0468	LF		5" x 3" x 1/4" Thick, Plain Steel Angle Iron	19.08	6.94
			For >100 To 250, Deduct	-0.69	
			For >250 To 500, Deduct	-1.17	
			For >500 To 1,000, Deduct	-1.88	
			For >1,000, Deduct	-2.59	
			For 316 Stainless Steel, Add	31.46	
			For Aluminum, Add	1.77	
			For Galvanized Steel, Add	6.09	
			For 304 Stainless Steel, Add	28.02	
			For High Strength Steel (HSS), Add	3.82	
05 12 23 00-0469	LF		5" x 3-1/2" x 1/4" Thick, Plain Steel Angle Iron	20.14	7.31
			For >100 To 250, Deduct	-0.73	
			For >250 To 500, Deduct	-1.23	
			For >500 To 1,000, Deduct	-1.98	
			For >1,000, Deduct	-2.73	
			For 316 Stainless Steel, Add	33.25	
			For Aluminum, Add	1.87	
			For Galvanized Steel, Add	6.44	
			For 304 Stainless Steel, Add	29.61	
			For High Strength Steel (HSS), Add	4.03	
05 12 23 00-0470			5/16" Thick (05 12 23 00-0423)		
05 12 23 00-0471	LF		2-1/2" x 2" x 5/16" Thick, Plain Steel Angle Iron	13.29	4.95
			For >100 To 250, Deduct	-0.49	
			For >250 To 500, Deduct	-0.83	
			For >500 To 1,000, Deduct	-1.32	
			For >1,000, Deduct	-1.82	
			For 316 Stainless Steel, Add	21.44	
			For Aluminum, Add	1.21	
			For Galvanized Steel, Add	4.15	
			For 304 Stainless Steel, Add	19.10	
			For High Strength Steel (HSS), Add	2.66	
05 12 23 00-0472	LF		2-1/2" x 2-1/2" x 5/16" Thick, Plain Steel Angle Iron	14.43	5.24
			For >100 To 250, Deduct	-0.52	
			For >250 To 500, Deduct	-0.89	
			For >500 To 1,000, Deduct	-1.42	
			For >1,000, Deduct	-1.96	
			For 316 Stainless Steel, Add	23.81	
			For Aluminum, Add	1.34	
			For Galvanized Steel, Add	4.61	
			For 304 Stainless Steel, Add	21.20	
			For High Strength Steel (HSS), Add	2.89	
05 12 23 00-0473	LF		3" x 2" x 5/16" Thick, Plain Steel Angle Iron	14.43	5.24
			For >100 To 250, Deduct	-0.52	
			For >250 To 500, Deduct	-0.89	
			For >500 To 1,000, Deduct	-1.42	
			For >1,000, Deduct	-1.96	
			For 316 Stainless Steel, Add	23.81	
			For Aluminum, Add	1.34	
			For Galvanized Steel, Add	4.61	
			For 304 Stainless Steel, Add	21.20	
			For High Strength Steel (HSS), Add	2.89	
05 12 23 00-0474	LF		3" x 2-1/2" x 5/16" Thick, Plain Steel Angle Iron	16.01	5.74
			For >100 To 250, Deduct	-0.58	
			For >250 To 500, Deduct	-0.98	
			For >500 To 1,000, Deduct	-1.57	
			For >1,000, Deduct	-2.16	
			For 316 Stainless Steel, Add	26.69	
			For Aluminum, Add	1.50	
			For Galvanized Steel, Add	5.17	
			For 304 Stainless Steel, Add	23.77	
			For High Strength Steel (HSS), Add	3.20	
05 12 23 00-0475	LF		3" x 3" x 5/16" Thick, Plain Steel Angle Iron	17.41	6.25
			For >100 To 250, Deduct	-0.62	
			For >250 To 500, Deduct	-1.06	
			For >500 To 1,000, Deduct	-1.70	
			For >1,000, Deduct	-2.35	
			For 316 Stainless Steel, Add	29.06	
			For Aluminum, Add	1.63	
			For Galvanized Steel, Add	5.63	
			For 304 Stainless Steel, Add	25.88	
			For High Strength Steel (HSS), Add	3.48	

05 Metals**05 10 Structural Metal Framing****05 12 Structural Steel Framing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0476	LF		3-1/2" x 3" x 5/16" Thick, Plain Steel Angle Iron	18.58	6.57
			For >100 To 250, Deduct	-0.66	
			For >250 To 500, Deduct	-1.12	
			For >500 To 1,000, Deduct	-1.80	
			For >1,000, Deduct	-2.49	
			For 316 Stainless Steel, Add	31.46	
			For Aluminum, Add	1.77	
			For Galvanized Steel, Add	6.09	
			For 304 Stainless Steel, Add	28.02	
			For High Strength Steel (HSS), Add	3.72	
05 12 23 00-0477	LF		3-1/2" x 3-1/2" x 5/16" Thick, Plain Steel Angle Iron	19.87	6.89
			For >100 To 250, Deduct	-0.69	
			For >250 To 500, Deduct	-1.19	
			For >500 To 1,000, Deduct	-1.91	
			For >1,000, Deduct	-2.64	
			For 316 Stainless Steel, Add	34.21	
			For Aluminum, Add	1.92	
			For Galvanized Steel, Add	6.63	
			For 304 Stainless Steel, Add	30.47	
			For High Strength Steel (HSS), Add	3.97	
05 12 23 00-0478	LF		4" x 3" x 5/16" Thick, Plain Steel Angle Iron	19.87	6.89
			For >100 To 250, Deduct	-0.69	
			For >250 To 500, Deduct	-1.19	
			For >500 To 1,000, Deduct	-1.91	
			For >1,000, Deduct	-2.64	
			For 316 Stainless Steel, Add	34.21	
			For Aluminum, Add	1.92	
			For Galvanized Steel, Add	6.63	
			For 304 Stainless Steel, Add	30.47	
			For High Strength Steel (HSS), Add	3.97	
05 12 23 00-0479	LF		4" x 3-1/2" x 5/16" Thick, Plain Steel Angle Iron	21.14	7.28
			For >100 To 250, Deduct	-0.73	
			For >250 To 500, Deduct	-1.26	
			For >500 To 1,000, Deduct	-2.03	
			For >1,000, Deduct	-2.80	
			For 316 Stainless Steel, Add	36.58	
			For Aluminum, Add	2.06	
			For Galvanized Steel, Add	7.09	
			For 304 Stainless Steel, Add	32.58	
			For High Strength Steel (HSS), Add	4.23	
05 12 23 00-0480	LF		4" x 4" x 5/16" Thick, Plain Steel Angle Iron	22.36	7.61
			For >100 To 250, Deduct	-0.76	
			For >250 To 500, Deduct	-1.32	
			For >500 To 1,000, Deduct	-2.13	
			For >1,000, Deduct	-2.95	
			For 316 Stainless Steel, Add	39.07	
			For Aluminum, Add	2.20	
			For Galvanized Steel, Add	7.57	
			For 304 Stainless Steel, Add	34.80	
			For High Strength Steel (HSS), Add	4.47	
05 12 23 00-0481	LF		5" x 3" x 5/16" Thick, Plain Steel Angle Iron	22.36	7.61
			For >100 To 250, Deduct	-0.76	
			For >250 To 500, Deduct	-1.32	
			For >500 To 1,000, Deduct	-2.13	
			For >1,000, Deduct	-2.95	
			For 316 Stainless Steel, Add	39.07	
			For Aluminum, Add	2.20	
			For Galvanized Steel, Add	7.57	
			For 304 Stainless Steel, Add	34.80	
			For High Strength Steel (HSS), Add	4.47	
05 12 23 00-0482	LF		5" x 3-1/2" x 5/16" Thick, Plain Steel Angle Iron	23.49	7.92
			For >100 To 250, Deduct	-0.79	
			For >250 To 500, Deduct	-1.38	
			For >500 To 1,000, Deduct	-2.23	
			For >1,000, Deduct	-3.08	
			For 316 Stainless Steel, Add	41.34	
			For Aluminum, Add	2.33	
			For Galvanized Steel, Add	8.01	
			For 304 Stainless Steel, Add	36.82	
			For High Strength Steel (HSS), Add	4.70	
05 12 23 00-0483	LF		5" x 5" x 5/16" Thick, Plain Steel Angle Iron	26.34	8.26
			For >100 To 250, Deduct	-0.83	
			For >250 To 500, Deduct	-1.48	
			For >500 To 1,000, Deduct	-2.42	
			For >1,000, Deduct	-3.35	
			For 316 Stainless Steel, Add	49.06	
			For Aluminum, Add	2.76	
			For Galvanized Steel, Add	9.50	
			For 304 Stainless Steel, Add	43.69	
			For High Strength Steel (HSS), Add	5.27	



	Metals	05	
	Structural Metal Framing	05 10	
	Structural Steel Framing	05 12	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0484	LF		6" x 3-1/2" x 5/16" Thick, Plain Steel Angle Iron	26.03	8.60
			For >100 To 250, Deduct	-0.86	
			For >250 To 500, Deduct	-1.51	
			For >500 To 1,000, Deduct	-2.45	
			For >1,000, Deduct	-3.39	
			For 316 Stainless Steel, Add	46.66	
			For Aluminum, Add	2.62	
			For Galvanized Steel, Add	9.02	
			For 304 Stainless Steel, Add	41.47	
			For High Strength Steel (HSS), Add	5.21	
05 12 23 00-0485			3/8" Thick (05 12 23 00-0423)		
05 12 23 00-0486	LF		3" x 2" x 3/8" Thick, Plain Steel Angle Iron	16.07	5.48
			For >100 To 250, Deduct	-0.55	
			For >250 To 500, Deduct	-0.95	
			For >500 To 1,000, Deduct	-1.53	
			For >1,000, Deduct	-2.12	
			For 316 Stainless Steel, Add	28.03	
			For Aluminum, Add	1.58	
			For Galvanized Steel, Add	5.43	
			For 304 Stainless Steel, Add	24.97	
			For High Strength Steel (HSS), Add	3.21	
05 12 23 00-0487	LF		3" x 2-1/2" x 3/8" Thick, Plain Steel Angle Iron	17.75	5.94
			For >100 To 250, Deduct	-0.59	
			For >250 To 500, Deduct	-1.04	
			For >500 To 1,000, Deduct	-1.68	
			For >1,000, Deduct	-2.32	
			For 316 Stainless Steel, Add	31.46	
			For Aluminum, Add	1.77	
			For Galvanized Steel, Add	6.09	
			For 304 Stainless Steel, Add	28.02	
			For High Strength Steel (HSS), Add	3.55	
05 12 23 00-0488	LF		3" x 3" x 3/8" Thick, Plain Steel Angle Iron	19.22	6.40
			For >100 To 250, Deduct	-0.64	
			For >250 To 500, Deduct	-1.12	
			For >500 To 1,000, Deduct	-1.81	
			For >1,000, Deduct	-2.51	
			For 316 Stainless Steel, Add	34.21	
			For Aluminum, Add	1.92	
			For Galvanized Steel, Add	6.63	
			For 304 Stainless Steel, Add	30.47	
			For High Strength Steel (HSS), Add	3.84	
05 12 23 00-0489	LF		3-1/2" x 3" x 3/8" Thick, Plain Steel Angle Iron	20.52	6.58
			For >100 To 250, Deduct	-0.66	
			For >250 To 500, Deduct	-1.17	
			For >500 To 1,000, Deduct	-1.90	
			For >1,000, Deduct	-2.63	
			For 316 Stainless Steel, Add	37.63	
			For Aluminum, Add	2.12	
			For Galvanized Steel, Add	7.29	
			For 304 Stainless Steel, Add	33.52	
			For High Strength Steel (HSS), Add	4.10	
05 12 23 00-0490	LF		3-1/2" x 3-1/2" x 3/8" Thick, Plain Steel Angle Iron	21.87	6.93
			For >100 To 250, Deduct	-0.69	
			For >250 To 500, Deduct	-1.24	
			For >500 To 1,000, Deduct	-2.02	
			For >1,000, Deduct	-2.80	
			For 316 Stainless Steel, Add	40.38	
			For Aluminum, Add	2.27	
			For Galvanized Steel, Add	7.82	
			For 304 Stainless Steel, Add	35.97	
			For High Strength Steel (HSS), Add	4.37	
05 12 23 00-0491	LF		4" x 3" x 3/8" Thick, Plain Steel Angle Iron	21.87	6.93
			For >100 To 250, Deduct	-0.69	
			For >250 To 500, Deduct	-1.24	
			For >500 To 1,000, Deduct	-2.02	
			For >1,000, Deduct	-2.80	
			For 316 Stainless Steel, Add	40.38	
			For Aluminum, Add	2.27	
			For Galvanized Steel, Add	7.82	
			For 304 Stainless Steel, Add	35.97	
			For High Strength Steel (HSS), Add	4.37	
05 12 23 00-0492	LF		4" x 3-1/2" x 3/8" Thick, Plain Steel Angle Iron	23.58	7.56
			For >100 To 250, Deduct	-0.76	
			For >250 To 500, Deduct	-1.34	
			For >500 To 1,000, Deduct	-2.19	
			For >1,000, Deduct	-3.03	
			For 316 Stainless Steel, Add	43.23	
			For Aluminum, Add	2.43	
			For Galvanized Steel, Add	8.38	
			For 304 Stainless Steel, Add	38.50	
			For High Strength Steel (HSS), Add	4.72	

05 Metals**05 10 Structural Metal Framing****05 12 Structural Steel Framing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0493	LF		4" x 4" x 3/8" Thick, Plain Steel Angle Iron.....	24.92	7.78
			For >100 To 250, Deduct	-0.78	
			For >250 To 500, Deduct	-1.40	
			For >500 To 1,000, Deduct	-2.28	
			For >1,000, Deduct	-3.17	
			For 316 Stainless Steel, Add	46.56	
			For Aluminum, Add	2.62	
			For Galvanized Steel, Add	9.02	
			For 304 Stainless Steel, Add	41.47	
			For High Strength Steel (HSS), Add	4.98	
05 12 23 00-0494	LF		5" x 3" x 3/8" Thick, Plain Steel Angle Iron.....	25.33	8.09
			For >100 To 250, Deduct	-0.81	
			For >250 To 500, Deduct	-1.44	
			For >500 To 1,000, Deduct	-2.34	
			For >1,000, Deduct	-3.25	
			For 316 Stainless Steel, Add	46.56	
			For Aluminum, Add	2.62	
			For Galvanized Steel, Add	9.02	
			For 304 Stainless Steel, Add	41.47	
			For High Strength Steel (HSS), Add	5.07	
05 12 23 00-0495	LF		5" x 3-1/2" x 3/8" Thick, Plain Steel Angle Iron	27.06	8.71
			For >100 To 250, Deduct	-0.87	
			For >250 To 500, Deduct	-1.55	
			For >500 To 1,000, Deduct	-2.52	
			For >1,000, Deduct	-3.48	
			For 316 Stainless Steel, Add	49.41	
			For Aluminum, Add	2.78	
			For Galvanized Steel, Add	9.57	
			For 304 Stainless Steel, Add	44.00	
			For High Strength Steel (HSS), Add	5.41	
05 12 23 00-0496	LF		5" x 5" x 3/8" Thick, Plain Steel Angle Iron.....	31.85	10.16
			For >100 To 250, Deduct	-1.02	
			For >250 To 500, Deduct	-1.81	
			For >500 To 1,000, Deduct	-2.95	
			For >1,000, Deduct	-4.08	
			For 316 Stainless Steel, Add	58.59	
			For Aluminum, Add	3.30	
			For Galvanized Steel, Add	11.35	
			For 304 Stainless Steel, Add	52.18	
			For High Strength Steel (HSS), Add	6.37	
05 12 23 00-0497	LF		6" x 3-1/2" x 3/8" Thick, Plain Steel Angle Iron	29.95	9.44
			For >100 To 250, Deduct	-0.94	
			For >250 To 500, Deduct	-1.69	
			For >500 To 1,000, Deduct	-2.76	
			For >1,000, Deduct	-3.82	
			For 316 Stainless Steel, Add	55.58	
			For Aluminum, Add	3.13	
			For Galvanized Steel, Add	10.77	
			For 304 Stainless Steel, Add	49.50	
			For High Strength Steel (HSS), Add	5.99	
05 12 23 00-0498	LF		6" x 4" x 3/8" Thick, Plain Steel Angle Iron.....	31.85	10.16
			For >100 To 250, Deduct	-1.02	
			For >250 To 500, Deduct	-1.81	
			For >500 To 1,000, Deduct	-2.95	
			For >1,000, Deduct	-4.08	
			For 316 Stainless Steel, Add	58.59	
			For Aluminum, Add	3.30	
			For Galvanized Steel, Add	11.35	
			For 304 Stainless Steel, Add	52.18	
			For High Strength Steel (HSS), Add	6.37	
05 12 23 00-0499	LF		6" x 6" x 3/8" Thick, Plain Steel Angle Iron.....	38.42	12.19
			For >100 To 250, Deduct	-1.22	
			For >250 To 500, Deduct	-2.18	
			For >500 To 1,000, Deduct	-3.55	
			For >1,000, Deduct	-4.91	
			For 316 Stainless Steel, Add	70.98	
			For Aluminum, Add	3.99	
			For Galvanized Steel, Add	13.75	
			For 304 Stainless Steel, Add	63.21	
			For High Strength Steel (HSS), Add	7.68	
05 12 23 00-0500	LF		7" x 4" x 3/8" Thick, Plain Steel Angle Iron.....	35.14	11.17
			For >100 To 250, Deduct	-1.12	
			For >250 To 500, Deduct	-2.00	
			For >500 To 1,000, Deduct	-3.25	
			For >1,000, Deduct	-4.50	
			For 316 Stainless Steel, Add	64.77	
			For Aluminum, Add	3.64	
			For Galvanized Steel, Add	12.55	
			For 304 Stainless Steel, Add	57.68	
			For High Strength Steel (HSS), Add	7.03	

05 12 23 00-0501 1/2" Thick (05 12 23 00-0423)



	Metals	05	
	Structural Metal Framing	05 10	
	Structural Steel Framing	05 12	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0502	LF		3" x 3" x 1/2" Thick, Plain Steel Angle Iron	22.70	6.54
			For >100 To 250, Deduct	-0.65	
			For >250 To 500, Deduct	-1.22	
			For >500 To 1,000, Deduct	-2.01	
			For >1,000, Deduct	-2.79	
			For 316 Stainless Steel, Add	44.77	
			For Aluminum, Add	2.52	
			For Galvanized Steel, Add	8.67	
			For 304 Stainless Steel, Add	39.87	
			For High Strength Steel (HSS), Add	4.54	
05 12 23 00-0503	LF		4" x 3" x 1/2" Thick, Plain Steel Angle Iron	26.83	7.72
			For >100 To 250, Deduct	-0.77	
			For >250 To 500, Deduct	-1.44	
			For >500 To 1,000, Deduct	-2.37	
			For >1,000, Deduct	-3.30	
			For 316 Stainless Steel, Add	52.90	
			For Aluminum, Add	2.98	
			For Galvanized Steel, Add	10.25	
			For 304 Stainless Steel, Add	47.11	
			For High Strength Steel (HSS), Add	5.37	
05 12 23 00-0504	LF		4" x 3-1/2" x 1/2" Thick, Plain Steel Angle Iron	28.75	8.28
			For >100 To 250, Deduct	-0.83	
			For >250 To 500, Deduct	-1.55	
			For >500 To 1,000, Deduct	-2.54	
			For >1,000, Deduct	-3.54	
			For 316 Stainless Steel, Add	56.70	
			For Aluminum, Add	3.19	
			For Galvanized Steel, Add	10.99	
			For 304 Stainless Steel, Add	50.50	
			For High Strength Steel (HSS), Add	5.75	
05 12 23 00-0505	LF		4" x 4" x 1/2" Thick, Plain Steel Angle Iron	30.93	8.91
			For >100 To 250, Deduct	-0.89	
			For >250 To 500, Deduct	-1.66	
			For >500 To 1,000, Deduct	-2.73	
			For >1,000, Deduct	-3.80	
			For 316 Stainless Steel, Add	60.99	
			For Aluminum, Add	3.43	
			For Galvanized Steel, Add	11.82	
			For 304 Stainless Steel, Add	54.32	
			For High Strength Steel (HSS), Add	6.19	
05 12 23 00-0506	LF		5" x 3" x 1/2" Thick, Plain Steel Angle Iron	30.93	8.91
			For >100 To 250, Deduct	-0.89	
			For >250 To 500, Deduct	-1.66	
			For >500 To 1,000, Deduct	-2.73	
			For >1,000, Deduct	-3.80	
			For 316 Stainless Steel, Add	60.99	
			For Aluminum, Add	3.43	
			For Galvanized Steel, Add	11.82	
			For 304 Stainless Steel, Add	54.32	
			For High Strength Steel (HSS), Add	6.19	
05 12 23 00-0507	LF		5" x 3-1/2" x 1/2" Thick, Plain Steel Angle Iron	32.86	9.46
			For >100 To 250, Deduct	-0.95	
			For >250 To 500, Deduct	-1.77	
			For >500 To 1,000, Deduct	-2.90	
			For >1,000, Deduct	-4.04	
			For 316 Stainless Steel, Add	64.80	
			For Aluminum, Add	3.65	
			For Galvanized Steel, Add	12.56	
			For 304 Stainless Steel, Add	57.71	
			For High Strength Steel (HSS), Add	6.57	
05 12 23 00-0508	LF		5" x 5" x 1/2" Thick, Plain Steel Angle Iron	39.14	11.27
			For >100 To 250, Deduct	-1.13	
			For >250 To 500, Deduct	-2.11	
			For >500 To 1,000, Deduct	-3.46	
			For >1,000, Deduct	-4.81	
			For 316 Stainless Steel, Add	77.18	
			For Aluminum, Add	4.34	
			For Galvanized Steel, Add	14.95	
			For 304 Stainless Steel, Add	68.74	
			For High Strength Steel (HSS), Add	7.83	
05 12 23 00-0509	LF		6" x 4" x 1/2" Thick, Plain Steel Angle Iron	39.14	11.27
			For >100 To 250, Deduct	-1.13	
			For >250 To 500, Deduct	-2.11	
			For >500 To 1,000, Deduct	-3.46	
			For >1,000, Deduct	-4.81	
			For 316 Stainless Steel, Add	77.18	
			For Aluminum, Add	4.34	
			For Galvanized Steel, Add	14.95	
			For 304 Stainless Steel, Add	68.74	
			For High Strength Steel (HSS), Add	7.83	

05 Metals**05 10 Structural Metal Framing****05 12 Structural Steel Framing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0510	LF		6" x 6" x 1/2" Thick, Plain Steel Angle Iron.....	47.35	13.63
			For >100 To 250, Deduct	-1.36	
			For >250 To 500, Deduct	-2.55	
			For >500 To 1,000, Deduct	-4.19	
			For >1,000, Deduct	-5.82	
			For 316 Stainless Steel, Add	93.34	
			For Aluminum, Add	5.25	
			For Galvanized Steel, Add	18.09	
			For 304 Stainless Steel, Add	83.13	
			For High Strength Steel (HSS), Add	9.47	
05 12 23 00-0511	LF		7" x 4" x 1/2" Thick, Plain Steel Angle Iron.....	43.24	12.45
			For >100 To 250, Deduct	-1.25	
			For >250 To 500, Deduct	-2.33	
			For >500 To 1,000, Deduct	-3.82	
			For >1,000, Deduct	-5.32	
			For 316 Stainless Steel, Add	85.25	
			For Aluminum, Add	4.80	
			For Galvanized Steel, Add	16.52	
			For 304 Stainless Steel, Add	75.92	
			For High Strength Steel (HSS), Add	8.65	
05 12 23 00-0512	LF		8" x 4" x 1/2" Thick, Plain Steel Angle Iron.....	47.35	13.63
			For >100 To 250, Deduct	-1.36	
			For >250 To 500, Deduct	-2.55	
			For >500 To 1,000, Deduct	-4.19	
			For >1,000, Deduct	-5.82	
			For 316 Stainless Steel, Add	93.34	
			For Aluminum, Add	5.25	
			For Galvanized Steel, Add	18.09	
			For 304 Stainless Steel, Add	83.13	
			For High Strength Steel (HSS), Add	9.47	
05 12 23 00-0513	LF		8" x 6" x 1/2" Thick, Plain Steel Angle Iron.....	55.59	16.00
			For >100 To 250, Deduct	-1.60	
			For >250 To 500, Deduct	-2.99	
			For >500 To 1,000, Deduct	-4.91	
			For >1,000, Deduct	-6.84	
			For 316 Stainless Steel, Add	109.60	
			For Aluminum, Add	6.17	
			For Galvanized Steel, Add	21.24	
			For 304 Stainless Steel, Add	97.61	
			For High Strength Steel (HSS), Add	11.12	
05 12 23 00-0514	LF		8" x 8" x 1/2" Thick, Plain Steel Angle Iron.....	63.79	18.37
			For >100 To 250, Deduct	-1.84	
			For >250 To 500, Deduct	-3.43	
			For >500 To 1,000, Deduct	-5.64	
			For >1,000, Deduct	-7.85	
			For 316 Stainless Steel, Add	125.76	
			For Aluminum, Add	7.07	
			For Galvanized Steel, Add	24.37	
			For 304 Stainless Steel, Add	112.01	
			For High Strength Steel (HSS), Add	12.76	
05 12 23 00-0515			5/8" Thick (05 12 23 00-0423)		
05 12 23 00-0516	LF		4" x 4" x 5/8" Thick, Plain Steel Angle Iron.....	36.98	10.21
			For >100 To 250, Deduct	-1.02	
			For >250 To 500, Deduct	-1.95	
			For >500 To 1,000, Deduct	-3.21	
			For >1,000, Deduct	-4.47	
			For 316 Stainless Steel, Add	74.78	
			For Aluminum, Add	4.21	
			For Galvanized Steel, Add	14.49	
			For High Strength Steel (HSS), Add	7.40	
05 12 23 00-0517	LF		5" x 3-1/2" x 5/8" Thick, Plain Steel Angle Iron	39.58	10.92
			For >100 To 250, Deduct	-1.09	
			For >250 To 500, Deduct	-2.08	
			For >500 To 1,000, Deduct	-3.44	
			For >1,000, Deduct	-4.79	
			For 316 Stainless Steel, Add	80.06	
			For Aluminum, Add	4.50	
			For Galvanized Steel, Add	15.51	
			For High Strength Steel (HSS), Add	7.92	
05 12 23 00-0518	LF		5" x 5" x 5/8" Thick, Plain Steel Angle Iron.....	47.11	13.01
			For >100 To 250, Deduct	-1.30	
			For >250 To 500, Deduct	-2.48	
			For >500 To 1,000, Deduct	-4.09	
			For >1,000, Deduct	-5.70	
			For 316 Stainless Steel, Add	95.26	
			For Aluminum, Add	5.36	
			For Galvanized Steel, Add	18.46	
			For High Strength Steel (HSS), Add	9.42	



	Metals	05	
	Structural Metal Framing	05 10	
	Structural Steel Framing	05 12	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0519	LF		6" x 4" x 5/8" Thick, Plain Steel Angle Iron	47.11	13.01
			For >100 To 250, Deduct	-1.30	
			For >250 To 500, Deduct	-2.48	
			For >500 To 1,000, Deduct	-4.09	
			For >1,000, Deduct	-5.70	
			For 316 Stainless Steel, Add	95.26	
			For Aluminum, Add	5.36	
			For Galvanized Steel, Add	18.46	
			For High Strength Steel (HSS), Add	9.42	
05 12 23 00-0520	LF		6" x 6" x 5/8" Thick, Plain Steel Angle Iron	57.01	15.74
			For >100 To 250, Deduct	-1.57	
			For >250 To 500, Deduct	-3.00	
			For >500 To 1,000, Deduct	-4.95	
			For >1,000, Deduct	-6.90	
			For 316 Stainless Steel, Add	115.30	
			For Aluminum, Add	6.49	
			For Galvanized Steel, Add	22.34	
			For High Strength Steel (HSS), Add	11.40	
05 12 23 00-0521	LF		7" x 4" x 5/8" Thick, Plain Steel Angle Iron	52.05	14.37
			For >100 To 250, Deduct	-1.44	
			For >250 To 500, Deduct	-2.74	
			For >500 To 1,000, Deduct	-4.52	
			For >1,000, Deduct	-6.30	
			For 316 Stainless Steel, Add	105.28	
			For Aluminum, Add	5.92	
			For Galvanized Steel, Add	20.40	
			For High Strength Steel (HSS), Add	10.41	
05 12 23 00-0522	LF		8" x 6" x 5/8" Thick, Plain Steel Angle Iron	67.12	18.53
			For >100 To 250, Deduct	-1.85	
			For >250 To 500, Deduct	-3.53	
			For >500 To 1,000, Deduct	-5.83	
			For >1,000, Deduct	-8.12	
			For 316 Stainless Steel, Add	135.74	
			For Aluminum, Add	7.64	
			For Galvanized Steel, Add	26.30	
			For High Strength Steel (HSS), Add	13.42	
05 12 23 00-0523	LF		8" x 8" x 5/8" Thick, Plain Steel Angle Iron	77.02	21.26
			For >100 To 250, Deduct	-2.13	
			For >250 To 500, Deduct	-4.05	
			For >500 To 1,000, Deduct	-6.69	
			For >1,000, Deduct	-9.32	
			For 316 Stainless Steel, Add	155.78	
			For Aluminum, Add	8.76	
			For Galvanized Steel, Add	30.18	
			For High Strength Steel (HSS), Add	15.40	
05 12 23 00-0524			3/4" Thick (05 12 23 00-0423)		
05 12 23 00-0525	LF		4" x 4" x 3/4" Thick, Plain Steel Angle Iron	42.59	11.28
			For >100 To 250, Deduct	-1.13	
			For >250 To 500, Deduct	-2.19	
			For >500 To 1,000, Deduct	-3.63	
			For >1,000, Deduct	-5.07	
			For 316 Stainless Steel, Add	88.16	
			For Aluminum, Add	4.96	
			For Galvanized Steel, Add	17.08	
			For High Strength Steel (HSS), Add	8.52	
05 12 23 00-0526	LF		5" x 3-1/2" x 3/4" Thick, Plain Steel Angle Iron	45.56	12.07
			For >100 To 250, Deduct	-1.21	
			For >250 To 500, Deduct	-2.35	
			For >500 To 1,000, Deduct	-3.89	
			For >1,000, Deduct	-5.43	
			For 316 Stainless Steel, Add	94.30	
			For Aluminum, Add	5.30	
			For Galvanized Steel, Add	18.27	
			For High Strength Steel (HSS), Add	9.11	
05 12 23 00-0527	LF		5" x 5" x 3/4" Thick, Plain Steel Angle Iron	54.32	14.39
			For >100 To 250, Deduct	-1.44	
			For >250 To 500, Deduct	-2.80	
			For >500 To 1,000, Deduct	-4.63	
			For >1,000, Deduct	-6.47	
			For 316 Stainless Steel, Add	112.45	
			For Aluminum, Add	6.33	
			For Galvanized Steel, Add	21.79	
			For High Strength Steel (HSS), Add	10.86	
05 12 23 00-0528	LF		6" x 4" x 3/4" Thick, Plain Steel Angle Iron	54.32	14.39
			For >100 To 250, Deduct	-1.44	
			For >250 To 500, Deduct	-2.80	
			For >500 To 1,000, Deduct	-4.63	
			For >1,000, Deduct	-6.47	
			For 316 Stainless Steel, Add	112.45	
			For Aluminum, Add	6.33	
			For Galvanized Steel, Add	21.79	
			For High Strength Steel (HSS), Add	10.86	

05 Metals**05 10 Structural Metal Framing****05 12 Structural Steel Framing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0529	LF		6" x 6" x 3/4" Thick, Plain Steel Angle Iron.....	66.04	17.49
			For >100 To 250, Deduct	-1.75	
			For >250 To 500, Deduct	-3.40	
			For >500 To 1,000, Deduct	-5.63	
			For >1,000, Deduct	-7.87	
			For 316 Stainless Steel, Add	136.70	
			For Aluminum, Add	7.69	
			For Galvanized Steel, Add	26.49	
			For High Strength Steel (HSS), Add	13.21	
05 12 23 00-0530	LF		7" x 4" x 3/4" Thick, Plain Steel Angle Iron.....	60.29	15.97
			For >100 To 250, Deduct	-1.60	
			For >250 To 500, Deduct	-3.10	
			For >500 To 1,000, Deduct	-5.14	
			For >1,000, Deduct	-7.18	
			For 316 Stainless Steel, Add	124.80	
			For Aluminum, Add	7.02	
			For Galvanized Steel, Add	24.18	
			For High Strength Steel (HSS), Add	12.06	
05 12 23 00-0531	LF		8" x 4" x 3/4" Thick, Plain Steel Angle Iron.....	66.04	17.49
			For >100 To 250, Deduct	-1.75	
			For >250 To 500, Deduct	-3.40	
			For >500 To 1,000, Deduct	-5.63	
			For >1,000, Deduct	-7.87	
			For 316 Stainless Steel, Add	136.70	
			For Aluminum, Add	7.69	
			For Galvanized Steel, Add	26.49	
			For High Strength Steel (HSS), Add	13.21	
05 12 23 00-0532	LF		8" x 6" x 3/4" Thick, Plain Steel Angle Iron.....	77.79	20.59
			For >100 To 250, Deduct	-2.06	
			For >250 To 500, Deduct	-4.00	
			For >500 To 1,000, Deduct	-6.64	
			For >1,000, Deduct	-9.27	
			For 316 Stainless Steel, Add	161.06	
			For Aluminum, Add	9.06	
			For Galvanized Steel, Add	31.20	
			For High Strength Steel (HSS), Add	15.56	
05 12 23 00-0533	LF		8" x 8" x 3/4" Thick, Plain Steel Angle Iron.....	89.52	23.71
			For >100 To 250, Deduct	-2.37	
			For >250 To 500, Deduct	-4.61	
			For >500 To 1,000, Deduct	-7.64	
			For >1,000, Deduct	-10.67	
			For 316 Stainless Steel, Add	185.31	
			For Aluminum, Add	10.42	
			For Galvanized Steel, Add	35.90	
			For High Strength Steel (HSS), Add	17.90	
05 12 23 00-0534			7/8" Thick (05 12 23 00-0423)		
05 12 23 00-0535	LF		5" x 5" x 7/8" Thick, Plain Steel Angle Iron.....	61.11	15.47
			For >100 To 250, Deduct	-1.55	
			For >250 To 500, Deduct	-3.08	
			For >500 To 1,000, Deduct	-5.12	
			For >1,000, Deduct	-7.16	
			For 316 Stainless Steel, Add	129.54	
			For Aluminum, Add	7.29	
			For Galvanized Steel, Add	25.10	
			For High Strength Steel (HSS), Add	12.22	
05 12 23 00-0536	LF		6" x 4" x 7/8" Thick, Plain Steel Angle Iron.....	61.11	15.47
			For >100 To 250, Deduct	-1.55	
			For >250 To 500, Deduct	-3.08	
			For >500 To 1,000, Deduct	-5.12	
			For >1,000, Deduct	-7.16	
			For 316 Stainless Steel, Add	129.54	
			For Aluminum, Add	7.29	
			For Galvanized Steel, Add	25.10	
			For High Strength Steel (HSS), Add	12.22	
05 12 23 00-0537	LF		6" x 6" x 7/8" Thick, Plain Steel Angle Iron.....	74.39	18.83
			For >100 To 250, Deduct	-1.88	
			For >250 To 500, Deduct	-3.74	
			For >500 To 1,000, Deduct	-6.23	
			For >1,000, Deduct	-8.72	
			For 316 Stainless Steel, Add	157.70	
			For Aluminum, Add	8.87	
			For Galvanized Steel, Add	30.55	
			For High Strength Steel (HSS), Add	14.88	
05 12 23 00-0538	LF		8" x 6" x 7/8" Thick, Plain Steel Angle Iron.....	87.87	22.24
			For >100 To 250, Deduct	-2.22	
			For >250 To 500, Deduct	-4.42	
			For >500 To 1,000, Deduct	-7.36	
			For >1,000, Deduct	-10.30	
			For 316 Stainless Steel, Add	186.27	
			For Aluminum, Add	10.48	
			For Galvanized Steel, Add	36.09	
			For High Strength Steel (HSS), Add	17.57	



	Metals	05	
	Structural Metal Framing	05 10	05
	Structural Steel Framing	05 12	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0539	LF		8" x 8" x 7/8" Thick, Plain Steel Angle Iron	101.11	25.60
			For >100 To 250, Deduct	-2.56	
			For >250 To 500, Deduct	-5.09	
			For >500 To 1,000, Deduct	-8.47	
			For >1,000, Deduct	-11.85	
			For 316 Stainless Steel, Add	214.34	
			For Aluminum, Add	12.06	
			For Galvanized Steel, Add	41.53	
			For High Strength Steel (HSS), Add	20.22	
05 12 23 00-0540			Bar Channel (05 12 23 00-0422)		
05 12 23 00-0541	LF		1" x 1/2" x 1/8" Thick Bar Channel	5.04	
			For 316 Stainless Steel, Add	5.18	
			For Aluminum, Add	0.29	
			For Galvanized Steel, Add	1.00	
			For 304 Stainless Steel, Add	4.62	
			For High Strength Steel (HSS), Add	1.01	
05 12 23 00-0542	LF		1-1/4" x 1/2" x 1/8" Thick Bar Channel	5.66	
			For 316 Stainless Steel, Add	6.21	
			For Aluminum, Add	0.35	
			For Galvanized Steel, Add	1.20	
			For 304 Stainless Steel, Add	5.53	
			For High Strength Steel (HSS), Add	1.13	
05 12 23 00-0543	LF		1-1/2" x 1/2" x 1/8" Thick Bar Channel	6.17	
			For 316 Stainless Steel, Add	6.88	
			For Aluminum, Add	0.39	
			For Galvanized Steel, Add	1.33	
			For 304 Stainless Steel, Add	6.13	
			For High Strength Steel (HSS), Add	1.23	
05 12 23 00-0544	LF		1-1/2" x 3/4" x 1/8" Thick Bar Channel	7.05	
			For 316 Stainless Steel, Add	7.17	
			For Aluminum, Add	0.40	
			For Galvanized Steel, Add	1.39	
			For 304 Stainless Steel, Add	6.38	
			For High Strength Steel (HSS), Add	1.41	
05 12 23 00-0545	LF		2" x 1/2" x 1/8" Thick Bar Channel	7.55	
			For 316 Stainless Steel, Add	8.77	
			For Aluminum, Add	0.49	
			For Galvanized Steel, Add	1.70	
			For 304 Stainless Steel, Add	7.81	
05 12 23 00-0546	LF		2" x 1" x 1/8" Thick Bar Channel	9.93	
			For 316 Stainless Steel, Add	9.79	
			For Aluminum, Add	0.55	
			For Galvanized Steel, Add	1.90	
			For 304 Stainless Steel, Add	8.72	
05 12 23 00-0547			Channels - C (05 12 23 00-0422)		
05 12 23 00-0548	LF		C2 x 1.78 - 2" Wide Channel	8.25	4.24
			For >100 To 250, Deduct	-0.42	
			For >250 To 500, Deduct	-0.63	
			For >500 To 1,000, Deduct	-0.98	
			For >1,000, Deduct	-1.33	
			For 316 Stainless Steel, Add	8.32	
			For Aluminum, Add	0.47	
			For Galvanized Steel, Add	1.61	
			For 304 Stainless Steel, Add	7.41	
05 12 23 00-0549	LF		C3 x 4.1 - 3" Wide Channel	14.23	6.09
			For >100 To 250, Deduct	-0.61	
			For >250 To 500, Deduct	-0.97	
			For >500 To 1,000, Deduct	-1.52	
			For >1,000, Deduct	-2.08	
			For 316 Stainless Steel, Add	19.52	
			For Aluminum, Add	1.10	
			For Galvanized Steel, Add	3.78	
			For 304 Stainless Steel, Add	17.39	
05 12 23 00-0550	LF		C3 x 5 - 3" Wide Channel	17.35	7.44
			For >100 To 250, Deduct	-0.74	
			For >250 To 500, Deduct	-1.18	
			For >500 To 1,000, Deduct	-1.86	
			For >1,000, Deduct	-2.54	
			For 316 Stainless Steel, Add	23.81	
			For Aluminum, Add	1.34	
			For Galvanized Steel, Add	4.61	
			For 304 Stainless Steel, Add	21.20	
05 12 23 00-0551	LF		C3 x 6 - 3" Wide Channel	20.83	8.92
			For >100 To 250, Deduct	-0.89	
			For >250 To 500, Deduct	-1.41	
			For >500 To 1,000, Deduct	-2.23	
			For >1,000, Deduct	-3.05	
			For 316 Stainless Steel, Add	28.58	
			For Aluminum, Add	1.61	
			For Galvanized Steel, Add	5.54	
			For 304 Stainless Steel, Add	25.45	

05 Metals**05 10 Structural Metal Framing****05 12 Structural Steel Framing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0552	LF		C4 x 5.4 - 4" Wide Channel.....	17.79	7.31
			For >100 To 250, Deduct	-0.73	
			For >250 To 500, Deduct	-1.18	
			For >500 To 1,000, Deduct	-1.86	
			For >1,000, Deduct	-2.55	
			For 316 Stainless Steel, Add	25.73	
			For Aluminum, Add	1.45	
			For Galvanized Steel, Add	4.98	
			For 304 Stainless Steel, Add	22.91	
05 12 23 00-0553	LF		C4 x 7.25 - 4" Wide Channel.....	23.88	9.81
			For >100 To 250, Deduct	-0.98	
			For >250 To 500, Deduct	-1.58	
			For >500 To 1,000, Deduct	-2.50	
			For >1,000, Deduct	-3.43	
			For 316 Stainless Steel, Add	34.53	
			For Aluminum, Add	1.94	
			For Galvanized Steel, Add	6.69	
			For 304 Stainless Steel, Add	30.75	
05 12 23 00-0554	LF		C5 x 6.7 - 5" Wide Channel.....	21.34	8.52
			For >100 To 250, Deduct	-0.85	
			For >250 To 500, Deduct	-1.39	
			For >500 To 1,000, Deduct	-2.20	
			For >1,000, Deduct	-3.02	
			For 316 Stainless Steel, Add	31.90	
			For Aluminum, Add	1.79	
			For Galvanized Steel, Add	6.18	
			For 304 Stainless Steel, Add	28.41	
05 12 23 00-0555	LF		C5 x 9 - 5" Wide Channel.....	28.67	11.46
			For >100 To 250, Deduct	-1.15	
			For >250 To 500, Deduct	-1.86	
			For >500 To 1,000, Deduct	-2.96	
			For >1,000, Deduct	-4.06	
			For 316 Stainless Steel, Add	42.88	
			For Aluminum, Add	2.41	
			For Galvanized Steel, Add	8.31	
			For 304 Stainless Steel, Add	38.19	
05 12 23 00-0556	LF		C6 x 8.2 - 6" Wide Channel.....	25.86	10.24
			For >100 To 250, Deduct	-1.02	
			For >250 To 500, Deduct	-1.67	
			For >500 To 1,000, Deduct	-2.66	
			For >1,000, Deduct	-3.65	
			For 316 Stainless Steel, Add	39.07	
			For Aluminum, Add	2.20	
			For Galvanized Steel, Add	7.57	
			For 304 Stainless Steel, Add	34.80	
05 12 23 00-0557	LF		C6 x 10.5 - 6" Wide Channel.....	33.11	13.11
			For >100 To 250, Deduct	-1.31	
			For >250 To 500, Deduct	-2.14	
			For >500 To 1,000, Deduct	-3.40	
			For >1,000, Deduct	-4.67	
			For 316 Stainless Steel, Add	50.02	
			For Aluminum, Add	2.81	
			For Galvanized Steel, Add	9.69	
			For 304 Stainless Steel, Add	44.55	
05 12 23 00-0558	LF		C6 x 13 - 6" Wide Channel.....	41.00	16.23
			For >100 To 250, Deduct	-1.62	
			For >250 To 500, Deduct	-2.65	
			For >500 To 1,000, Deduct	-4.22	
			For >1,000, Deduct	-5.78	
			For 316 Stainless Steel, Add	61.92	
			For Aluminum, Add	3.48	
			For Galvanized Steel, Add	12.00	
			For 304 Stainless Steel, Add	55.15	
05 12 23 00-0559	LF		C7 x 9.8 - 7" Wide Channel.....	30.84	12.19
			For >100 To 250, Deduct	-1.22	
			For >250 To 500, Deduct	-1.99	
			For >500 To 1,000, Deduct	-3.17	
			For >1,000, Deduct	-4.34	
			For 316 Stainless Steel, Add	46.69	
			For Aluminum, Add	2.63	
			For Galvanized Steel, Add	9.05	
			For 304 Stainless Steel, Add	41.58	
05 12 23 00-0560	LF		C7 x 12.25 - 7" Wide Channel.....	38.54	15.23
			For >100 To 250, Deduct	-1.52	
			For >250 To 500, Deduct	-2.49	
			For >500 To 1,000, Deduct	-3.96	
			For >1,000, Deduct	-5.43	
			For 316 Stainless Steel, Add	58.34	
			For Aluminum, Add	3.28	
			For Galvanized Steel, Add	11.30	
			For 304 Stainless Steel, Add	51.96	



	Metals	05	
	Structural Metal Framing	05 10	
	Structural Steel Framing	05 12	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0561	LF		C7 x 14.75 - 7" Wide Channel	46.41	18.35
			For >100 To 250, Deduct	-1.83	
			For >250 To 500, Deduct	-2.99	
			For >500 To 1,000, Deduct	-4.77	
			For >1,000, Deduct	-6.54	
			For 316 Stainless Steel, Add	70.24	
			For Aluminum, Add	3.95	
			For Galvanized Steel, Add	13.61	
			For 304 Stainless Steel, Add	62.56	
05 12 23 00-0562	LF		C8 x 11.5 - 8" Wide Channel	35.00	13.41
			For >100 To 250, Deduct	-1.34	
			For >250 To 500, Deduct	-2.22	
			For >500 To 1,000, Deduct	-3.54	
			For >1,000, Deduct	-4.86	
			For 316 Stainless Steel, Add	54.78	
			For Aluminum, Add	3.08	
			For Galvanized Steel, Add	10.61	
			For 304 Stainless Steel, Add	48.79	
05 12 23 00-0563	LF		C8 x 13.75 - 8" Wide Channel	41.85	16.04
			For >100 To 250, Deduct	-1.60	
			For >250 To 500, Deduct	-2.65	
			For >500 To 1,000, Deduct	-4.23	
			For >1,000, Deduct	-5.81	
			For 316 Stainless Steel, Add	65.50	
			For Aluminum, Add	3.68	
			For Galvanized Steel, Add	12.69	
			For 304 Stainless Steel, Add	58.34	
05 12 23 00-0564	LF		C8 x 18.75 - 8" Wide Channel	57.06	21.86
			For >100 To 250, Deduct	-2.19	
			For >250 To 500, Deduct	-3.61	
			For >500 To 1,000, Deduct	-5.77	
			For >1,000, Deduct	-7.92	
			For 316 Stainless Steel, Add	89.31	
			For Aluminum, Add	5.02	
			For Galvanized Steel, Add	17.30	
			For 304 Stainless Steel, Add	79.54	
05 12 23 00-0565	LF		C9 x 13.4 - 9" Wide Channel	40.78	15.63
			For >100 To 250, Deduct	-1.56	
			For >250 To 500, Deduct	-2.58	
			For >500 To 1,000, Deduct	-4.12	
			For >1,000, Deduct	-5.66	
			For 316 Stainless Steel, Add	63.84	
			For Aluminum, Add	3.59	
			For Galvanized Steel, Add	12.37	
			For 304 Stainless Steel, Add	56.86	
05 12 23 00-0566	LF		C9 x 15 - 9" Wide Channel	45.64	17.49
			For >100 To 250, Deduct	-1.75	
			For >250 To 500, Deduct	-2.89	
			For >500 To 1,000, Deduct	-4.61	
			For >1,000, Deduct	-6.34	
			For 316 Stainless Steel, Add	71.46	
			For Aluminum, Add	4.02	
			For Galvanized Steel, Add	13.64	
			For 304 Stainless Steel, Add	63.64	
05 12 23 00-0567	LF		C9 x 20 - 9" Wide Channel	60.87	23.31
			For >100 To 250, Deduct	-2.33	
			For >250 To 500, Deduct	-3.85	
			For >500 To 1,000, Deduct	-6.15	
			For >1,000, Deduct	-8.45	
			For 316 Stainless Steel, Add	95.26	
			For Aluminum, Add	5.36	
			For Galvanized Steel, Add	18.46	
			For 304 Stainless Steel, Add	84.84	
05 12 23 00-0568	LF		C10 x 15.3 - 10" Wide Channel	46.56	17.83
			For >100 To 250, Deduct	-1.78	
			For >250 To 500, Deduct	-2.95	
			For >500 To 1,000, Deduct	-4.71	
			For >1,000, Deduct	-6.47	
			For 316 Stainless Steel, Add	72.86	
			For Aluminum, Add	4.10	
			For Galvanized Steel, Add	14.12	
			For 304 Stainless Steel, Add	64.89	
05 12 23 00-0569	LF		C10 x 20 - 10" Wide Channel	60.87	23.31
			For >100 To 250, Deduct	-2.33	
			For >250 To 500, Deduct	-3.85	
			For >500 To 1,000, Deduct	-6.15	
			For >1,000, Deduct	-8.45	
			For 316 Stainless Steel, Add	95.26	
			For Aluminum, Add	5.36	
			For Galvanized Steel, Add	18.46	
			For 304 Stainless Steel, Add	84.84	

05 Metals**05 10 Structural Metal Framing****05 12 Structural Steel Framing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0570	LF		C10 x 25 - 10" Wide Channel.....	76.08	29.15
			For >100 To 250, Deduct	-2.92	
			For >250 To 500, Deduct	-4.82	
			For >500 To 1,000, Deduct	-7.69	
			For >1,000, Deduct	-10.56	
			For 316 Stainless Steel, Add	119.07	
			For Aluminum, Add	6.70	
			For Galvanized Steel, Add	23.07	
			For 304 Stainless Steel, Add	106.05	
05 12 23 00-0571	LF		C10 x 30 - 10" Wide Channel.....	91.29	34.98
			For >100 To 250, Deduct	-3.50	
			For >250 To 500, Deduct	-5.78	
			For >500 To 1,000, Deduct	-9.23	
			For >1,000, Deduct	-12.68	
			For 316 Stainless Steel, Add	142.88	
			For Aluminum, Add	8.04	
			For Galvanized Steel, Add	27.68	
			For 304 Stainless Steel, Add	127.25	
05 12 23 00-0572	LF		C12 x 20.7 - 12" Wide Channel.....	62.99	24.14
			For >100 To 250, Deduct	-2.41	
			For >250 To 500, Deduct	-3.99	
			For >500 To 1,000, Deduct	-6.37	
			For >1,000, Deduct	-8.75	
			For 316 Stainless Steel, Add	98.59	
			For Aluminum, Add	5.55	
			For Galvanized Steel, Add	19.10	
			For 304 Stainless Steel, Add	87.81	
05 12 23 00-0573	LF		C12 x 25 - 12" Wide Channel.....	76.08	29.15
			For >100 To 250, Deduct	-2.92	
			For >250 To 500, Deduct	-4.82	
			For >500 To 1,000, Deduct	-7.69	
			For >1,000, Deduct	-10.56	
			For 316 Stainless Steel, Add	119.07	
			For Aluminum, Add	6.70	
			For Galvanized Steel, Add	23.07	
			For 304 Stainless Steel, Add	106.05	
05 12 23 00-0574	LF		C12 x 30 - 12" Wide Channel.....	91.29	34.98
			For >100 To 250, Deduct	-3.50	
			For >250 To 500, Deduct	-5.78	
			For >500 To 1,000, Deduct	-9.23	
			For >1,000, Deduct	-12.68	
			For 316 Stainless Steel, Add	142.88	
			For Aluminum, Add	8.04	
			For Galvanized Steel, Add	27.68	
			For 304 Stainless Steel, Add	127.25	
05 12 23 00-0575	LF		C15 x 33.9 - 15" Wide Channel.....	103.16	39.52
			For >100 To 250, Deduct	-3.95	
			For >250 To 500, Deduct	-6.53	
			For >500 To 1,000, Deduct	-10.43	
			For >1,000, Deduct	-14.32	
			For 316 Stainless Steel, Add	161.47	
			For Aluminum, Add	9.08	
			For Galvanized Steel, Add	31.29	
			For 304 Stainless Steel, Add	143.81	
05 12 23 00-0576	LF		C15 x 40 - 15" Wide Channel.....	121.72	46.64
			For >100 To 250, Deduct	-4.66	
			For >250 To 500, Deduct	-7.71	
			For >500 To 1,000, Deduct	-12.30	
			For >1,000, Deduct	-16.90	
			For 316 Stainless Steel, Add	190.53	
			For Aluminum, Add	10.72	
			For Galvanized Steel, Add	36.91	
			For 304 Stainless Steel, Add	169.69	
05 12 23 00-0577	LF		C15 x 50 - 15" Wide Channel.....	152.15	58.29
			For >100 To 250, Deduct	-5.83	
			For >250 To 500, Deduct	-9.63	
			For >500 To 1,000, Deduct	-15.38	
			For >1,000, Deduct	-21.13	
			For 316 Stainless Steel, Add	238.14	
			For Aluminum, Add	13.40	
			For Galvanized Steel, Add	46.14	
			For 304 Stainless Steel, Add	212.10	
05 12 23 00-0578			Miscellaneous Channels - MC (05 12 23 00-0422)		
05 12 23 00-0579	LF		MC6 x 12 - 6" Wide Channel.....	37.84	14.98
			For >100 To 250, Deduct	-1.50	
			For >250 To 500, Deduct	-2.44	
			For >500 To 1,000, Deduct	-3.89	
			For >1,000, Deduct	-5.34	
			For 316 Stainless Steel, Add	57.15	
			For Aluminum, Add	3.21	
			For Galvanized Steel, Add	11.07	
			For 304 Stainless Steel, Add	50.90	



		Metals	05	
		Structural Metal Framing	05 10	
		Structural Steel Framing	05 12	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0580	LF		MC6 x 15.1 - 6" Wide Channel	47.62	18.85
			For >100 To 250, Deduct	-1.89	
			For >250 To 500, Deduct	-3.08	
			For >500 To 1,000, Deduct	-4.90	
			For >1,000, Deduct	-6.71	
			For 316 Stainless Steel, Add	71.94	
			For Aluminum, Add	4.05	
			For Galvanized Steel, Add	13.94	
			For 304 Stainless Steel, Add	64.07	
05 12 23 00-0581	LF		MC6 x 15.3 - 6" Wide Channel	48.24	19.10
			For >100 To 250, Deduct	-1.91	
			For >250 To 500, Deduct	-3.12	
			For >500 To 1,000, Deduct	-4.96	
			For >1,000, Deduct	-6.80	
			For 316 Stainless Steel, Add	72.86	
			For Aluminum, Add	4.10	
			For Galvanized Steel, Add	14.12	
			For 304 Stainless Steel, Add	64.89	
05 12 23 00-0582	LF		MC6 x 16.3 - 6" Wide Channel	51.40	20.35
			For >100 To 250, Deduct	-2.04	
			For >250 To 500, Deduct	-3.32	
			For >500 To 1,000, Deduct	-5.28	
			For >1,000, Deduct	-7.25	
			For 316 Stainless Steel, Add	77.63	
			For Aluminum, Add	4.37	
			For Galvanized Steel, Add	15.04	
			For 304 Stainless Steel, Add	69.14	
05 12 23 00-0583	LF		MC6 x 18 - 6" Wide Channel	56.76	22.47
			For >100 To 250, Deduct	-2.25	
			For >250 To 500, Deduct	-3.67	
			For >500 To 1,000, Deduct	-5.84	
			For >1,000, Deduct	-8.00	
			For 316 Stainless Steel, Add	85.73	
			For Aluminum, Add	4.82	
			For Galvanized Steel, Add	16.61	
			For 304 Stainless Steel, Add	76.35	
05 12 23 00-0584	LF		MC7 x 17.6 - 7" Wide Channel	55.39	21.89
			For >100 To 250, Deduct	-2.19	
			For >250 To 500, Deduct	-3.57	
			For >500 To 1,000, Deduct	-5.69	
			For >1,000, Deduct	-7.80	
			For 316 Stainless Steel, Add	83.84	
			For Aluminum, Add	4.72	
			For Galvanized Steel, Add	16.24	
			For 304 Stainless Steel, Add	74.67	
05 12 23 00-0585	LF		MC7 x 19.1 - 7" Wide Channel	60.12	23.76
			For >100 To 250, Deduct	-2.38	
			For >250 To 500, Deduct	-3.88	
			For >500 To 1,000, Deduct	-6.18	
			For >1,000, Deduct	-8.47	
			For 316 Stainless Steel, Add	90.98	
			For Aluminum, Add	5.12	
			For Galvanized Steel, Add	17.63	
			For 304 Stainless Steel, Add	81.03	
05 12 23 00-0586	LF		MC7 x 22.7 - 7" Wide Channel	71.44	28.24
			For >100 To 250, Deduct	-2.82	
			For >250 To 500, Deduct	-4.61	
			For >500 To 1,000, Deduct	-7.34	
			For >1,000, Deduct	-10.06	
			For 316 Stainless Steel, Add	108.13	
			For Aluminum, Add	6.08	
			For Galvanized Steel, Add	20.95	
			For 304 Stainless Steel, Add	96.30	
05 12 23 00-0587	LF		MC8 x 8.5 - 8" Wide Channel	25.87	9.91
			For >100 To 250, Deduct	-0.99	
			For >250 To 500, Deduct	-1.64	
			For >500 To 1,000, Deduct	-2.62	
			For >1,000, Deduct	-3.59	
			For 316 Stainless Steel, Add	40.48	
			For Aluminum, Add	2.28	
			For Galvanized Steel, Add	7.84	
			For 304 Stainless Steel, Add	36.05	
05 12 23 00-0588	LF		MC8 x 18.7 - 8" Wide Channel	56.90	21.80
			For >100 To 250, Deduct	-2.18	
			For >250 To 500, Deduct	-3.60	
			For >500 To 1,000, Deduct	-5.75	
			For >1,000, Deduct	-7.90	
			For 316 Stainless Steel, Add	89.06	
			For Aluminum, Add	5.01	
			For Galvanized Steel, Add	17.25	
			For 304 Stainless Steel, Add	79.32	

05 Metals**05 10 Structural Metal Framing****05 12 Structural Steel Framing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0589	LF		MC8 x 20 - 8" Wide Channel.....	60.87	23.31
			For >100 To 250, Deduct	-2.33	
			For >250 To 500, Deduct	-3.85	
			For >500 To 1,000, Deduct	-6.15	
			For >1,000, Deduct	-8.45	
			For 316 Stainless Steel, Add	95.26	
			For Aluminum, Add	5.36	
			For Galvanized Steel, Add	18.46	
			For 304 Stainless Steel, Add	84.84	
05 12 23 00-0590	LF		MC8 x 21.4 - 8" Wide Channel.....	65.13	24.96
			For >100 To 250, Deduct	-2.50	
			For >250 To 500, Deduct	-4.12	
			For >500 To 1,000, Deduct	-6.58	
			For >1,000, Deduct	-9.04	
			For 316 Stainless Steel, Add	101.92	
			For Aluminum, Add	5.73	
			For Galvanized Steel, Add	19.75	
			For 304 Stainless Steel, Add	90.77	
05 12 23 00-0591	LF		MC8 x 22.8 - 8" Wide Channel.....	69.38	26.59
			For >100 To 250, Deduct	-2.66	
			For >250 To 500, Deduct	-4.39	
			For >500 To 1,000, Deduct	-7.01	
			For >1,000, Deduct	-9.63	
			For 316 Stainless Steel, Add	108.61	
			For Aluminum, Add	6.11	
			For Galvanized Steel, Add	21.04	
			For 304 Stainless Steel, Add	96.73	
05 12 23 00-0592	LF		MC9 x 23.9 - 9" Wide Channel.....	72.73	27.87
			For >100 To 250, Deduct	-2.79	
			For >250 To 500, Deduct	-4.61	
			For >500 To 1,000, Deduct	-7.35	
			For >1,000, Deduct	-10.10	
			For 316 Stainless Steel, Add	113.82	
			For Aluminum, Add	6.40	
			For Galvanized Steel, Add	22.05	
			For 304 Stainless Steel, Add	101.37	
05 12 23 00-0593	LF		MC9 x 25.4 - 9" Wide Channel.....	77.29	29.61
			For >100 To 250, Deduct	-2.96	
			For >250 To 500, Deduct	-4.89	
			For >500 To 1,000, Deduct	-7.81	
			For >1,000, Deduct	-10.73	
			For 316 Stainless Steel, Add	120.99	
			For Aluminum, Add	6.81	
			For Galvanized Steel, Add	23.44	
			For 304 Stainless Steel, Add	107.76	
05 12 23 00-0594	LF		MC10 x 6.5 - 10" Wide Channel.....	19.78	7.58
			For >100 To 250, Deduct	-0.76	
			For >250 To 500, Deduct	-1.25	
			For >500 To 1,000, Deduct	-2.00	
			For >1,000, Deduct	-2.75	
			For 316 Stainless Steel, Add	30.94	
			For Aluminum, Add	1.74	
			For Galvanized Steel, Add	6.00	
			For 304 Stainless Steel, Add	27.56	
05 12 23 00-0595	LF		MC10 x 8.4 - 10" Wide Channel.....	25.56	9.79
			For >100 To 250, Deduct	-0.98	
			For >250 To 500, Deduct	-1.62	
			For >500 To 1,000, Deduct	-2.58	
			For >1,000, Deduct	-3.55	
			For 316 Stainless Steel, Add	40.00	
			For Aluminum, Add	2.25	
			For Galvanized Steel, Add	7.75	
			For 304 Stainless Steel, Add	35.63	
05 12 23 00-0596	LF		MC10 x 21.9 - 10" Wide Channel.....	66.64	25.54
			For >100 To 250, Deduct	-2.55	
			For >250 To 500, Deduct	-4.22	
			For >500 To 1,000, Deduct	-6.74	
			For >1,000, Deduct	-9.25	
			For 316 Stainless Steel, Add	104.32	
			For Aluminum, Add	5.87	
			For Galvanized Steel, Add	20.21	
			For 304 Stainless Steel, Add	92.91	
05 12 23 00-0597	LF		MC10 x 24.9 - 10" Wide Channel.....	75.78	29.04
			For >100 To 250, Deduct	-2.90	
			For >250 To 500, Deduct	-4.80	
			For >500 To 1,000, Deduct	-7.66	
			For >1,000, Deduct	-10.52	
			For 316 Stainless Steel, Add	118.59	
			For Aluminum, Add	6.67	
			For Galvanized Steel, Add	22.98	
			For 304 Stainless Steel, Add	105.62	



	Metals	05	
	Structural Metal Framing	05 10	05
	Structural Steel Framing	05 12	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0598	LF		MC10 x 25.3 - 10" Wide Channel	76.99	29.50
			For >100 To 250, Deduct	-2.95	
			For >250 To 500, Deduct	-4.67	
			For >500 To 1,000, Deduct	-7.78	
			For >1,000, Deduct	-10.69	
			For 316 Stainless Steel, Add	120.51	
			For Aluminum, Add	6.78	
			For Galvanized Steel, Add	23.35	
			For 304 Stainless Steel, Add	107.33	
05 12 23 00-0599	LF		MC10 x 28.3 - 10" Wide Channel	86.12	32.99
			For >100 To 250, Deduct	-3.30	
			For >250 To 500, Deduct	-5.45	
			For >500 To 1,000, Deduct	-8.71	
			For >1,000, Deduct	-11.96	
			For 316 Stainless Steel, Add	134.78	
			For Aluminum, Add	7.58	
			For Galvanized Steel, Add	26.11	
			For 304 Stainless Steel, Add	120.04	
05 12 23 00-0600	LF		MC10 x 28.5 - 10" Wide Channel	86.73	33.23
			For >100 To 250, Deduct	-3.32	
			For >250 To 500, Deduct	-5.49	
			For >500 To 1,000, Deduct	-8.77	
			For >1,000, Deduct	-12.04	
			For 316 Stainless Steel, Add	135.74	
			For Aluminum, Add	7.64	
			For Galvanized Steel, Add	26.30	
			For 304 Stainless Steel, Add	120.90	
05 12 23 00-0601	LF		MC10 x 33.6 - 10" Wide Channel	102.25	39.18
			For >100 To 250, Deduct	-3.92	
			For >250 To 500, Deduct	-6.47	
			For >500 To 1,000, Deduct	-10.34	
			For >1,000, Deduct	-14.20	
			For 316 Stainless Steel, Add	160.03	
			For Aluminum, Add	9.00	
			For Galvanized Steel, Add	31.01	
			For 304 Stainless Steel, Add	142.53	
05 12 23 00-0602	LF		MC10 x 41.1 - 10" Wide Channel	125.07	47.93
			For >100 To 250, Deduct	-4.79	
			For >250 To 500, Deduct	-7.92	
			For >500 To 1,000, Deduct	-12.64	
			For >1,000, Deduct	-17.37	
			For 316 Stainless Steel, Add	195.78	
			For Aluminum, Add	11.01	
			For Galvanized Steel, Add	37.93	
			For 304 Stainless Steel, Add	174.36	
05 12 23 00-0603	LF		MC12 x 30.9 - 12" Wide Channel	94.04	36.03
			For >100 To 250, Deduct	-3.60	
			For >250 To 500, Deduct	-5.95	
			For >500 To 1,000, Deduct	-9.51	
			For >1,000, Deduct	-13.06	
			For 316 Stainless Steel, Add	147.17	
			For Aluminum, Add	8.28	
			For Galvanized Steel, Add	28.51	
			For 304 Stainless Steel, Add	131.07	
05 12 23 00-0604	LF		MC12 x 32.9 - 12" Wide Channel	100.12	38.35
			For >100 To 250, Deduct	-3.84	
			For >250 To 500, Deduct	-6.34	
			For >500 To 1,000, Deduct	-10.12	
			For >1,000, Deduct	-13.90	
			For 316 Stainless Steel, Add	156.70	
			For Aluminum, Add	8.81	
			For Galvanized Steel, Add	30.36	
			For 304 Stainless Steel, Add	139.56	
05 12 23 00-0605	LF		MC12 x 35 - 12" Wide Channel	106.51	40.80
			For >100 To 250, Deduct	-4.08	
			For >250 To 500, Deduct	-6.74	
			For >500 To 1,000, Deduct	-10.77	
			For >1,000, Deduct	-14.79	
			For 316 Stainless Steel, Add	166.72	
			For Aluminum, Add	9.38	
			For Galvanized Steel, Add	32.30	
			For 304 Stainless Steel, Add	148.49	
05 12 23 00-0606	LF		MC12 x 37 - 12" Wide Channel	112.60	43.14
			For >100 To 250, Deduct	-4.31	
			For >250 To 500, Deduct	-7.13	
			For >500 To 1,000, Deduct	-11.38	
			For >1,000, Deduct	-15.64	
			For 316 Stainless Steel, Add	176.22	
			For Aluminum, Add	9.91	
			For Galvanized Steel, Add	34.14	
			For 304 Stainless Steel, Add	156.95	

05 Metals**05 10 Structural Metal Framing****05 12 Structural Steel Framing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0607	LF		MC12 x 40 - 12" Wide Channel.....	121.72	46.64
			For >100 To 250, Deduct	-4.66	
			For >250 To 500, Deduct	-7.71	
			For >500 To 1,000, Deduct	-12.30	
			For >1,000, Deduct	-16.90	
			For 316 Stainless Steel, Add	190.53	
			For Aluminum, Add	10.72	
			For Galvanized Steel, Add	36.91	
			For 304 Stainless Steel, Add	169.69	
05 12 23 00-0608	LF		MC12 x 45 - 12" Wide Channel.....	136.94	52.47
			For >100 To 250, Deduct	-5.25	
			For >250 To 500, Deduct	-8.67	
			For >500 To 1,000, Deduct	-13.84	
			For >1,000, Deduct	-19.02	
			For 316 Stainless Steel, Add	214.34	
			For Aluminum, Add	12.06	
			For Galvanized Steel, Add	41.53	
			For 304 Stainless Steel, Add	190.89	
05 12 23 00-0609	LF		MC12 x 50 - 12" Wide Channel.....	152.15	58.30
			For >100 To 250, Deduct	-5.83	
			For >250 To 500, Deduct	-9.63	
			For >500 To 1,000, Deduct	-15.38	
			For >1,000, Deduct	-21.13	
			For 316 Stainless Steel, Add	238.14	
			For Aluminum, Add	13.40	
			For Galvanized Steel, Add	46.14	
			For 304 Stainless Steel, Add	212.10	
05 12 23 00-0610	LF		MC13 x 31.8 - 13" Wide Channel.....	96.77	37.08
			For >100 To 250, Deduct	-3.71	
			For >250 To 500, Deduct	-6.13	
			For >500 To 1,000, Deduct	-9.78	
			For >1,000, Deduct	-13.44	
			For 316 Stainless Steel, Add	151.46	
			For Aluminum, Add	8.52	
			For Galvanized Steel, Add	29.34	
			For 304 Stainless Steel, Add	134.89	
05 12 23 00-0611	LF		MC13 x 35 - 13" Wide Channel.....	106.51	40.80
			For >100 To 250, Deduct	-4.08	
			For >250 To 500, Deduct	-6.74	
			For >500 To 1,000, Deduct	-10.77	
			For >1,000, Deduct	-14.79	
			For 316 Stainless Steel, Add	166.72	
			For Aluminum, Add	9.38	
			For Galvanized Steel, Add	32.30	
			For 304 Stainless Steel, Add	148.49	
05 12 23 00-0612	LF		MC13 x 40 - 13" Wide Channel.....	121.72	46.64
			For >100 To 250, Deduct	-4.66	
			For >250 To 500, Deduct	-7.71	
			For >500 To 1,000, Deduct	-12.30	
			For >1,000, Deduct	-16.90	
			For 316 Stainless Steel, Add	190.53	
			For Aluminum, Add	10.72	
			For Galvanized Steel, Add	36.91	
			For 304 Stainless Steel, Add	169.69	
05 12 23 00-0613	LF		MC13 x 50 - 13" Wide Channel.....	152.15	58.30
			For >100 To 250, Deduct	-5.83	
			For >250 To 500, Deduct	-9.63	
			For >500 To 1,000, Deduct	-15.38	
			For >1,000, Deduct	-21.13	
			For 316 Stainless Steel, Add	238.14	
			For Aluminum, Add	13.40	
			For Galvanized Steel, Add	46.14	
			For 304 Stainless Steel, Add	212.10	
05 12 23 00-0614	LF		MC18 x 42.7 - 18" Wide Channel.....	129.94	49.79
			For >100 To 250, Deduct	-4.98	
			For >250 To 500, Deduct	-8.23	
			For >500 To 1,000, Deduct	-13.14	
			For >1,000, Deduct	-18.04	
			For 316 Stainless Steel, Add	203.39	
			For Aluminum, Add	11.44	
			For Galvanized Steel, Add	39.41	
			For 304 Stainless Steel, Add	181.15	
05 12 23 00-0615	LF		MC18 x 45.8 - 18" Wide Channel.....	139.37	53.41
			For >100 To 250, Deduct	-5.34	
			For >250 To 500, Deduct	-8.82	
			For >500 To 1,000, Deduct	-14.09	
			For >1,000, Deduct	-19.35	
			For 316 Stainless Steel, Add	218.14	
			For Aluminum, Add	12.27	
			For Galvanized Steel, Add	42.27	
			For 304 Stainless Steel, Add	194.28	



	Metals	05	
	Structural Metal Framing	05 10	05
	Structural Steel Framing	05 12	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0616	LF		MC18 x 51.9 - 18" Wide Channel	157.94	60.51
			For >100 To 250, Deduct	-6.05	
			For >250 To 500, Deduct	-10.00	
			For >500 To 1,000, Deduct	-15.97	
			For >1,000, Deduct	-21.93	
			For 316 Stainless Steel, Add	247.20	
			For Aluminum, Add	13.91	
			For Galvanized Steel, Add	47.90	
			For 304 Stainless Steel, Add	220.16	
05 12 23 00-0617	LF		MC18 x 58 - 18" Wide Channel	176.50	67.62
			For >100 To 250, Deduct	-6.76	
			For >250 To 500, Deduct	-11.18	
			For >500 To 1,000, Deduct	-17.84	
			For >1,000, Deduct	-24.51	
			For 316 Stainless Steel, Add	276.26	
			For Aluminum, Add	15.54	
			For Galvanized Steel, Add	53.52	
			For 304 Stainless Steel, Add	246.04	
05 12 23 00-0618			Structural Bar Tees (05 12 23 00-0422)		
05 12 23 00-0619	LF		3/4" x 3/4" x 1/8" Structural Bar Tee	5.33	3.10
			For >100 To 250, Deduct	-0.31	
			For >250 To 500, Deduct	-0.44	
			For >500 To 1,000, Deduct	-0.68	
			For >1,000, Deduct	-0.92	
			For 316 Stainless Steel, Add	3.84	
			For Aluminum, Add	0.22	
			For Galvanized Steel, Add	0.74	
			For 304 Stainless Steel, Add	3.42	
05 12 23 00-0620	LF		1" x 1" x 1/8" Structural Bar Tee	6.53	3.66
			For >100 To 250, Deduct	-0.37	
			For >250 To 500, Deduct	-0.53	
			For >500 To 1,000, Deduct	-0.81	
			For >1,000, Deduct	-1.10	
			For 316 Stainless Steel, Add	5.28	
			For Aluminum, Add	0.30	
			For Galvanized Steel, Add	1.02	
			For 304 Stainless Steel, Add	4.70	
05 12 23 00-0621	LF		1-1/2" x 1-1/2" x 1/4" Structural Bar Tee	10.35	4.22
			For >100 To 250, Deduct	-0.42	
			For >250 To 500, Deduct	-0.68	
			For >500 To 1,000, Deduct	-1.08	
			For >1,000, Deduct	-1.48	
			For 316 Stainless Steel, Add	15.10	
			For Aluminum, Add	0.85	
			For Galvanized Steel, Add	2.93	
			For 304 Stainless Steel, Add	13.45	
05 12 23 00-0622	LF		2" x 2" x 1/4" Structural Bar Tee	14.39	5.52
			For >100 To 250, Deduct	-0.55	
			For >250 To 500, Deduct	-0.91	
			For >500 To 1,000, Deduct	-1.46	
			For >1,000, Deduct	-2.00	
			For 316 Stainless Steel, Add	22.50	
			For Aluminum, Add	1.27	
			For Galvanized Steel, Add	4.36	
			For 304 Stainless Steel, Add	20.04	
05 12 23 00-0623	LF		2-1/2" x 2-1/2" x 3/8" Structural Bar Tee	21.51	6.66
			For >100 To 250, Deduct	-0.67	
			For >250 To 500, Deduct	-1.20	
			For >500 To 1,000, Deduct	-1.96	
			For >1,000, Deduct	-2.72	
			For 316 Stainless Steel, Add	40.38	
			For Aluminum, Add	2.27	
			For Galvanized Steel, Add	7.82	
			For 304 Stainless Steel, Add	35.97	
05 12 23 00-0624	LF		3" x 3" x 3/8" Structural Bar Tee	26.52	8.53
			For >100 To 250, Deduct	-0.85	
			For >250 To 500, Deduct	-1.52	
			For >500 To 1,000, Deduct	-2.46	
			For >1,000, Deduct	-3.41	
			For 316 Stainless Steel, Add	48.48	
			For Aluminum, Add	2.73	
			For Galvanized Steel, Add	9.39	
			For 304 Stainless Steel, Add	43.18	

05 12 23 00-0625 Structural Zees (05 12 23 00-0422)

05 Metals**05 10 Structural Metal Framing****05 12 Structural Steel Framing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0626	LF		1-1/4" x 1-3/4" x 1-3/4" x 3/16" Structural Zee.....	12.67	4.22
			For >100 To 250, Deduct	-0.42	
			For >250 To 500, Deduct	-0.74	
			For >500 To 1,000, Deduct	-1.20	
			For >1,000, Deduct	-1.65	
			For 316 Stainless Steel, Add	22.53	
			For Aluminum, Add	1.27	
			For Galvanized Steel, Add	4.36	
			For 304 Stainless Steel, Add	20.06	
05 12 23 00-0627	LF		2-11/16" x 3" x 2-11/16" x 1/4" Structural Zee.....	23.56	5.04
			For >100 To 250, Deduct	-0.50	
			For >250 To 500, Deduct	-1.09	
			For >500 To 1,000, Deduct	-1.85	
			For >1,000, Deduct	-2.61	
			For 316 Stainless Steel, Add	53.89	
			For Aluminum, Add	3.03	
			For Galvanized Steel, Add	10.44	
			For 304 Stainless Steel, Add	47.99	
05 12 23 00-0628	LF		3-1/16" x 4" x 3-1/16" x 1/4" Structural Zee.....	28.20	5.69
			For >100 To 250, Deduct	-0.57	
			For >250 To 500, Deduct	-1.27	
			For >500 To 1,000, Deduct	-2.17	
			For >1,000, Deduct	-3.06	
			For 316 Stainless Steel, Add	65.95	
			For Aluminum, Add	3.71	
			For Galvanized Steel, Add	12.78	
			For 304 Stainless Steel, Add	58.74	
05 12 23 00-0629	LF		3-1/4" x 5" x 3-1/4" x 5/16" Structural Zee.....	37.81	6.50
			For >100 To 250, Deduct	-0.65	
			For >250 To 500, Deduct	-1.59	
			For >500 To 1,000, Deduct	-2.76	
			For >1,000, Deduct	-3.92	
			For 316 Stainless Steel, Add	93.28	
			For Aluminum, Add	5.25	
			For Galvanized Steel, Add	18.07	
			For 304 Stainless Steel, Add	83.08	
05 12 23 00-0630	LF		3-1/2" x 6" x 3-1/2" x 3/8" Structural Zee.....	48.89	7.07
			For >100 To 250, Deduct	-0.71	
			For >250 To 500, Deduct	-1.93	
			For >500 To 1,000, Deduct	-3.39	
			For >1,000, Deduct	-4.85	
			For 316 Stainless Steel, Add	126.27	
			For Aluminum, Add	7.10	
			For Galvanized Steel, Add	24.47	
			For 304 Stainless Steel, Add	112.46	
05 12 23 00-0631			Junior I-Beams (05 12 23 00-0422)		
05 12 23 00-0632	LF		3" Junior I-Beam, 2.9 LB/LF.....	17.41	6.10
			For >100 To 250, Deduct	-0.61	
			For >250 To 500, Deduct	-1.05	
			For >500 To 1,000, Deduct	-1.68	
			For >1,000, Deduct	-2.32	
			For 316 Stainless Steel, Add	29.70	
			For Aluminum, Add	1.67	
			For Galvanized Steel, Add	5.75	
			For 304 Stainless Steel, Add	26.45	
05 12 23 00-0633	LF		4" Junior I-Beam, 3.2 LB/LF.....	19.13	6.66
			For >100 To 250, Deduct	-0.67	
			For >250 To 500, Deduct	-1.15	
			For >500 To 1,000, Deduct	-1.85	
			For >1,000, Deduct	-2.55	
			For 316 Stainless Steel, Add	32.77	
			For Aluminum, Add	1.84	
			For Galvanized Steel, Add	6.35	
			For 304 Stainless Steel, Add	29.18	
05 12 23 00-0634	LF		5" Junior I-Beam, 3.8 LB/LF.....	21.90	7.31
			For >100 To 250, Deduct	-0.73	
			For >250 To 500, Deduct	-1.28	
			For >500 To 1,000, Deduct	-2.07	
			For >1,000, Deduct	-2.86	
			For 316 Stainless Steel, Add	38.88	
			For Aluminum, Add	2.19	
			For Galvanized Steel, Add	7.53	
			For 304 Stainless Steel, Add	34.63	
05 12 23 00-0635	LF		6" Junior I-Beam, 4.4 LB/LF.....	24.69	7.96
			For >100 To 250, Deduct	-0.80	
			For >250 To 500, Deduct	-1.41	
			For >500 To 1,000, Deduct	-2.30	
			For >1,000, Deduct	-3.18	
			For 316 Stainless Steel, Add	45.02	
			For Aluminum, Add	2.53	
			For Galvanized Steel, Add	8.72	
			For 304 Stainless Steel, Add	40.10	



	Metals	05	
	Structural Metal Framing	05 10	
	Structural Steel Framing	05 12	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0636	LF	7" Junior I-Beam, 5.5 LB/LF		28.96	8.53
		For >100 To 250, Deduct		-0.85	
		For >250 To 500, Deduct		-1.58	
		For >500 To 1,000, Deduct		-2.59	
		For >1,000, Deduct		-3.59	
		For 316 Stainless Steel, Add		56.29	
		For Aluminum, Add		3.17	
		For Galvanized Steel, Add		10.91	
		For 304 Stainless Steel, Add		50.13	
05 12 23 00-0637	LF	8" Junior I-Beam, 6.5 LB/LF		32.92	9.10
		For >100 To 250, Deduct		-0.91	
		For >250 To 500, Deduct		-1.73	
		For >500 To 1,000, Deduct		-2.86	
		For >1,000, Deduct		-3.99	
		For 316 Stainless Steel, Add		66.53	
		For Aluminum, Add		3.74	
		For Galvanized Steel, Add		12.89	
		For 304 Stainless Steel, Add		59.25	
05 12 23 00-0638	LF	10" Junior I-Beam, 9 LB/LF		42.66	10.40
		For >100 To 250, Deduct		-1.04	
		For >250 To 500, Deduct		-2.11	
		For >500 To 1,000, Deduct		-3.52	
		For >1,000, Deduct		-4.93	
		For 316 Stainless Steel, Add		92.13	
		For Aluminum, Add		5.18	
		For Galvanized Steel, Add		17.85	
		For 304 Stainless Steel, Add		82.05	
05 12 23 00-0639	LF	12" Junior I-Beam, 11.8 LB/LF		54.21	12.35
		For >100 To 250, Deduct		-1.24	
		For >250 To 500, Deduct		-2.59	
		For >500 To 1,000, Deduct		-4.36	
		For >1,000, Deduct		-6.12	
		For 316 Stainless Steel, Add		120.77	
		For Aluminum, Add		6.79	
		For Galvanized Steel, Add		23.40	
		For 304 Stainless Steel, Add		107.56	
05 12 23 00-0640		Round Stock (05 12 23 00-0422)			
05 12 23 00-0641	LF	1/4" Carbon Steel Rounds, ASTM A108		2.62	
		For 316 Stainless Steel, Add		4.90	
		For Aluminum, Add		0.28	
		For Galvanized Steel, Add		0.95	
		For 304 Stainless Steel, Add		4.36	
05 12 23 00-0642	LF	3/8" Carbon Steel Rounds, ASTM A108		4.25	
		For 316 Stainless Steel, Add		9.66	
		For Aluminum, Add		0.54	
		For Galvanized Steel, Add		1.87	
		For 304 Stainless Steel, Add		8.61	
05 12 23 00-0643	LF	1/2" Carbon Steel Rounds, ASTM A108		5.94	
		For 316 Stainless Steel, Add		14.69	
		For Aluminum, Add		0.83	
		For Galvanized Steel, Add		2.85	
		For 304 Stainless Steel, Add		13.08	
05 12 23 00-0644	LF	5/8" Carbon Steel Rounds, ASTM A108		9.16	
		For 316 Stainless Steel, Add		24.51	
		For Aluminum, Add		1.38	
		For Galvanized Steel, Add		4.75	
		For 304 Stainless Steel, Add		21.83	
05 12 23 00-0645	LF	3/4" Carbon Steel Rounds, ASTM A108		10.89	
		For 316 Stainless Steel, Add		29.09	
		For Aluminum, Add		1.64	
		For Galvanized Steel, Add		5.64	
		For 304 Stainless Steel, Add		25.91	
05 12 23 00-0646	LF	7/8" Carbon Steel Rounds, ASTM A108		12.72	
		For 316 Stainless Steel, Add		34.02	
		For Aluminum, Add		1.91	
		For Galvanized Steel, Add		6.59	
		For 304 Stainless Steel, Add		30.30	
05 12 23 00-0647	LF	1" Carbon Steel Rounds, ASTM A108		18.65	
		For 316 Stainless Steel, Add		51.81	
		For Aluminum, Add		2.91	
		For Galvanized Steel, Add		10.04	
		For 304 Stainless Steel, Add		46.14	
05 12 23 00-0648	LF	1-1/8" Carbon Steel Rounds, ASTM A108		22.68	
		For 316 Stainless Steel, Add		62.94	
		For Aluminum, Add		3.54	
		For Galvanized Steel, Add		12.20	
		For 304 Stainless Steel, Add		56.06	
05 12 23 00-0649	LF	1-1/4" Carbon Steel Rounds, ASTM A108		27.02	
		For 316 Stainless Steel, Add		74.08	
		For Aluminum, Add		4.17	
		For Galvanized Steel, Add		14.35	
		For 304 Stainless Steel, Add		65.98	

05 Metals**05 10 Structural Metal Framing****05 12 Structural Steel Framing**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0650	LF	1-3/8" Carbon Steel Rounds, ASTM A108.....	32.77	
		For 316 Stainless Steel, Add	90.43	
		For Aluminum, Add	5.09	
		For Galvanized Steel, Add	17.52	
		For 304 Stainless Steel, Add	80.54	
05 12 23 00-0651	LF	1-1/2" Carbon Steel Rounds, ASTM A108.....	36.41	
		For 316 Stainless Steel, Add	99.17	
		For Aluminum, Add	5.58	
		For Galvanized Steel, Add	19.21	
		For 304 Stainless Steel, Add	88.32	
05 12 23 00-0652	LF	1-5/8" Carbon Steel Rounds, ASTM A108.....	41.89	
		For 316 Stainless Steel, Add	112.38	
		For Aluminum, Add	6.32	
		For Galvanized Steel, Add	21.77	
		For 304 Stainless Steel, Add	100.09	
05 12 23 00-0653	LF	1-3/4" Carbon Steel Rounds, ASTM A108.....	49.91	
		For 316 Stainless Steel, Add	130.82	
		For Aluminum, Add	7.36	
		For Galvanized Steel, Add	25.35	
		For 304 Stainless Steel, Add	116.51	
05 12 23 00-0654	LF	1-7/8" Carbon Steel Rounds, ASTM A108.....	59.80	
		For 316 Stainless Steel, Add	153.22	
		For Aluminum, Add	8.62	
		For Galvanized Steel, Add	29.69	
		For 304 Stainless Steel, Add	136.46	
05 12 23 00-0655	LF	2" Carbon Steel Rounds, ASTM A108.....	67.99	
		For 316 Stainless Steel, Add	170.43	
		For Aluminum, Add	9.59	
		For Galvanized Steel, Add	33.02	
		For 304 Stainless Steel, Add	151.79	
05 12 23 00-0656	LF	2-1/8" Carbon Steel Rounds, ASTM A108.....	79.13	
		For 316 Stainless Steel, Add	194.66	
		For Aluminum, Add	10.95	
		For Galvanized Steel, Add	37.71	
		For 304 Stainless Steel, Add	173.37	
05 12 23 00-0657	LF	2-1/4" Carbon Steel Rounds, ASTM A108.....	89.42	
		For 316 Stainless Steel, Add	218.85	
		For Aluminum, Add	12.31	
		For Galvanized Steel, Add	42.40	
		For 304 Stainless Steel, Add	194.91	
05 12 23 00-0658	LF	2-3/8" Carbon Steel Rounds, ASTM A108.....	102.42	
		For 316 Stainless Steel, Add	250.34	
		For Aluminum, Add	14.08	
		For Galvanized Steel, Add	48.50	
		For 304 Stainless Steel, Add	222.96	
05 12 23 00-0659	LF	2-1/2" Carbon Steel Rounds, ASTM A108.....	112.71	
		For 316 Stainless Steel, Add	269.79	
		For Aluminum, Add	15.18	
		For Galvanized Steel, Add	52.27	
		For 304 Stainless Steel, Add	240.28	
05 12 23 00-0660	LF	2-5/8" Carbon Steel Rounds, ASTM A108.....	138.64	
		For 316 Stainless Steel, Add	342.69	
		For Aluminum, Add	19.28	
		For Galvanized Steel, Add	66.40	
		For 304 Stainless Steel, Add	305.21	
05 12 23 00-0661	LF	2-3/4" Carbon Steel Rounds, ASTM A108.....	157.89	
		For 316 Stainless Steel, Add	390.78	
		For Aluminum, Add	21.98	
		For Galvanized Steel, Add	75.71	
		For 304 Stainless Steel, Add	348.04	
05 12 23 00-0662	LF	2-7/8" Carbon Steel Rounds, ASTM A108.....	176.06	
		For 316 Stainless Steel, Add	435.49	
		For Aluminum, Add	24.50	
		For Galvanized Steel, Add	84.38	
		For 304 Stainless Steel, Add	387.86	
05 12 23 00-0663	LF	3" Carbon Steel Rounds, ASTM A108.....	184.35	
		For 316 Stainless Steel, Add	448.54	
		For Aluminum, Add	25.23	
		For Galvanized Steel, Add	86.91	
		For 304 Stainless Steel, Add	399.48	
05 12 23 00-0664	LF	3-1/8" Carbon Steel Rounds, ASTM A108.....	191.67	
		For 316 Stainless Steel, Add	458.50	
		For Aluminum, Add	25.79	
		For Galvanized Steel, Add	88.83	
		For 304 Stainless Steel, Add	408.35	
05 12 23 00-0665	LF	3-1/4" Carbon Steel Rounds, ASTM A108.....	201.71	
		For 316 Stainless Steel, Add	477.18	
		For Aluminum, Add	26.84	
		For Galvanized Steel, Add	92.45	
		For 304 Stainless Steel, Add	424.99	
05 12 23 00-0666	LF	3-1/2" Carbon Steel Rounds, ASTM A108.....	247.07	
		For 316 Stainless Steel, Add	605.47	
		For Aluminum, Add	34.06	
		For Galvanized Steel, Add	117.31	
		For 304 Stainless Steel, Add	539.25	



	Metals	05	
	Structural Metal Framing	05 10	05
	Structural Steel Framing	05 12	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0667	LF		3-5/8" Carbon Steel Rounds, ASTM A108.....	274.78	
			For 316 Stainless Steel, Add	677.34	
			For Aluminum, Add	38.10	
			For Galvanized Steel, Add	131.24	
			For 304 Stainless Steel, Add	603.26	
05 12 23 00-0668	LF		3-3/4" Carbon Steel Rounds, ASTM A108.....	294.80	
			For 316 Stainless Steel, Add	724.54	
			For Aluminum, Add	40.76	
			For Galvanized Steel, Add	140.38	
			For 304 Stainless Steel, Add	645.30	
05 12 23 00-0669	LF		4" Carbon Steel Rounds, ASTM A108.....	331.42	
			For 316 Stainless Steel, Add	824.93	
			For Aluminum, Add	46.40	
			For Galvanized Steel, Add	159.83	
			For 304 Stainless Steel, Add	734.70	
05 12 23 00-0670			Square Stock (05 12 23 00-0422)		
05 12 23 00-0671	LF		3/8" Square Bar Stock.....	1.94	
			For 316 Stainless Steel, Add	2.27	
			For Aluminum, Add	0.13	
			For Galvanized Steel, Add	0.44	
			For 304 Stainless Steel, Add	2.02	
05 12 23 00-0672	LF		1/2" Square Bar Stock.....	2.61	
			For 316 Stainless Steel, Add	4.03	
			For Aluminum, Add	0.23	
			For Galvanized Steel, Add	0.78	
			For 304 Stainless Steel, Add	3.59	
05 12 23 00-0673	LF		5/8" Square Bar Stock.....	3.46	
			For 316 Stainless Steel, Add	6.27	
			For Aluminum, Add	0.35	
			For Galvanized Steel, Add	1.22	
			For 304 Stainless Steel, Add	5.59	
05 12 23 00-0674	LF		3/4" Square Bar Stock.....	4.63	
			For 316 Stainless Steel, Add	9.06	
			For Aluminum, Add	0.51	
			For Galvanized Steel, Add	1.75	
			For 304 Stainless Steel, Add	8.07	
05 12 23 00-0675	LF		7/8" Square Bar Stock.....	6.04	
			For 316 Stainless Steel, Add	12.64	
			For Aluminum, Add	0.71	
			For Galvanized Steel, Add	2.45	
			For 304 Stainless Steel, Add	11.26	
05 12 23 00-0676	LF		1" Square Bar Stock.....	7.51	
			For 316 Stainless Steel, Add	16.16	
			For Aluminum, Add	0.91	
			For Galvanized Steel, Add	3.13	
			For 304 Stainless Steel, Add	14.39	
05 12 23 00-0677	LF		1-1/4" Square Bar Stock.....	11.75	
			For 316 Stainless Steel, Add	25.22	
			For Aluminum, Add	1.42	
			For Galvanized Steel, Add	4.89	
			For 304 Stainless Steel, Add	22.46	
05 12 23 00-0678	LF		1-1/2" Square Bar Stock.....	16.77	
			For 316 Stainless Steel, Add	36.32	
			For Aluminum, Add	2.04	
			For Galvanized Steel, Add	7.04	
			For 304 Stainless Steel, Add	32.35	
05 12 23 00-0679	LF		1-3/4" Square Bar Stock.....	24.82	
			For 316 Stainless Steel, Add	50.53	
			For Aluminum, Add	2.84	
			For Galvanized Steel, Add	9.79	
			For 304 Stainless Steel, Add	45.00	
05 12 23 00-0680	LF		2" Square Bar Stock.....	35.37	
			For 316 Stainless Steel, Add	64.64	
			For Aluminum, Add	3.64	
			For Galvanized Steel, Add	12.52	
			For 304 Stainless Steel, Add	57.57	
05 12 23 00-0681			Steel Tubing (05 12 23 00-0422)		
			Note: General purpose low-carbon steel.		
05 12 23 00-0682			Square Steel Tubing (05 12 23 00-0681)		
05 12 23 00-0683			0.06" Wall Thickness (05 12 23 00-0682)		
05 12 23 00-0684	LF		1/2" x 1/2" x 0.06" Square Steel Tubing.....	2.64	0.58
			For >100 To 250, Deduct	-0.06	
			For >250 To 500, Deduct	-0.12	
			For >500 To 1,000, Deduct	-0.21	
			For >1,000, Deduct	-0.30	
			For 316 Stainless Steel, Add	5.95	
			For Aluminum, Add	0.33	
			For Galvanized Steel, Add	1.15	
			For 304 Stainless Steel, Add	5.30	

05 Metals**05 10 Structural Metal Framing****05 12 Structural Steel Framing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0685	LF	3/4" x 3/4" x 0.06" Square Steel Tubing	.....	4.05	0.92
		For >100 To 250, Deduct	.....	-0.09	
		For >250 To 500, Deduct	.....	-0.19	
		For >500 To 1,000, Deduct	.....	-0.32	
		For >1,000, Deduct	.....	-0.46	
		For 316 Stainless Steel, Add	.....	9.06	
		For Aluminum, Add	.....	0.51	
		For Galvanized Steel, Add	.....	1.75	
		For 304 Stainless Steel, Add	.....	8.07	
05 12 23 00-0686	LF	1" x 1" x 0.06" Square Steel Tubing	.....	5.44	1.66
		For >100 To 250, Deduct	.....	-0.12	
		For >250 To 500, Deduct	.....	-0.26	
		For >500 To 1,000, Deduct	.....	-0.44	
		For >1,000, Deduct	.....	-0.62	
		For 316 Stainless Steel, Add	.....	12.10	
		For Aluminum, Add	.....	0.68	
		For Galvanized Steel, Add	.....	2.34	
		For 304 Stainless Steel, Add	.....	10.77	
05 12 23 00-0687	LF	1-1/4" x 1-1/4" x 0.06" Square Steel Tubing	.....	7.20	1.58
		For >100 To 250, Deduct	.....	-0.16	
		For >250 To 500, Deduct	.....	-0.34	
		For >500 To 1,000, Deduct	.....	-0.57	
		For >1,000, Deduct	.....	-0.80	
		For 316 Stainless Steel, Add	.....	16.29	
		For Aluminum, Add	.....	0.92	
		For Galvanized Steel, Add	.....	3.16	
		For 304 Stainless Steel, Add	.....	14.51	
05 12 23 00-0688	LF	1-1/2" x 1-1/2" x 0.06" Square Steel Tubing	.....	8.53	1.91
		For >100 To 250, Deduct	.....	-0.19	
		For >250 To 500, Deduct	.....	-0.40	
		For >500 To 1,000, Deduct	.....	-0.68	
		For >1,000, Deduct	.....	-0.96	
		For 316 Stainless Steel, Add	.....	19.14	
		For Aluminum, Add	.....	1.08	
		For Galvanized Steel, Add	.....	3.71	
		For 304 Stainless Steel, Add	.....	17.04	
05 12 23 00-0689		0.083" Wall Thickness (05 12 23 00-0692)			
05 12 23 00-0690	LF	3/4" x 3/4" x 0.083" Square Steel Tubing	.....	4.71	1.07
		For >100 To 250, Deduct	.....	-0.11	
		For >250 To 500, Deduct	.....	-0.23	
		For >500 To 1,000, Deduct	.....	-0.38	
		For >1,000, Deduct	.....	-0.53	
		For 316 Stainless Steel, Add	.....	10.50	
		For Aluminum, Add	.....	0.59	
		For Galvanized Steel, Add	.....	2.03	
		For 304 Stainless Steel, Add	.....	9.35	
05 12 23 00-0691	LF	1" x 1" x 0.083" Square Steel Tubing	.....	6.86	1.47
		For >100 To 250, Deduct	.....	-0.15	
		For >250 To 500, Deduct	.....	-0.32	
		For >500 To 1,000, Deduct	.....	-0.54	
		For >1,000, Deduct	.....	-0.76	
		For 316 Stainless Steel, Add	.....	15.68	
		For Aluminum, Add	.....	0.88	
		For Galvanized Steel, Add	.....	3.04	
		For 304 Stainless Steel, Add	.....	13.97	
05 12 23 00-0692	LF	1-1/4" x 1-1/4" x 0.083" Square Steel Tubing	.....	8.29	1.87
		For >100 To 250, Deduct	.....	-0.19	
		For >250 To 500, Deduct	.....	-0.39	
		For >500 To 1,000, Deduct	.....	-0.66	
		For >1,000, Deduct	.....	-0.93	
		For 316 Stainless Steel, Add	.....	18.53	
		For Aluminum, Add	.....	1.04	
		For Galvanized Steel, Add	.....	3.59	
		For 304 Stainless Steel, Add	.....	16.50	
05 12 23 00-0693	LF	1-1/2" x 1-1/2" x 0.083" Square Steel Tubing	.....	10.02	2.28
		For >100 To 250, Deduct	.....	-0.23	
		For >250 To 500, Deduct	.....	-0.48	
		For >500 To 1,000, Deduct	.....	-0.80	
		For >1,000, Deduct	.....	-1.13	
		For 316 Stainless Steel, Add	.....	22.37	
		For Aluminum, Add	.....	1.26	
		For Galvanized Steel, Add	.....	4.33	
		For 304 Stainless Steel, Add	.....	19.92	
05 12 23 00-0694	LF	2" x 2" x 0.083" Square Steel Tubing	.....	12.84	3.03
		For >100 To 250, Deduct	.....	-0.30	
		For >250 To 500, Deduct	.....	-0.62	
		For >500 To 1,000, Deduct	.....	-1.05	
		For >1,000, Deduct	.....	-1.47	
		For 316 Stainless Steel, Add	.....	28.13	
		For Aluminum, Add	.....	1.58	
		For Galvanized Steel, Add	.....	5.45	
		For 304 Stainless Steel, Add	.....	25.05	



	Metals	05	05
	Structural Metal Framing	05 10	
	Structural Steel Framing	05 12	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0695		0.12" Wall Thickness (05 12 23 00-0682)		
05 12 23 00-0696	LF	1" x 1" x 0.12" Square Steel Tubing.....	7.57	1.75
		For >100 To 250, Deduct	-0.18	
		For >250 To 500, Deduct	-0.36	
		For >500 To 1,000, Deduct	-0.61	
		For >1,000, Deduct	-0.86	
		For 316 Stainless Steel, Add	16.74	
		For Aluminum, Add	0.94	
		For Galvanized Steel, Add	3.24	
		For 304 Stainless Steel, Add	14.91	
05 12 23 00-0697	LF	1-1/4" x 1-1/4" x 0.12" Square Steel Tubing	9.75	2.25
		For >100 To 250, Deduct	-0.23	
		For >250 To 500, Deduct	-0.47	
		For >500 To 1,000, Deduct	-0.79	
		For >1,000, Deduct	-1.11	
		For 316 Stainless Steel, Add	21.60	
		For Aluminum, Add	1.22	
		For Galvanized Steel, Add	4.19	
		For 304 Stainless Steel, Add	19.24	
05 12 23 00-0698	LF	1-1/2" x 1-1/2" x 0.12" Square Steel Tubing	11.97	2.75
		For >100 To 250, Deduct	-0.28	
		For >250 To 500, Deduct	-0.57	
		For >500 To 1,000, Deduct	-0.97	
		For >1,000, Deduct	-1.36	
		For 316 Stainless Steel, Add	26.56	
		For Aluminum, Add	1.49	
		For Galvanized Steel, Add	5.15	
		For 304 Stainless Steel, Add	23.66	
05 12 23 00-0699	LF	2" x 2" x 0.12" Square Steel Tubing.....	16.19	3.75
		For >100 To 250, Deduct	-0.37	
		For >250 To 500, Deduct	-0.78	
		For >500 To 1,000, Deduct	-1.31	
		For >1,000, Deduct	-1.84	
		For 316 Stainless Steel, Add	35.84	
		For Aluminum, Add	2.02	
		For Galvanized Steel, Add	6.94	
		For 304 Stainless Steel, Add	31.92	
05 12 23 00-0700		1/8" Wall Thickness (05 12 23 00-0682)		
05 12 23 00-0701	LF	2" x 2" x 1/8" Square Steel Tubing.....	14.53	3.89
		For >100 To 250, Deduct	-0.39	
		For >250 To 500, Deduct	-0.75	
		For >500 To 1,000, Deduct	-1.25	
		For >1,000, Deduct	-1.74	
		For 316 Stainless Steel, Add	29.89	
		For Aluminum, Add	1.68	
		For Galvanized Steel, Add	5.79	
		For 304 Stainless Steel, Add	26.62	
05 12 23 00-0702	LF	2-1/2" x 2-1/2" x 1/8" Square Steel Tubing	19.18	4.93
		For >100 To 250, Deduct	-0.49	
		For >250 To 500, Deduct	-0.97	
		For >500 To 1,000, Deduct	-1.62	
		For >1,000, Deduct	-2.26	
		For 316 Stainless Steel, Add	40.35	
		For Aluminum, Add	2.27	
		For Galvanized Steel, Add	7.82	
		For 304 Stainless Steel, Add	35.94	
05 12 23 00-0703	LF	3" x 3" x 1/8" Square Steel Tubing.....	22.45	5.96
		For >100 To 250, Deduct	-0.60	
		For >250 To 500, Deduct	-1.16	
		For >500 To 1,000, Deduct	-1.92	
		For >1,000, Deduct	-2.68	
		For 316 Stainless Steel, Add	46.40	
		For Aluminum, Add	2.61	
		For Galvanized Steel, Add	8.99	
		For 304 Stainless Steel, Add	41.33	
05 12 23 00-0704	LF	3-1/2" x 3-1/2" x 1/8" Square Steel Tubing	26.00	7.00
		For >100 To 250, Deduct	-0.70	
		For >250 To 500, Deduct	-1.35	
		For >500 To 1,000, Deduct	-2.23	
		For >1,000, Deduct	-3.12	
		For 316 Stainless Steel, Add	53.34	
		For Aluminum, Add	3.00	
		For Galvanized Steel, Add	10.34	
		For 304 Stainless Steel, Add	47.51	
05 12 23 00-0705	LF	4" x 4" x 1/8" Square Steel Tubing.....	28.62	8.04
		For >100 To 250, Deduct	-0.80	
		For >250 To 500, Deduct	-1.52	
		For >500 To 1,000, Deduct	-2.50	
		For >1,000, Deduct	-3.49	
		For 316 Stainless Steel, Add	57.28	
		For Aluminum, Add	3.22	
		For Galvanized Steel, Add	11.10	
		For 304 Stainless Steel, Add	51.02	

05 Metals**05 10 Structural Metal Framing****05 12 Structural Steel Framing**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

05 12 23 00-0706	3/16" Wall Thickness (05 12 23 00-0682)		
05 12 23 00-0707	LF 2" x 2" x 3/16" Square Steel Tubing.....	16.47	4.39
	For >100 To 250, Deduct	-0.44	
	For >250 To 500, Deduct	-0.85	
	For >500 To 1,000, Deduct	-1.41	
	For >1,000, Deduct	-1.97	
	For 316 Stainless Steel, Add	33.98	
	For Aluminum, Add	1.91	
	For Galvanized Steel, Add	6.58	
	For 304 Stainless Steel, Add	30.27	
05 12 23 00-0708	LF 2-1/2" x 2-1/2" x 3/16" Square Steel Tubing.....	21.32	5.68
	For >100 To 250, Deduct	-0.57	
	For >250 To 500, Deduct	-1.10	
	For >500 To 1,000, Deduct	-1.82	
	For >1,000, Deduct	-2.55	
	For 316 Stainless Steel, Add	44.00	
	For Aluminum, Add	2.48	
	For Galvanized Steel, Add	8.53	
	For 304 Stainless Steel, Add	39.19	
05 12 23 00-0709	LF 3" x 3" x 3/16" Square Steel Tubing.....	26.21	6.98
	For >100 To 250, Deduct	-0.70	
	For >250 To 500, Deduct	-1.35	
	For >500 To 1,000, Deduct	-2.24	
	For >1,000, Deduct	-3.13	
	For 316 Stainless Steel, Add	54.08	
	For Aluminum, Add	3.04	
	For Galvanized Steel, Add	10.48	
	For 304 Stainless Steel, Add	48.17	
05 12 23 00-0710	LF 3-1/2" x 3-1/2" x 3/16" Square Steel Tubing.....	31.08	8.28
	For >100 To 250, Deduct	-0.83	
	For >250 To 500, Deduct	-1.61	
	For >500 To 1,000, Deduct	-2.66	
	For >1,000, Deduct	-3.71	
	For 316 Stainless Steel, Add	64.13	
	For Aluminum, Add	3.61	
	For Galvanized Steel, Add	12.42	
	For 304 Stainless Steel, Add	57.11	
05 12 23 00-0711	LF 4" x 4" x 3/16" Square Steel Tubing.....	35.92	9.57
	For >100 To 250, Deduct	-0.96	
	For >250 To 500, Deduct	-1.85	
	For >500 To 1,000, Deduct	-3.07	
	For >1,000, Deduct	-4.29	
	For 316 Stainless Steel, Add	74.14	
	For Aluminum, Add	4.17	
	For Galvanized Steel, Add	14.37	
	For 304 Stainless Steel, Add	66.03	
05 12 23 00-0712	LF 4-1/2" x 4-1/2" x 3/16" Square Steel Tubing.....	40.80	10.87
	For >100 To 250, Deduct	-1.09	
	For >250 To 500, Deduct	-2.11	
	For >500 To 1,000, Deduct	-3.49	
	For >1,000, Deduct	-4.87	
	For 316 Stainless Steel, Add	84.19	
	For Aluminum, Add	4.74	
	For Galvanized Steel, Add	16.31	
	For 304 Stainless Steel, Add	74.98	
05 12 23 00-0713	LF 5" x 5" x 3/16" Square Steel Tubing.....	45.65	12.16
	For >100 To 250, Deduct	-1.22	
	For >250 To 500, Deduct	-2.36	
	For >500 To 1,000, Deduct	-3.90	
	For >1,000, Deduct	-5.45	
	For 316 Stainless Steel, Add	94.21	
	For Aluminum, Add	5.30	
	For Galvanized Steel, Add	18.25	
	For 304 Stainless Steel, Add	83.90	
05 12 23 00-0714	LF 6" x 6" x 3/16" Square Steel Tubing.....	55.41	14.76
	For >100 To 250, Deduct	-1.48	
	For >250 To 500, Deduct	-2.86	
	For >500 To 1,000, Deduct	-4.74	
	For >1,000, Deduct	-6.62	
	For 316 Stainless Steel, Add	114.34	
	For Aluminum, Add	6.43	
	For Galvanized Steel, Add	22.15	
	For 304 Stainless Steel, Add	101.83	

05 12 23 00-0715 1/4" Wall Thickness (05 12 23 00-0682)



	Metals	05	
	Structural Metal Framing	05 10	
	Structural Steel Framing	05 12	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0716	LF	2" x 2" x 1/4" Square Steel Tubing	.....	17.60	4.39
		For >100 To 250, Deduct	.....	-0.44	
		For >250 To 500, Deduct	.....	-0.88	
		For >500 To 1,000, Deduct	.....	-1.47	
		For >1,000, Deduct	.....	-2.05	
		For 316 Stainless Steel, Add	.....	37.57	
		For Aluminum, Add	.....	2.11	
		For Galvanized Steel, Add	.....	7.28	
		For 304 Stainless Steel, Add	.....	33.46	
05 12 23 00-0717	LF	2-1/2" x 2-1/2" x 1/4" Square Steel Tubing	.....	23.14	5.77
		For >100 To 250, Deduct	.....	-0.58	
		For >250 To 500, Deduct	.....	-1.16	
		For >500 To 1,000, Deduct	.....	-1.93	
		For >1,000, Deduct	.....	-2.70	
		For 316 Stainless Steel, Add	.....	49.38	
		For Aluminum, Add	.....	2.78	
		For Galvanized Steel, Add	.....	9.57	
		For 304 Stainless Steel, Add	.....	43.98	
05 12 23 00-0718	LF	3" x 3" x 1/4" Square Steel Tubing	.....	28.66	7.16
		For >100 To 250, Deduct	.....	-0.72	
		For >250 To 500, Deduct	.....	-1.43	
		For >500 To 1,000, Deduct	.....	-2.39	
		For >1,000, Deduct	.....	-3.34	
		For 316 Stainless Steel, Add	.....	61.18	
		For Aluminum, Add	.....	3.44	
		For Galvanized Steel, Add	.....	11.85	
		For 304 Stainless Steel, Add	.....	54.49	
05 12 23 00-0719	LF	3-1/2" x 3-1/2" x 1/4" Square Steel Tubing	.....	34.19	8.54
		For >100 To 250, Deduct	.....	-0.85	
		For >250 To 500, Deduct	.....	-1.71	
		For >500 To 1,000, Deduct	.....	-2.85	
		For >1,000, Deduct	.....	-3.99	
		For 316 Stainless Steel, Add	.....	72.99	
		For Aluminum, Add	.....	4.11	
		For Galvanized Steel, Add	.....	14.14	
		For 304 Stainless Steel, Add	.....	65.01	
05 12 23 00-0720	LF	4" x 4" x 1/4" Square Steel Tubing	.....	39.73	9.92
		For >100 To 250, Deduct	.....	-0.99	
		For >250 To 500, Deduct	.....	-1.99	
		For >500 To 1,000, Deduct	.....	-3.31	
		For >1,000, Deduct	.....	-4.63	
		For 316 Stainless Steel, Add	.....	84.80	
		For Aluminum, Add	.....	4.77	
		For Galvanized Steel, Add	.....	16.43	
		For 304 Stainless Steel, Add	.....	75.53	
05 12 23 00-0721	LF	4-1/2" x 4-1/2" x 1/4" Square Steel Tubing	.....	45.26	11.30
		For >100 To 250, Deduct	.....	-1.13	
		For >250 To 500, Deduct	.....	-2.26	
		For >500 To 1,000, Deduct	.....	-3.77	
		For >1,000, Deduct	.....	-5.28	
		For 316 Stainless Steel, Add	.....	96.61	
		For Aluminum, Add	.....	5.43	
		For Galvanized Steel, Add	.....	18.72	
		For 304 Stainless Steel, Add	.....	86.04	
05 12 23 00-0722	LF	5" x 5" x 1/4" Square Steel Tubing	.....	50.83	12.69
		For >100 To 250, Deduct	.....	-1.27	
		For >250 To 500, Deduct	.....	-2.54	
		For >500 To 1,000, Deduct	.....	-4.23	
		For >1,000, Deduct	.....	-5.93	
		For 316 Stainless Steel, Add	.....	108.48	
		For Aluminum, Add	.....	6.10	
		For Galvanized Steel, Add	.....	21.02	
		For 304 Stainless Steel, Add	.....	96.62	
05 12 23 00-0723	LF	6" x 6" x 1/4" Square Steel Tubing	.....	61.89	15.45
		For >100 To 250, Deduct	.....	-1.55	
		For >250 To 500, Deduct	.....	-3.09	
		For >500 To 1,000, Deduct	.....	-5.16	
		For >1,000, Deduct	.....	-7.22	
		For 316 Stainless Steel, Add	.....	132.10	
		For Aluminum, Add	.....	7.43	
		For Galvanized Steel, Add	.....	25.59	
		For 304 Stainless Steel, Add	.....	117.65	
05 12 23 00-0724		Rectangular Steel Tubing (05 12 23 00-0681)			
05 12 23 00-0725		3/16" Wall Thickness (05 12 23 00-0724)			
05 12 23 00-0726	LF	3" x 2" x 3/16" Square Steel Tubing	.....	21.32	5.68
		For >100 To 250, Deduct	.....	-0.57	
		For >250 To 500, Deduct	.....	-1.10	
		For >500 To 1,000, Deduct	.....	-1.82	
		For >1,000, Deduct	.....	-2.55	
		For 316 Stainless Steel, Add	.....	44.00	
		For Aluminum, Add	.....	2.48	
		For Galvanized Steel, Add	.....	8.53	
		For 304 Stainless Steel, Add	.....	39.19	

05 Metals**05 10 Structural Metal Framing****05 12 Structural Steel Framing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0727	LF		4" x 2" x 3/16" Square Steel Tubing.....	26.21	6.98
			For >100 To 250, Deduct	-0.70	
			For >250 To 500, Deduct	-1.35	
			For >500 To 1,000, Deduct	-2.24	
			For >1,000, Deduct	-3.13	
			For 316 Stainless Steel, Add	54.08	
			For Aluminum, Add	3.04	
			For Galvanized Steel, Add	10.48	
			For 304 Stainless Steel, Add	48.17	
05 12 23 00-0728	LF		4" x 3" x 3/16" Square Steel Tubing.....	31.08	8.28
			For >100 To 250, Deduct	-0.83	
			For >250 To 500, Deduct	-1.61	
			For >500 To 1,000, Deduct	-2.66	
			For >1,000, Deduct	-3.71	
			For 316 Stainless Steel, Add	64.13	
			For Aluminum, Add	3.61	
			For Galvanized Steel, Add	12.42	
			For 304 Stainless Steel, Add	57.11	
05 12 23 00-0729	LF		5" x 2" x 3/16" Square Steel Tubing.....	31.08	8.28
			For >100 To 250, Deduct	-0.83	
			For >250 To 500, Deduct	-1.61	
			For >500 To 1,000, Deduct	-2.66	
			For >1,000, Deduct	-3.71	
			For 316 Stainless Steel, Add	64.13	
			For Aluminum, Add	3.61	
			For Galvanized Steel, Add	12.42	
			For 304 Stainless Steel, Add	57.11	
05 12 23 00-0730	LF		5" x 3" x 3/16" Square Steel Tubing.....	35.92	9.57
			For >100 To 250, Deduct	-0.96	
			For >250 To 500, Deduct	-1.85	
			For >500 To 1,000, Deduct	-3.07	
			For >1,000, Deduct	-4.29	
			For 316 Stainless Steel, Add	74.14	
			For Aluminum, Add	4.17	
			For Galvanized Steel, Add	14.37	
			For 304 Stainless Steel, Add	66.03	
05 12 23 00-0731	LF		5" x 4" x 3/16" Square Steel Tubing.....	40.80	10.87
			For >100 To 250, Deduct	-1.09	
			For >250 To 500, Deduct	-2.11	
			For >500 To 1,000, Deduct	-3.49	
			For >1,000, Deduct	-4.87	
			For 316 Stainless Steel, Add	84.19	
			For Aluminum, Add	4.74	
			For Galvanized Steel, Add	16.31	
			For 304 Stainless Steel, Add	74.98	
05 12 23 00-0732	LF		6" x 2" x 3/16" Square Steel Tubing.....	35.92	9.57
			For >100 To 250, Deduct	-0.96	
			For >250 To 500, Deduct	-1.85	
			For >500 To 1,000, Deduct	-3.07	
			For >1,000, Deduct	-4.29	
			For 316 Stainless Steel, Add	74.14	
			For Aluminum, Add	4.17	
			For Galvanized Steel, Add	14.37	
			For 304 Stainless Steel, Add	66.03	
05 12 23 00-0733	LF		6" x 3" x 3/16" Square Steel Tubing.....	40.80	10.87
			For >100 To 250, Deduct	-1.09	
			For >250 To 500, Deduct	-2.11	
			For >500 To 1,000, Deduct	-3.49	
			For >1,000, Deduct	-4.87	
			For 316 Stainless Steel, Add	84.19	
			For Aluminum, Add	4.74	
			For Galvanized Steel, Add	16.31	
			For 304 Stainless Steel, Add	74.98	
05 12 23 00-0734	LF		6" x 4" x 3/16" Square Steel Tubing.....	45.65	12.16
			For >100 To 250, Deduct	-1.22	
			For >250 To 500, Deduct	-2.36	
			For >500 To 1,000, Deduct	-3.90	
			For >1,000, Deduct	-5.45	
			For 316 Stainless Steel, Add	94.21	
			For Aluminum, Add	5.30	
			For Galvanized Steel, Add	18.25	
			For 304 Stainless Steel, Add	83.90	
05 12 23 00-0735			1/4" Wall Thickness (05 12 23 00-0724)		
05 12 23 00-0736	LF		3" x 2" x 1/4" Square Steel Tubing.....	23.14	5.77
			For >100 To 250, Deduct	-0.58	
			For >250 To 500, Deduct	-1.16	
			For >500 To 1,000, Deduct	-1.93	
			For >1,000, Deduct	-2.70	
			For 316 Stainless Steel, Add	49.38	
			For Aluminum, Add	2.78	
			For Galvanized Steel, Add	9.57	
			For 304 Stainless Steel, Add	43.98	



	Metals	05	
	Structural Metal Framing	05 10	
	Structural Steel Framing	05 12	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0737	LF		4" x 2" x 1/4" Square Steel Tubing.....	28.66	7.16
			For >100 To 250, Deduct	-0.72	
			For >250 To 500, Deduct	-1.43	
			For >500 To 1,000, Deduct	-2.39	
			For >1,000, Deduct	-3.34	
			For 316 Stainless Steel, Add	61.18	
			For Aluminum, Add	3.44	
			For Galvanized Steel, Add	11.85	
			For 304 Stainless Steel, Add	54.49	
05 12 23 00-0738	LF		4" x 3" x 1/4" Square Steel Tubing.....	34.19	8.54
			For >100 To 250, Deduct	-0.85	
			For >250 To 500, Deduct	-1.71	
			For >500 To 1,000, Deduct	-2.85	
			For >1,000, Deduct	-3.99	
			For 316 Stainless Steel, Add	72.99	
			For Aluminum, Add	4.11	
			For Galvanized Steel, Add	14.14	
			For 304 Stainless Steel, Add	65.01	
05 12 23 00-0739	LF		5" x 2" x 1/4" Square Steel Tubing.....	34.19	8.54
			For >100 To 250, Deduct	-0.85	
			For >250 To 500, Deduct	-1.71	
			For >500 To 1,000, Deduct	-2.85	
			For >1,000, Deduct	-3.99	
			For 316 Stainless Steel, Add	72.99	
			For Aluminum, Add	4.11	
			For Galvanized Steel, Add	14.14	
			For 304 Stainless Steel, Add	65.01	
05 12 23 00-0740	LF		5" x 3" x 1/4" Square Steel Tubing.....	39.73	9.92
			For >100 To 250, Deduct	-0.99	
			For >250 To 500, Deduct	-1.99	
			For >500 To 1,000, Deduct	-3.31	
			For >1,000, Deduct	-4.63	
			For 316 Stainless Steel, Add	84.80	
			For Aluminum, Add	4.77	
			For Galvanized Steel, Add	16.43	
			For 304 Stainless Steel, Add	75.53	
05 12 23 00-0741	LF		5" x 4" x 1/4" Square Steel Tubing.....	45.26	11.30
			For >100 To 250, Deduct	-1.13	
			For >250 To 500, Deduct	-2.26	
			For >500 To 1,000, Deduct	-3.77	
			For >1,000, Deduct	-5.28	
			For 316 Stainless Steel, Add	96.61	
			For Aluminum, Add	5.43	
			For Galvanized Steel, Add	18.72	
			For 304 Stainless Steel, Add	86.04	
05 12 23 00-0742	LF		6" x 2" x 1/4" Square Steel Tubing.....	39.73	9.92
			For >100 To 250, Deduct	-0.99	
			For >250 To 500, Deduct	-1.99	
			For >500 To 1,000, Deduct	-3.31	
			For >1,000, Deduct	-4.63	
			For 316 Stainless Steel, Add	84.80	
			For Aluminum, Add	4.77	
			For Galvanized Steel, Add	16.43	
			For 304 Stainless Steel, Add	75.53	
05 12 23 00-0743	LF		6" x 3" x 1/4" Square Steel Tubing.....	45.26	11.30
			For >100 To 250, Deduct	-1.13	
			For >250 To 500, Deduct	-2.26	
			For >500 To 1,000, Deduct	-3.77	
			For >1,000, Deduct	-5.28	
			For 316 Stainless Steel, Add	96.61	
			For Aluminum, Add	5.43	
			For Galvanized Steel, Add	18.72	
			For 304 Stainless Steel, Add	86.04	
05 12 23 00-0744	LF		6" x 4" x 1/4" Square Steel Tubing.....	50.83	12.69
			For >100 To 250, Deduct	-1.27	
			For >250 To 500, Deduct	-2.54	
			For >500 To 1,000, Deduct	-4.23	
			For >1,000, Deduct	-5.93	
			For 316 Stainless Steel, Add	108.48	
			For Aluminum, Add	6.10	
			For Galvanized Steel, Add	21.02	
			For 304 Stainless Steel, Add	96.62	
05 12 23 00-0745			Round Steel Tubing (05 12 23 00-0681)		
05 12 23 00-0746			0.065" Wall Thickness (05 12 23 00-0745)		
05 12 23 00-0747	LF		1" Diameter x 0.065" Round Steel Tubing.....	4.71	1.06
			For >100 To 250, Deduct	-0.11	
			For >250 To 500, Deduct	-0.22	
			For >500 To 1,000, Deduct	-0.38	
			For >1,000, Deduct	-0.53	
			For 316 Stainless Steel, Add	10.56	
			For Aluminum, Add	0.59	
			For Galvanized Steel, Add	2.05	
			For 304 Stainless Steel, Add	9.41	

05 Metals**05 10 Structural Metal Framing****05 12 Structural Steel Framing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0748	LF		1-1/4" Diameter x 0.065" Round Steel Tubing	5.96	1.34
			For >100 To 250, Deduct	-0.13	
			For >250 To 500, Deduct	-0.28	
			For >500 To 1,000, Deduct	-0.48	
			For >1,000, Deduct	-0.67	
			For 316 Stainless Steel, Add	13.38	
			For Aluminum, Add	0.75	
			For Galvanized Steel, Add	2.59	
			For 304 Stainless Steel, Add	11.91	
05 12 23 00-0749	LF		1-1/2" Diameter x 0.065" Round Steel Tubing	7.22	1.62
			For >100 To 250, Deduct	-0.16	
			For >250 To 500, Deduct	-0.34	
			For >500 To 1,000, Deduct	-0.58	
			For >1,000, Deduct	-0.81	
			For 316 Stainless Steel, Add	16.19	
			For Aluminum, Add	0.91	
			For Galvanized Steel, Add	3.14	
			For 304 Stainless Steel, Add	14.42	
05 12 23 00-0750	LF		2" Diameter x 0.065" Round Steel Tubing	9.74	2.19
			For >100 To 250, Deduct	-0.22	
			For >250 To 500, Deduct	-0.46	
			For >500 To 1,000, Deduct	-0.78	
			For >1,000, Deduct	-1.09	
			For 316 Stainless Steel, Add	21.86	
			For Aluminum, Add	1.23	
			For Galvanized Steel, Add	4.23	
			For 304 Stainless Steel, Add	19.47	
05 12 23 00-0751	LF		2-1/2" Diameter x 0.065" Round Steel Tubing	12.26	2.75
			For >100 To 250, Deduct	-0.28	
			For >250 To 500, Deduct	-0.58	
			For >500 To 1,000, Deduct	-0.98	
			For >1,000, Deduct	-1.38	
			For 316 Stainless Steel, Add	27.49	
			For Aluminum, Add	1.55	
			For Galvanized Steel, Add	5.33	
			For 304 Stainless Steel, Add	24.48	
05 12 23 00-0752	LF		3" Diameter x 0.065" Round Steel Tubing	14.77	3.31
			For >100 To 250, Deduct	-0.33	
			For >250 To 500, Deduct	-0.70	
			For >500 To 1,000, Deduct	-1.18	
			For >1,000, Deduct	-1.66	
			For 316 Stainless Steel, Add	33.15	
			For Aluminum, Add	1.86	
			For Galvanized Steel, Add	6.42	
			For 304 Stainless Steel, Add	29.53	
05 12 23 00-0753	LF		3-1/2" Diameter x 0.065" Round Steel Tubing	17.30	3.88
			For >100 To 250, Deduct	-0.39	
			For >250 To 500, Deduct	-0.82	
			For >500 To 1,000, Deduct	-1.38	
			For >1,000, Deduct	-1.94	
			For 316 Stainless Steel, Add	38.82	
			For Aluminum, Add	2.18	
			For Galvanized Steel, Add	7.52	
			For 304 Stainless Steel, Add	34.57	
05 12 23 00-0754	LF		4" Diameter x 0.065" Round Steel Tubing	19.81	4.44
			For >100 To 250, Deduct	-0.44	
			For >250 To 500, Deduct	-0.94	
			For >500 To 1,000, Deduct	-1.58	
			For >1,000, Deduct	-2.23	
			For 316 Stainless Steel, Add	44.45	
			For Aluminum, Add	2.50	
			For Galvanized Steel, Add	8.61	
			For 304 Stainless Steel, Add	39.59	
05 12 23 00-0755			0.083" Wall Thickness (05 12 23 00-0745)		
05 12 23 00-0756	LF		1" Diameter x 0.083" Round Steel Tubing	5.11	1.16
			For >100 To 250, Deduct	-0.12	
			For >250 To 500, Deduct	-0.24	
			For >500 To 1,000, Deduct	-0.41	
			For >1,000, Deduct	-0.58	
			For 316 Stainless Steel, Add	11.42	
			For Aluminum, Add	0.64	
			For Galvanized Steel, Add	2.21	
			For 304 Stainless Steel, Add	10.17	
05 12 23 00-0757	LF		1-1/4" Diameter x 0.083" Round Steel Tubing	6.50	1.47
			For >100 To 250, Deduct	-0.15	
			For >250 To 500, Deduct	-0.31	
			For >500 To 1,000, Deduct	-0.52	
			For >1,000, Deduct	-0.73	
			For 316 Stainless Steel, Add	14.53	
			For Aluminum, Add	0.82	
			For Galvanized Steel, Add	2.81	
			For 304 Stainless Steel, Add	12.94	



	Metals	05	05
	Structural Metal Framing	05 10	
	Structural Steel Framing	05 12	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0758	LF	1-1/2" Diameter x 0.083" Round Steel Tubing	.....	7.90	1.78
		For >100 To 250, Deduct	.....	-0.18	
		For >250 To 500, Deduct	.....	-0.38	
		For >500 To 1,000, Deduct	.....	-0.63	
		For >1,000, Deduct	.....	-0.89	
		For 316 Stainless Steel, Add	.....	17.66	
		For Aluminum, Add	.....	0.99	
		For Galvanized Steel, Add	.....	3.42	
		For 304 Stainless Steel, Add	.....	15.73	
05 12 23 00-0759	LF	2" Diameter x 0.083" Round Steel Tubing	.....	10.68	2.42
		For >100 To 250, Deduct	.....	-0.24	
		For >250 To 500, Deduct	.....	-0.51	
		For >500 To 1,000, Deduct	.....	-0.86	
		For >1,000, Deduct	.....	-1.20	
		For 316 Stainless Steel, Add	.....	23.87	
		For Aluminum, Add	.....	1.34	
		For Galvanized Steel, Add	.....	4.63	
		For 304 Stainless Steel, Add	.....	21.26	
05 12 23 00-0760	LF	2-1/2" Diameter x 0.083" Round Steel Tubing	.....	13.47	3.04
		For >100 To 250, Deduct	.....	-0.30	
		For >250 To 500, Deduct	.....	-0.64	
		For >500 To 1,000, Deduct	.....	-1.08	
		For >1,000, Deduct	.....	-1.52	
		For 316 Stainless Steel, Add	.....	30.11	
		For Aluminum, Add	.....	1.69	
		For Galvanized Steel, Add	.....	5.83	
		For 304 Stainless Steel, Add	.....	26.82	
05 12 23 00-0761	LF	3" Diameter x 0.083" Round Steel Tubing	.....	16.27	3.68
		For >100 To 250, Deduct	.....	-0.37	
		For >250 To 500, Deduct	.....	-0.78	
		For >500 To 1,000, Deduct	.....	-1.30	
		For >1,000, Deduct	.....	-1.83	
		For 316 Stainless Steel, Add	.....	36.35	
		For Aluminum, Add	.....	2.04	
		For Galvanized Steel, Add	.....	7.04	
		For 304 Stainless Steel, Add	.....	32.38	
05 12 23 00-0762	LF	3-1/2" Diameter x 0.083" Round Steel Tubing	.....	19.04	4.31
		For >100 To 250, Deduct	.....	-0.43	
		For >250 To 500, Deduct	.....	-0.91	
		For >500 To 1,000, Deduct	.....	-1.53	
		For >1,000, Deduct	.....	-2.15	
		For 316 Stainless Steel, Add	.....	42.56	
		For Aluminum, Add	.....	2.39	
		For Galvanized Steel, Add	.....	8.25	
		For 304 Stainless Steel, Add	.....	37.91	
05 12 23 00-0763	LF	4" Diameter x 0.083" Round Steel Tubing	.....	21.83	4.94
		For >100 To 250, Deduct	.....	-0.49	
		For >250 To 500, Deduct	.....	-1.04	
		For >500 To 1,000, Deduct	.....	-1.75	
		For >1,000, Deduct	.....	-2.46	
		For 316 Stainless Steel, Add	.....	48.80	
		For Aluminum, Add	.....	2.75	
		For Galvanized Steel, Add	.....	9.46	
		For 304 Stainless Steel, Add	.....	43.46	
05 12 23 00-0764		0.125" Wall Thickness (05 12 23 00-0745)			
05 12 23 00-0765	LF	2" Diameter x 0.125" Round Steel Tubing	.....	11.39	3.05
		For >100 To 250, Deduct	.....	-0.31	
		For >250 To 500, Deduct	.....	-0.59	
		For >500 To 1,000, Deduct	.....	-0.98	
		For >1,000, Deduct	.....	-1.36	
		For 316 Stainless Steel, Add	.....	23.42	
		For Aluminum, Add	.....	1.32	
		For Galvanized Steel, Add	.....	4.54	
		For 304 Stainless Steel, Add	.....	20.86	
05 12 23 00-0766	LF	2-1/2" Diameter x 0.125" Round Steel Tubing	.....	14.44	3.87
		For >100 To 250, Deduct	.....	-0.39	
		For >250 To 500, Deduct	.....	-0.75	
		For >500 To 1,000, Deduct	.....	-1.24	
		For >1,000, Deduct	.....	-1.73	
		For 316 Stainless Steel, Add	.....	29.70	
		For Aluminum, Add	.....	1.67	
		For Galvanized Steel, Add	.....	5.75	
		For 304 Stainless Steel, Add	.....	26.45	
05 12 23 00-0767	LF	3" Diameter x 0.125" Round Steel Tubing	.....	17.47	4.67
		For >100 To 250, Deduct	.....	-0.47	
		For >250 To 500, Deduct	.....	-0.90	
		For >500 To 1,000, Deduct	.....	-1.50	
		For >1,000, Deduct	.....	-2.09	
		For 316 Stainless Steel, Add	.....	35.94	
		For Aluminum, Add	.....	2.02	
		For Galvanized Steel, Add	.....	6.96	
		For 304 Stainless Steel, Add	.....	32.01	

05 Metals**05 10 Structural Metal Framing****05 12 Structural Steel Framing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0768	LF		3-1/2" Diameter x 0.125" Round Steel Tubing	20.50	5.49
			For >100 To 250, Deduct	-0.55	
			For >250 To 500, Deduct	-1.06	
			For >500 To 1,000, Deduct	-1.76	
			For >1,000, Deduct	-2.45	
			For 316 Stainless Steel, Add	42.18	
			For Aluminum, Add	2.37	
			For Galvanized Steel, Add	8.17	
			For 304 Stainless Steel, Add	37.56	
05 12 23 00-0769	LF		4" Diameter x 0.125" Round Steel Tubing	23.54	6.31
			For >100 To 250, Deduct	-0.63	
			For >250 To 500, Deduct	-1.22	
			For >500 To 1,000, Deduct	-2.02	
			For >1,000, Deduct	-2.82	
			For 316 Stainless Steel, Add	48.45	
			For Aluminum, Add	2.73	
			For Galvanized Steel, Add	9.39	
			For 304 Stainless Steel, Add	43.15	
05 12 23 00-0770			Flat Steel Bar (05 12 23 00-0422)		
05 12 23 00-0771			1/8" Thick (05 12 23 00-0770)		
05 12 23 00-0772	LF		1/8" Thick x 1" Wide Flat Steel Bar	3.37	1.52
			For 316 Stainless Steel, Add	3.49	
			For Aluminum, Add	0.20	
			For Galvanized Steel, Add	0.68	
			For 304 Stainless Steel, Add	3.11	
05 12 23 00-0773	LF		1/8" Thick x 2" Wide Flat Steel Bar	5.23	2.28
			For 316 Stainless Steel, Add	5.79	
			For Aluminum, Add	0.33	
			For Galvanized Steel, Add	1.12	
			For 304 Stainless Steel, Add	5.16	
05 12 23 00-0774	LF		1/8" Thick x 4" Wide Flat Steel Bar	8.11	3.20
			For 316 Stainless Steel, Add	10.53	
			For Aluminum, Add	0.59	
			For Galvanized Steel, Add	2.04	
			For 304 Stainless Steel, Add	9.38	
05 12 23 00-0775	LF		1/8" Thick x 6" Wide Flat Steel Bar	10.98	4.35
			For 316 Stainless Steel, Add	14.24	
			For Aluminum, Add	0.80	
			For Galvanized Steel, Add	2.76	
			For 304 Stainless Steel, Add	12.68	
05 12 23 00-0776			3/16" Thick (05 12 23 00-0770)		
05 12 23 00-0777	LF		3/16" Thick x 1" Wide Flat Steel Bar	4.49	1.88
			For 316 Stainless Steel, Add	5.31	
			For Aluminum, Add	0.30	
			For Galvanized Steel, Add	1.03	
			For 304 Stainless Steel, Add	4.73	
05 12 23 00-0778	LF		3/16" Thick x 2" Wide Flat Steel Bar	7.11	2.83
			For 316 Stainless Steel, Add	9.15	
			For Aluminum, Add	0.51	
			For Galvanized Steel, Add	1.77	
			For 304 Stainless Steel, Add	8.15	
05 12 23 00-0779	LF		3/16" Thick x 4" Wide Flat Steel Bar	9.71	3.25
			For 316 Stainless Steel, Add	15.46	
			For Aluminum, Add	0.87	
			For Galvanized Steel, Add	2.99	
			For 304 Stainless Steel, Add	13.77	
05 12 23 00-0780	LF		3/16" Thick x 6" Wide Flat Steel Bar	13.43	4.50
			For 316 Stainless Steel, Add	21.34	
			For Aluminum, Add	1.20	
			For Galvanized Steel, Add	4.14	
			For 304 Stainless Steel, Add	19.01	
05 12 23 00-0781			1/4" Thick (05 12 23 00-0770)		
05 12 23 00-0782	LF		1/4" Thick x 1" Wide Flat Steel Bar	4.63	1.99
			For 316 Stainless Steel, Add	5.25	
			For Aluminum, Add	0.30	
			For Galvanized Steel, Add	1.02	
			For 304 Stainless Steel, Add	4.67	
05 12 23 00-0783	LF		1/4" Thick x 2" Wide Flat Steel Bar	7.79	2.99
			For 316 Stainless Steel, Add	10.59	
			For Aluminum, Add	0.60	
			For Galvanized Steel, Add	2.05	
			For 304 Stainless Steel, Add	9.43	
05 12 23 00-0784	LF		1/4" Thick x 4" Wide Flat Steel Bar	11.54	3.42
			For 316 Stainless Steel, Add	20.51	
			For Aluminum, Add	1.15	
			For Galvanized Steel, Add	3.97	
			For 304 Stainless Steel, Add	18.27	



		Metals	05	
		Structural Metal Framing	05 10	
		Structural Steel Framing	05 12	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0785	LF	1/4" Thick x 6" Wide Flat Steel Bar	.....	16.68	5.05
		For 316 Stainless Steel, Add	.....	29.09	
		For Aluminum, Add	.....	7.64	
		For Galvanized Steel, Add	.....	5.64	
		For 304 Stainless Steel, Add	.....	25.91	
05 12 23 00-0786		3/8" Thick (05 12 23 00-0770)			
05 12 23 00-0787	LF	3/8" Thick x 1" Wide Flat Steel Bar	.....	5.93	2.25
		For 316 Stainless Steel, Add	.....	8.22	
		For Aluminum, Add	.....	0.46	
		For Galvanized Steel, Add	.....	1.59	
		For 304 Stainless Steel, Add	.....	7.32	
05 12 23 00-0788	LF	3/8" Thick x 2" Wide Flat Steel Bar	.....	9.79	3.35
		For 316 Stainless Steel, Add	.....	15.17	
		For Aluminum, Add	.....	0.85	
		For Galvanized Steel, Add	.....	2.94	
		For 304 Stainless Steel, Add	.....	13.51	
05 12 23 00-0789	LF	3/8" Thick x 4" Wide Flat Steel Bar	.....	15.24	3.84
		For 316 Stainless Steel, Add	.....	30.34	
		For Aluminum, Add	.....	1.71	
		For Galvanized Steel, Add	.....	5.88	
		For 304 Stainless Steel, Add	.....	27.02	
05 12 23 00-0790	LF	3/8" Thick x 6" Wide Flat Steel Bar	.....	21.87	5.68
		For 316 Stainless Steel, Add	.....	42.69	
		For Aluminum, Add	.....	2.40	
		For Galvanized Steel, Add	.....	8.27	
		For 304 Stainless Steel, Add	.....	38.02	
05 12 23 00-0791		1/2" Thick (05 12 23 00-0770)			
05 12 23 00-0792	LF	1/2" Thick x 1" Wide Flat Steel Bar	.....	7.00	2.46
		For 316 Stainless Steel, Add	.....	10.53	
		For Aluminum, Add	.....	0.59	
		For Galvanized Steel, Add	.....	2.04	
		For 304 Stainless Steel, Add	.....	9.38	
05 12 23 00-0793	LF	1/2" Thick x 2" Wide Flat Steel Bar	.....	11.61	3.71
		For 316 Stainless Steel, Add	.....	19.36	
		For Aluminum, Add	.....	1.09	
		For Galvanized Steel, Add	.....	3.75	
		For 304 Stainless Steel, Add	.....	17.24	
05 12 23 00-0794	LF	1/2" Thick x 4" Wide Flat Steel Bar	.....	16.65	4.21
		For 316 Stainless Steel, Add	.....	32.99	
		For Aluminum, Add	.....	1.66	
		For Galvanized Steel, Add	.....	6.39	
		For 304 Stainless Steel, Add	.....	29.38	
05 12 23 00-0795	LF	1/2" Thick x 6" Wide Flat Steel Bar	.....	29.95	6.26
		For 316 Stainless Steel, Add	.....	65.82	
		For Aluminum, Add	.....	3.70	
		For Galvanized Steel, Add	.....	12.75	
		For 304 Stainless Steel, Add	.....	58.62	
05 12 23 00-0796		Flat Steel Plate (05 12 23 00-0422)			
05 12 23 00-0797	SF	1/8" Thick Flat Steel Plate	.....	17.56	6.53
		For 316 Stainless Steel, Add	.....	24.83	
		For Aluminum, Add	.....	1.40	
		For Galvanized Steel, Add	.....	4.81	
		For 304 Stainless Steel, Add	.....	22.12	
05 12 23 00-0798	SF	3/16" Thick Flat Steel Plate	.....	19.87	6.76
		For 316 Stainless Steel, Add	.....	31.07	
		For Aluminum, Add	.....	1.75	
		For Galvanized Steel, Add	.....	6.02	
		For 304 Stainless Steel, Add	.....	27.67	
05 12 23 00-0799	SF	1/4" Thick Flat Steel Plate	.....	23.75	7.58
		For 316 Stainless Steel, Add	.....	39.62	
		For Aluminum, Add	.....	2.23	
		For Galvanized Steel, Add	.....	7.68	
		For 304 Stainless Steel, Add	.....	35.28	
05 12 23 00-0800	SF	3/8" Thick Flat Steel Plate	.....	32.22	8.52
		For 316 Stainless Steel, Add	.....	62.18	
		For Aluminum, Add	.....	3.50	
		For Galvanized Steel, Add	.....	12.05	
		For 304 Stainless Steel, Add	.....	55.38	
05 12 23 00-0801	SF	1/2" Thick Flat Steel Plate	.....	38.28	9.37
		For 316 Stainless Steel, Add	.....	77.47	
		For Aluminum, Add	.....	4.36	
		For Galvanized Steel, Add	.....	15.01	
		For 304 Stainless Steel, Add	.....	69.00	
05 12 23 00-0802	SF	3/4" Thick Flat Steel Plate	.....	62.99	11.62
		For 316 Stainless Steel, Add	.....	145.28	
		For Aluminum, Add	.....	8.17	
		For Galvanized Steel, Add	.....	28.15	
		For 304 Stainless Steel, Add	.....	129.39	

05 Metals**05 10 Structural Metal Framing****05 12 Structural Steel Framing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0803	SF		1" Thick Flat Steel Plate..... For 316 Stainless Steel, Add For Aluminum, Add For Galvanized Steel, Add For 304 Stainless Steel, Add	84.15 198.91 11.19 38.54 177.16	14.52
05 12 23 00-0804			Metal Runner/Track (05 12 23 00-0422)		
05 12 23 00-0805	LF		4" Wide x 1-1/4" Leg, 18 Gauge, Slotted Metal Runner For >100 To 250, Deduct For >250 To 500, Deduct For >500 To 1,000, Deduct For >1,000, Deduct	7.79 -0.37 -0.56 -0.88 -1.19	3.63
05 12 23 00-0806	LF		6" Wide x 1-1/4" Leg, 18 Gauge, Slotted Metal Runner For >100 To 250, Deduct For >250 To 500, Deduct For >500 To 1,000, Deduct For >1,000, Deduct	9.33 -0.41 -0.64 -1.01 -1.38	4.06
05 12 23 00-0807	LF		8" Wide x 1-1/4" Leg, 18 Gauge, Slotted Metal Runner For >100 To 250, Deduct For >250 To 500, Deduct For >500 To 1,000, Deduct For >1,000, Deduct	11.15 -0.47 -0.75 -1.18 -1.62	4.67
05 12 23 00-0808	LF		10" Wide x 1-1/4" Leg, 18 Gauge, Slotted Metal Runner For >100 To 250, Deduct For >250 To 500, Deduct For >500 To 1,000, Deduct For >1,000, Deduct	12.93 -0.51 -0.83 -1.32 -1.82	5.08
05 12 23 00-0809	LF		4" Wide x 1-1/4" Leg, 16 Gauge, Slotted Metal Runner For >100 To 250, Deduct For >250 To 500, Deduct For >500 To 1,000, Deduct For >1,000, Deduct	8.42 -0.37 -0.58 -0.91 -1.24	3.63
05 12 23 00-0810	LF		6" Wide x 1-1/4" Leg, 16 Gauge, Slotted Metal Runner For >100 To 250, Deduct For >250 To 500, Deduct For >500 To 1,000, Deduct For >1,000, Deduct	10.24 -0.41 -0.66 -1.05 -1.45	4.06
05 12 23 00-0811	LF		8" Wide x 1-1/4" Leg, 16 Gauge, Slotted Metal Runner For >100 To 250, Deduct For >250 To 500, Deduct For >500 To 1,000, Deduct For >1,000, Deduct	12.05 -0.47 -0.77 -1.23 -1.68	4.67
05 12 23 00-0812	LF		10" Wide x 1-1/4" Leg, 16 Gauge, Slotted Metal Runner For >100 To 250, Deduct For >250 To 500, Deduct For >500 To 1,000, Deduct For >1,000, Deduct	14.05 -0.51 -0.86 -1.38 -1.90	5.08
05 12 23 00-0813	LF		4" Wide x 1-1/4" Leg, 14 Gauge, Slotted Metal Runner For >100 To 250, Deduct For >250 To 500, Deduct For >500 To 1,000, Deduct For >1,000, Deduct	9.41 -0.40 -0.64 -1.01 -1.38	4.02
05 12 23 00-0814	LF		6" Wide x 1-1/4" Leg, 14 Gauge, Slotted Metal Runner For >100 To 250, Deduct For >250 To 500, Deduct For >500 To 1,000, Deduct For >1,000, Deduct	11.46 -0.45 -0.73 -1.17 -1.60	4.47
05 12 23 00-0815	LF		8" Wide x 1-1/4" Leg, 14 Gauge, Slotted Metal Runner For >100 To 250, Deduct For >250 To 500, Deduct For >500 To 1,000, Deduct For >1,000, Deduct	13.10 -0.51 -0.84 -1.34 -1.84	5.14
05 12 23 00-0816	LF		10" Wide x 1-1/4" Leg, 14 Gauge, Slotted Metal Runner For >100 To 250, Deduct For >250 To 500, Deduct For >500 To 1,000, Deduct For >1,000, Deduct	15.27 -0.56 -0.94 -1.51 -2.08	5.58

05 13 Structural Stainless-Steel Framing (05 10)**05 13 00 00-0001** Stainless Steel Tube (05 13)

05 13 00 00-0002	LF		1" x 1" Stainless Steel Tube.....	36.54	
05 13 00 00-0003	LF		1-1/2" x 1-1/2" Stainless Steel Tube	47.43	
05 13 00 00-0004	LF		2" x 2" Stainless Steel Tube.....	64.85	

05 14 Structural Aluminum Framing (05 10)**05 14 13 Architecturally-Exposed Structural Aluminum Framing** (05 14)**05 14 13 00-0001** Rolled Or Plate Shapes (05 14 13)

Note: 1" through 10" member.

05 14 13 00-0002	LB		Structural Aluminum, Up To 2,000 LB / Order 1" To 10" Rolled / Plate Structural Members	9.09	0.89



		Metals	05	05
		Structural Metal Framing	05 10	
		Structural Aluminum Framing	05 14	

MINOR			TOTAL	DIRECT	DEMOLITION
CSI UOM DESCRIPTION			UNIT COST	UNIT COST	UNIT COST
05 14 13 00-0003	LB	Structural Aluminum, >2,000 - 9,999 LB / Order 1" To 10" Rolled / Plate Structural Members.....	8.01		0.82
05 14 13 00-0004		Aluminum Extrusions (05 14 13)			
05 14 13 00-0005	LB	Aluminum Extrusions, Stock Shapes 1" To 10" Rolled / Plate Structural Members.....	14.89		3.67
05 14 13 00-0006	LB	Aluminum Extrusions, Custom Shapes 1" To 10" Rolled / Plate Structural Members.....	15.76		3.67
05 14 13 00-0007		Aluminum Tubing (05 14 13)			
05 14 13 00-0008	LB	Aluminum Extrusions, Tubular Shapes 1" To 10" Rolled / Plate Structural Members.....	13.25		2.23
05 14 13 00-0009	LF	1" x 1" Aluminum Tubing, 1/8" Wall Thickness.....	11.87		3.61
05 14 13 00-0010	LF	1-1/4" x 1-1/4" Aluminum Tubing, 1/8" Wall Thickness.....	14.35		3.94
05 14 13 00-0011	LF	1-1/2" x 1-1/2" Aluminum Tubing, 1/8" Wall Thickness.....	16.48		4.59
05 14 13 00-0012	LF	2" x 2" Aluminum Tubing, 1/8" Wall Thickness.....	19.60		4.94
05 14 13 00-0013	LF	4" x 4" Aluminum Tubing, 1/4" Wall Thickness.....	57.35		6.25
05 14 13 00-0014	LF	2" x 5" Aluminum Tubing, 1/4" Wall Thickness.....	46.96		5.59
05 14 13 00-0015		Columns (05 14 13)			
		Note: Baked on paint finish, load bearing.			
05 14 13 00-0016		Round Columns (05 14 13 00-0015)			
05 14 13 00-0017	LF	6" Diameter Aluminum Column.....	52.74		7.04
05 14 13 00-0018	LF	8" Diameter Aluminum Column.....	70.13		10.10
05 14 13 00-0019	LF	10" Diameter Aluminum Column.....	85.72		11.36
05 14 13 00-0020	LF	12" Diameter Aluminum Column.....	129.43		11.89
05 14 13 00-0021	LF	15" Diameter Aluminum Column.....	165.42		13.78
05 14 13 00-0022	EA	6" Diameter Aluminum Base And Cap.....	102.63		13.15
05 14 13 00-0023	EA	8" Diameter Aluminum Base And Cap.....	117.61		14.20
05 14 13 00-0024	EA	10" Diameter Aluminum Base And Cap.....	148.82		15.78
05 14 13 00-0025	EA	12" Diameter Aluminum Base And Cap.....	258.98		16.83
05 14 13 00-0026	EA	15" Diameter Aluminum Base And Cap.....	397.79		18.41
05 14 13 00-0027		Octagonal Columns (05 14 13 00-0015)			
05 14 13 00-0028	LF	6" Diameter Aluminum Column.....	58.95		7.04
05 14 13 00-0029	LF	8" Diameter Aluminum Column.....	80.11		10.10
05 14 13 00-0030	LF	10" Diameter Aluminum Column.....	98.32		11.36
05 14 13 00-0031	LF	12" Diameter Aluminum Column.....	150.58		11.89
05 14 13 00-0032	LF	15" Diameter Aluminum Column.....	193.01		13.78
05 14 13 00-0033	EA	6" Diameter Aluminum Base And Cap.....	117.90		13.15
05 14 13 00-0034	EA	8" Diameter Aluminum Base And Cap.....	135.45		14.20
05 14 13 00-0035	EA	10" Diameter Aluminum Base And Cap.....	172.27		15.78
05 14 13 00-0036	EA	12" Diameter Aluminum Base And Cap.....	304.04		16.83
05 14 13 00-0037	EA	15" Diameter Aluminum Base And Cap.....	469.98		18.41
05 14 13 00-0038		Fluted Columns (05 14 13 00-0015)			
05 14 13 00-0039	LF	6" Diameter Aluminum Column.....	65.70		7.04
05 14 13 00-0040	LF	8" Diameter Aluminum Column.....	89.09		10.10
05 14 13 00-0041	LF	10" Diameter Aluminum Column.....	109.66		11.36
05 14 13 00-0042	LF	12" Diameter Aluminum Column.....	169.62		11.89
05 14 13 00-0043	LF	15" Diameter Aluminum Column.....	217.84		13.78
05 14 13 00-0044	EA	6" Diameter Aluminum Base And Cap.....	131.64		13.15
05 14 13 00-0045	EA	8" Diameter Aluminum Base And Cap.....	151.51		14.20
05 14 13 00-0046	EA	10" Diameter Aluminum Base And Cap.....	193.38		15.78
05 14 13 00-0047	EA	12" Diameter Aluminum Base And Cap.....	344.60		16.83
05 14 13 00-0048	EA	15" Diameter Aluminum Base And Cap.....	534.96		18.41
05 14 13 00-0049		Square Columns (05 14 13 00-0015)			
05 14 13 00-0050	LF	6" Aluminum Column.....	70.31		7.04
05 14 13 00-0051	LF	8" Aluminum Column.....	95.23		10.10
05 14 13 00-0052	LF	10" Aluminum Column.....	117.41		11.36
05 14 13 00-0053	LF	12" Aluminum Column.....	182.64		11.89
05 14 13 00-0054	LF	15" Aluminum Column.....	234.82		13.78
05 14 13 00-0055	EA	6" Aluminum Base And Cap.....	141.04		13.15
05 14 13 00-0056	EA	8" Aluminum Base And Cap.....	162.49		14.20
05 14 13 00-0057	EA	10" Aluminum Base And Cap.....	207.81		15.78
05 14 13 00-0058	EA	12" Aluminum Base And Cap.....	372.33		16.83
05 14 13 00-0059	EA	15" Aluminum Base And Cap.....	579.39		18.41
05 14 13 00-0060		Ornamental Or Decorative Cap And Bases (05 14 13 00-0015)			
05 14 13 00-0061	EA	8" Corinthian Capital And Base.....	808.68		15.78
05 14 13 00-0062	EA	10" Corinthian Capital And Base.....	1,190.87		18.41
05 14 13 00-0063	EA	12" Corinthian Capital And Base.....	1,885.24		21.04
05 14 13 00-0064	EA	8" Scamozzi Capital And Base.....	400.19		15.78
05 14 13 00-0065	EA	10" Scamozzi Capital And Base.....	536.63		18.41
05 14 13 00-0066	EA	12" Scamozzi Capital And Base.....	1,082.22		21.04

05 Metals**05 10 Structural Metal Framing****05 14 Structural Aluminum Framing**MINOR
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION
UNIT COST UNIT COST**05 15 Wire Rope Assemblies** (05 15)**05 15 16 Steel Wire Rope Assemblies** (05 15)**05 15 16 00-0001 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope** (05 15 16)

05 15 16 00-0002	LF	1/4" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	1.59	0.11
		For >500, Deduct	-0.28	
05 15 16 00-0003	LF	5/16" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	2.14	0.11
		For >500, Deduct	-0.37	
05 15 16 00-0004	LF	3/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	2.53	0.22
		For >500, Deduct	-0.42	
05 15 16 00-0005	LF	7/16" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	3.05	0.22
		For >500, Deduct	-0.50	
05 15 16 00-0006	LF	1/2" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	3.53	0.32
		For >500, Deduct	-0.56	
05 15 16 00-0007	LF	9/16" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	4.33	0.43
		For >500, Deduct	-0.67	
05 15 16 00-0008	LF	5/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	5.16	0.43
		For >500, Deduct	-0.80	
05 15 16 00-0009	LF	3/4" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	7.16	0.76
		For >500, Deduct	-1.09	
05 15 16 00-0010	LF	7/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	9.63	0.87
		For >500, Deduct	-1.46	
05 15 16 00-0011	LF	1" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	11.98	1.19
		For >500, Deduct	-1.78	
05 15 16 00-0012	LF	1-1/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	14.82	1.52
		For >500, Deduct	-2.20	
05 15 16 00-0013	LF	1-1/4" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	18.06	1.84
		For >500, Deduct	-2.68	

05 15 16 00-0014 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope (05 15 16)

05 15 16 00-0015	LF	1/4" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	1.87	0.11
		For >500, Deduct	-0.34	
05 15 16 00-0016	LF	5/16" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	2.42	0.11
		For >500, Deduct	-0.43	
05 15 16 00-0017	LF	3/8" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	3.00	0.22
		For >500, Deduct	-0.52	
05 15 16 00-0018	LF	7/16" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	3.40	0.22
		For >500, Deduct	-0.57	
05 15 16 00-0019	LF	1/2" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	4.05	0.32
		For >500, Deduct	-0.66	
05 15 16 00-0020	LF	9/16" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	4.67	0.43
		For >500, Deduct	-0.74	
05 15 16 00-0021	LF	5/8" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	5.44	0.43
		For >500, Deduct	-0.85	
05 15 16 00-0022	LF	3/4" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	8.00	0.76
		For >500, Deduct	-1.26	
05 15 16 00-0023	LF	7/8" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	10.24	0.87
		For >500, Deduct	-1.58	
05 15 16 00-0024	LF	1" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	12.59	1.19
		For >500, Deduct	-1.92	
05 15 16 00-0025	LF	1-1/8" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	16.13	1.52
		For >500, Deduct	-2.45	
05 15 16 00-0026	LF	1-1/4" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	19.62	1.84
		For >500, Deduct	-2.99	



	Metals	05	
	Structural Metal Framing	05 10	05
	Wire Rope Assemblies	05 15	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 15 16 00-0027		6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope <i>(05 15 16)</i>		
05 15 16 00-0028	LF	1/4" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope.....	1.48	0.11
		For >500, Deduct.....	-0.26	
05 15 16 00-0029	LF	5/16" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope.....	2.01	0.11
		For >500, Deduct.....	-0.34	
05 15 16 00-0030	LF	3/8" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope.....	2.38	0.22
		For >500, Deduct.....	-0.39	
05 15 16 00-0031	LF	7/16" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope.....	2.79	0.22
		For >500, Deduct.....	-0.44	
05 15 16 00-0032	LF	1/2" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope.....	3.36	0.32
		For >500, Deduct.....	-0.52	
05 15 16 00-0033	LF	9/16" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope.....	4.26	0.43
		For >500, Deduct.....	-0.66	
05 15 16 00-0034	LF	5/8" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope.....	4.96	0.43
		For >500, Deduct.....	-0.76	
05 15 16 00-0035	LF	3/4" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope.....	6.97	0.76
		For >500, Deduct.....	-1.05	
05 15 16 00-0036	LF	7/8" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope.....	8.53	0.87
		For >500, Deduct.....	-1.24	
05 15 16 00-0037	LF	1" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope.....	10.83	1.19
		For >500, Deduct.....	-1.55	
05 15 16 00-0038		6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope <i>(05 15 16)</i>		
05 15 16 00-0039	LF	1/4" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	1.46	0.11
		For >500, Deduct.....	-0.25	
05 15 16 00-0040	LF	5/16" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	1.94	0.11
		For >500, Deduct.....	-0.33	
05 15 16 00-0041	LF	3/8" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	2.38	0.22
		For >500, Deduct.....	-0.39	
05 15 16 00-0042	LF	7/16" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	2.79	0.22
		For >500, Deduct.....	-0.44	
05 15 16 00-0043	LF	1/2" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	3.51	0.32
		For >500, Deduct.....	-0.55	
05 15 16 00-0044	LF	9/16" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	4.18	0.43
		For >500, Deduct.....	-0.64	
05 15 16 00-0045	LF	5/8" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	5.24	0.43
		For >500, Deduct.....	-0.81	
05 15 16 00-0046	LF	3/4" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	7.31	0.76
		For >500, Deduct.....	-1.12	
05 15 16 00-0047	LF	7/8" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	9.55	0.87
		For >500, Deduct.....	-1.45	
05 15 16 00-0048	LF	1" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	11.77	1.19
		For >500, Deduct.....	-1.75	
05 15 16 00-0049		6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope <i>(05 15 16)</i>		
05 15 16 00-0050	LF	3/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope.....	2.70	0.22
		For >500, Deduct.....	-0.46	
05 15 16 00-0051	LF	7/16" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope.....	3.16	0.22
		For >500, Deduct.....	-0.52	
05 15 16 00-0052	LF	1/2" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope.....	3.70	0.32
		For >500, Deduct.....	-0.59	
05 15 16 00-0053	LF	9/16" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope.....	4.99	0.43
		For >500, Deduct.....	-0.81	
05 15 16 00-0054	LF	5/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope.....	5.48	0.43
		For >500, Deduct.....	-0.86	
05 15 16 00-0055	LF	3/4" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope.....	7.47	0.76
		For >500, Deduct.....	-1.15	
05 15 16 00-0056	LF	7/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope.....	9.59	0.87
		For >500, Deduct.....	-1.45	
05 15 16 00-0057	LF	1" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope.....	12.64	1.19
		For >500, Deduct.....	-1.91	
05 15 16 00-0058	LF	1-1/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope.....	15.30	1.52
		For >500, Deduct.....	-2.30	
05 15 16 00-0059	LF	1-1/4" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope.....	18.47	1.84
		For >500, Deduct.....	-2.76	

05 Metals**05 10 Structural Metal Framing****05 15 Wire Rope Assemblies**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

05 15 16 00-0060	6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope ^(05 15 16)			
05 15 16 00-0061	LF	3/8" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	2.78	0.22
		For >500, Deduct	-0.47	
05 15 16 00-0062	LF	7/16" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	3.35	0.22
		For >500, Deduct	-0.56	
05 15 16 00-0063	LF	1/2" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	3.96	0.32
		For >500, Deduct	-0.64	
05 15 16 00-0064	LF	9/16" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	5.54	0.43
		For >500, Deduct	-0.92	
05 15 16 00-0065	LF	5/8" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	5.57	0.43
		For >500, Deduct	-0.88	
05 15 16 00-0066	LF	3/4" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	7.66	0.76
		For >500, Deduct	-1.19	
05 15 16 00-0067	LF	7/8" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	10.15	0.87
		For >500, Deduct	-1.57	
05 15 16 00-0068	LF	1" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	12.82	1.19
		For >500, Deduct	-1.95	
05 15 16 00-0069	19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope ^(05 15 16)			
05 15 16 00-0070	LF	1/4" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope	2.88	0.11
		For >500, Deduct	-0.54	
05 15 16 00-0071	LF	5/16" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope	3.10	0.11
		For >500, Deduct	-0.56	
05 15 16 00-0072	LF	3/8" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope	3.65	0.22
		For >500, Deduct	-0.65	
05 15 16 00-0073	LF	7/16" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope	4.89	0.22
		For >500, Deduct	-0.86	
05 15 16 00-0074	LF	1/2" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope	5.58	0.22
		For >500, Deduct	-1.00	
05 15 16 00-0075	LF	9/16" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope	6.44	0.43
		For >500, Deduct	-1.10	
05 15 16 00-0076	LF	5/8" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope	7.66	0.43
		For >500, Deduct	-1.30	
05 15 16 00-0077	LF	3/4" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope	10.53	0.65
		For >500, Deduct	-1.77	
05 15 16 00-0078	7x7, Galvanized Finish, Aircraft Cable ^(05 15 16)			
05 15 16 00-0079	LF	1/16" Diameter, 7x7, Galvanized Finish, Aircraft Cable	0.32	0.08
		For >500, Deduct	-0.04	
05 15 16 00-0080	LF	3/32" Diameter, 7x7, Galvanized Finish, Aircraft Cable	0.37	0.09
		For >500, Deduct	-0.05	
05 15 16 00-0081	LF	1/8" Diameter, 7x7, Galvanized Finish, Aircraft Cable	0.41	0.10
		For >500, Deduct	-0.05	
05 15 16 00-0082	LF	5/32" Diameter, 7x7, Galvanized Finish, Aircraft Cable	0.47	0.11
		For >500, Deduct	-0.06	
05 15 16 00-0083	LF	3/16" Diameter, 7x7, Galvanized Finish, Aircraft Cable	0.59	0.11
		For >500, Deduct	-0.08	
05 15 16 00-0084	7x19, Galvanized Finish, Aircraft Cable ^(05 15 16)			
05 15 16 00-0085	LF	1/8" Diameter, 7x19, Galvanized Finish, Aircraft Cable	0.58	0.10
		For >500, Deduct	-0.08	
05 15 16 00-0086	LF	5/32" Diameter, 7x19, Galvanized Finish, Aircraft Cable	0.62	0.11
		For >500, Deduct	-0.09	
05 15 16 00-0087	LF	3/16" Diameter, 7x19, Galvanized Finish, Aircraft Cable	0.72	0.11
		For >500, Deduct	-0.10	
05 15 16 00-0088	LF	1/4" Diameter, 7x19, Galvanized Finish, Aircraft Cable	0.85	0.11
		For >500, Deduct	-0.13	
05 15 16 00-0089	LF	5/16" Diameter, 7x19, Galvanized Finish, Aircraft Cable	1.28	0.11
		For >500, Deduct	-0.20	



		Metals	05	05
		Structural Metal Framing	05 10	
		Wire Rope Assemblies	05 15	

MINOR		TOTAL DIRECT		DEMOLITION
CSI UOM DESCRIPTION		UNIT COST		UNIT COST
05 15 16 00-0090	LF 3/8" Diameter, 7x19, Galvanized Finish, Aircraft Cable For >500, Deduct	1.71	0.11	
		-0.26		
05 15 16 00-0091	Heavy Duty, Galvanized Steel, Wire Rope Thimbles (05 15 16)			
05 15 16 00-0092	EA 1/4" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble	13.81	3.25	
05 15 16 00-0093	EA 5/16" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble	15.65	3.25	
05 15 16 00-0094	EA 3/8" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble	17.69	3.25	
05 15 16 00-0095	EA 7/16" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble	23.30	3.25	
05 15 16 00-0096	EA 1/2" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble	23.33	3.25	
05 15 16 00-0097	EA 9/16" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble	23.33	3.25	
05 15 16 00-0098	EA 5/8" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble	25.22	3.25	
05 15 16 00-0099	EA 3/4" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble	46.07	4.99	
05 15 16 00-0100	EA 7/8" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble	54.37	6.06	
05 15 16 00-0101	EA 1" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble	96.76	9.96	
05 15 16 00-0102	EA 1-1/8" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble	138.86	13.54	
05 15 16 00-0103	EA 1-1/4" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble	138.86	13.54	
05 15 16 00-0104	Galvanized Steel, Wire Rope Clips (05 15 16)			
05 15 16 00-0105	EA 1/8" Diameter, Galvanized Steel, Wire Rope Clip	16.40	3.25	
05 15 16 00-0106	EA 3/16" Diameter, Galvanized Steel, Wire Rope Clip	16.75	3.25	
05 15 16 00-0107	EA 1/4" Diameter, Galvanized Steel, Wire Rope Clip	19.11	3.25	
05 15 16 00-0108	EA 5/16" Diameter, Galvanized Steel, Wire Rope Clip	19.48	3.25	
05 15 16 00-0109	EA 3/8" Diameter, Galvanized Steel, Wire Rope Clip	20.01	3.25	
05 15 16 00-0110	EA 7/16" Diameter, Galvanized Steel, Wire Rope Clip	25.08	3.25	
05 15 16 00-0111	EA 1/2" Diameter, Galvanized Steel, Wire Rope Clip	25.47	3.25	
05 15 16 00-0112	EA 9/16" Diameter, Galvanized Steel, Wire Rope Clip	29.14	3.25	
05 15 16 00-0113	EA 5/8" Diameter, Galvanized Steel, Wire Rope Clip	29.67	3.25	
05 15 16 00-0114	EA 3/4" Diameter, Galvanized Steel, Wire Rope Clip	40.69	4.33	
05 15 16 00-0115	EA 7/8" Diameter, Galvanized Steel, Wire Rope Clip	60.89	6.50	
05 15 16 00-0116	EA 1" Diameter, Galvanized Steel, Wire Rope Clip	66.92	6.50	
05 15 16 00-0117	EA 1-1/8" Diameter, Galvanized Steel, Wire Rope Clip	78.68	8.66	
05 15 16 00-0118	EA 1-1/4" Diameter, Galvanized Steel, Wire Rope Clip	114.28	13.01	
05 15 16 00-0119	Steel, Open Swage Sockets (05 15 16)			
05 15 16 00-0120	EA 1/4" Diameter, Steel, Open Swage Socket	91.94	3.25	
05 15 16 00-0121	EA 5/16" Diameter, Steel, Open Swage Socket	146.78	3.25	
05 15 16 00-0122	EA 3/8" Diameter, Steel, Open Swage Socket	151.07	4.33	
05 15 16 00-0123	EA 7/16" Diameter, Steel, Open Swage Socket	179.54	5.42	
05 15 16 00-0124	EA 1/2" Diameter, Steel, Open Swage Socket	179.54	5.42	
05 15 16 00-0125	EA 9/16" Diameter, Steel, Open Swage Socket	262.24	11.92	
05 15 16 00-0126	EA 5/8" Diameter, Steel, Open Swage Socket	262.24	11.92	
05 15 16 00-0127	EA 3/4" Diameter, Steel, Open Swage Socket	334.35	22.75	
05 15 16 00-0128	EA 7/8" Diameter, Steel, Open Swage Socket	449.90	32.50	
05 15 16 00-0129	EA 1" Diameter, Steel, Open Swage Socket	632.86	49.84	
05 15 16 00-0130	EA 1-1/8" Diameter, Steel, Open Swage Socket	829.69	78.01	
05 15 16 00-0131	EA 1-1/4" Diameter, Steel, Open Swage Socket	965.98	89.93	
05 15 16 00-0132	Steel, Closed Swage Sockets (05 15 16)			
05 15 16 00-0133	EA 1/4" Diameter, Steel, Closed Swage Socket	73.90	3.25	
05 15 16 00-0134	EA 5/16" Diameter, Steel, Closed Swage Socket	100.14	3.25	
05 15 16 00-0135	EA 3/8" Diameter, Steel, Closed Swage Socket	100.14	3.25	
05 15 16 00-0136	EA 7/16" Diameter, Steel, Closed Swage Socket	124.78	4.33	
05 15 16 00-0137	EA 1/2" Diameter, Steel, Closed Swage Socket	125.98	4.33	
05 15 16 00-0138	EA 9/16" Diameter, Steel, Closed Swage Socket	172.63	7.59	
05 15 16 00-0139	EA 5/8" Diameter, Steel, Closed Swage Socket	177.79	8.66	
05 15 16 00-0140	EA 3/4" Diameter, Steel, Closed Swage Socket	219.60	14.08	
05 15 16 00-0141	EA 7/8" Diameter, Steel, Closed Swage Socket	283.59	20.58	
05 15 16 00-0142	EA 1" Diameter, Steel, Closed Swage Socket	405.64	28.17	
05 15 16 00-0143	EA 1-1/8" Diameter, Steel, Closed Swage Socket	502.38	39.01	
05 15 16 00-0144	EA 1-1/4" Diameter, Steel, Closed Swage Socket	680.17	60.67	
05 15 16 00-0145	Galvanized Steel, Open Spelter Sockets (05 15 16)			
05 15 16 00-0146	EA 1/4" Galvanized Steel, Open Spelter Socket	154.16	3.25	
05 15 16 00-0147	EA 5/16" Galvanized Steel, Open Spelter Socket	158.06	3.25	
05 15 16 00-0148	EA 3/8" Galvanized Steel, Open Spelter Socket	158.06	3.25	
05 15 16 00-0149	EA 7/16" Galvanized Steel, Open Spelter Socket	176.30	6.50	
05 15 16 00-0150	EA 1/2" Galvanized Steel, Open Spelter Socket	176.30	6.50	
05 15 16 00-0151	EA 9/16" Galvanized Steel, Open Spelter Socket	230.90	10.83	
05 15 16 00-0152	EA 5/8" Galvanized Steel, Open Spelter Socket	230.90	10.83	
05 15 16 00-0153	EA 3/4" Galvanized Steel, Open Spelter Socket	292.07	16.25	
05 15 16 00-0154	EA 7/8" Galvanized Steel, Open Spelter Socket	436.63	27.09	
05 15 16 00-0155	EA 1" Galvanized Steel, Open Spelter Socket	795.05	42.25	
05 15 16 00-0156	EA 1-1/8" Galvanized Steel, Open Spelter Socket	932.19	68.26	
05 15 16 00-0157	EA 1-1/4" Galvanized Steel, Open Spelter Socket	1,260.17	89.93	

05 Metals**05 10 Structural Metal Framing****05 15 Wire Rope Assemblies**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

05 15 16 00-0158 Galvanized Steel, Closed Spelter Sockets (05 15 16)

05 15 16 00-0159	EA	1/4" Galvanized Steel, Closed Spelter Socket	129.20	3.25
05 15 16 00-0160	EA	5/16" Galvanized Steel, Closed Spelter Socket	129.71	3.25
05 15 16 00-0161	EA	3/8" Galvanized Steel, Closed Spelter Socket	129.71	3.25
05 15 16 00-0162	EA	7/16" Galvanized Steel, Closed Spelter Socket	145.13	5.42
05 15 16 00-0163	EA	1/2" Galvanized Steel, Closed Spelter Socket	145.13	5.42
05 15 16 00-0164	EA	9/16" Galvanized Steel, Closed Spelter Socket	202.79	9.75
05 15 16 00-0165	EA	5/8" Galvanized Steel, Closed Spelter Socket	202.79	9.75
05 15 16 00-0166	EA	3/4" Galvanized Steel, Closed Spelter Socket	248.35	14.08
05 15 16 00-0167	EA	7/8" Galvanized Steel, Closed Spelter Socket	362.51	21.67
05 15 16 00-0168	EA	1" Galvanized Steel, Closed Spelter Socket	547.29	33.59
05 15 16 00-0169	EA	1-1/8" Galvanized Steel, Closed Spelter Socket	716.35	45.51
05 15 16 00-0170	EA	1-1/4" Galvanized Steel, Closed Spelter Socket	902.10	60.67

05 15 16 00-0171 Forged Steel, Jaw And Jaw Turnbuckles (05 15 16)

05 15 16 00-0172	EA	1/4" x 4", Forged Steel, Jaw And Jaw Turnbuckle	88.73	3.25
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	-11.69	
05 15 16 00-0173	EA	5/16" x 4-1/2", Forged Steel, Jaw And Jaw Turnbuckle	95.21	3.25
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	-12.66	
05 15 16 00-0174	EA	3/8" x 6", Forged Steel, Jaw And Jaw Turnbuckle	107.21	3.25
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	-14.46	
05 15 16 00-0175	EA	1/2" x 6", Forged Steel, Jaw And Jaw Turnbuckle	118.47	4.33
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	-15.04	
05 15 16 00-0176	EA	1/2" x 9", Forged Steel, Jaw And Jaw Turnbuckle	156.01	5.42
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	-20.01	
05 15 16 00-0177	EA	1/2" x 12", Forged Steel, Jaw And Jaw Turnbuckle	177.20	6.50
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	-22.67	
05 15 16 00-0178	EA	5/8" x 6", Forged Steel, Jaw And Jaw Turnbuckle	179.97	8.66
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	-21.99	
05 15 16 00-0179	EA	5/8" x 9", Forged Steel, Jaw And Jaw Turnbuckle	222.98	8.66
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	-28.03	
05 15 16 00-0180	EA	5/8" x 12", Forged Steel, Jaw And Jaw Turnbuckle	253.33	9.75
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	-32.19	
05 15 16 00-0181	EA	3/4" x 6", Forged Steel, Jaw And Jaw Turnbuckle	242.60	11.92
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	-29.48	
05 15 16 00-0182	EA	3/4" x 9", Forged Steel, Jaw And Jaw Turnbuckle	275.88	14.08
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	-32.83	
05 15 16 00-0183	EA	3/4" x 12", Forged Steel, Jaw And Jaw Turnbuckle	341.27	15.17
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	-41.90	
05 15 16 00-0184	EA	3/4" x 18", Forged Steel, Jaw And Jaw Turnbuckle	410.55	18.42
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	-50.37	
05 15 16 00-0185	EA	7/8" x 12", Forged Steel, Jaw And Jaw Turnbuckle	466.08	26.00
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	-54.43	
05 15 16 00-0186	EA	7/8" x 18", Forged Steel, Jaw And Jaw Turnbuckle	565.64	30.34
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	-66.79	
05 15 16 00-0187	EA	1" x 6", Forged Steel, Jaw And Jaw Turnbuckle	484.45	26.00
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	-57.19	
05 15 16 00-0188	EA	1" x 12", Forged Steel, Jaw And Jaw Turnbuckle	553.16	33.59
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	-62.66	
05 15 16 00-0189	EA	1" x 18", Forged Steel, Jaw And Jaw Turnbuckle	759.75	42.25
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	-88.96	
05 15 16 00-0190	EA	1" x 24", Forged Steel, Jaw And Jaw Turnbuckle	848.89	49.84
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	-97.78	
05 15 16 00-0191	EA	1-1/4" x 12", Forged Steel, Jaw And Jaw Turnbuckle	944.46	60.67
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	-105.55	
05 15 16 00-0192	EA	1-1/4" x 18", Forged Steel, Jaw And Jaw Turnbuckle	1,141.65	68.26
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	-130.62	
05 15 16 00-0193	EA	1-1/4" x 24", Forged Steel, Jaw And Jaw Turnbuckle	1,481.58	78.01
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	-175.80	
05 15 16 00-0194	EA	1-1/2" x 12", Forged Steel, Jaw And Jaw Turnbuckle	1,463.02	83.43
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	-169.45	
05 15 16 00-0195	EA	1-1/2" x 18", Forged Steel, Jaw And Jaw Turnbuckle	1,605.41	108.34
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	-175.80	
05 15 16 00-0196	EA	1-1/2" x 24", Forged Steel, Jaw And Jaw Turnbuckle	2,906.95	140.85
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	-354.78	
05 15 16 00-0197	EA	2" x 24", Forged Steel, Jaw And Jaw Turnbuckle	4,754.85	270.87
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	-550.70	

05 15 16 00-0198 Galvanized Steel, Drop Forged, Shoulder Eye Bolts (05 15 16)

05 15 16 00-0199	EA	1/4" Diameter Thread, 3/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	17.94	
05 15 16 00-0200	EA	5/16" Diameter Thread, 7/8" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	18.03	
05 15 16 00-0201	EA	3/8" Diameter Thread, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	20.47	
05 15 16 00-0202	EA	7/16" Diameter Thread, 1-3/32" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	24.51	
05 15 16 00-0203	EA	1/2" Diameter Thread, 1-3/16" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	24.39	
05 15 16 00-0204	EA	5/8" Diameter Thread, 1-3/8" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	33.68	
05 15 16 00-0205	EA	3/4" Diameter Thread, 1-1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	40.76	
05 15 16 00-0206	EA	7/8" Diameter Thread, 1-11/16" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	55.45	
05 15 16 00-0207	EA	1" Diameter Thread, 1-13/16" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	74.96	
05 15 16 00-0208	EA	1-1/8" Diameter Thread, 2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	109.68	
05 15 16 00-0209	EA	1-1/4" Diameter Thread, 2-3/16" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	130.67	



		Metals	05	
		Structural Metal Framing	05 10	05
		Wire Rope Assemblies	05 15	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 15 16 00-0210 EA 1-1/2" Diameter Thread, 2-1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	239.06	
05 15 16 00-0211 EA 1-3/4" Diameter Thread, 2-7/8" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	274.34	
05 15 16 00-0212 EA 2" Diameter Thread, 3-1/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	339.68	
05 15 16 00-0213 Galvanized Steel, Drop Forged, Eye Bolts (05 15 16)		
05 15 16 00-0214 EA 1/4" Diameter Thread, 3" Shank Length, 1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	23.93	
05 15 16 00-0215 EA 1/4" Diameter Thread, 4" Shank Length, 1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	21.44	
05 15 16 00-0216 EA 5/16" Diameter Thread, 2-1/4" Shank Length, 5/8" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	29.57	
05 15 16 00-0217 EA 5/16" Diameter Thread, 4-1/4" Shank Length, 5/8" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	19.41	
05 15 16 00-0218 EA 3/8" Diameter Thread, 2-1/2" Shank Length, 3/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	26.68	
05 15 16 00-0219 EA 3/8" Diameter Thread, 3" Shank Length, 3/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	40.85	
05 15 16 00-0220 EA 3/8" Diameter Thread, 4" Shank Length, 3/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	39.54	
05 15 16 00-0221 EA 3/8" Diameter Thread, 4-1/2" Shank Length, 3/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	37.51	
05 15 16 00-0222 EA 3/8" Diameter Thread, 5" Shank Length, 3/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	33.49	
05 15 16 00-0223 EA 3/8" Diameter Thread, 6" Shank Length, 3/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	34.58	
05 15 16 00-0224 EA 1/2" Diameter Thread, 2" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	30.35	
05 15 16 00-0225 EA 1/2" Diameter Thread, 3" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	23.88	
05 15 16 00-0226 EA 1/2" Diameter Thread, 3-1/4" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	31.53	
05 15 16 00-0227 EA 1/2" Diameter Thread, 4" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	43.54	
05 15 16 00-0228 EA 1/2" Diameter Thread, 4-1/2" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	32.71	
05 15 16 00-0229 EA 1/2" Diameter Thread, 6" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	53.50	
05 15 16 00-0230 EA 1/2" Diameter Thread, 8" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	46.88	
05 15 16 00-0231 EA 1/2" Diameter Thread, 10" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	42.61	
05 15 16 00-0232 EA 1/2" Diameter Thread, 12" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	50.39	
05 15 16 00-0233 EA 5/8" Diameter Thread, 4" Shank Length, 1-1/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	51.09	
05 15 16 00-0234 EA 5/8" Diameter Thread, 4-1/2" Shank Length, 1-1/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	45.31	
05 15 16 00-0235 EA 5/8" Diameter Thread, 6" Shank Length, 1-1/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	57.40	
05 15 16 00-0236 EA 5/8" Diameter Thread, 8" Shank Length, 1-1/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	66.01	
05 15 16 00-0237 EA 5/8" Diameter Thread, 10" Shank Length, 1-1/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	76.36	
05 15 16 00-0238 EA 5/8" Diameter Thread, 12" Shank Length, 1-1/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	62.78	
05 15 16 00-0239 EA 3/4" Diameter Thread, 4-1/2" Shank Length, 1-1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	62.84	
05 15 16 00-0240 EA 3/4" Diameter Thread, 6" Shank Length, 1-1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	64.10	
05 15 16 00-0241 EA 3/4" Diameter Thread, 8" Shank Length, 1-1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	71.00	
05 15 16 00-0242 EA 3/4" Diameter Thread, 10" Shank Length, 1-1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	76.68	
05 15 16 00-0243 EA 3/4" Diameter Thread, 12" Shank Length, 1-1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	89.90	
05 15 16 00-0244 EA 1" Diameter Thread, 8" Shank Length, 2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	119.47	
05 15 19 Stainless Steel Wire Rope Assemblies (05 15 19)		
05 15 19 00-0001 7x7, 304 Stainless Steel, Aircraft Cable (05 15 19)		
05 15 19 00-0002 LF 1/16" Diameter, 7x7, 304 Stainless Steel, Aircraft Cable	0.26	0.08
For >500, Deduct	-0.03	
05 15 19 00-0003 LF 3/32" Diameter, 7x7, 304 Stainless Steel, Aircraft Cable	0.34	0.09
For >500, Deduct	-0.04	
05 15 19 00-0004 LF 1/8" Diameter, 7x7, 304 Stainless Steel, Aircraft Cable	0.44	0.10
For >500, Deduct	-0.06	
05 15 19 00-0005 LF 5/32" Diameter, 7x7, 304 Stainless Steel, Aircraft Cable	0.56	0.11
For >500, Deduct	-0.08	
05 15 19 00-0006 LF 3/16" Diameter, 7x7, 304 Stainless Steel, Aircraft Cable	0.71	0.11
For >500, Deduct	-0.10	
05 15 19 00-0007 7x19, 304 Stainless Steel, Aircraft Cable (05 15 19)		
05 15 19 00-0008 LF 1/8" Diameter, 7x19, 304 Stainless Steel, Aircraft Cable	0.50	0.10
For >500, Deduct	-0.07	
05 15 19 00-0009 LF 5/32" Diameter, 7x19, 304 Stainless Steel, Aircraft Cable	0.57	0.11
For >500, Deduct	-0.08	
05 15 19 00-0010 LF 3/16" Diameter, 7x19, 304 Stainless Steel, Aircraft Cable	0.67	0.11
For >500, Deduct	-0.09	
05 15 19 00-0011 LF 1/4" Diameter, 7x19, 304 Stainless Steel, Aircraft Cable	0.84	0.11
For >500, Deduct	-0.13	
05 15 19 00-0012 LF 5/16" Diameter, 7x19, 304 Stainless Steel, Aircraft Cable	1.28	0.11
For >500, Deduct	-0.20	
05 15 19 00-0013 LF 3/8" Diameter, 7x19, 304 Stainless Steel, Aircraft Cable	1.91	0.22
For >500, Deduct	-0.30	
05 15 19 00-0014 7x7, 316 Stainless Steel, Aircraft Cable (05 15 19)		
05 15 19 00-0015 LF 1/16" Diameter, 7x7, 316 Stainless Steel, Aircraft Cable	0.26	0.08
For >500, Deduct	-0.03	
05 15 19 00-0016 LF 3/32" Diameter, 7x7, 316 Stainless Steel, Aircraft Cable	0.34	0.09
For >500, Deduct	-0.04	
05 15 19 00-0017 LF 1/8" Diameter, 7x7, 316 Stainless Steel, Aircraft Cable	0.44	0.10
For >500, Deduct	-0.06	
05 15 19 00-0018 LF 5/32" Diameter, 7x7, 316 Stainless Steel, Aircraft Cable	0.56	0.11
For >500, Deduct	-0.08	
05 15 19 00-0019 LF 3/16" Diameter, 7x7, 316 Stainless Steel, Aircraft Cable	0.71	0.11
For >500, Deduct	-0.10	

05 Metals**05 10 Structural Metal Framing****05 15 Wire Rope Assemblies**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

05 15 19 00-0020	7x19, 316 Stainless Steel, Aircraft Cable (05 15 19)		
05 15 19 00-0021	LF 1/8" Diameter, 7x19, 316 Stainless Steel, Aircraft Cable.....	0.50	0.10
	For >500, Deduct	-0.07	
05 15 19 00-0022	LF 5/32" Diameter, 7x19, 316 Stainless Steel, Aircraft Cable.....	0.57	0.11
	For >500, Deduct	-0.08	
05 15 19 00-0023	LF 3/16" Diameter, 7x19, 316 Stainless Steel, Aircraft Cable.....	0.67	0.11
	For >500, Deduct	-0.09	
05 15 19 00-0024	LF 1/4" Diameter, 7x19, 316 Stainless Steel, Aircraft Cable.....	0.84	0.11
	For >500, Deduct	-0.13	
05 15 19 00-0025	LF 5/16" Diameter, 7x19, 316 Stainless Steel, Aircraft Cable.....	1.28	0.11
	For >500, Deduct	-0.20	
05 15 19 00-0026	LF 3/8" Diameter, 7x19, 316 Stainless Steel, Aircraft Cable.....	1.91	0.11
	For >500, Deduct	-0.30	

05 20 Metal Joists (05)

Note: Includes all connecting bolts and welds.

05 21 Steel Joist Framing (05 20)**05 21 19 Open Web Steel Joist Framing** (05 21)

05 21 19 00-0001	Open Web Joists (05 21 19)		
05 21 19 00-0002	TON H, J Or K Open Web Joist, Up To 30' Span, Steel, Horizontal Bridging.....	2,680.22	194.50
	For Welded Cross Bridging, Add	243.13	
	For Shop Prime Paint Other Than Manufacturer's Standard, Add	224.37	
05 21 19 00-0003	TON H, J Or K Open Web Joist, >30' To 50' Span, Steel, Horizontal Bridging.....	2,456.61	182.34
	For Welded Cross Bridging, Add	216.11	
	For Shop Prime Paint Other Than Manufacturer's Standard, Add	208.35	
05 21 19 00-0004	TON LJ Or LH Open Web Joist, Up To 96' Span, Steel, Bolted Cross Bridging.....	2,948.50	182.34
	For Welded Cross Bridging, Add	224.43	
	For Shop Prime Paint Other Than Manufacturer's Standard, Add	264.05	
05 21 19 00-0005	TON DLJ Or DLH Open Web Joist, Up To 144' Span, Steel, Bolted Cross Bridging.....	3,339.68	182.34
	For Welded Cross Bridging, Add	224.43	
	For Shop Prime Paint Other Than Manufacturer's Standard, Add	310.99	
05 21 19 00-0006	TON CS Open Web Joist, Up To 30' Span, Steel, Horizontal Bridging.....	2,961.94	182.34
	For Welded Cross Bridging, Add	243.13	
	For Shop Prime Paint Other Than Manufacturer's Standard, Add	258.18	
05 21 19 00-0007	TON SLH Open Web Joist, Up To 200' Span, Steel, Bolted Cross Bridging.....	3,681.97	182.34
	For Welded Cross Bridging, Add	224.43	
	For Shop Prime Paint Other Than Manufacturer's Standard, Add	352.07	

05 30 Metal Decking (05)

Note: Includes all connecting bolts and welds.

05 31 Steel Decking (05 30)

See CSI section 03 30 00 00-0000 for concrete where required.

05 31 13 Steel Floor Decking (05 31)

Note: Floor or roof decking

05 31 13 00-0001	Open Ribbed Galvanized Steel Deck (05 31 13)		
05 31 13 00-0002	SF 1" Deep, 22 Gauge Open Ribbed Galvanized Steel Deck.....	3.16	0.49
	For Site Installed Insulation Between Ribs, Add	0.84	
	For Painted, Deduct	-0.13	
	For Perforated Or Slotted, Add	0.13	
	For Up To 100, Add	0.87	
	For >100 To 500, Add	0.50	
	For >500 To 1,500, Add	0.15	
05 31 13 00-0003	SF 1" Deep, 20 Gauge Open Ribbed Galvanized Steel Deck.....	3.60	0.57
	For Site Installed Insulation Between Ribs, Add	0.95	
	For Painted, Deduct	-0.14	
	For Perforated Or Slotted, Add	0.14	
	For Up To 100, Add	1.00	
	For >100 To 500, Add	0.57	
	For >500 To 1,500, Add	0.18	
05 31 13 00-0004	SF 1" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck.....	4.51	0.69
	For Site Installed Insulation Between Ribs, Add	1.19	
	For Painted, Deduct	-0.18	
	For Perforated Or Slotted, Add	0.18	
	For Up To 100, Add	1.23	
	For >100 To 500, Add	0.71	
	For >500 To 1,500, Add	0.22	
05 31 13 00-0005	SF 1-1/2" Deep, 22 Gauge Open Ribbed Galvanized Steel Deck.....	3.47	0.55
	For Site Installed Insulation Between Ribs, Add	0.92	
	For Painted, Deduct	-0.14	
	For Perforated Or Slotted, Add	0.14	
	For Up To 100, Add	0.97	
	For >100 To 500, Add	0.55	
	For >500 To 1,500, Add	0.17	



		Metals	05	05
		Metal Decking	05 30	
		Steel Decking	05 31	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 31 13 00-0006	SF	1-1/2" Deep, 20 Gauge Open Ribbed Galvanized Steel Deck	.....	3.99	0.63
		For Site Installed Insulation Between Ribs, Add	.....	1.06	
		For Painted, Deduct	.....	-0.16	
		For Perforated Or Slotted, Add	.....	0.16	
		For Up To 100, Add	.....	1.11	
		For >100 To 500, Add	.....	0.64	
		For >500 To 1,500, Add	.....	0.20	
05 31 13 00-0007	SF	1-1/2" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck	.....	5.00	0.77
		For Site Installed Insulation Between Ribs, Add	.....	1.32	
		For Painted, Deduct	.....	-0.20	
		For Perforated Or Slotted, Add	.....	0.20	
		For Up To 100, Add	.....	1.36	
		For >100 To 500, Add	.....	0.79	
		For >500 To 1,500, Add	.....	0.24	
05 31 13 00-0008	SF	2" Deep, 22 Gauge Open Ribbed Galvanized Steel Deck	.....	3.92	0.58
		For Site Installed Insulation Between Ribs, Add	.....	1.03	
		For Painted, Deduct	.....	-0.16	
		For Perforated Or Slotted, Add	.....	0.16	
		For Up To 100, Add	.....	1.04	
		For >100 To 500, Add	.....	0.61	
		For >500 To 1,500, Add	.....	0.18	
05 31 13 00-0009	SF	2" Deep, 20 Gauge Open Ribbed Galvanized Steel Deck	.....	4.56	0.67
		For Site Installed Insulation Between Ribs, Add	.....	1.20	
		For Painted, Deduct	.....	-0.19	
		For Perforated Or Slotted, Add	.....	0.19	
		For Up To 100, Add	.....	1.20	
		For >100 To 500, Add	.....	0.71	
		For >500 To 1,500, Add	.....	0.21	
05 31 13 00-0010	SF	2" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck	.....	5.61	0.75
		For Site Installed Insulation Between Ribs, Add	.....	1.47	
		For Painted, Deduct	.....	-0.23	
		For Perforated Or Slotted, Add	.....	0.23	
		For Up To 100, Add	.....	1.40	
		For >100 To 500, Add	.....	0.84	
		For >500 To 1,500, Add	.....	0.23	
05 31 13 00-0011	SF	2" Deep, 16 Gauge Open Ribbed Galvanized Steel Deck	.....	7.06	0.81
		For Site Installed Insulation Between Ribs, Add	.....	1.84	
		For Painted, Deduct	.....	-0.30	
		For Perforated Or Slotted, Add	.....	0.30	
		For Up To 100, Add	.....	1.62	
		For >100 To 500, Add	.....	1.01	
		For >500 To 1,500, Add	.....	0.26	
05 31 13 00-0012	SF	3" Deep, 22 Gauge Open Ribbed Galvanized Steel Deck	.....	4.38	0.61
		For Site Installed Insulation Between Ribs, Add	.....	1.15	
		For Painted, Deduct	.....	-0.18	
		For Perforated Or Slotted, Add	.....	0.18	
		For Up To 100, Add	.....	1.12	
		For >100 To 500, Add	.....	0.67	
		For >500 To 1,500, Add	.....	0.19	
05 31 13 00-0013	SF	3" Deep, 20 Gauge Open Ribbed Galvanized Steel Deck	.....	5.12	0.69
		For Site Installed Insulation Between Ribs, Add	.....	1.35	
		For Painted, Deduct	.....	-0.21	
		For Perforated Or Slotted, Add	.....	0.21	
		For Up To 100, Add	.....	1.29	
		For >100 To 500, Add	.....	0.77	
		For >500 To 1,500, Add	.....	0.22	
05 31 13 00-0014	SF	3" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck	.....	6.38	0.85
		For Site Installed Insulation Between Ribs, Add	.....	1.67	
		For Painted, Deduct	.....	-0.27	
		For Perforated Or Slotted, Add	.....	0.27	
		For Up To 100, Add	.....	1.60	
		For >100 To 500, Add	.....	0.96	
		For >500 To 1,500, Add	.....	0.27	
05 31 13 00-0015	SF	3" Deep, 16 Gauge Open Ribbed Galvanized Steel Deck	.....	8.04	1.04
		For Site Installed Insulation Between Ribs, Add	.....	2.11	
		For Painted, Deduct	.....	-0.34	
		For Perforated Or Slotted, Add	.....	0.34	
		For Up To 100, Add	.....	1.97	
		For >100 To 500, Add	.....	1.19	
		For >500 To 1,500, Add	.....	0.33	
05 31 13 00-0016	SF	4-1/2" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck	.....	11.63	
		For Site Installed Insulation Between Ribs, Add	.....	2.98	
		For Painted, Deduct	.....	-0.54	
		For Perforated Or Slotted, Add	.....	0.54	
		For Up To 100, Add	.....	2.00	
		For >100 To 500, Add	.....	1.44	
		For >500 To 1,500, Add	.....	0.23	
05 31 13 00-0017	SF	4-1/2" Deep, 16 Gauge Open Ribbed Galvanized Steel Deck	.....	14.68	0.85
		For Site Installed Insulation Between Ribs, Add	.....	3.75	
		For Painted, Deduct	.....	-0.68	
		For Perforated Or Slotted, Add	.....	0.68	
		For Up To 100, Add	.....	2.43	
		For >100 To 500, Add	.....	1.79	
		For >500 To 1,500, Add	.....	0.27	

05 Metals**05 30 Metal Decking****05 31 Steel Decking**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 31 13 00-0018	SF		6" Deep, 20 Gauge Open Ribbed Galvanized Steel Deck	13.63	0.85
			For Site Installed Insulation Between Ribs, Add	3.49	
			For Painted, Deduct	-0.63	
			For Perforated Or Slotted, Add	0.63	
			For Up To 100, Add	2.33	
			For >100 To 500, Add	1.68	
			For >500 To 1,500, Add	0.27	
05 31 13 00-0019	SF		6" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck	14.29	1.04
			For Site Installed Insulation Between Ribs, Add	3.67	
			For Painted, Deduct	-0.65	
			For Perforated Or Slotted, Add	0.65	
			For Up To 100, Add	2.60	
			For >100 To 500, Add	1.82	
			For >500 To 1,500, Add	0.33	
05 31 13 00-0020	SF		6" Deep, 16 Gauge Open Ribbed Galvanized Steel Deck	17.83	1.26
			For Site Installed Insulation Between Ribs, Add	4.58	
			For Painted, Deduct	-0.81	
			For Perforated Or Slotted, Add	0.81	
			For Up To 100, Add	3.20	
			For >100 To 500, Add	2.25	
			For >500 To 1,500, Add	0.39	
05 31 13 00-0021	SF		7-1/2" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck	15.79	1.14
			For Site Installed Insulation Between Ribs, Add	4.05	
			For Painted, Deduct	-0.72	
			For Perforated Or Slotted, Add	0.72	
			For Up To 100, Add	2.86	
			For >100 To 500, Add	2.01	
			For >500 To 1,500, Add	0.36	
05 31 13 00-0022	SF		7-1/2" Deep, 16 Gauge Open Ribbed Galvanized Steel Deck	19.68	1.38
			For Site Installed Insulation Between Ribs, Add	5.05	
			For Painted, Deduct	-0.90	
			For Perforated Or Slotted, Add	0.90	
			For Up To 100, Add	3.53	
			For >100 To 500, Add	2.49	
			For >500 To 1,500, Add	0.43	
05 31 13 00-0023			Cellular Galvanized Steel Deck (05 31 13)		
			Note: Cellular decking is made of a top ribbed sheet and a flat bottom sheet welded together to create hollow longitudinal cells within the panels.		
05 31 13 00-0024	SF		1" Deep, 22/18 Gauge Cellular Galvanized Steel Deck	10.44	0.87
			For Site Installed Insulation Between Ribs, Add	2.69	
			For Painted, Deduct	-0.47	
			For Perforated Or Slotted, Add	0.47	
			For Insulated Cells, Add	2.10	
			For Up To 100, Add	2.03	
			For >100 To 500, Add	1.37	
			For >500 To 1,500, Add	0.28	
05 31 13 00-0025	SF		1" Deep, 18/18 Gauge Cellular Galvanized Steel Deck	11.34	1.16
			For Site Installed Insulation Between Ribs, Add	2.94	
			For Painted, Deduct	-0.49	
			For Perforated Or Slotted, Add	0.49	
			For Insulated Cells, Add	2.23	
			For Up To 100, Add	2.44	
			For >100 To 500, Add	1.57	
			For >500 To 1,500, Add	0.36	
05 31 13 00-0026	SF		1-1/2" Deep, 22/18 Gauge Cellular Galvanized Steel Deck	12.81	0.91
			For Site Installed Insulation Between Ribs, Add	3.29	
			For Painted, Deduct	-0.58	
			For Perforated Or Slotted, Add	0.58	
			For Insulated Cells, Add	2.62	
			For Up To 100, Add	2.32	
			For >100 To 500, Add	1.63	
			For >500 To 1,500, Add	0.29	
05 31 13 00-0027	SF		1-1/2" Deep, 18/18 Gauge Cellular Galvanized Steel Deck	13.85	1.22
			For Site Installed Insulation Between Ribs, Add	3.58	
			For Painted, Deduct	-0.62	
			For Perforated Or Slotted, Add	0.62	
			For Insulated Cells, Add	2.77	
			For Up To 100, Add	2.75	
			For >100 To 500, Add	1.84	
			For >500 To 1,500, Add	0.38	
05 31 13 00-0028	SF		3" Deep, 20/18 Gauge Cellular Galvanized Steel Deck	14.66	1.12
			For Site Installed Insulation Between Ribs, Add	3.77	
			For Painted, Deduct	-0.66	
			For Perforated Or Slotted, Add	0.66	
			For Insulated Cells, Add	2.99	
			For Up To 100, Add	2.70	
			For >100 To 500, Add	1.88	
			For >500 To 1,500, Add	0.34	



	Metals	05	
	Metal Decking	05 30	
	Steel Decking	05 31	05

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 31 13 00-0029	SF		3" Deep, 18/18 Gauge Cellular Galvanized Steel Deck.....	17.53	1.28
			For Site Installed Insulation Between Ribs, Add	4.50	
			For Painted, Deduct	-0.80	
			For Perforated Or Slotted, Add	0.80	
			For Insulated Cells, Add	3.58	
			For Up To 100, Add	3.19	
			For >100 To 500, Add	2.23	
			For >500 To 1,500, Add	0.40	
05 31 13 00-0030	SF		3" Deep, 18/16 Gauge Cellular Galvanized Steel Deck.....	19.66	1.38
			For Site Installed Insulation Between Ribs, Add	5.04	
			For Painted, Deduct	-0.90	
			For Perforated Or Slotted, Add	0.90	
			For Insulated Cells, Add	4.03	
			For Up To 100, Add	3.52	
			For >100 To 500, Add	2.49	
			For >500 To 1,500, Add	0.43	
05 31 13 00-0031	SF		3" Deep, 16/16 Gauge Cellular Galvanized Steel Deck.....	21.26	1.48
			For Site Installed Insulation Between Ribs, Add	5.45	
			For Painted, Deduct	-0.97	
			For Perforated Or Slotted, Add	0.97	
			For Insulated Cells, Add	4.37	
			For Up To 100, Add	3.80	
			For >100 To 500, Add	2.68	
			For >500 To 1,500, Add	0.47	
05 31 13 00-0032	SF		4-1/2" Deep, 20/18 Gauge Cellular Galvanized Steel Deck.....	22.77	1.12
			For Site Installed Insulation Between Ribs, Add	5.80	
			For Painted, Deduct	-1.07	
			For Perforated Or Slotted, Add	1.07	
			For Insulated Cells, Add	4.81	
			For Up To 100, Add	3.54	
			For >100 To 500, Add	2.70	
			For >500 To 1,500, Add	0.35	
05 31 13 00-0033	SF		4-1/2" Deep, 18/18 Gauge Cellular Galvanized Steel Deck.....	24.21	1.30
			For Site Installed Insulation Between Ribs, Add	6.17	
			For Painted, Deduct	-1.13	
			For Perforated Or Slotted, Add	1.13	
			For Insulated Cells, Add	5.08	
			For Up To 100, Add	3.89	
			For >100 To 500, Add	2.91	
			For >500 To 1,500, Add	0.41	
05 31 13 00-0034	SF		4-1/2" Deep, 16/16 Gauge Cellular Galvanized Steel Deck.....	25.59	1.40
			For Site Installed Insulation Between Ribs, Add	6.53	
			For Painted, Deduct	-1.19	
			For Perforated Or Slotted, Add	1.19	
			For Insulated Cells, Add	5.36	
			For Up To 100, Add	4.14	
			For >100 To 500, Add	3.09	
			For >500 To 1,500, Add	0.44	
05 31 13 00-0035	SF		4-1/2" Deep, 16/16 Gauge Cellular Galvanized Steel Deck.....	27.28	1.50
			For Site Installed Insulation Between Ribs, Add	6.96	
			For Painted, Deduct	-1.27	
			For Perforated Or Slotted, Add	1.27	
			For Insulated Cells, Add	5.72	
			For Up To 100, Add	4.42	
			For >100 To 500, Add	3.29	
			For >500 To 1,500, Add	0.47	

05 31 23 Steel Roof Decking (05 31)

See CSI section 05 31 13 00-0000 for Steel floor or roof decking.

05 31 33 Steel Form Decking (05 31)

05 31 33 00-0001 Open Ribbed Galvanized Steel Form Deck (05 31 33)

05 31 33 00-0002	SF		9/16" Deep, 28 Gauge Open Ribbed Galvanized Steel Form Deck.....	2.84	
			For Painted, Deduct	-0.10	
			For Perforated Or Slotted, Add	0.10	
			For Up To 100, Add	1.10	
			For >100 To 500, Add	0.56	
			For >500 To 1,500, Add	0.23	
05 31 33 00-0003	SF		9/16" Deep, 26 Gauge Open Ribbed Galvanized Steel Form Deck.....	3.02	
			For Painted, Deduct	-0.10	
			For Perforated Or Slotted, Add	0.10	
			For Up To 100, Add	1.17	
			For >100 To 500, Add	0.59	
			For >500 To 1,500, Add	0.24	
05 31 33 00-0004	SF		9/16" Deep, 24 Gauge Open Ribbed Galvanized Steel Form Deck.....	3.35	
			For Painted, Deduct	-0.11	
			For Perforated Or Slotted, Add	0.11	
			For Up To 100, Add	1.34	
			For >100 To 500, Add	0.67	
			For >500 To 1,500, Add	0.28	

05 Metals**05 30 Metal Decking****05 31 Steel Decking**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

05 31 33 00-0005	SF 9/16" Deep, 22 Gauge Open Ribbed Galvanized Steel Form Deck.....	3.62
	For Painted, Deduct	-0.12
	For Perforated Or Slotted, Add	0.12
	For Up To 100, Add	1.51
	For >100 To 500, Add	0.74
	For >500 To 1,500, Add	0.32
05 31 33 00-0006	SF 15/16" Deep, 26 Gauge Open Ribbed Galvanized Steel Form Deck.....	3.42
	For Painted, Deduct	-0.12
	For Perforated Or Slotted, Add	0.12
	For Up To 100, Add	1.21
	For >100 To 500, Add	0.63
	For >500 To 1,500, Add	0.24
05 31 33 00-0007	SF 15/16" Deep, 25 Gauge Open Ribbed Galvanized Steel Form Deck.....	3.60
	For Painted, Deduct	-0.13
	For Perforated Or Slotted, Add	0.13
	For Up To 100, Add	1.28
	For >100 To 500, Add	0.67
	For >500 To 1,500, Add	0.26
05 31 33 00-0008	SF 15/16" Deep, 24 Gauge Open Ribbed Galvanized Steel Form Deck.....	3.79
	For Painted, Deduct	-0.13
	For Perforated Or Slotted, Add	0.13
	For Up To 100, Add	1.39
	For >100 To 500, Add	0.72
	For >500 To 1,500, Add	0.28
05 31 33 00-0009	SF 15/16" Deep, 22 Gauge Open Ribbed Galvanized Steel Form Deck.....	4.04
	For Painted, Deduct	-0.14
	For Perforated Or Slotted, Add	0.14
	For Up To 100, Add	1.55
	For >100 To 500, Add	0.79
	For >500 To 1,500, Add	0.32
05 31 33 00-0010	SF 1-15/16" Deep, 26 Gauge Open Ribbed Galvanized Steel Form Deck.....	4.26
	For Painted, Deduct	-0.15
	For Perforated Or Slotted, Add	0.15
	For Up To 100, Add	1.61
	For >100 To 500, Add	0.82
	For >500 To 1,500, Add	0.33
05 31 33 00-0011	SF 1-15/16" Deep, 24 Gauge Open Ribbed Galvanized Steel Form Deck.....	4.65
	For Painted, Deduct	-0.16
	For Perforated Or Slotted, Add	0.16
	For Up To 100, Add	1.70
	For >100 To 500, Add	0.88
	For >500 To 1,500, Add	0.34
05 31 33 00-0012	SF 1-15/16" Deep, 22 Gauge Open Ribbed Galvanized Steel Form Deck.....	5.33
	For Painted, Deduct	-0.19
	For Perforated Or Slotted, Add	0.19
	For Up To 100, Add	1.86
	For >100 To 500, Add	0.97
	For >500 To 1,500, Add	0.37
05 31 33 00-0013	SF 1-15/16" Deep, 20 Gauge Open Ribbed Galvanized Steel Form Deck.....	5.91
	For Painted, Deduct	-0.21
	For Perforated Or Slotted, Add	0.21
	For Up To 100, Add	2.10
	For >100 To 500, Add	1.10
	For >500 To 1,500, Add	0.42

05 36 Composite Metal Decking (05 30)

See CSI section 03 30 00 00-0000 for concrete.

05 36 00 00-0001 Composite Open Ribbed Galvanized Steel Deck (05 36)

Note: Composite decking has rolled-in embossments or ridges designed to interlock with the concrete slab.

05 36 00 00-0002	SF 1-1/2" Deep, 22 Gauge Composite Open Ribbed Galvanized Steel Deck.....	4.30
	For Painted, Deduct	-0.15
	For Perforated Or Slotted, Add	0.15
	For Up To 100, Add	1.62
	For >100 To 500, Add	0.83
	For >500 To 1,500, Add	0.33
05 36 00 00-0003	SF 1-1/2" Deep, 20 Gauge Composite Open Ribbed Galvanized Steel Deck.....	4.59
	For Painted, Deduct	-0.16
	For Perforated Or Slotted, Add	0.16
	For Up To 100, Add	1.78
	For >100 To 500, Add	0.90
	For >500 To 1,500, Add	0.37
05 36 00 00-0004	SF 1-1/2" Deep, 18 Gauge Composite Open Ribbed Galvanized Steel Deck.....	5.13
	For Painted, Deduct	-0.17
	For Perforated Or Slotted, Add	0.17
	For Up To 100, Add	2.16
	For >100 To 500, Add	1.06
	For >500 To 1,500, Add	0.46
05 36 00 00-0005	SF 1-1/2" Deep, 16 Gauge Composite Open Ribbed Galvanized Steel Deck.....	5.59
	For Painted, Deduct	-0.17
	For Perforated Or Slotted, Add	0.17
	For Up To 100, Add	2.52
	For >100 To 500, Add	1.21
	For >500 To 1,500, Add	0.55



			Metals	05	05
			Metal Decking	05 30	
			Composite Metal Decking	05 36	

MINOR		DESCRIPTION	TOTAL DIRECT	DEMOLITION
CSI	UOM		UNIT COST	UNIT COST
05 36 00 00-0006	SF	2" Deep, 22 Gauge Composite Open Ribbed Galvanized Steel Deck.....	4.59	
		For Painted, Deduct	-0.16	
		For Perforated Or Slotted, Add	0.16	
		For Up To 100, Add	1.78	
		For >100 To 500, Add	0.90	
		For >500 To 1,500, Add	0.37	
05 36 00 00-0007	SF	2" Deep, 20 Gauge Composite Open Ribbed Galvanized Steel Deck.....	4.97	
		For Painted, Deduct	-0.17	
		For Perforated Or Slotted, Add	0.17	
		For Up To 100, Add	1.96	
		For >100 To 500, Add	0.99	
		For >500 To 1,500, Add	0.41	
05 36 00 00-0008	SF	2" Deep, 18 Gauge Composite Open Ribbed Galvanized Steel Deck.....	5.50	
		For Painted, Deduct	-0.18	
		For Perforated Or Slotted, Add	0.18	
		For Up To 100, Add	2.33	
		For >100 To 500, Add	1.14	
		For >500 To 1,500, Add	0.50	
05 36 00 00-0009	SF	2" Deep, 16 Gauge Composite Open Ribbed Galvanized Steel Deck.....	6.01	
		For Painted, Deduct	-0.18	
		For Perforated Or Slotted, Add	0.18	
		For Up To 100, Add	2.72	
		For >100 To 500, Add	1.31	
		For >500 To 1,500, Add	0.59	
05 36 00 00-0010	SF	3" Deep, 22 Gauge Composite Open Ribbed Galvanized Steel Deck.....	4.82	
		For Painted, Deduct	-0.17	
		For Perforated Or Slotted, Add	0.17	
		For Up To 100, Add	1.85	
		For >100 To 500, Add	0.94	
		For >500 To 1,500, Add	0.38	
05 36 00 00-0011	SF	3" Deep, 20 Gauge Composite Open Ribbed Galvanized Steel Deck.....	5.18	
		For Painted, Deduct	-0.17	
		For Perforated Or Slotted, Add	0.17	
		For Up To 100, Add	2.08	
		For >100 To 500, Add	1.04	
		For >500 To 1,500, Add	0.43	
05 36 00 00-0012	SF	3" Deep, 18 Gauge Composite Open Ribbed Galvanized Steel Deck.....	5.79	
		For Painted, Deduct	-0.18	
		For Perforated Or Slotted, Add	0.18	
		For Up To 100, Add	2.50	
		For >100 To 500, Add	1.22	
		For >500 To 1,500, Add	0.53	
05 36 00 00-0013	SF	3" Deep, 16 Gauge Composite Open Ribbed Galvanized Steel Deck.....	6.47	
		For Painted, Deduct	-0.20	
		For Perforated Or Slotted, Add	0.20	
		For Up To 100, Add	2.94	
		For >100 To 500, Add	1.41	
		For >500 To 1,500, Add	0.64	
05 36 00 00-0014		Composite Cellular Galvanized Steel Deck (05 36)		
		Note: Composite decking has rolled-in embossments or ridges designed to interlock with the concrete slab. Cellular decking is made of a top ribbed sheet and a bottom flat sheet welded together to create hollow longitudinal cells within the panels.		
05 36 00 00-0015	SF	1-1/2" Deep, 20/20 Gauge Composite Cellular Galvanized Steel Deck.....	7.90	
		For Site Installed Insulation Between Ribs, Add	2.15	
		For Painted, Deduct	-0.28	
		For Perforated Or Slotted, Add	0.28	
		For Insulated Cells, Add	1.24	
		For Up To 100, Add	2.95	
		For >100 To 500, Add	1.51	
		For >500 To 1,500, Add	0.60	
05 36 00 00-0016	SF	1-1/2" Deep, 20/18 Gauge Composite Cellular Galvanized Steel Deck.....	8.43	
		For Site Installed Insulation Between Ribs, Add	2.31	
		For Painted, Deduct	-0.29	
		For Perforated Or Slotted, Add	0.29	
		For Insulated Cells, Add	1.30	
		For Up To 100, Add	3.23	
		For >100 To 500, Add	1.64	
		For >500 To 1,500, Add	0.66	
05 36 00 00-0017	SF	1-1/2" Deep, 18/20 Gauge Composite Cellular Galvanized Steel Deck.....	8.53	
		For Site Installed Insulation Between Ribs, Add	2.34	
		For Painted, Deduct	-0.29	
		For Perforated Or Slotted, Add	0.29	
		For Insulated Cells, Add	1.30	
		For Up To 100, Add	3.33	
		For >100 To 500, Add	1.68	
		For >500 To 1,500, Add	0.69	
05 36 00 00-0018	SF	1-1/2" Deep, 18/18 Gauge Composite Cellular Galvanized Steel Deck.....	9.06	
		For Site Installed Insulation Between Ribs, Add	2.49	
		For Painted, Deduct	-0.30	
		For Perforated Or Slotted, Add	0.30	
		For Insulated Cells, Add	1.35	
		For Up To 100, Add	3.66	
		For >100 To 500, Add	1.82	
		For >500 To 1,500, Add	0.77	

05 Metals**05 30 Metal Decking****05 36 Composite Metal Decking**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

05 36 00 00-0019	SF 1-1/2" Deep, 18/16 Gauge Composite Cellular Galvanized Steel Deck.....	9.70	
	For Site Installed Insulation Between Ribs, Add	2.67	
	For Painted, Deduct	-0.32	
	For Perforated Or Slotted, Add	0.32	
	For Insulated Cells, Add	1.44	
	For Up To 100, Add	3.95	
	For >100 To 500, Add	1.96	
	For >500 To 1,500, Add	0.83	
05 36 00 00-0020	SF 1-1/2" Deep, 16/18 Gauge Composite Cellular Galvanized Steel Deck.....	9.80	
	For Site Installed Insulation Between Ribs, Add	2.71	
	For Painted, Deduct	-0.32	
	For Perforated Or Slotted, Add	0.32	
	For Insulated Cells, Add	1.44	
	For Up To 100, Add	4.05	
	For >100 To 500, Add	2.00	
	For >500 To 1,500, Add	0.85	
05 36 00 00-0021	SF 1-1/2" Deep, 16/16 Gauge Composite Cellular Galvanized Steel Deck.....	10.33	
	For Site Installed Insulation Between Ribs, Add	2.86	
	For Painted, Deduct	-0.33	
	For Perforated Or Slotted, Add	0.33	
	For Insulated Cells, Add	1.49	
	For Up To 100, Add	4.38	
	For >100 To 500, Add	2.15	
	For >500 To 1,500, Add	0.93	
05 36 00 00-0022	SF 2" Deep, 20/20 Gauge Composite Cellular Galvanized Steel Deck.....	8.15	
	For Site Installed Insulation Between Ribs, Add	2.23	
	For Painted, Deduct	-0.28	
	For Perforated Or Slotted, Add	0.28	
	For Insulated Cells, Add	1.26	
	For Up To 100, Add	3.11	
	For >100 To 500, Add	1.58	
	For >500 To 1,500, Add	0.64	
05 36 00 00-0023	SF 2" Deep, 20/18 Gauge Composite Cellular Galvanized Steel Deck.....	8.60	
	For Site Installed Insulation Between Ribs, Add	2.36	
	For Painted, Deduct	-0.29	
	For Perforated Or Slotted, Add	0.29	
	For Insulated Cells, Add	1.32	
	For Up To 100, Add	3.34	
	For >100 To 500, Add	1.69	
	For >500 To 1,500, Add	0.69	
05 36 00 00-0024	SF 2" Deep, 18/20 Gauge Composite Cellular Galvanized Steel Deck.....	8.70	
	For Site Installed Insulation Between Ribs, Add	2.39	
	For Painted, Deduct	-0.29	
	For Perforated Or Slotted, Add	0.29	
	For Insulated Cells, Add	1.32	
	For Up To 100, Add	3.44	
	For >100 To 500, Add	1.73	
	For >500 To 1,500, Add	0.71	
05 36 00 00-0025	SF 2" Deep, 18/18 Gauge Composite Cellular Galvanized Steel Deck.....	9.34	
	For Site Installed Insulation Between Ribs, Add	2.57	
	For Painted, Deduct	-0.31	
	For Perforated Or Slotted, Add	0.31	
	For Insulated Cells, Add	1.39	
	For Up To 100, Add	3.78	
	For >100 To 500, Add	1.88	
	For >500 To 1,500, Add	0.79	
05 36 00 00-0026	SF 2" Deep, 18/16 Gauge Composite Cellular Galvanized Steel Deck.....	9.87	
	For Site Installed Insulation Between Ribs, Add	2.72	
	For Painted, Deduct	-0.32	
	For Perforated Or Slotted, Add	0.32	
	For Insulated Cells, Add	1.45	
	For Up To 100, Add	4.06	
	For >100 To 500, Add	2.01	
	For >500 To 1,500, Add	0.85	
05 36 00 00-0027	SF 2" Deep, 16/18 Gauge Composite Cellular Galvanized Steel Deck.....	10.03	
	For Site Installed Insulation Between Ribs, Add	2.77	
	For Painted, Deduct	-0.32	
	For Perforated Or Slotted, Add	0.32	
	For Insulated Cells, Add	1.45	
	For Up To 100, Add	4.22	
	For >100 To 500, Add	2.07	
	For >500 To 1,500, Add	0.89	
05 36 00 00-0028	SF 2" Deep, 16/16 Gauge Composite Cellular Galvanized Steel Deck.....	10.57	
	For Site Installed Insulation Between Ribs, Add	2.93	
	For Painted, Deduct	-0.34	
	For Perforated Or Slotted, Add	0.34	
	For Insulated Cells, Add	1.52	
	For Up To 100, Add	4.50	
	For >100 To 500, Add	2.20	
	For >500 To 1,500, Add	0.96	



	Metals	05	
	Metal Decking	05 30	05
	Composite Metal Decking	05 36	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 36 00 00-0029 SF 3" Deep, 20/20 Gauge Composite Cellular Galvanized Steel Deck.....	8.19	
For Site Installed Insulation Between Ribs, Add	2.24	
For Painted, Deduct	-0.28	
For Perforated Or Slotted, Add	0.28	
For Insulated Cells, Add	1.27	
For Up To 100, Add	3.11	
For >100 To 500, Add	1.58	
For >500 To 1,500, Add	0.64	
05 36 00 00-0030 SF 3" Deep, 20/18 Gauge Composite Cellular Galvanized Steel Deck.....	8.65	
For Site Installed Insulation Between Ribs, Add	2.37	
For Painted, Deduct	-0.29	
For Perforated Or Slotted, Add	0.29	
For Insulated Cells, Add	1.32	
For Up To 100, Add	3.39	
For >100 To 500, Add	1.71	
For >500 To 1,500, Add	0.70	
05 36 00 00-0031 SF 3" Deep, 18/20 Gauge Composite Cellular Galvanized Steel Deck.....	8.81	
For Site Installed Insulation Between Ribs, Add	2.42	
For Painted, Deduct	-0.29	
For Perforated Or Slotted, Add	0.29	
For Insulated Cells, Add	1.32	
For Up To 100, Add	3.55	
For >100 To 500, Add	1.77	
For >500 To 1,500, Add	0.74	
05 36 00 00-0032 SF 3" Deep, 18/18 Gauge Composite Cellular Galvanized Steel Deck.....	9.42	
For Site Installed Insulation Between Ribs, Add	2.60	
For Painted, Deduct	-0.31	
For Perforated Or Slotted, Add	0.31	
For Insulated Cells, Add	1.40	
For Up To 100, Add	3.83	
For >100 To 500, Add	1.91	
For >500 To 1,500, Add	0.80	
05 36 00 00-0033 SF 3" Deep, 18/16 Gauge Composite Cellular Galvanized Steel Deck.....	10.03	
For Site Installed Insulation Between Ribs, Add	2.77	
For Painted, Deduct	-0.33	
For Perforated Or Slotted, Add	0.33	
For Insulated Cells, Add	1.48	
For Up To 100, Add	4.12	
For >100 To 500, Add	2.04	
For >500 To 1,500, Add	0.87	
05 36 00 00-0034 SF 3" Deep, 16/18 Gauge Composite Cellular Galvanized Steel Deck.....	10.24	
For Site Installed Insulation Between Ribs, Add	2.83	
For Painted, Deduct	-0.33	
For Perforated Or Slotted, Add	0.33	
For Insulated Cells, Add	1.48	
For Up To 100, Add	4.33	
For >100 To 500, Add	2.13	
For >500 To 1,500, Add	0.92	
05 36 00 00-0035 SF 3" Deep, 16/16 Gauge Composite Cellular Galvanized Steel Deck.....	10.67	
For Site Installed Insulation Between Ribs, Add	2.96	
For Painted, Deduct	-0.34	
For Perforated Or Slotted, Add	0.34	
For Insulated Cells, Add	1.52	
For Up To 100, Add	4.60	
For >100 To 500, Add	2.24	
For >500 To 1,500, Add	0.98	

05 36 00 00-0036

Non-Cellular, Composite Deck, Galvanized (05 36)

05 36 00 00-0037 SF 1" Deep x 16 Gauge Composite Metal Deck Galvanized, Non-Cellular.....	6.09
05 36 00 00-0038 SF 1" Deep x 18 Gauge Composite Metal Deck Galvanized, Non-Cellular.....	4.99
05 36 00 00-0039 SF 1" Deep x 20 Gauge Composite Metal Deck Galvanized, Non-Cellular.....	4.15
05 36 00 00-0040 SF 1" Deep x 22 Gauge Composite Metal Deck Galvanized, Non-Cellular.....	3.56
05 36 00 00-0041 SF 1-1/2" Deep x 16 Gauge Composite Metal Deck Galvanized, Non-Cellular.....	6.71
05 36 00 00-0042 SF 1-1/2" Deep x 18 Gauge Composite Metal Deck Galvanized, Non-Cellular.....	5.45
05 36 00 00-0043 SF 1-1/2" Deep x 20 Gauge Composite Metal Deck Galvanized, Non-Cellular.....	4.51
05 36 00 00-0044 SF 1-1/2" Deep x 22 Gauge Composite Metal Deck Galvanized, Non-Cellular.....	3.88
05 36 00 00-0045 SF 3" Deep x 16 Gauge Composite Metal Deck Galvanized, Non-Cellular.....	7.73
05 36 00 00-0046 SF 3" Deep x 18 Gauge Composite Metal Deck Galvanized, Non-Cellular.....	6.18
05 36 00 00-0047 SF 3" Deep x 20 Gauge Composite Metal Deck Galvanized, Non-Cellular.....	5.18
05 36 00 00-0048 SF 3" Deep x 22 Gauge Composite Metal Deck Galvanized, Non-Cellular.....	4.68

05 40 Cold-Formed Metal Framing (05)

Note: Includes all connecting bolts and welds.

05 41 Structural Metal Stud Framing (05 40)

Note: Includes studs, bridging, fasteners, and metal stiffener at half height. Do not deduct for openings of less than 25 SF.

05 41 00 00-0001	18 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners (05 41)

05 Metals**05 40 Cold-Formed Metal Framing****05 41 Structural Metal Stud Framing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 41 00 00-0002	SF	2-1/2" Width, 16" On Center, 18 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	.....	4.67	0.91
		For Walls >10' High, Add	.....	0.93	
		For Curved Wall, Add	.....	0.63	
		For Up To 200, Add	.....	1.36	
		For >200 To 500, Add	.....	0.68	
		For 12" On Center, Add	.....	0.83	
		For 24" On Center, Deduct	.....	-0.83	
05 41 00 00-0003	SF	3-5/8" Width, 16" On Center, 18 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	.....	5.22	0.91
		For Walls >10' High, Add	.....	1.04	
		For Curved Wall, Add	.....	0.67	
		For Up To 200, Add	.....	1.49	
		For >200 To 500, Add	.....	0.74	
		For 12" On Center, Add	.....	0.93	
		For 24" On Center, Deduct	.....	-0.93	
05 41 00 00-0004	SF	4" Width, 16" On Center, 18 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	.....	5.44	0.91
		For Walls >10' High, Add	.....	1.09	
		For Curved Wall, Add	.....	0.69	
		For Up To 200, Add	.....	1.55	
		For >200 To 500, Add	.....	0.78	
		For 12" On Center, Add	.....	0.97	
		For 24" On Center, Deduct	.....	-0.97	
05 41 00 00-0005	SF	6" Width, 16" On Center, 18 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	.....	6.92	1.01
		For Walls >10' High, Add	.....	1.38	
		For Curved Wall, Add	.....	0.72	
		For Up To 200, Add	.....	1.87	
		For >200 To 500, Add	.....	0.93	
		For 12" On Center, Add	.....	1.26	
		For 24" On Center, Deduct	.....	-1.26	
05 41 00 00-0006	SF	8" Width, 16" On Center, 18 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	.....	7.73	1.11
		For Walls >10' High, Add	.....	1.55	
		For Curved Wall, Add	.....	0.75	
		For Up To 200, Add	.....	2.05	
		For >200 To 500, Add	.....	1.02	
		For 12" On Center, Add	.....	1.42	
		For 24" On Center, Deduct	.....	-1.42	
05 41 00 00-0007		16 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners			
		(05 41)			
05 41 00 00-0008	SF	2-1/2" Width, 16" On Center, 16 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	.....	5.02	0.91
		For Walls >10' High, Add	.....	1.00	
		For Curved Wall, Add	.....	0.67	
		For Up To 200, Add	.....	1.45	
		For >200 To 500, Add	.....	0.72	
		For 12" On Center, Add	.....	0.89	
		For 24" On Center, Deduct	.....	-0.89	
05 41 00 00-0009	SF	3-5/8" Width, 16" On Center, 16 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	.....	5.80	0.92
		For Walls >10' High, Add	.....	1.16	
		For Curved Wall, Add	.....	0.70	
		For Up To 200, Add	.....	1.63	
		For >200 To 500, Add	.....	0.81	
		For 12" On Center, Add	.....	1.04	
		For 24" On Center, Deduct	.....	-1.04	
05 41 00 00-0010	SF	4" Width, 16" On Center, 16 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	.....	6.12	0.92
		For Walls >10' High, Add	.....	1.22	
		For Curved Wall, Add	.....	0.73	
		For Up To 200, Add	.....	1.71	
		For >200 To 500, Add	.....	0.85	
		For 12" On Center, Add	.....	1.10	
		For 24" On Center, Deduct	.....	-1.10	
05 41 00 00-0011	SF	6" Width, 16" On Center, 16 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	.....	7.74	1.11
		For Walls >10' High, Add	.....	1.55	
		For Curved Wall, Add	.....	0.76	
		For Up To 200, Add	.....	2.06	
		For >200 To 500, Add	.....	1.03	
		For 12" On Center, Add	.....	1.42	
		For 24" On Center, Deduct	.....	-1.42	
05 41 00 00-0012	SF	8" Width, 16" On Center, 16 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	.....	8.54	1.21
		For Walls >10' High, Add	.....	1.71	
		For Curved Wall, Add	.....	0.80	
		For Up To 200, Add	.....	2.24	
		For >200 To 500, Add	.....	1.12	
		For 12" On Center, Add	.....	1.57	
		For 24" On Center, Deduct	.....	-1.57	
05 41 00 00-0013		14 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners			
		(05 41)			
05 41 00 00-0014	SF	3-5/8" Width, 16" On Center, 14 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	.....	6.90	1.26
		For Walls >10' High, Add	.....	1.38	
		For Curved Wall, Add	.....	0.84	
		For Up To 200, Add	.....	1.94	
		For >200 To 500, Add	.....	0.97	
		For 12" On Center, Add	.....	1.24	
		For 24" On Center, Deduct	.....	-1.24	



	Metals	05	
	Cold-Formed Metal Framing	05 40	
	Structural Metal Stud Framing	05 41	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 41 00 00-0015	SF		4" Width, 16" On Center, 14 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners For Walls >10' High, Add For Curved Wall, Add For Up To 200, Add For >200 To 500, Add For 12" On Center, Add For 24" On Center, Deduct	7.09 1.42 0.66 1.99 0.99 1.28 -1.28	1.28
05 41 00 00-0016	SF		6" Width, 16" On Center, 14 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners For Walls >10' High, Add For Curved Wall, Add For Up To 200, Add For >200 To 500, Add For 12" On Center, Add For 24" On Center, Deduct	8.89 1.78 0.90 2.38 1.19 1.63 -1.63	1.35
05 41 00 00-0017	SF		8" Width, 16" On Center, 14 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners For Walls >10' High, Add For Curved Wall, Add For Up To 200, Add For >200 To 500, Add For 12" On Center, Add For 24" On Center, Deduct	9.77 1.95 0.94 2.58 1.29 1.80 -1.80	1.41
05 42 Cold-Formed Metal Joist Framing (05 40)					
05 42 13 Cold-Formed Metal Floor Joist Framing (05 42)					
Note: Floor or roof joist framing					
05 42 13 00-0001 Steel Joists, 20 Gauge (05 42 13)					
05 42 13 00-0002	LF		5-1/2" - 20 Gauge Steel Joists	9.92	2.16
05 42 13 00-0003	LF		6" - 20 Gauge Steel Joists	10.79	2.72
05 42 13 00-0004	LF		7-1/4" - 20 Gauge Steel Joists	11.63	2.98
05 42 13 00-0005	LF		8" - 20 Gauge Steel Joists	13.05	3.17
05 42 13 00-0006 Steel Joists, 18 Gauge (05 42 13)					
05 42 13 00-0007	LF		5-1/2" - 18 Gauge Steel Joists	11.03	2.40
05 42 13 00-0008	LF		6" - 18 Gauge Steel Joists	12.03	3.02
05 42 13 00-0009	LF		7-1/4" - 18 Gauge Steel Joists	13.02	3.31
05 42 13 00-0010	LF		8" - 18 Gauge Steel Joists	13.39	3.51
05 42 13 00-0011 Steel Joists, 16 Gauge (05 42 13)					
05 42 13 00-0012	LF		7-1/4" - 16 Gauge Steel Joists	14.08	3.34
05 42 13 00-0013	LF		8" - 16 Gauge Steel Joists	14.87	3.51
05 42 13 00-0014 Steel Joists, 14 Gauge (05 42 13)					
05 42 13 00-0015	LF		9-1/4" - 14 Gauge Steel Joists	16.81	3.51
05 42 13 00-0016	LF		11-1/2" - 14 Gauge Steel Joists	18.25	3.70
05 42 13 00-0017 Steel Joists, 12 Gauge (05 42 13)					
05 42 13 00-0018	LF		9-1/4" - 12 Gauge Steel Joists	20.00	3.86
05 42 13 00-0019	LF		11-1/2" - 12 Gauge Steel Joists	21.88	4.07
05 42 13 00-0020 Steel Joists, 10 Gauge (05 42 13)					
05 42 13 00-0021	LF		9-1/4" - 10 Gauge Steel Joists	23.26	4.25
05 42 13 00-0022	LF		11-1/2" - 10 Gauge Steel Joists	25.57	4.48
05 42 13 00-0023 Steel Joists, 8 Gauge (05 42 13)					
05 42 13 00-0024	LF		9-1/4" - 8 Gauge Steel Joists	26.57	4.68
05 42 13 00-0025	LF		11-1/2" - 8 Gauge Steel Joists	29.28	4.93
05 42 23 Cold-Formed Metal Roof Joist Framing (05 42)					
See CSI section 05 42 13 00-0000 for metal joist framing.					
05 43 Slotted Channel Framing (05 40)					
05 43 00 00-0001 Unistrut Channel (05 43)					
Note: Excludes fasteners and accessories.					
05 43 00 00-0002 Steel Unistrut Channel (05 43 00 00-0001)					
05 43 00 00-0003	LF		1-5/8" Wide x 1-5/8" High, 12 Gauge, Steel Unistrut Channel For Powder Coating, Add For Galvanizing, Add	11.63 1.01 1.15	2.45
05 43 00 00-0004	LF		1-5/8" Wide x 1-3/8" High, 12 Gauge, Steel Unistrut Channel For Powder Coating, Add For Galvanizing, Add	11.96 1.06 1.20	2.45

05 Metals**05 40 Cold-Formed Metal Framing****05 43 Slotted Channel Framing**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 43 00 00-0005 LF 1-5/8" Wide x 13/16" High, 12 Gauge, Steel Unistrut Channel For Powder Coating, Add For Galvanizing, Add	12.46 1.14 1.29	2.45
05 43 00 00-0006 LF 1-5/8" Wide x 13/16" High, 14 Gauge, Steel Unistrut Channel For Powder Coating, Add For Galvanizing, Add	10.98 0.91 1.04	2.45
05 43 00 00-0007 LF 1-5/8" Wide x 13/16" High, 14 Gauge, Steel Unistrut Channel For Powder Coating, Add For Galvanizing, Add	9.55 0.70 0.79	2.45
05 43 00 00-0008 Stainless Steel Unistrut Channel (05 43 00 00-0001)		
05 43 00 00-0009 304 Stainless Steel Unistrut Channel (05 43 00 00-0008)		
05 43 00 00-0010 LF 1-5/8" Wide x 13/16" High, 14 Gauge, 304 Stainless Steel Unistrut Channel	33.82	2.45
05 43 00 00-0011 LF 1-5/8" Wide x 13/16" High, 12 Gauge, 304 Stainless Steel Unistrut Channel	40.89	2.45
05 43 00 00-0012 LF 1-5/8" Wide x 1-5/8" High, 14 Gauge, 304 Stainless Steel Unistrut Channel	39.13	2.45
05 43 00 00-0013 LF 1-5/8" Wide x 1-5/8" High, 12 Gauge, 304 Stainless Steel Unistrut Channel	50.05	2.45
05 43 00 00-0014 316 Stainless Steel Unistrut Channel (05 43 00 00-0008)		
05 43 00 00-0015 LF 1-5/8" Wide x 13/16" High, 14 Gauge, 316 Stainless Steel Unistrut Channel	56.75	2.45
05 43 00 00-0016 Unistrut Closure Strips (05 43)		
05 43 00 00-0017 LF Steel Raceway Closure Strip For Unistrut Channel	6.15	0.54
05 43 00 00-0018 Lock Nuts With Spring For Unistrut Channel (05 43) Note: Includes hex bolt.		
05 43 00 00-0019 Steel Lock Nuts With Spring For Unistrut Channel (05 43 00 00-0018) Note: Includes hex bolt.		
05 43 00 00-0020 EA 1/4-20, Steel Lock Nut With Spring For Unistrut Channel	7.38	
05 43 00 00-0021 EA 3/8-16, Steel Lock Nut With Spring For Unistrut Channel	8.08	
05 43 00 00-0022 EA 1/2-13, Steel Lock Nut With Spring For Unistrut Channel	8.60	
05 43 00 00-0023 EA 5/8-11, Steel Lock Nut With Spring For Unistrut Channel	11.42	
05 43 00 00-0024 Stainless Steel Lock Nuts With Spring For Unistrut Channel (05 43 00 00-0018) Note: Includes hex bolt.		
05 43 00 00-0025 EA 1/4-20, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel	18.70	
05 43 00 00-0026 EA 3/8-16, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel	20.00	
05 43 00 00-0027 EA 1/2-13, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel	28.89	
05 43 00 00-0028 EA 5/8-11, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel	50.42	
05 43 00 00-0029 Lock Nuts Without Spring For Unistrut Channel (05 43) Note: Includes hex bolt.		
05 43 00 00-0030 Steel Lock Nuts Without Spring For Unistrut Channel (05 43 00 00-0029) Note: Includes hex bolt.		
05 43 00 00-0031 EA 1/4-20, Steel Lock Nut Without Spring For Unistrut Channel	7.40	
05 43 00 00-0032 EA 3/8-16, Steel Lock Nut Without Spring For Unistrut Channel	8.18	
05 43 00 00-0033 EA 1/2-13, Steel Lock Nut Without Spring For Unistrut Channel	8.64	
05 43 00 00-0034 EA 5/8-11, Steel Lock Nut Without Spring For Unistrut Channel	12.23	
05 43 00 00-0035 Stainless Steel Lock Nuts Without Spring For Unistrut Channel (05 43 00 00-0029) Note: Includes hex bolt.		
05 43 00 00-0036 EA 1/4-20, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel	13.00	
05 43 00 00-0037 EA 3/8-16, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel	15.97	
05 43 00 00-0038 EA 1/2-13, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel	17.53	
05 43 00 00-0039 EA 5/8-11, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel	49.08	
05 43 00 00-0040 Beam Clamp For Unistrut Channel (05 43)		
05 43 00 00-0041 EA 1-5/8" Channel, P2675 Unistrut Beam Clamp	24.26	8.13
05 43 00 00-0042 EA 1-5/8" Channel, P2676 Unistrut Beam Clamp	31.71	8.13
05 43 00 00-0043 EA Add For Unistrut Swivel Nut, P2676	4.06	
05 43 00 00-0044 Beam Clamp Clevis Hangers For Unistrut Channel (05 43)		
05 43 00 00-0045 EA Up To 3/8" Rod, Beam Clamp Clevis Hanger (Unistrut P2674)	26.84	8.13
05 43 00 00-0046 EA Up To 1/2" Rod, Beam Clamp Clevis Hanger (Unistrut P2677)	32.78	8.13
05 43 00 00-0047 EA Add For Unistrut Swivel Nut	4.06	
05 43 00 00-0048 EA 6-Hole Electrogalvanized Steel Shelf Bracket For Unistrut	179.55	10.83
05 43 00 00-0049 Pipe And Rigid Conduit Clamps (05 43)		



		Metals	05	05
		Cold-Formed Metal Framing	05 40	
		Slotted Channel Framing	05 43	

MINOR CSI UOM DESCRIPTION		TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 43 00 00-0050 Pipe And Rigid Conduit Clamps (05 43 00 00-0049) Note: Includes stainless steel (316) hardware.			
05 43 00 00-0051	PR 1/2" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware.....	7.03	2.34
05 43 00 00-0052	PR 3/4" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware.....	7.17	2.34
05 43 00 00-0053	PR 1" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware.....	8.32	2.83
05 43 00 00-0054	PR 1-1/4" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware.....	8.82	3.08
05 43 00 00-0055	PR 1-1/2" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware.....	11.08	3.45
05 43 00 00-0056	PR 2" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware.....	11.08	3.45
05 43 00 00-0057	PR 2-1/2" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware.....	17.15	5.78
05 43 00 00-0058	PR 3" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware.....	17.44	5.78
05 43 00 00-0059	PR 3-1/2" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware.....	18.69	6.39
05 43 00 00-0060	PR 4" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware.....	20.66	6.89
05 43 00 00-0061 Pipe And Rigid Conduit Clamps (05 43 00 00-0049) Note: Includes nylon hardware.			
05 43 00 00-0062	PR 1/2" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware.....	11.57	2.34
05 43 00 00-0063	PR 3/4" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware.....	11.99	2.34
05 43 00 00-0064	PR 1" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware.....	13.14	2.83
05 43 00 00-0065	PR 1-1/4" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware.....	13.82	3.08
05 43 00 00-0066	PR 1-1/2" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware.....	18.89	3.45
05 43 00 00-0067	PR 2" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware.....	18.89	3.45
05 43 00 00-0068	PR 2-1/2" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware.....	27.69	5.78
05 43 00 00-0069	PR 3" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware.....	28.52	5.78
05 43 00 00-0070	PR 3-1/2" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware.....	29.95	6.39
05 43 00 00-0071	PR 4" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware.....	33.47	6.89
05 43 00 00-0072 Accessories For Unistrut Channel (05 43) Note: Includes straight or angled post mounting and fasteners.			
05 43 00 00-0073	EA Trolley Truck Hanger, 1-5/8" Channel P1834.....	58.75	8.13
05 43 00 00-0074	EA Flat Plate Fitting, One Hole, 1-5/8" Channel P1064.....	14.38	5.42
05 43 00 00-0075	EA 60 Degree Angle, 1-5/8" Channel P2097.....	15.08	5.42
05 43 00 00-0076 Bases For Unistrut Channel (05 43) Note: Includes straight or angled post mounting and fasteners.			
05 43 00 00-0077 Steel Bases For Unistrut Channel (05 43 00 00-0076) Note: Includes straight or angled post mounting and fasteners.			
05 43 00 00-0078	EA 6" x 6", 1-5/8" Height, Single Post, Steel Base For Unistrut Channel.....	118.03	27.09
05 43 00 00-0079	EA 6" x 6", 3-1/2" Height, Single Post, Steel Base For Unistrut Channel.....	119.58	27.09
05 43 00 00-0080	EA 6" x 6", 1-5/8" Height, Double Post, Steel Base For Unistrut Channel.....	169.91	27.09
05 43 00 00-0081	EA 6" x 6", 3-1/2" Height, Double Post, Steel Base For Unistrut Channel.....	140.61	27.09
05 43 00 00-0082 Stainless Steel Bases For Unistrut Channel (05 43 00 00-0076) Note: Includes straight or angled post mounting and fasteners.			
05 43 00 00-0083	EA 6" x 6", 1-5/8" Height, Single Post, 304 Stainless Steel Base For Unistrut Channel.....	228.49	27.09
05 43 00 00-0084	EA 6" x 6", 3-1/2" Height, Single Post, 304 Stainless Steel Base For Unistrut Channel.....	416.66	27.09
05 43 00 00-0085	EA 6" x 6", 3-1/2" Height, Double Post, 304 Stainless Steel Base For Unistrut Channel.....	316.92	27.09
05 43 00 00-0086	EA 6" x 6", 1-5/8" Height, Single Post, 316 Stainless Steel Base For Unistrut Channel.....	469.13	27.09
05 43 00 00-0087	EA 6" x 6", 3-1/2" Height, Double Post, 316 Stainless Steel Base For Unistrut Channel.....	412.26	27.09
05 44 Cold-Formed Metal Trusses (05 44) 05 44 13 Cold-Formed Metal Roof Trusses (05 44) 05 44 13 00-0001 Metal Trusses (05 44 13) 05 44 13 00-0002 4:12 Pitch Metal Trusses (05 44 13 00-0001)			
05 44 13 00-0003	EA 28' Metal Trusses, 18 Gauge, 6" Chords, 4:12 Pitch.....	566.36	110.62
	For 4" Chords, Deduct	-103.93	
	For 14 Gauge, Add	139.07	
	For 16 Gauge, Add	54.11	
05 44 13 00-0004	EA 30' Metal Trusses, 18 Gauge, 6" Chords, 4:12 Pitch.....	588.83	111.59
	For 4" Chords, Deduct	-110.62	
	For 14 Gauge, Add	145.71	
	For 16 Gauge, Add	57.39	
05 44 13 00-0005	EA 32' Metal Trusses, 18 Gauge, 6" Chords, 4:12 Pitch.....	606.40	112.57
	For 4" Chords, Deduct	-115.68	
	For 14 Gauge, Add	150.84	
	For 16 Gauge, Add	59.88	
05 44 13 00-0006	EA 34' Metal Trusses, 18 Gauge, 6" Chords, 4:12 Pitch.....	642.65	118.13
	For 4" Chords, Deduct	-123.47	
	For 14 Gauge, Add	160.24	
	For 16 Gauge, Add	63.84	
05 44 13 00-0007	EA 36' Metal Trusses, 18 Gauge, 6" Chords, 4:12 Pitch.....	674.02	123.72
	For 4" Chords, Deduct	-129.64	
	For 14 Gauge, Add	168.12	
	For 16 Gauge, Add	67.02	

05 Metals**05 40 Cold-Formed Metal Framing****05 44 Cold-Formed Metal Trusses**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 44 13 00-0008	EA		38' Metal Trusses, 18 Gauge, 6" Chords, 4:12 Pitch	692.20	124.89
			For 4" Chords, Deduct	-134.76	
			For 14 Gauge, Add	173.37	
			For 16 Gauge, Add	69.54	
05 44 13 00-0009	EA		40' Metal Trusses, 18 Gauge, 6" Chords, 4:12 Pitch	715.28	126.06
			For 4" Chords, Deduct	-141.49	
			For 14 Gauge, Add	180.14	
			For 16 Gauge, Add	72.84	
05 44 13 00-0010	EA		42' Metal Trusses, 18 Gauge, 6" Chords, 4:12 Pitch	748.84	132.38
			For 4" Chords, Deduct	-147.84	
			For 14 Gauge, Add	188.46	
			For 16 Gauge, Add	76.13	
05 44 13 00-0011	EA		44' Metal Trusses, 18 Gauge, 6" Chords, 4:12 Pitch	787.28	138.67
			For 4" Chords, Deduct	-155.80	
			For 14 Gauge, Add	198.30	
			For 16 Gauge, Add	80.20	
05 44 13 00-0012	EA		46' Metal Trusses, 18 Gauge, 6" Chords, 4:12 Pitch	820.86	144.98
			For 4" Chords, Deduct	-162.15	
			For 14 Gauge, Add	206.63	
			For 16 Gauge, Add	83.50	
05 44 13 00-0013	EA		48' Metal Trusses, 18 Gauge, 6" Chords, 4:12 Pitch	859.31	151.27
			For 4" Chords, Deduct	-170.11	
			For 14 Gauge, Add	216.46	
			For 16 Gauge, Add	87.57	
05 44 13 00-0014			5:12 To 6:12 Pitch Metal Trusses (05 44 13 00-0001)		
05 44 13 00-0015	EA		28' Metal Trusses, 18 Gauge, 6" Chords, 5:12 To 6:12 Pitch	681.64	137.65
			For 4" Chords, Deduct	-121.70	
			For 14 Gauge, Add	165.88	
			For 16 Gauge, Add	63.64	
05 44 13 00-0016	EA		30' Metal Trusses, 18 Gauge, 6" Chords, 5:12 To 6:12 Pitch	705.14	138.97
			For 4" Chords, Deduct	-128.47	
			For 14 Gauge, Add	172.73	
			For 16 Gauge, Add	66.96	
05 44 13 00-0017	EA		32' Metal Trusses, 18 Gauge, 6" Chords, 5:12 To 6:12 Pitch	728.63	140.29
			For 4" Chords, Deduct	-135.23	
			For 14 Gauge, Add	179.58	
			For 16 Gauge, Add	70.29	
05 44 13 00-0018	EA		34' Metal Trusses, 18 Gauge, 6" Chords, 5:12 To 6:12 Pitch	775.86	149.51
			For 4" Chords, Deduct	-143.90	
			For 14 Gauge, Add	191.18	
			For 16 Gauge, Add	74.80	
05 44 13 00-0019	EA		36' Metal Trusses, 18 Gauge, 6" Chords, 5:12 To 6:12 Pitch	823.10	158.75
			For 4" Chords, Deduct	-152.56	
			For 14 Gauge, Add	202.77	
			For 16 Gauge, Add	79.31	
05 44 13 00-0020	EA		38' Metal Trusses, 18 Gauge, 6" Chords, 5:12 To 6:12 Pitch	741.06	160.41
			For 4" Chords, Deduct	-150.88	
			For 14 Gauge, Add	188.52	
			For 16 Gauge, Add	77.36	
05 44 13 00-0021	EA		40' Metal Trusses, 18 Gauge, 6" Chords, 5:12 To 6:12 Pitch	872.19	162.08
			For 4" Chords, Deduct	-166.26	
			For 14 Gauge, Add	216.89	
			For 16 Gauge, Add	86.06	
05 44 13 00-0022	EA		42' Metal Trusses, 18 Gauge, 6" Chords, 5:12 To 6:12 Pitch	916.05	170.19
			For 4" Chords, Deduct	-174.65	
			For 14 Gauge, Add	227.81	
			For 16 Gauge, Add	90.41	
05 44 13 00-0023	EA		44' Metal Trusses, 18 Gauge, 6" Chords, 5:12 To 6:12 Pitch	959.90	178.30
			For 4" Chords, Deduct	-183.05	
			For 14 Gauge, Add	238.73	
			For 16 Gauge, Add	94.75	
05 44 13 00-0024	EA		46' Metal Trusses, 18 Gauge, 6" Chords, 5:12 To 6:12 Pitch	1,003.76	186.39
			For 4" Chords, Deduct	-191.44	
			For 14 Gauge, Add	249.65	
			For 16 Gauge, Add	99.09	
05 44 13 00-0025	EA		48' Metal Trusses, 18 Gauge, 6" Chords, 5:12 To 6:12 Pitch	1,047.61	194.50
			For 4" Chords, Deduct	-199.83	
			For 14 Gauge, Add	260.57	
			For 16 Gauge, Add	103.43	

05 45 Metal Support Assemblies (05 40)**05 45 13 Mechanical Metal Supports** (05 45)

See CSI section 23 05 29 00-0000 for metal supports.

05 45 16 Electrical Metal Supports (05 45)

See CSI section 26 05 29 00-0000 for metal supports.

05 50 Metal Fabrications (05)**05 51 Metal Stairs** (05 50)**05 51 13 Metal Pan Stairs** (05 51)



		Metals	05	05
		Metal Fabrications	05 50	
		Metal Stairs	05 51	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
Note: Open concrete filled metal pan stair and landing including steel stringer, safety nosing and concrete. Excludes handrail. See CSI section 05 52 13 00-0000 for handrails.		
05 51 13 00-0001 Open Concrete Filled Metal Pan Stair And Landing (05 51 13) Note: Includes steel stringer, safety nosing and concrete. Excludes handrail.		
05 51 13 00-0002 RSR 3'-6" Wide Open Concrete Filled Metal Pan Tread Stair For Closed Riser, Add	1,153.84 134.13	31.56
05 51 13 00-0003 RSR 4'-0" Wide Open Concrete Filled Metal Pan Tread Stair For Closed Riser, Add	1,310.47 152.21	36.82
05 51 13 00-0004 RSR 5'-0" Wide Open Concrete Filled Metal Pan Tread Stair For Closed Riser, Add	1,458.29 169.08	43.13
05 51 13 00-0005 SF Concrete Filled Steel Pan Landing Note: Conventional shape.	83.37	5.26
05 51 19 Metal Grating Stairs (05 51) Note: Open steel grating tread metal stair and landing including steel stringers, safety nosing and 2 pipe handrail.		
05 51 19 00-0001 Open Steel Grating Tread Metal Stair And Landing (05 51 19) Note: Includes steel stringers, safety nosing and 2 pipe handrail.		
05 51 19 00-0002 RSR 3'-6" Wide Open Steel Grating Tread Metal Stair For Closed Riser, Add For Galvanized Steel, Add	551.99 67.13 116.96	42.08
05 51 19 00-0003 RSR 4'-0" Wide Open Steel Grating Tread Metal Stair For Closed Riser, Add For Galvanized Steel, Add	586.89 70.97 122.53	48.39
05 51 19 00-0004 RSR 5'-0" Wide Open Steel Grating Tread Metal Stair For Closed Riser, Add For Galvanized Steel, Add	648.28 78.03 133.67	56.81
05 51 19 00-0005 SF Steel Grating Landing With Framing And 2 Pipe Handrail Note: Conventional shape. For Galvanized Steel, Add	101.24 20.05	5.26
05 51 33 Metal Ladders (05 51) Note: Includes factory prime.		
05 51 33 13 Vertical Metal Ladders (05 51 33) Note: Climbing rungs are 3/4" corrugated steel round rungs on 12" centers. Stand-off brackets are 7"		
05 51 33 13-0001 Vertical Ladders (05 51 33 13) Note: Climbing rungs are 3/4" corrugated steel round rungs on 12" centers. Stand-off brackets are 7"		
05 51 33 13-0002 VLF 20" Wide Fixed Vertical Steel Ladder Primed For Galvanized Steel, Add For Aluminum, Add	101.85 15.56 31.13	12.62
05 51 33 13-0003 VLF 24" Wide Fixed Vertical Steel Ladder Primed For Galvanized Steel, Add For Aluminum, Add	117.63 19.51 39.02	12.62
05 51 33 13-0004 VLF 20" Wide Fixed Vertical Steel Caged Ladder Primed For Galvanized Steel, Add For Aluminum, Add	247.89 45.21 90.42	21.04
05 51 33 13-0005 VLF 24" Wide Fixed Vertical Steel Caged Ladder Primed For Galvanized Steel, Add For Aluminum, Add	279.44 53.10 106.20	21.04
05 51 33 13-0006 Vertical Ladders Options (05 51 33 13)		
05 51 33 13-0007 EA 20" Wide Vertical Steel Ladder Walk-Thru Handrails, Primed Note: Extends 42" above landing surface. Includes mounting bracket. For Galvanized Steel, Add For Aluminum, Add	423.69 86.20 172.40	39.45
05 51 33 13-0008 EA 24" Wide Vertical Steel Ladder Walk-Thru Handrails, Primed Note: Extends 42" above landing surface. Includes mounting bracket. For Galvanized Steel, Add For Aluminum, Add	464.43 95.07 190.14	42.08
05 51 33 13-0009 EA Security Cage Entry Gate With Lockable Hasp	519.26	13.15
05 51 33 13-0010 EA 6' Powder Coated, Security Ladder Guard	1,382.30	78.90
05 51 33 13-0011 EA 8' Powder Coated, Security Ladder Guard	1,654.50	92.04
05 51 33 13-0012 EA Safety Chain Attachment	254.28	
05 51 33 13-0013 Welded Steel Ladder Cages (05 51 33 13) Note: For existing fixed ladders up to 20" wide. Excludes the ladder.		
05 51 33 13-0014 Powder Coated, Welded Steel Ladder Cages (05 51 33 13-0013)		
05 51 33 13-0015 EA 7'-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,340.93	157.79
05 51 33 13-0016 EA 8'-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,545.82	163.05
05 51 33 13-0017 EA 9'-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,708.45	168.31
05 51 33 13-0018 EA 10'-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,882.35	173.56
05 51 33 13-0019 EA 11'-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,983.01	178.83
05 51 33 13-0020 EA 12'-1/2' Length, Powder Coated, Welded Steel Ladder Cage	3,148.46	184.08
05 51 33 13-0021 EA 13'-1/2' Length, Powder Coated, Welded Steel Ladder Cage	3,294.18	189.35
05 51 33 13-0022 EA 14'-1/2' Length, Powder Coated, Welded Steel Ladder Cage	3,484.98	194.61
05 51 33 13-0023 EA 15'-1/2' Length, Powder Coated, Welded Steel Ladder Cage	3,670.15	199.87
05 51 33 13-0024 EA 16'-1/2' Length, Powder Coated, Welded Steel Ladder Cage	3,821.52	205.13
05 51 33 13-0025 EA 17'-1/2' Length, Powder Coated, Welded Steel Ladder Cage	4,006.68	210.39

05 Metals**05 50 Metal Fabrications****05 51 Metal Stairs**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 51 33 13-0026 EA 18-1/2' Length, Powder Coated, Welded Steel Ladder Cage	4,186.22	215.65
05 51 33 13-0027 EA 19-1/2' Length, Powder Coated, Welded Steel Ladder Cage	4,362.93	220.90
05 51 33 13-0028 EA 20-1/2' Length, Powder Coated, Welded Steel Ladder Cage	4,686.13	226.17
05 51 33 13-0029 EA 21-1/2' Length, Powder Coated, Welded Steel Ladder Cage	4,781.15	231.42
05 51 33 13-0030 EA 22-1/2' Length, Powder Coated, Welded Steel Ladder Cage	4,946.61	236.69
05 51 33 13-0031 EA 23-1/2' Length, Powder Coated, Welded Steel Ladder Cage	5,097.97	241.94
05 51 33 13-0032 EA 24-1/2' Length, Powder Coated, Welded Steel Ladder Cage	5,238.07	247.21
05 51 33 13-0033 EA 25-1/2' Length, Powder Coated, Welded Steel Ladder Cage	5,552.81	252.46
05 51 33 13-0034 EA 26-1/2' Length, Powder Coated, Welded Steel Ladder Cage	5,721.08	257.72
05 51 33 13-0035 EA 27-1/2' Length, Powder Coated, Welded Steel Ladder Cage	5,878.08	262.98

05 51 33 13-0036 Welded Stainless Steel Ladder Cages (05 51 33 13-0013)

05 51 33 13-0037 EA 7-1/2' Length, Welded Stainless Steel Ladder Cage	5,926.84	157.79
05 51 33 13-0038 EA 8-1/2' Length, Welded Stainless Steel Ladder Cage	6,334.55	163.05
05 51 33 13-0039 EA 9-1/2' Length, Welded Stainless Steel Ladder Cage	7,015.49	168.31
05 51 33 13-0040 EA 10-1/2' Length, Welded Stainless Steel Ladder Cage	7,349.95	173.56
05 51 33 13-0041 EA 11-1/2' Length, Welded Stainless Steel Ladder Cage	7,630.90	178.83
05 51 33 13-0042 EA 12-1/2' Length, Welded Stainless Steel Ladder Cage	8,004.80	184.08
05 51 33 13-0043 EA 13-1/2' Length, Welded Stainless Steel Ladder Cage	8,680.09	189.35
05 51 33 13-0044 EA 14-1/2' Length, Welded Stainless Steel Ladder Cage	9,020.19	194.61
05 51 33 13-0045 EA 15-1/2' Length, Welded Stainless Steel Ladder Cage	9,371.56	199.87
05 51 33 13-0046 EA 16-1/2' Length, Welded Stainless Steel Ladder Cage	9,756.72	205.13
05 51 33 13-0047 EA 17-1/2' Length, Welded Stainless Steel Ladder Cage	10,446.12	210.39
05 51 33 13-0048 EA 18-1/2' Length, Welded Stainless Steel Ladder Cage	10,789.03	215.65
05 51 33 13-0049 EA 19-1/2' Length, Welded Stainless Steel Ladder Cage	11,115.04	220.90
05 51 33 13-0050 EA 20-1/2' Length, Welded Stainless Steel Ladder Cage	11,657.96	226.17
05 51 33 13-0051 EA 21-1/2' Length, Welded Stainless Steel Ladder Cage	12,268.47	231.42
05 51 33 13-0052 EA 22-1/2' Length, Welded Stainless Steel Ladder Cage	12,605.76	236.69
05 51 33 13-0053 EA 23-1/2' Length, Welded Stainless Steel Ladder Cage	12,951.49	241.94
05 51 33 13-0054 EA 24-1/2' Length, Welded Stainless Steel Ladder Cage	13,274.69	247.21
05 51 33 13-0055 EA 25-1/2' Length, Welded Stainless Steel Ladder Cage	14,110.56	252.46
05 51 33 13-0056 EA 26-1/2' Length, Welded Stainless Steel Ladder Cage	14,433.75	257.72
05 51 33 13-0057 EA 27-1/2' Length, Welded Stainless Steel Ladder Cage	14,765.40	262.98

05 51 33 16 Inclined Metal Ladders (05 51 33)**05 51 33 16-0001 Industrial Ship Ladder, Incline Stairs (05 51 33 16)**

Note: Includes factory prime.

05 51 33 16-0002 RSR 3' Wide Industrial Steel Ship Ladder With 2 Rails Each Side	385.21	52.59
For Aluminum, Add	140.01	

05 51 33 23 Alternating Tread Ladders (05 51 33)**05 51 33 23-0001 Vertical Ladders With Alternating Tread (05 51 33 23)**

05 51 33 23-0002 EA 4' Vertical Height Aluminum Alternating Tread Ladder	2,713.88	157.79
For Stainless Steel, Add	262.55	
For Primed Steel, Deduct	-218.79	
05 51 33 23-0003 EA 5' Vertical Height Aluminum Alternating Tread Ladder	3,120.32	167.26
For Stainless Steel, Add	319.91	
For Primed Steel, Deduct	-249.53	
05 51 33 23-0004 EA 6' Vertical Height Aluminum Alternating Tread Ladder	3,482.50	167.26
For Stainless Steel, Add	379.79	
For Primed Steel, Deduct	-277.54	
05 51 33 23-0005 EA 7' Vertical Height Aluminum Alternating Tread Ladder	3,957.75	210.18
For Stainless Steel, Add	439.62	
For Primed Steel, Deduct	-301.22	
05 51 33 23-0006 EA 8' Vertical Height Aluminum Alternating Tread Ladder	4,359.25	217.62
For Stainless Steel, Add	508.73	
For Primed Steel, Deduct	-327.04	
05 51 33 23-0007 EA 9' Vertical Height Aluminum Alternating Tread Ladder	4,679.27	217.62
For Stainless Steel, Add	573.30	
For Primed Steel, Deduct	-345.96	
05 51 33 23-0008 EA 10' Vertical Height Aluminum Alternating Tread Ladder	5,134.89	242.76
For Stainless Steel, Add	648.86	
For Primed Steel, Deduct	-367.69	
05 51 33 23-0009 EA 11' Vertical Height Aluminum Alternating Tread Ladder	5,493.45	242.76
For Stainless Steel, Add	726.06	
For Primed Steel, Deduct	-386.45	
05 51 33 23-0010 EA 12' Vertical Height Aluminum Alternating Tread Ladder	5,772.41	242.76
For Stainless Steel, Add	794.12	
For Primed Steel, Deduct	-397.06	

05 52 Metal Railings (05 50)**05 52 13 Pipe and Tube Railings (05 52)**

Note: Includes embedded steel sleeves, grouting, connection bolts (where necessary) and drilling of bolt (where necessary).

05 52 13 00-0001 Welded Steel Pipe Railing (05 52 13)

Note: Includes field welds and touch-up of welds.



		Metals	05	05
		Metal Fabrications	05 50	
		Metal Railings	05 52	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0002			One Rail, Up To 42" High, Welded Steel Pipe Railings (05 52 13 00-0001) Note: Includes factory primed posts and one rail.		
05 52 13 00-0003	LF		1" Diameter, Schedule 40, One Rail, Up To 42" High, Welded Steel Pipe Railing.....	36.64	10.52
			For Schedule 80 Handrail, Add	7.74	
			For 11 Gauge A513 Steel Tubing, Deduct	-3.43	
			For 12 Gauge A513 Steel Tubing, Deduct	-3.90	
			For 14 Gauge A513 Steel Tubing, Deduct	-5.15	
			For 16 Gauge A513 Steel Tubing, Deduct	-6.08	
			For Additional Off Set Handrail, ADA Attachment, Add	13.57	
			For Aluminum, Satin Finish, Add	6.55	
			For Aluminum, Clear Anodized Finish, Add	10.14	
			For Aluminum, Dark Anodized Finish, Add	11.70	
			For Galvanizing, Add	6.24	
			For Wrought Iron, Add	3.66	
			For Solid Steel Rails, Add	7.33	
			For 304 Stainless Steel, Add	49.92	
			For 316 Stainless Steel, Add	56.16	
			For 2" Wheel Guard, Add	1.48	
			For 4" High Kick Plate, Add	1.95	
			For 6" High Kick Plate, Add	3.12	
			For Curved Rail, Add	15.67	
			For Mounting On Stairs, Add	10.99	
			For Mounting On Slopes, Add	3.66	
			For Post Base Flange With Screws, Add Per Post	19.60	
			For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	29.66	
			For Custom Design Or Shapes (Square Tops, etc), Add	13.06	
			For Nylon Coating, Add	2.34	
05 52 13 00-0004	LF		1-1/4" Diameter, Schedule 40, One Rail, Up To 42" High, Welded Steel Pipe Railing.....	39.33	10.52
			For Schedule 80 Handrail, Add	13.33	
			For 11 Gauge A513 Steel Tubing, Deduct	-4.02	
			For 12 Gauge A513 Steel Tubing, Deduct	-4.57	
			For 14 Gauge A513 Steel Tubing, Deduct	-6.04	
			For 16 Gauge A513 Steel Tubing, Deduct	-7.13	
			For Additional Off Set Handrail, ADA Attachment, Add	15.18	
			For Aluminum, Satin Finish, Add	7.68	
			For Aluminum, Clear Anodized Finish, Add	11.89	
			For Aluminum, Dark Anodized Finish, Add	13.72	
			For Galvanizing, Add	7.32	
			For Wrought Iron, Add	3.93	
			For Solid Steel Rails, Add	7.87	
			For 304 Stainless Steel, Add	58.53	
			For 316 Stainless Steel, Add	65.84	
			For 2" Wheel Guard, Add	1.74	
			For 4" High Kick Plate, Add	2.29	
			For 6" High Kick Plate, Add	3.66	
			For Curved Rail, Add	17.29	
			For Mounting On Stairs, Add	11.80	
			For Mounting On Slopes, Add	3.93	
			For Post Base Flange With Screws, Add Per Post	19.60	
			For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	29.66	
			For Custom Design Or Shapes (Square Tops, etc), Add	14.41	
			For Nylon Coating, Add	2.74	
05 52 13 00-0005	LF		1-1/2" Diameter, Schedule 40, One Rail, Up To 42" High, Welded Steel Pipe Railing.....	42.02	10.52
			For Schedule 80 Handrail, Add	13.33	
			For 11 Gauge A513 Steel Tubing, Deduct	-4.62	
			For 12 Gauge A513 Steel Tubing, Deduct	-5.25	
			For 14 Gauge A513 Steel Tubing, Deduct	-6.92	
			For 16 Gauge A513 Steel Tubing, Deduct	-8.18	
			For Additional Off Set Handrail, ADA Attachment, Add	16.80	
			For Aluminum, Satin Finish, Add	8.81	
			For Aluminum, Clear Anodized Finish, Add	13.64	
			For Aluminum, Dark Anodized Finish, Add	15.74	
			For Galvanizing, Add	8.39	
			For Wrought Iron, Add	4.20	
			For Solid Steel Rails, Add	8.40	
			For 304 Stainless Steel, Add	67.14	
			For 316 Stainless Steel, Add	75.53	
			For 2" Wheel Guard, Add	1.99	
			For 4" High Kick Plate, Add	2.62	
			For 6" High Kick Plate, Add	4.20	
			For Curved Rail, Add	18.90	
			For Mounting On Stairs, Add	12.61	
			For Mounting On Slopes, Add	4.20	
			For Post Base Flange With Screws, Add Per Post	19.60	
			For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	29.66	
			For Custom Design Or Shapes (Square Tops, etc), Add	15.75	
			For Nylon Coating, Add	3.15	

05 Metals**05 50 Metal Fabrications****05 52 Metal Railings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0006	LF		2" Diameter, Schedule 40, One Rail, Up To 42" High, Welded Steel Pipe Railing.....	46.68	10.52
			For Schedule 80 Handrail, Add	15.59	
			For 11 Gauge A513 Steel Tubing, Deduct	-5.64	
			For 12 Gauge A513 Steel Tubing, Deduct	-6.41	
			For 14 Gauge A513 Steel Tubing, Deduct	-8.46	
			For 16 Gauge A513 Steel Tubing, Deduct	-10.00	
			For Additional Off Set Handrail, ADA Attachment, Add	19.59	
			For Aluminum, Satin Finish, Add	10.77	
			For Aluminum, Clear Anodized Finish, Add	16.67	
			For Aluminum, Dark Anodized Finish, Add	19.23	
			For Galvanizing, Add	10.26	
			For Wrought Iron, Add	4.67	
			For Solid Steel Rails, Add	9.34	
			For 304 Stainless Steel, Add	82.05	
			For 316 Stainless Steel, Add	92.30	
			For 2" Wheel Guard, Add	2.44	
			For 4" High Kick Plate, Add	3.21	
			For 6" High Kick Plate, Add	5.13	
			For Curved Rail, Add	21.70	
			For Mounting On Stairs, Add	14.00	
			For Mounting On Slopes, Add	4.67	
			For Post Base Flange With Screws, Add Per Post	19.60	
			For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	29.66	
			For Custom Design Or Shapes (Square Tops, etc), Add	18.08	
			For Nylon Coating, Add	3.85	
05 52 13 00-0007	LF		2-1/2" Diameter, Schedule 40, One Rail, Up To 42" High, Welded Steel Pipe Railing	52.27	10.52
			For Schedule 80 Handrail, Add	17.88	
			For 11 Gauge A513 Steel Tubing, Deduct	-6.87	
			For 12 Gauge A513 Steel Tubing, Deduct	-7.81	
			For 14 Gauge A513 Steel Tubing, Deduct	-10.31	
			For 16 Gauge A513 Steel Tubing, Deduct	-12.18	
			For Additional Off Set Handrail, ADA Attachment, Add	22.95	
			For Aluminum, Satin Finish, Add	13.12	
			For Aluminum, Clear Anodized Finish, Add	20.30	
			For Aluminum, Dark Anodized Finish, Add	23.42	
			For Galvanizing, Add	12.49	
			For Wrought Iron, Add	5.23	
			For Solid Steel Rails, Add	10.45	
			For 304 Stainless Steel, Add	99.94	
			For 316 Stainless Steel, Add	112.43	
			For 2" Wheel Guard, Add	2.97	
			For 4" High Kick Plate, Add	3.90	
			For 6" High Kick Plate, Add	6.25	
			For Curved Rail, Add	25.05	
			For Mounting On Stairs, Add	15.68	
			For Mounting On Slopes, Add	5.23	
			For Post Base Flange With Screws, Add Per Post	19.60	
			For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	29.66	
			For Custom Design Or Shapes (Square Tops, etc), Add	20.88	
			For Nylon Coating, Add	4.68	
05 52 13 00-0008			Two Rail, Up To 42" High, Welded Steel Pipe Railings (05 52 13 00-0001)		
			Note: Includes factory primed posts and two rails.		
05 52 13 00-0009	LF		1" Diameter, Schedule 40, Two Rail, Up To 42" High, Welded Steel Pipe Railing.....	49.64	10.52
			For Schedule 80 Handrail, Add	7.74	
			For 11 Gauge A513 Steel Tubing, Deduct	-6.29	
			For 12 Gauge A513 Steel Tubing, Deduct	-7.15	
			For 14 Gauge A513 Steel Tubing, Deduct	-9.44	
			For 16 Gauge A513 Steel Tubing, Deduct	-11.15	
			For Additional Off Set Handrail, ADA Attachment, Add	13.57	
			For Aluminum, Satin Finish, Add	12.01	
			For Aluminum, Clear Anodized Finish, Add	18.59	
			For Aluminum, Dark Anodized Finish, Add	21.45	
			For Galvanizing, Add	11.44	
			For Wrought Iron, Add	4.96	
			For Solid Steel Rails, Add	9.93	
			For 304 Stainless Steel, Add	91.52	
			For 316 Stainless Steel, Add	102.96	
			For 2" Wheel Guard, Add	2.72	
			For 4" High Kick Plate, Add	3.58	
			For 6" High Kick Plate, Add	5.72	
			For Curved Rail, Add	23.47	
			For Mounting On Stairs, Add	14.89	
			For Mounting On Slopes, Add	4.96	
			For Post Base Flange With Screws, Add Per Post	19.60	
			For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	29.66	
			For Custom Design Or Shapes (Square Tops, etc), Add	19.56	
			For Nylon Coating, Add	4.29	



	Metals	05	05
	Metal Fabrications	05 50	
	Metal Railings	05 52	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52	13 00-0010	LF	1-1/4" Diameter, Schedule 40, Two Rail, Up To 42" High, Welded Steel Pipe Railing	54.57	10.52
			For Schedule 80 Handrail, Add	13.33	
			For 11 Gauge A513 Steel Tubing, Deduct	-7.38	
			For 12 Gauge A513 Steel Tubing, Deduct	-8.38	
			For 14 Gauge A513 Steel Tubing, Deduct	-11.06	
			For 16 Gauge A513 Steel Tubing, Deduct	-13.08	
			For Additional Off Set Handrail, ADA Attachment, Add	15.18	
			For Aluminum, Satin Finish, Add	14.08	
			For Aluminum, Clear Anodized Finish, Add	21.79	
			For Aluminum, Dark Anodized Finish, Add	25.15	
			For Galvanizing, Add	13.41	
			For Wrought Iron, Add	5.46	
			For Solid Steel Rails, Add	10.91	
			For 304 Stainless Steel, Add	107.30	
			For 316 Stainless Steel, Add	120.71	
			For 2" Wheel Guard, Add	3.19	
			For 4" High Kick Plate, Add	4.19	
			For 6" High Kick Plate, Add	6.71	
			For Curved Rail, Add	26.43	
			For Mounting On Stairs, Add	16.37	
			For Mounting On Slopes, Add	5.46	
			For Post Base Flange With Screws, Add Per Post	19.60	
			For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	29.66	
			For Custom Design Or Shapes (Square Tops, etc), Add	22.03	
			For Nylon Coating, Add	5.03	
05 52	13 00-0011	LF	1-1/2" Diameter, Schedule 40, Two Rail, Up To 42" High, Welded Steel Pipe Railing	59.50	10.52
			For Schedule 80 Handrail, Add	13.33	
			For 11 Gauge A513 Steel Tubing, Deduct	-8.46	
			For 12 Gauge A513 Steel Tubing, Deduct	-9.62	
			For 14 Gauge A513 Steel Tubing, Deduct	-12.69	
			For 16 Gauge A513 Steel Tubing, Deduct	-15.00	
			For Additional Off Set Handrail, ADA Attachment, Add	16.80	
			For Aluminum, Satin Finish, Add	16.15	
			For Aluminum, Clear Anodized Finish, Add	25.00	
			For Aluminum, Dark Anodized Finish, Add	28.85	
			For Galvanizing, Add	15.38	
			For Wrought Iron, Add	5.95	
			For Solid Steel Rails, Add	11.90	
			For 304 Stainless Steel, Add	123.07	
			For 316 Stainless Steel, Add	138.46	
			For 2" Wheel Guard, Add	3.65	
			For 4" High Kick Plate, Add	4.81	
			For 6" High Kick Plate, Add	7.69	
			For Curved Rail, Add	29.39	
			For Mounting On Stairs, Add	17.85	
			For Mounting On Slopes, Add	5.95	
			For Post Base Flange With Screws, Add Per Post	19.60	
			For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	29.66	
			For Custom Design Or Shapes (Square Tops, etc), Add	24.49	
			For Nylon Coating, Add	5.77	
05 52	13 00-0012	LF	2" Diameter, Schedule 40, Two Rail, Up To 42" High, Welded Steel Pipe Railing	68.04	10.52
			For Schedule 80 Handrail, Add	15.59	
			For 11 Gauge A513 Steel Tubing, Deduct	-10.34	
			For 12 Gauge A513 Steel Tubing, Deduct	-11.75	
			For 14 Gauge A513 Steel Tubing, Deduct	-15.51	
			For 16 Gauge A513 Steel Tubing, Deduct	-18.33	
			For Additional Off Set Handrail, ADA Attachment, Add	19.59	
			For Aluminum, Satin Finish, Add	19.74	
			For Aluminum, Clear Anodized Finish, Add	30.55	
			For Aluminum, Dark Anodized Finish, Add	35.25	
			For Galvanizing, Add	18.80	
			For Wrought Iron, Add	6.80	
			For Solid Steel Rails, Add	13.61	
			For 304 Stainless Steel, Add	150.40	
			For 316 Stainless Steel, Add	169.20	
			For 2" Wheel Guard, Add	4.47	
			For 4" High Kick Plate, Add	5.88	
			For 6" High Kick Plate, Add	9.40	
			For Curved Rail, Add	34.51	
			For Mounting On Stairs, Add	20.41	
			For Mounting On Slopes, Add	6.80	
			For Post Base Flange With Screws, Add Per Post	19.60	
			For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	29.66	
			For Custom Design Or Shapes (Square Tops, etc), Add	28.76	
			For Nylon Coating, Add	7.05	

05 Metals**05 50 Metal Fabrications****05 52 Metal Railings**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
05 52 13 00-0013	LF 2-1/2" Diameter, Schedule 40, Two Rail, Up To 42" High, Welded Steel Pipe Railing	78.28		10.52
	For Schedule 80 Handrail, Add	17.88		
	For 11 Gauge A513 Steel Tubing, Deduct	-12.59		
	For 12 Gauge A513 Steel Tubing, Deduct	-14.31		
	For 14 Gauge A513 Steel Tubing, Deduct	-18.89		
	For 16 Gauge A513 Steel Tubing, Deduct	-22.32		
	For Additional Off Set Handrail, ADA Attachment, Add	22.95		
	For Aluminum, Satin Finish, Add	24.04		
	For Aluminum, Clear Anodized Finish, Add	37.21		
	For Aluminum, Dark Anodized Finish, Add	42.93		
	For Galvanizing, Add	22.90		
	For Wrought Iron, Add	7.83		
	For Solid Steel Rails, Add	15.66		
	For 304 Stainless Steel, Add	183.17		
	For 316 Stainless Steel, Add	206.06		
	For 2" Wheel Guard, Add	5.44		
	For 4" High Kick Plate, Add	7.16		
	For 6" High Kick Plate, Add	11.45		
	For Curved Rail, Add	40.66		
	For Mounting On Stairs, Add	23.48		
	For Mounting On Slopes, Add	7.83		
	For Post Base Flange With Screws, Add Per Post	19.60		
	For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	29.66		
	For Custom Design Or Shapes (Square Tops, etc), Add	33.88		
	For Nylon Coating, Add	8.59		
05 52 13 00-0014	Three Rail, Up To 42" High, Welded Steel Pipe Railings (05 52 13 00-0001)			
	Note: Includes factory primed posts and three rails.			
05 52 13 00-0015	LF 1" Diameter, Schedule 40, Three Rail, Up To 42" High, Welded Steel Pipe Railing	75.42		12.62
	For Schedule 80 Handrail, Add	10.86		
	For 11 Gauge A513 Steel Tubing, Deduct	-11.04		
	For 12 Gauge A513 Steel Tubing, Deduct	-12.54		
	For 14 Gauge A513 Steel Tubing, Deduct	-16.56		
	For 16 Gauge A513 Steel Tubing, Deduct	-19.57		
	For Additional Off Set Handrail, ADA Attachment, Add	14.41		
	For Aluminum, Satin Finish, Add	21.07		
	For Aluminum, Clear Anodized Finish, Add	32.61		
	For Aluminum, Dark Anodized Finish, Add	37.63		
	For Galvanizing, Add	20.07		
	For Wrought Iron, Add	7.54		
	For Solid Steel Rails, Add	15.08		
	For 304 Stainless Steel, Add	160.54		
	For 316 Stainless Steel, Add	180.61		
	For 2" Wheel Guard, Add	4.77		
	For 4" High Kick Plate, Add	6.27		
	For 6" High Kick Plate, Add	10.03		
	For Curved Rail, Add	37.68		
	For Mounting On Stairs, Add	22.63		
	For Mounting On Slopes, Add	7.54		
	For Post Base Flange With Screws, Add Per Post	20.03		
	For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	30.29		
	For Custom Design Or Shapes (Square Tops, etc), Add	31.40		
	For Nylon Coating, Add	7.53		
05 52 13 00-0016	LF 1-1/4" Diameter, Schedule 40, Three Rail, Up To 42" High, Welded Steel Pipe Railing	84.05		12.62
	For Schedule 80 Handrail, Add	18.32		
	For 11 Gauge A513 Steel Tubing, Deduct	-12.94		
	For 12 Gauge A513 Steel Tubing, Deduct	-14.70		
	For 14 Gauge A513 Steel Tubing, Deduct	-19.40		
	For 16 Gauge A513 Steel Tubing, Deduct	-22.93		
	For Additional Off Set Handrail, ADA Attachment, Add	16.02		
	For Aluminum, Satin Finish, Add	24.70		
	For Aluminum, Clear Anodized Finish, Add	38.22		
	For Aluminum, Dark Anodized Finish, Add	44.10		
	For Galvanizing, Add	23.52		
	For Wrought Iron, Add	8.41		
	For Solid Steel Rails, Add	16.81		
	For 304 Stainless Steel, Add	188.16		
	For 316 Stainless Steel, Add	211.68		
	For 2" Wheel Guard, Add	5.59		
	For 4" High Kick Plate, Add	7.35		
	For 6" High Kick Plate, Add	11.76		
	For Curved Rail, Add	42.86		
	For Mounting On Stairs, Add	25.22		
	For Mounting On Slopes, Add	8.41		
	For Post Base Flange With Screws, Add Per Post	20.03		
	For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	30.29		
	For Custom Design Or Shapes (Square Tops, etc), Add	35.71		
	For Nylon Coating, Add	8.82		



	Metals	05	
	Metal Fabrications	05 50	
	Metal Railings	05 52	05

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0017	LF		1-1/2" Diameter, Schedule 40, Three Rail, Up To 42" High, Welded Steel Pipe Railing.....	92.69	12.62
			For Schedule 80 Handrail, Add	18.32	
			For 11 Gauge A513 Steel Tubing, Deduct	-14.64	
			For 12 Gauge A513 Steel Tubing, Deduct	-16.86	
			For 14 Gauge A513 Steel Tubing, Deduct	-22.26	
			For 16 Gauge A513 Steel Tubing, Deduct	-26.30	
			For Additional Off Set Handrail, ADA Attachment, Add	17.64	
			For Aluminum, Satin Finish, Add	28.32	
			For Aluminum, Clear Anodized Finish, Add	43.84	
			For Aluminum, Dark Anodized Finish, Add	50.58	
			For Galvanizing, Add	26.98	
			For Wrought Iron, Add	9.27	
			For Solid Steel Rails, Add	18.54	
			For 304 Stainless Steel, Add	215.81	
			For 316 Stainless Steel, Add	242.78	
			For 2" Wheel Guard, Add	6.41	
			For 4" High Kick Plate, Add	8.43	
			For 6" High Kick Plate, Add	13.49	
			For Curved Rail, Add	48.04	
			For Mounting On Stairs, Add	27.81	
			For Mounting On Slopes, Add	9.27	
			For Post Base Flange With Screws, Add Per Post	20.03	
			For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	30.29	
			For Custom Design Or Shapes (Square Tops, etc), Add	40.03	
			For Nylon Coating, Add	10.12	
05 52 13 00-0018	LF		2" Diameter, Schedule 40, Three Rail, Up To 42" High, Welded Steel Pipe Railing.....	107.70	12.62
			For Schedule 80 Handrail, Add	21.33	
			For 11 Gauge A513 Steel Tubing, Deduct	-18.14	
			For 12 Gauge A513 Steel Tubing, Deduct	-20.61	
			For 14 Gauge A513 Steel Tubing, Deduct	-27.21	
			For 16 Gauge A513 Steel Tubing, Deduct	-32.16	
			For Additional Off Set Handrail, ADA Attachment, Add	20.43	
			For Aluminum, Satin Finish, Add	34.63	
			For Aluminum, Clear Anodized Finish, Add	53.59	
			For Aluminum, Dark Anodized Finish, Add	61.84	
			For Galvanizing, Add	32.98	
			For Wrought Iron, Add	10.77	
			For Solid Steel Rails, Add	21.54	
			For 304 Stainless Steel, Add	263.84	
			For 316 Stainless Steel, Add	296.82	
			For 2" Wheel Guard, Add	7.83	
			For 4" High Kick Plate, Add	10.31	
			For 6" High Kick Plate, Add	16.49	
			For Curved Rail, Add	57.05	
			For Mounting On Stairs, Add	32.31	
			For Mounting On Slopes, Add	10.77	
			For Post Base Flange With Screws, Add Per Post	20.03	
			For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	30.29	
			For Custom Design Or Shapes (Square Tops, etc), Add	47.54	
			For Nylon Coating, Add	12.37	
05 52 13 00-0019	LF		2-1/2" Diameter, Schedule 40, Three Rail, Up To 42" High, Welded Steel Pipe Railing.....	125.58	12.62
			For Schedule 80 Handrail, Add	24.38	
			For 11 Gauge A513 Steel Tubing, Deduct	-22.07	
			For 12 Gauge A513 Steel Tubing, Deduct	-25.08	
			For 14 Gauge A513 Steel Tubing, Deduct	-33.11	
			For 16 Gauge A513 Steel Tubing, Deduct	-39.13	
			For Additional Off Set Handrail, ADA Attachment, Add	23.79	
			For Aluminum, Satin Finish, Add	42.14	
			For Aluminum, Clear Anodized Finish, Add	65.21	
			For Aluminum, Dark Anodized Finish, Add	75.25	
			For Galvanizing, Add	40.13	
			For Wrought Iron, Add	12.56	
			For Solid Steel Rails, Add	25.12	
			For 304 Stainless Steel, Add	321.06	
			For 316 Stainless Steel, Add	361.19	
			For 2" Wheel Guard, Add	9.53	
			For 4" High Kick Plate, Add	12.54	
			For 6" High Kick Plate, Add	20.07	
			For Curved Rail, Add	67.77	
			For Mounting On Stairs, Add	37.67	
			For Mounting On Slopes, Add	12.56	
			For Post Base Flange With Screws, Add Per Post	20.03	
			For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	30.29	
			For Custom Design Or Shapes (Square Tops, etc), Add	56.48	
			For Nylon Coating, Add	15.05	
05 52 13 00-0020			Four Rail, Up To 42" High, Welded Steel Pipe Railings (05 52 13 00-0001)		
			Note: Includes factory primed posts and four rails.		

05 Metals**05 50 Metal Fabrications****05 52 Metal Railings**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

05 52 13 00-0021	LF	1" Diameter, Schedule 40, Four Rail, Up To 42" High, Welded Steel Pipe Railing	91.02	14.73
		For Schedule 80 Handrail, Add	14.25	
		For 11 Gauge A513 Steel Tubing, Deduct	-13.55	
		For 12 Gauge A513 Steel Tubing, Deduct	-15.39	
		For 14 Gauge A513 Steel Tubing, Deduct	-20.32	
		For 16 Gauge A513 Steel Tubing, Deduct	-24.01	
		For Additional Off Set Handrail, ADA Attachment, Add	15.25	
		For Aluminum, Satin Finish, Add	25.86	
		For Aluminum, Clear Anodized Finish, Add	40.02	
		For Aluminum, Dark Anodized Finish, Add	46.18	
		For Galvanizing, Add	24.63	
		For Wrought Iron, Add	9.10	
		For Solid Steel Rails, Add	18.20	
		For 304 Stainless Steel, Add	197.02	
		For 316 Stainless Steel, Add	221.65	
		For 2" Wheel Guard, Add	5.85	
		For 4" High Kick Plate, Add	7.70	
		For 6" High Kick Plate, Add	12.31	
		For Curved Rail, Add	45.78	
		For Mounting On Stairs, Add	27.31	
		For Mounting On Slopes, Add	9.10	
		For Post Base Flange With Screws, Add Per Post	20.45	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	30.92	
		For Custom Design Or Shapes (Square Tops, etc), Add	38.15	
		For Nylon Coating, Add	9.24	
05 52 13 00-0022	LF	1-1/4" Diameter, Schedule 40, Four Rail, Up To 42" High, Welded Steel Pipe Railing	98.69	14.73
		For Schedule 80 Handrail, Add	23.57	
		For 11 Gauge A513 Steel Tubing, Deduct	-15.23	
		For 12 Gauge A513 Steel Tubing, Deduct	-17.31	
		For 14 Gauge A513 Steel Tubing, Deduct	-22.85	
		For 16 Gauge A513 Steel Tubing, Deduct	-27.00	
		For Additional Off Set Handrail, ADA Attachment, Add	16.86	
		For Aluminum, Satin Finish, Add	29.08	
		For Aluminum, Clear Anodized Finish, Add	45.01	
		For Aluminum, Dark Anodized Finish, Add	51.93	
		For Galvanizing, Add	27.70	
		For Wrought Iron, Add	9.87	
		For Solid Steel Rails, Add	19.74	
		For 304 Stainless Steel, Add	221.57	
		For 316 Stainless Steel, Add	249.26	
		For 2" Wheel Guard, Add	6.58	
		For 4" High Kick Plate, Add	8.66	
		For 6" High Kick Plate, Add	13.85	
		For Curved Rail, Add	50.38	
		For Mounting On Stairs, Add	29.61	
		For Mounting On Slopes, Add	9.87	
		For Post Base Flange With Screws, Add Per Post	20.45	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	30.92	
		For Custom Design Or Shapes (Square Tops, etc), Add	41.98	
		For Nylon Coating, Add	10.39	
05 52 13 00-0023	LF	1-1/2" Diameter, Schedule 40, Four Rail, Up To 42" High, Welded Steel Pipe Railing	106.36	14.73
		For Schedule 80 Handrail, Add	23.57	
		For 11 Gauge A513 Steel Tubing, Deduct	-16.92	
		For 12 Gauge A513 Steel Tubing, Deduct	-19.23	
		For 14 Gauge A513 Steel Tubing, Deduct	-25.38	
		For 16 Gauge A513 Steel Tubing, Deduct	-29.99	
		For Additional Off Set Handrail, ADA Attachment, Add	18.48	
		For Aluminum, Satin Finish, Add	32.30	
		For Aluminum, Clear Anodized Finish, Add	49.99	
		For Aluminum, Dark Anodized Finish, Add	57.68	
		For Galvanizing, Add	30.76	
		For Wrought Iron, Add	10.64	
		For Solid Steel Rails, Add	21.27	
		For 304 Stainless Steel, Add	246.11	
		For 316 Stainless Steel, Add	276.88	
		For 2" Wheel Guard, Add	7.31	
		For 4" High Kick Plate, Add	9.61	
		For 6" High Kick Plate, Add	15.38	
		For Curved Rail, Add	54.98	
		For Mounting On Stairs, Add	31.91	
		For Mounting On Slopes, Add	10.64	
		For Post Base Flange With Screws, Add Per Post	20.45	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	30.92	
		For Custom Design Or Shapes (Square Tops, etc), Add	45.82	
		For Nylon Coating, Add	11.54	



			Metals	05	05
			Metal Fabrications	05 50	
			Metal Railings	05 52	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0024	LF		2" Diameter, Schedule 40, Four Rail, Up To 42" High, Welded Steel Pipe Railing.....	123.44	14.73
			For Schedule 80 Handrail, Add	27.34	
			For 11 Gauge A513 Steel Tubing, Deduct	-20.68	
			For 12 Gauge A513 Steel Tubing, Deduct	-23.50	
			For 14 Gauge A513 Steel Tubing, Deduct	-31.02	
			For 16 Gauge A513 Steel Tubing, Deduct	-36.66	
			For Additional Off Set Handrail, ADA Attachment, Add	21.27	
			For Aluminum, Satin Finish, Add	39.48	
			For Aluminum, Clear Anodized Finish, Add	61.09	
			For Aluminum, Dark Anodized Finish, Add	70.49	
			For Galvanizing, Add	37.60	
			For Wrought Iron, Add	12.34	
			For Solid Steel Rails, Add	24.69	
			For 304 Stainless Steel, Add	300.77	
			For 316 Stainless Steel, Add	338.36	
			For 2" Wheel Guard, Add	8.93	
			For 4" High Kick Plate, Add	11.75	
			For 6" High Kick Plate, Add	18.80	
			For Curved Rail, Add	65.23	
			For Mounting On Stairs, Add	37.03	
			For Mounting On Slopes, Add	12.34	
			For Post Base Flange With Screws, Add Per Post	20.45	
			For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	30.92	
			For Custom Design Or Shapes (Square Tops, etc), Add	54.36	
			For Nylon Coating, Add	14.10	
05 52 13 00-0025	LF		2-1/2" Diameter, Schedule 40, Four Rail, Up To 42" High, Welded Steel Pipe Railing.....	143.46	14.73
			For Schedule 80 Handrail, Add	31.15	
			For 11 Gauge A513 Steel Tubing, Deduct	-25.08	
			For 12 Gauge A513 Steel Tubing, Deduct	-28.50	
			For 14 Gauge A513 Steel Tubing, Deduct	-37.62	
			For 16 Gauge A513 Steel Tubing, Deduct	-44.46	
			For Additional Off Set Handrail, ADA Attachment, Add	24.63	
			For Aluminum, Satin Finish, Add	47.88	
			For Aluminum, Clear Anodized Finish, Add	74.11	
			For Aluminum, Dark Anodized Finish, Add	85.51	
			For Galvanizing, Add	45.60	
			For Wrought Iron, Add	14.35	
			For Solid Steel Rails, Add	28.69	
			For 304 Stainless Steel, Add	364.83	
			For 316 Stainless Steel, Add	410.44	
			For 2" Wheel Guard, Add	10.83	
			For 4" High Kick Plate, Add	14.25	
			For 6" High Kick Plate, Add	22.80	
			For Curved Rail, Add	77.24	
			For Mounting On Stairs, Add	43.04	
			For Mounting On Slopes, Add	14.35	
			For Post Base Flange With Screws, Add Per Post	20.45	
			For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	30.92	
			For Custom Design Or Shapes (Square Tops, etc), Add	64.37	
			For Nylon Coating, Add	17.10	
05 52 13 00-0026			Railing Infill Panels (05 52 13)		
			Note: Includes field welds and touch-up of welds.		
05 52 13 00-0027			Wire Mesh Or Welded Wire Mesh, Railing Infill Panels (05 52 13 00-0026)		
			Note: Square weave or square welded wire mesh.		
05 52 13 00-0028	SF		Powder Coated Steel, Wire Mesh Or Welded Wire Mesh, Railing Infill Panel	14.97	
05 52 13 00-0029	SF		Galvanized Steel, Wire Mesh Or Welded Wire Mesh, Railing Infill Panel	15.90	
05 52 13 00-0030	SF		Aluminum, Wire Mesh Or Welded Wire Mesh, Railing Infill Panel	16.71	
05 52 13 00-0031	SF		Stainless Steel, Wire Mesh Or Welded Wire Mesh, Railing Infill Panel	28.26	
05 52 13 00-0032			Perforated Metal, Railing Infill Panels (05 52 13 00-0026)		
05 52 13 00-0033	SF		Powder Coated Steel, Perforated Metal, Railing Infill Panel	14.68	
05 52 13 00-0034	SF		Galvanized Steel, Perforated Metal, Railing Infill Panel	15.18	
05 52 13 00-0035	SF		Aluminum, Perforated Metal, Railing Infill Panel	16.25	
05 52 13 00-0036	SF		Stainless Steel, Perforated Metal, Railing Infill Panel	32.61	
05 52 13 00-0037			Expanded Metal, Railing Infill Panels (05 52 13 00-0026)		
05 52 13 00-0038	SF		Powder Coated Steel, Expanded Metal, Railing Infill Panel	6.62	
05 52 13 00-0039	SF		Galvanized Steel, Expanded Metal, Railing Infill Panel	13.53	
05 52 13 00-0040	SF		Aluminum, Expanded Metal, Railing Infill Panel	17.77	
05 52 13 00-0041	SF		Stainless Steel, Expanded Metal, Railing Infill Panel	26.50	
05 52 13 00-0042			Railing Accessories (05 52 13)		
05 52 13 00-0043	EA		Anti-Skateboard Devise Attached To Stair Railing.....	45.66	20.40
05 52 13 00-0044			Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railings (05 52 13)		
			Note: Includes factory primed, fasteners and field touch-up of welds.		

05 Metals**05 50 Metal Fabrications****05 52 Metal Railings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0045	LF		1" Diameter, Schedule 40, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing.....	37.67	6.31
			For Schedule 80 Handrail, Add	3.55	
			For 11 Gauge A513 Steel Tubing, Deduct	-4.82	
			For 12 Gauge A513 Steel Tubing, Deduct	-5.47	
			For 14 Gauge A513 Steel Tubing, Deduct	-7.22	
			For 16 Gauge A513 Steel Tubing, Deduct	-8.54	
			For Stainless Steel, Add	43.78	
			For Aluminum, Satin Finish, Add	9.19	
			For Curved Rail, Add	11.30	
			For Aluminum, Clear Anodized Finish, Add	14.23	
			For Aluminum, Dark Anodized Finish, Add	16.42	
			For Galvanized Finish, Add	6.57	
05 52 13 00-0046	LF		1-1/4" Diameter, Schedule 40, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing	38.38	6.31
			For Schedule 80 Handrail, Add	4.46	
			For 11 Gauge A513 Steel Tubing, Deduct	-4.97	
			For 12 Gauge A513 Steel Tubing, Deduct	-5.65	
			For 14 Gauge A513 Steel Tubing, Deduct	-7.46	
			For 16 Gauge A513 Steel Tubing, Deduct	-8.81	
			For Stainless Steel, Add	45.20	
			For Aluminum, Satin Finish, Add	9.49	
			For Curved Rail, Add	11.51	
			For Aluminum, Clear Anodized Finish, Add	14.69	
			For Aluminum, Dark Anodized Finish, Add	16.95	
			For Galvanized Finish, Add	6.78	
05 52 13 00-0047	LF		1-1/2" Diameter, Schedule 40, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing	39.09	6.31
			For Schedule 80 Handrail, Add	16.90	
			For 11 Gauge A513 Steel Tubing, Deduct	-5.13	
			For 12 Gauge A513 Steel Tubing, Deduct	-5.83	
			For 14 Gauge A513 Steel Tubing, Deduct	-7.69	
			For 16 Gauge A513 Steel Tubing, Deduct	-9.09	
			For Stainless Steel, Add	46.62	
			For Aluminum, Satin Finish, Add	9.79	
			For Curved Rail, Add	11.73	
			For Aluminum, Clear Anodized Finish, Add	15.15	
			For Aluminum, Dark Anodized Finish, Add	17.48	
			For Galvanized Finish, Add	6.99	
05 52 13 00-0048	LF		2" Diameter, Schedule 40, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing.....	47.21	6.31
			For Schedule 80 Handrail, Add	6.16	
			For 11 Gauge A513 Steel Tubing, Deduct	-6.91	
			For 12 Gauge A513 Steel Tubing, Deduct	-7.86	
			For 14 Gauge A513 Steel Tubing, Deduct	-10.37	
			For 16 Gauge A513 Steel Tubing, Deduct	-12.26	
			For Stainless Steel, Add	62.86	
			For Aluminum, Satin Finish, Add	13.20	
			For Curved Rail, Add	14.16	
			For Aluminum, Clear Anodized Finish, Add	20.43	
			For Aluminum, Dark Anodized Finish, Add	23.57	
			For Galvanized Finish, Add	9.43	
05 52 13 00-0049	LF		2-1/2" Diameter, Schedule 40, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing	53.92	6.31
			For Schedule 80 Handrail, Add	6.93	
			For 11 Gauge A513 Steel Tubing, Deduct	-8.39	
			For 12 Gauge A513 Steel Tubing, Deduct	-9.54	
			For 14 Gauge A513 Steel Tubing, Deduct	-12.59	
			For 16 Gauge A513 Steel Tubing, Deduct	-14.87	
			For Stainless Steel, Add	76.28	
			For Aluminum, Satin Finish, Add	16.02	
			For Curved Rail, Add	16.18	
			For Aluminum, Clear Anodized Finish, Add	24.79	
			For Aluminum, Dark Anodized Finish, Add	28.61	
			For Galvanized Finish, Add	11.44	
05 52 13 00-0050			Custom Shapes, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railings (05 52 13)		
			Note: Includes factory primed, fasteners and field touch-up of welds.		
05 52 13 00-0051	LF		1" Diameter, Custom Shapes, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing	45.97	6.62
			For Schedule 80 Handrail, Add	3.55	
			For 11 Gauge A513 Steel Tubing, Deduct	-6.64	
			For 12 Gauge A513 Steel Tubing, Deduct	-7.55	
			For 14 Gauge A513 Steel Tubing, Deduct	-9.96	
			For 16 Gauge A513 Steel Tubing, Deduct	-11.77	
			For Stainless Steel, Add	60.38	
			For Aluminum, Satin Finish, Add	12.68	
			For Curved Rail, Add	13.79	
			For Aluminum, Clear Anodized Finish, Add	19.62	
			For Aluminum, Dark Anodized Finish, Add	22.64	
			For Galvanized Finish, Add	9.06	



	Metals	05	
	Metal Fabrications	05 50	
	Metal Railings	05 52	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0052	LF	1-1/4" Diameter, Custom Shapes, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing.....	46.96	6.62	
		For Schedule 80 Handrail, Add	4.46		
		For 11 Gauge A513 Steel Tubing, Deduct	-6.66		
		For 12 Gauge A513 Steel Tubing, Deduct	-7.80		
		For 14 Gauge A513 Steel Tubing, Deduct	-10.29		
		For 16 Gauge A513 Steel Tubing, Deduct	-12.16		
		For Stainless Steel, Add	62.36		
		For Aluminum, Satin Finish, Add	13.10		
		For Curved Rail, Add	14.09		
		For Aluminum, Clear Anodized Finish, Add	20.27		
		For Aluminum, Dark Anodized Finish, Add	23.39		
		For Galvanized Finish, Add	9.35		
05 52 13 00-0053	LF	1-1/2" Diameter, Custom Shapes, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing.....	47.70	6.62	
		For Schedule 80 Handrail, Add	16.90		
		For 11 Gauge A513 Steel Tubing, Deduct	-7.02		
		For 12 Gauge A513 Steel Tubing, Deduct	-7.98		
		For 14 Gauge A513 Steel Tubing, Deduct	-10.53		
		For 16 Gauge A513 Steel Tubing, Deduct	-12.45		
		For Stainless Steel, Add	63.84		
		For Aluminum, Satin Finish, Add	13.41		
		For Curved Rail, Add	14.31		
		For Aluminum, Clear Anodized Finish, Add	20.75		
		For Aluminum, Dark Anodized Finish, Add	23.94		
		For Galvanized Finish, Add	9.58		
05 52 13 00-0054	LF	2" Diameter, Custom Shapes, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing.....	59.04	6.62	
		For Schedule 80 Handrail, Add	6.16		
		For 11 Gauge A513 Steel Tubing, Deduct	-9.52		
		For 12 Gauge A513 Steel Tubing, Deduct	-10.82		
		For 14 Gauge A513 Steel Tubing, Deduct	-14.28		
		For 16 Gauge A513 Steel Tubing, Deduct	-16.87		
		For Stainless Steel, Add	86.52		
		For Aluminum, Satin Finish, Add	18.17		
		For Curved Rail, Add	17.71		
		For Aluminum, Clear Anodized Finish, Add	28.12		
		For Aluminum, Dark Anodized Finish, Add	32.45		
		For Galvanized Finish, Add	12.98		
05 52 13 00-0055	LF	2-1/2" Diameter, Custom Shapes, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing.....	66.45	6.62	
		For Schedule 80 Handrail, Add	6.93		
		For 11 Gauge A513 Steel Tubing, Deduct	-11.15		
		For 12 Gauge A513 Steel Tubing, Deduct	-12.67		
		For 14 Gauge A513 Steel Tubing, Deduct	-16.72		
		For 16 Gauge A513 Steel Tubing, Deduct	-19.76		
		For Stainless Steel, Add	101.34		
		For Aluminum, Satin Finish, Add	21.28		
		For Curved Rail, Add	19.94		
		For Aluminum, Clear Anodized Finish, Add	32.94		
		For Aluminum, Dark Anodized Finish, Add	38.00		
		For Galvanized Finish, Add	15.20		
05 52 13 00-0056		Remove And Reinstall Pipe Railing (05 52 13)			
05 52 13 00-0057	LF	Removal And Reinstallation Of Wall Bracket Mounted Pipe Railing.....	23.66		
05 52 13 00-0058	LF	Removal And Reinstallation Of Floor Mounted Pipe Railing.....	31.98		
05 52 13 00-0059	EA	Install New Galvanized Steel Pipe Railing Bracket.....	64.47		
		For Stainless Steel, Add	65.82		
05 52 13 00-0060		Non-Welded Aluminum Railing (05 52 13)			
05 52 13 00-0061		One Rail, Up To 43" High, Non-Welded Aluminum Pipe Railings (05 52 13 00-0060)			
		Note: Includes one rail.			
05 52 13 00-0062	LF	1-1/2" Diameter, 43" High, Schedule 40, Non-Welded, Clear Anodized Finish, Aluminum Railing Assembly With One Horizontal Line.....	118.00	16.25	
		Note: Includes railing, posts with reinforcement rod, #508 floor cover flanges, #540 side cover flange, #506 mitered elbows, #513 rail elbow and #530 rail end loops. Excludes concrete core drilling or partching.			
05 53		Metal Gratings (05 50)			
05 53 13		Bar Gratings (05 53)			
05 53 13 00-0001		Welded Grating (05 53 13)			
		Note: Sizes are for height and width of bearing bars. Welded grating is open grid grating which has bearing bars and cross bars locked in place by resistance welding, or conventional hand welding. Resistance welded grating is produced on precise automated production equipment by combining hydraulic pressure with a powerful electric current to fuse - electroforge - the cross bar and bearing bar into a single rigid panel.			
05 53 13 00-0002		Steel, Welded Grating (05 53 13 00-0001)			
		Note: Bearing bars at 1-3/16" on-center, crossbars at 4" on-center, bolted or tack welded, unpainted steel, and in all sizes.			

05 Metals**05 50 Metal Fabrications****05 53 Metal Gratings**MINOR
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

05 53 13 00-0003	SF 3/4" x 1/8" Steel, Welded Grating	13.60	1.16
	For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
	For Galvanized Steel, Add	1.92	
	For 304 Stainless Steel, Add	36.24	
	Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
	For Bearing Bars At 15/16" On-Center, Add	3.30	
	For Crossbars At 2" On-Center, Add	1.22	
	For Set In Place Without Bolting Or Tack Welding, Deduct	-1.83	
05 53 13 00-0004	SF 3/4" x 3/16" Steel, Welded Grating	18.28	1.16
	For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
	For Galvanized Steel, Add	2.71	
	For 304 Stainless Steel, Add	51.26	
	Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
	For Bearing Bars At 15/16" On-Center, Add	4.66	
	For Crossbars At 2" On-Center, Add	1.72	
	For Set In Place Without Bolting Or Tack Welding, Deduct	-1.95	
05 53 13 00-0005	SF 1" x 1/8" Steel, Welded Grating	16.61	1.16
	For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
	For Galvanized Steel, Add	2.43	
	For 304 Stainless Steel, Add	45.90	
	Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
	For Bearing Bars At 15/16" On-Center, Add	4.18	
	For Crossbars At 2" On-Center, Add	1.54	
	For Serrated Wear Surface, Add	0.16	
	For Set In Place Without Bolting Or Tack Welding, Deduct	-1.91	
05 53 13 00-0006	SF 1" x 3/16" Steel, Welded Grating	22.95	1.16
	For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
	For Galvanized Steel, Add	3.51	
	For 304 Stainless Steel, Add	66.25	
	Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
	For Bearing Bars At 15/16" On-Center, Add	6.03	
	For Crossbars At 2" On-Center, Add	2.23	
	For Serrated Wear Surface, Add	0.16	
	For Set In Place Without Bolting Or Tack Welding, Deduct	-2.06	
05 53 13 00-0007	SF 1" x 1/4" Steel, Welded Grating	29.30	1.16
	For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
	For Galvanized Steel, Add	4.59	
	For 304 Stainless Steel, Add	86.64	
	Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
	For Bearing Bars At 15/16" On-Center, Add	7.88	
	For Crossbars At 2" On-Center, Add	2.91	
	For Serrated Wear Surface, Add	0.16	
	For Set In Place Without Bolting Or Tack Welding, Deduct	-2.22	
05 53 13 00-0008	SF 1-1/4" x 1/8" Steel, Welded Grating	19.65	1.16
	For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
	For Galvanized Steel, Add	2.95	
	For 304 Stainless Steel, Add	55.66	
	Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
	For Bearing Bars At 15/16" On-Center, Add	5.06	
	For Crossbars At 2" On-Center, Add	1.87	
	For Serrated Wear Surface, Add	0.16	
	For Set In Place Without Bolting Or Tack Welding, Deduct	-1.98	
05 53 13 00-0009	SF 1-1/4" x 3/16" Steel, Welded Grating	27.36	1.16
	For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
	For Galvanized Steel, Add	4.26	
	For 304 Stainless Steel, Add	80.41	
	Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
	For Bearing Bars At 15/16" On-Center, Add	7.31	
	For Crossbars At 2" On-Center, Add	2.71	
	For Serrated Wear Surface, Add	0.16	
	For Set In Place Without Bolting Or Tack Welding, Deduct	-2.17	
05 53 13 00-0010	SF 1-1/2" x 1/8" Steel, Welded Grating	22.69	1.16
	For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
	For Galvanized Steel, Add	3.46	
	For 304 Stainless Steel, Add	65.42	
	Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
	For Bearing Bars At 15/16" On-Center, Add	5.95	
	For Crossbars At 2" On-Center, Add	2.20	
	For Serrated Wear Surface, Add	0.16	
	For Set In Place Without Bolting Or Tack Welding, Deduct	-2.06	
05 53 13 00-0011	SF 1-1/2" x 3/16" Steel, Welded Grating	32.53	1.42
	For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
	For Galvanized Steel, Add	5.05	
	For 304 Stainless Steel, Add	95.30	
	Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
	For Bearing Bars At 15/16" On-Center, Add	8.67	
	For Crossbars At 2" On-Center, Add	3.21	
	For Serrated Wear Surface, Add	0.16	
	For Set In Place Without Bolting Or Tack Welding, Deduct	-2.65	



Metals			05	05
Metal Fabrications			05 50	
Metal Gratings			05 53	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 53 13 00-0012	SF	1-1/2" x 1/4" Steel, Welded Grating	42.19	1.42	
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22		
		For Galvanized Steel, Add	6.69		
		For 304 Stainless Steel, Add	126.31		
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center			
		For Bearing Bars At 15/16" On-Center, Add	11.49		
		For Crossbars At 2" On-Center, Add	4.25		
		For Serrated Wear Surface, Add	0.16		
		For Set In Place Without Bolting Or Tack Welding, Deduct	-2.89		
05 53 13 00-0013	SF	1-3/4" x 3/16" Steel, Welded Grating	37.24	1.42	
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22		
		For Galvanized Steel, Add	5.85		
		For 304 Stainless Steel, Add	110.42		
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center			
		For Bearing Bars At 15/16" On-Center, Add	10.04		
		For Crossbars At 2" On-Center, Add	3.72		
		For Serrated Wear Surface, Add	0.16		
		For Set In Place Without Bolting Or Tack Welding, Deduct	-2.76		
05 53 13 00-0014	SF	2" x 3/16" Steel, Welded Grating	41.65	1.42	
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22		
		For Galvanized Steel, Add	6.60		
		For 304 Stainless Steel, Add	124.58		
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center			
		For Bearing Bars At 15/16" On-Center, Add	11.33		
		For Crossbars At 2" On-Center, Add	4.19		
		For Serrated Wear Surface, Add	0.16		
		For Set In Place Without Bolting Or Tack Welding, Deduct	-2.87		
05 53 13 00-0015	SF	2-1/4" x 3/16" Steel, Welded Grating	46.33	1.42	
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22		
		For Galvanized Steel, Add	7.39		
		For 304 Stainless Steel, Add	139.60		
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center			
		For Bearing Bars At 15/16" On-Center, Add	12.70		
		For Crossbars At 2" On-Center, Add	4.70		
		For Serrated Wear Surface, Add	0.16		
		For Set In Place Without Bolting Or Tack Welding, Deduct	-2.99		
05 53 13 00-0016	SF	2-1/2" x 3/16" Steel, Welded Grating	50.74	1.42	
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22		
		For Galvanized Steel, Add	8.14		
		For 304 Stainless Steel, Add	153.76		
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center			
		For Bearing Bars At 15/16" On-Center, Add	13.99		
		For Crossbars At 2" On-Center, Add	5.17		
		For Serrated Wear Surface, Add	0.16		
		For Set In Place Without Bolting Or Tack Welding, Deduct	-3.10		
05 53 13 00-0017		Pressure Locked Grating (05 53 13)			
		Note: Sizes are for height and width of bearing bars. Pressure locked grating is an open grid grating which is an assembly of tight-fitting, slotted bearing bars and cross bars, interlocked together. The permanent locking of the bars is accomplished by slotting the bearing bars with a wider 'dovetail' shape at the bottom of the slot. The bearing bar slot is usually 1/2 the depth of the cross bar. The cross bars are slotted to a depth slightly less than half its depth. When the bars are pressed together under hydraulic pressure, the cross bar material is forced into the 'dovetail' shape of the bearing bar notch, forming a strong, rigid unit.			
05 53 13 00-0018		Steel, Pressure Locked Grating (05 53 13 00-0017)			
		Note: Bearing bars at 1-3/16" on-center, crossbars at 4" on-center, bolted or tack welded, unpainted steel, and in all sizes.			
05 53 13 00-0019	SF	3/4" x 1/8" Steel, Pressure Locked Grating.....	25.86	1.16	
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22		
		For Galvanized Steel, Add	3.86		
		For 304 Stainless Steel, Add	44.06		
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center			
		For Bearing Bars At 15/16" On-Center, Add	6.88		
		For Crossbars At 2" On-Center, Add	2.54		
		For Set In Place Without Bolting Or Tack Welding, Deduct	-2.14		
05 53 13 00-0020	SF	3/4" x 3/16" Steel, Pressure Locked Grating.....	31.87	1.16	
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22		
		For Galvanized Steel, Add	4.85		
		For 304 Stainless Steel, Add	55.31		
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center			
		For Bearing Bars At 15/16" On-Center, Add	8.63		
		For Crossbars At 2" On-Center, Add	3.19		
		For Set In Place Without Bolting Or Tack Welding, Deduct	-2.29		
05 53 13 00-0021	SF	1" x 1/8" Steel, Pressure Locked Grating.....	28.43	1.16	
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22		
		For Galvanized Steel, Add	4.28		
		For 304 Stainless Steel, Add	48.87		
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center			
		For Bearing Bars At 15/16" On-Center, Add	7.63		
		For Crossbars At 2" On-Center, Add	2.82		
		For Serrated Wear Surface, Add	0.16		
		For Set In Place Without Bolting Or Tack Welding, Deduct	-2.20		

05 Metals**05 50 Metal Fabrications****05 53 Metal Gratings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 53 13 00-0022	SF		1" x 3/16" Steel, Pressure Locked Grating.....	38.75	1.16
			For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
			For Galvanized Steel, Add	5.98	
			For 304 Stainless Steel, Add	68.18	
			Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
			For Bearing Bars At 7/16" On-Center, Add	52.84	
			For Bearing Bars At 15/16" On-Center, Add	10.64	
			For Crossbars At 2" On-Center, Add	3.94	
			For Serrated Wear Surface, Add	0.16	
			For Set In Place Without Bolting Or Tack Welding, Deduct	-2.46	
05 53 13 00-0023	SF		1-1/4" x 1/8" Steel, Pressure Locked Grating.....	31.87	1.16
			For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
			For Galvanized Steel, Add	4.85	
			For 304 Stainless Steel, Add	55.31	
			Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
			For Bearing Bars At 15/16" On-Center, Add	8.63	
			For Crossbars At 2" On-Center, Add	3.19	
			For Serrated Wear Surface, Add	0.16	
			For Set In Place Without Bolting Or Tack Welding, Deduct	-2.29	
05 53 13 00-0024	SF		1-1/4" x 3/16" Steel, Pressure Locked Grating.....	43.53	1.16
			For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
			For Galvanized Steel, Add	6.76	
			For 304 Stainless Steel, Add	77.12	
			Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
			For Bearing Bars At 15/16" On-Center, Add	12.04	
			For Crossbars At 2" On-Center, Add	4.45	
			For Serrated Wear Surface, Add	0.16	
			For Set In Place Without Bolting Or Tack Welding, Deduct	-2.58	
05 53 13 00-0025	SF		1-1/2" x 1/8" Steel, Pressure Locked Grating.....	35.48	1.16
			For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
			For Galvanized Steel, Add	5.44	
			For 304 Stainless Steel, Add	62.06	
			Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
			For Bearing Bars At 15/16" On-Center, Add	9.69	
			For Crossbars At 2" On-Center, Add	3.58	
			For Serrated Wear Surface, Add	0.16	
			For Set In Place Without Bolting Or Tack Welding, Deduct	-2.38	
05 53 13 00-0026	SF		1-1/2" x 3/16" Steel, Pressure Locked Grating.....	49.07	1.42
			For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
			For Galvanized Steel, Add	7.58	
			For 304 Stainless Steel, Add	86.50	
			Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
			For Bearing Bars At 7/16" On-Center, Add	67.03	
			For Bearing Bars At 15/16" On-Center, Add	13.50	
			For Crossbars At 2" On-Center, Add	4.99	
			For Serrated Wear Surface, Add	0.16	
			For Set In Place Without Bolting Or Tack Welding, Deduct	-3.06	
05 53 13 00-0027	SF		1-3/4" x 3/16" Steel, Pressure Locked Grating.....	54.11	1.42
			For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
			For Galvanized Steel, Add	8.41	
			For 304 Stainless Steel, Add	95.93	
			Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
			For Bearing Bars At 15/16" On-Center, Add	14.97	
			For Crossbars At 2" On-Center, Add	5.54	
			For Serrated Wear Surface, Add	0.16	
			For Set In Place Without Bolting Or Tack Welding, Deduct	-3.18	
05 53 13 00-0028	SF		2" x 3/16" Steel, Pressure Locked Grating.....	58.22	1.42
			For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
			For Galvanized Steel, Add	9.08	
			For 304 Stainless Steel, Add	103.62	
			Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
			For Bearing Bars At 15/16" On-Center, Add	16.17	
			For Crossbars At 2" On-Center, Add	5.98	
			For Serrated Wear Surface, Add	0.16	
			For Set In Place Without Bolting Or Tack Welding, Deduct	-3.29	
05 53 13 00-0029	SF		2-1/4" x 3/16" Steel, Pressure Locked Grating.....	62.16	1.42
			For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
			For Galvanized Steel, Add	9.73	
			For 304 Stainless Steel, Add	110.99	
			Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
			For Bearing Bars At 15/16" On-Center, Add	17.32	
			For Crossbars At 2" On-Center, Add	6.41	
			For Serrated Wear Surface, Add	0.16	
			For Set In Place Without Bolting Or Tack Welding, Deduct	-3.39	
05 53 13 00-0030	SF		2-1/2" x 3/16" Steel, Pressure Locked Grating.....	65.57	1.42
			For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
			For Galvanized Steel, Add	10.29	
			For 304 Stainless Steel, Add	117.37	
			Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
			For Bearing Bars At 15/16" On-Center, Add	18.32	
			For Crossbars At 2" On-Center, Add	6.77	
			For Serrated Wear Surface, Add	0.16	
			For Set In Place Without Bolting Or Tack Welding, Deduct	-3.47	

05 53 13 00-0031

Aluminum, Type 6063, Pressure Locked Grating (05 53 13 00-0017)

Note: Bearing bars at 1-3/16" on-center, crossbars at 4" on-center, bolted in place, and in all sizes.



			Metals	05	05
			Metal Fabrications	05 50	
			Metal Gratings	05 53	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 53 13 00-0032	SF		3/4" x 1/8" Aluminum, Pressure Locked Grating..... <i>For Bearing Bars At 15/16" On-Center, Add</i> <i>For Crossbars At 2" On-Center, Add</i> <i>For Set In Place Without Bolting, Deduct</i> <i>For Powder Coating, Add</i>	17.01 4.29 1.59 -1.92 2.21	1.16
05 53 13 00-0033	SF		3/4" x 3/16" Aluminum, Pressure Locked Grating..... <i>For Bearing Bars At 15/16" On-Center, Add</i> <i>For Crossbars At 2" On-Center, Add</i> <i>For Set In Place Without Bolting, Deduct</i> <i>For Powder Coating, Add</i>	23.04 6.05 2.24 -2.07 3.11	1.16
05 53 13 00-0034	SF		1" x 1/8" Aluminum, Pressure Locked Grating..... <i>For Bearing Bars At 15/16" On-Center, Add</i> <i>For Crossbars At 2" On-Center, Add</i> <i>For Serrated Wear Surface, Add</i> <i>For Set In Place Without Bolting, Deduct</i> <i>For Powder Coating, Add</i>	21.74 5.67 2.10 0.16 -2.03 2.91	1.16
05 53 13 00-0035	SF		1" x 3/16" Aluminum, Pressure Locked Grating..... <i>For Bearing Bars At 7/16" On-Center, Add</i> <i>For Bearing Bars At 15/16" On-Center, Add</i> <i>For Crossbars At 2" On-Center, Add</i> <i>For Serrated Wear Surface, Add</i> <i>For Set In Place Without Bolting, Deduct</i> <i>For Powder Coating, Add</i>	29.53 39.47 7.95 2.94 0.16 -2.23 4.08	1.16
05 53 13 00-0036	SF		1-1/4" x 1/8" Aluminum, Pressure Locked Grating..... <i>For Bearing Bars At 15/16" On-Center, Add</i> <i>For Crossbars At 2" On-Center, Add</i> <i>For Serrated Wear Surface, Add</i> <i>For Set In Place Without Bolting, Deduct</i> <i>For Powder Coating, Add</i>	25.17 6.68 2.47 0.16 -2.12 3.43	1.16
05 53 13 00-0037	SF		1-1/4" x 3/16" Aluminum, Pressure Locked Grating..... <i>For Bearing Bars At 15/16" On-Center, Add</i> <i>For Crossbars At 2" On-Center, Add</i> <i>For Serrated Wear Surface, Add</i> <i>For Set In Place Without Bolting, Deduct</i> <i>For Powder Coating, Add</i>	33.66 9.15 3.39 0.16 -2.33 4.70	1.16
05 53 13 00-0038	SF		1-1/2" x 1/8" Aluminum, Pressure Locked Grating..... <i>For Bearing Bars At 15/16" On-Center, Add</i> <i>For Crossbars At 2" On-Center, Add</i> <i>For Serrated Wear Surface, Add</i> <i>For Set In Place Without Bolting, Deduct</i> <i>For Powder Coating, Add</i>	28.39 7.62 2.82 0.16 -2.20 3.91	1.16
05 53 13 00-0039	SF		1-1/2" x 3/16" Aluminum, Pressure Locked Grating..... <i>For Bearing Bars At 7/16" On-Center, Add</i> <i>For Bearing Bars At 15/16" On-Center, Add</i> <i>For Crossbars At 2" On-Center, Add</i> <i>For Serrated Wear Surface, Add</i> <i>For Set In Place Without Bolting, Deduct</i> <i>For Powder Coating, Add</i>	37.92 51.63 10.40 3.85 0.16 -2.44 5.34	1.16
05 53 13 00-0040	SF		1-3/4" x 3/16" Aluminum, Pressure Locked Grating..... <i>For Bearing Bars At 15/16" On-Center, Add</i> <i>For Crossbars At 2" On-Center, Add</i> <i>For Serrated Wear Surface, Add</i> <i>For Set In Place Without Bolting, Deduct</i> <i>For Powder Coating, Add</i>	42.00 11.59 4.29 0.16 -2.54 5.95	1.16
05 53 13 00-0041	SF		2" x 3/16" Aluminum, Pressure Locked Grating..... <i>For Bearing Bars At 15/16" On-Center, Add</i> <i>For Crossbars At 2" On-Center, Add</i> <i>For Serrated Wear Surface, Add</i> <i>For Set In Place Without Bolting, Deduct</i> <i>For Powder Coating, Add</i>	46.83 13.00 4.81 0.16 -2.66 6.68	1.16
05 53 13 00-0042	SF		2-1/4" x 3/16" Aluminum, Pressure Locked Grating..... <i>For Bearing Bars At 15/16" On-Center, Add</i> <i>For Crossbars At 2" On-Center, Add</i> <i>For Serrated Wear Surface, Add</i> <i>For Set In Place Without Bolting, Deduct</i> <i>For Powder Coating, Add</i>	50.62 14.11 5.22 0.16 -2.76 7.25	1.16
05 53 13 00-0043	SF		2-1/2" x 3/16" Aluminum, Pressure Locked Grating..... <i>For Bearing Bars At 15/16" On-Center, Add</i> <i>For Crossbars At 2" On-Center, Add</i> <i>For Serrated Wear Surface, Add</i> <i>For Set In Place Without Bolting, Deduct</i> <i>For Powder Coating, Add</i>	55.14 15.43 5.71 0.16 -2.87 7.92	1.16
05 53 13 00-0044			Swage Locked Grating (05 53 13) Note: Sizes are for height and width of bearing bars. Swage locked grating is an open grid grating where bearing bars are pre-punched to receive a cross bar without penetrating or cutting the top surface of the bearing bar. The cross bar is then inserted through the pre-punched hole and deformed by swaging or squeezing under hydraulic pressure to permanently lock the bars in place.		
05 53 13 00-0045			Steel, Swage Locked Grating (05 53 13 00-0044) Note: Bearing bars at 1-3/16" on-center, crossbars at 4" on-center, bolted or tack welded, unpainted steel, and in all sizes.		

05 Metals**05 50 Metal Fabrications****05 53 Metal Gratings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 53 13 00-0046	SF		1" x 3/16" Steel, Swaged Grating.....	42.43	1.16
			For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
			For Galvanized Steel, Add	3.69	
			For 304 Stainless Steel, Add	66.52	
			Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
			For Bearing Bars At 15/16" On-Center, Add	25.68	
			For Crossbars At 2" On-Center, Add	3.21	
			For Serrated Wear Surface, Add	0.16	
			For Set In Place Without Bolting Or Tack Welding, Deduct	-2.55	
05 53 13 00-0047	SF		1-1/4" x 3/16" Steel, Swaged Grating.....	47.37	1.16
			For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
			For Galvanized Steel, Add	4.15	
			For 304 Stainless Steel, Add	74.71	
			Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
			For Bearing Bars At 15/16" On-Center, Add	28.84	
			For Crossbars At 2" On-Center, Add	3.60	
			For Serrated Wear Surface, Add	0.16	
			For Set In Place Without Bolting Or Tack Welding, Deduct	-2.67	
05 53 13 00-0048	SF		1-1/2" x 3/16" Steel, Swaged Grating.....	51.77	1.42
			For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
			For Galvanized Steel, Add	4.50	
			For 304 Stainless Steel, Add	81.13	
			Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
			For Bearing Bars At 15/16" On-Center, Add	31.32	
			For Crossbars At 2" On-Center, Add	3.91	
			For Serrated Wear Surface, Add	0.16	
			For Set In Place Without Bolting Or Tack Welding, Deduct	-3.13	
05 53 13 00-0049	SF		1-3/4" x 3/16" Steel, Swaged Grating.....	59.36	1.42
			For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
			For Galvanized Steel, Add	5.20	
			For 304 Stainless Steel, Add	93.71	
			Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
			For Bearing Bars At 15/16" On-Center, Add	36.17	
			For Crossbars At 2" On-Center, Add	4.52	
			For Serrated Wear Surface, Add	0.16	
			For Set In Place Without Bolting Or Tack Welding, Deduct	-3.32	
05 53 13 00-0050	SF		2" x 3/16" Steel, Swaged Grating.....	66.97	1.42
			For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
			For Galvanized Steel, Add	5.90	
			For 304 Stainless Steel, Add	106.33	
			Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
			For Bearing Bars At 15/16" On-Center, Add	41.04	
			For Crossbars At 2" On-Center, Add	5.13	
			For Serrated Wear Surface, Add	0.16	
			For Set In Place Without Bolting Or Tack Welding, Deduct	-3.51	
05 53 13 00-0051	SF		2-1/4" x 3/16" Steel, Swaged Grating.....	74.56	1.42
			For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
			For Galvanized Steel, Add	6.60	
			For 304 Stainless Steel, Add	118.91	
			Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
			For Bearing Bars At 15/16" On-Center, Add	45.90	
			For Crossbars At 2" On-Center, Add	5.74	
			For Serrated Wear Surface, Add	0.16	
			For Set In Place Without Bolting Or Tack Welding, Deduct	-3.70	
05 53 13 00-0052	SF		2-1/2" x 3/16" Steel, Swaged Grating.....	82.17	1.42
			For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
			For Galvanized Steel, Add	7.30	
			For 304 Stainless Steel, Add	131.53	
			Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
			For Bearing Bars At 15/16" On-Center, Add	50.77	
			For Crossbars At 2" On-Center, Add	6.35	
			For Serrated Wear Surface, Add	0.16	
			For Set In Place Without Bolting Or Tack Welding, Deduct	-3.89	
05 53 13 00-0053			Aluminum Grating, Type 6063, Swage Locked (05 53 13 00-0044)		
			Note: Bearing bars at 1-3/16" on-center, crossbars at 4" on-center, bolted in place, and in all sizes.		
05 53 13 00-0054	SF		1" x 1/8" Aluminum, Swaged Grating.....	20.08	1.16
			For Bearing Bars At 15/16" On-Center, Add	11.37	
			For Crossbars At 2" On-Center, Add	1.42	
			For Serrated Wear Surface, Add	0.16	
			For Set In Place Without Bolting, Deduct	-1.99	
			For Powder Coating, Add	2.67	
05 53 13 00-0055	SF		1" x 3/16" Aluminum, Swaged Grating.....	26.03	1.16
			For Bearing Bars At 15/16" On-Center, Add	15.18	
			For Crossbars At 2" On-Center, Add	1.90	
			For Serrated Wear Surface, Add	0.16	
			For Set In Place Without Bolting, Deduct	-2.14	
			For Powder Coating, Add	3.56	
05 53 13 00-0056	SF		1-1/4" x 1/8" Aluminum, Swaged Grating.....	22.75	1.16
			For Bearing Bars At 15/16" On-Center, Add	13.08	
			For Crossbars At 2" On-Center, Add	1.64	
			For Serrated Wear Surface, Add	0.16	
			For Set In Place Without Bolting, Deduct	-2.06	
			For Powder Coating, Add	3.07	



Metals			05	05
Metal Fabrications			05 50	
Metal Gratings			05 53	

MINOR		DESCRIPTION	TOTAL DIRECT	DEMOLITION
CSI	UOM		UNIT COST	UNIT COST
05 53 13 00-0057	SF	1-1/4" x 3/16" Aluminum, Swaged Grating..... For Bearing Bars At 15/16" On-Center, Add For Crossbars At 2" On-Center, Add For Serrated Wear Surface, Add For Set In Place Without Bolting, Deduct For Powder Coating, Add	30.03 17.74 2.22 0.16 -2.24 4.16	1.16
05 53 13 00-0058	SF	1-1/2" x 1/8" Aluminum, Swaged Grating..... For Bearing Bars At 15/16" On-Center, Add For Crossbars At 2" On-Center, Add For Serrated Wear Surface, Add For Set In Place Without Bolting, Deduct For Powder Coating, Add	25.92 15.11 1.69 0.16 -2.14 3.54	1.16
05 53 13 00-0059	SF	1-1/2" x 3/16" Aluminum, Swaged Grating..... For Bearing Bars At 15/16" On-Center, Add For Crossbars At 2" On-Center, Add For Serrated Wear Surface, Add For Set In Place Without Bolting, Deduct For Powder Coating, Add	34.31 20.48 2.56 0.16 -2.35 4.80	1.16
05 53 13 00-0060	SF	1-3/4" x 3/16" Aluminum, Swaged Grating..... For Bearing Bars At 15/16" On-Center, Add For Crossbars At 2" On-Center, Add For Serrated Wear Surface, Add For Set In Place Without Bolting, Deduct For Powder Coating, Add	39.25 23.64 2.96 0.16 -2.47 5.54	1.16
05 53 13 00-0061	SF	2" x 3/16" Aluminum, Swaged Grating..... For Bearing Bars At 15/16" On-Center, Add For Crossbars At 2" On-Center, Add For Serrated Wear Surface, Add For Set In Place Without Bolting, Deduct For Powder Coating, Add	44.16 26.78 3.35 0.16 -2.59 6.28	1.16
05 53 13 00-0062	SF	2-1/4" x 3/16" Aluminum, Swaged Grating..... For Bearing Bars At 15/16" On-Center, Add For Crossbars At 2" On-Center, Add For Serrated Wear Surface, Add For Set In Place Without Bolting, Deduct For Powder Coating, Add	49.09 29.94 3.74 0.16 -2.72 7.02	1.16
05 53 13 00-0063	SF	2-1/2" x 3/16" Aluminum, Swaged Grating..... For Bearing Bars At 15/16" On-Center, Add For Crossbars At 2" On-Center, Add For Serrated Wear Surface, Add For Set In Place Without Bolting, Deduct For Powder Coating, Add	54.00 33.08 4.14 0.16 -2.84 7.75	1.16
05 53 13 00-0064		Riveted Grating (05 53 13) Note: Riveted grating is an open grid grating where bearing bars are pre-punched to receive a solid round rivet. Crimp/lacing bars are pre-punched as well and then formed into a reticulated shape. Bearing bars and crimp bars are then assembled and clamped in place by rivets which are cold driven under hydraulic pressure to permanently lock the assembly together.		
05 53 13 00-0065		Steel, Riveted Grating (05 53 13 00-0064) Note: 1" clear opening, bolted or tack welded in place, unpainted steel, all sizes.		
05 53 13 00-0066	SF	3/4" x 1/8", 7.0 LB/SF, Steel, Riveted Grating..... For One Coat Of Shop Applied Paint (Red Or Black), Add For Galvanized Steel, Add For 304 Stainless Steel, Add For 5/8" Clear Opening, Add For Set In Place Without Bolting Or Tack Welding, Deduct	80.77 0.22 3.77 67.40 27.07 -3.51	1.16
05 53 13 00-0067	SF	3/4" x 3/16", 8.5 LB/SF, Steel, Riveted Grating..... For One Coat Of Shop Applied Paint (Red Or Black), Add For Galvanized Steel, Add For 304 Stainless Steel, Add For 5/8" Clear Opening, Add For Set In Place Without Bolting Or Tack Welding, Deduct	95.14 0.22 4.46 79.74 32.03 -3.87	1.16
05 53 13 00-0068	SF	1" x 1/8", 8.0 LB/SF, Steel, Riveted Grating..... For One Coat Of Shop Applied Paint (Red Or Black), Add For Galvanized Steel, Add For 304 Stainless Steel, Add For 5/8" Clear Opening, Add For Serrated Wear Surface, Add For Set In Place Without Bolting Or Tack Welding, Deduct	87.39 0.22 4.08 73.08 29.35 0.16 -3.67	1.16
05 53 13 00-0069	SF	1" x 3/16", 9.5 LB/SF, Steel, Riveted Grating..... For One Coat Of Shop Applied Paint (Red Or Black), Add For Galvanized Steel, Add For 304 Stainless Steel, Add For 5/8" Clear Opening, Add For Serrated Wear Surface, Add For Set In Place Without Bolting Or Tack Welding, Deduct	100.61 0.22 4.72 84.44 33.91 0.16 -4.01	1.16
05 53 13 00-0070	SF	1-1/4" x 1/8", 9.0 LB/SF, Steel, Riveted Grating..... For One Coat Of Shop Applied Paint (Red Or Black), Add For Galvanized Steel, Add For 304 Stainless Steel, Add For 5/8" Clear Opening, Add For Serrated Wear Surface, Add For Set In Place Without Bolting Or Tack Welding, Deduct	92.86 0.22 4.35 77.78 31.24 0.16 -3.81	1.16

05 Metals**05 50 Metal Fabrications****05 53 Metal Gratings**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 53 13 00-0071 SF 1-1/4" x 3/16", 11.1 LB/SF, Steel, Riveted Grating For One Coat Of Shop Applied Paint (Red Or Black), Add For Galvanized Steel, Add For 304 Stainless Steel, Add For 5/8" Clear Opening, Add For Serrated Wear Surface, Add For Set In Place Without Bolting Or Tack Welding, Deduct	110.80 0.22 5.21 93.19 37.43 0.16 -4.26	1.16
05 53 13 00-0072 SF 1-1/2" x 1/8", 10.1 LB/SF, Steel, Riveted Grating For One Coat Of Shop Applied Paint (Red Or Black), Add For Galvanized Steel, Add For 304 Stainless Steel, Add For 5/8" Clear Opening, Add For Serrated Wear Surface, Add For Set In Place Without Bolting Or Tack Welding, Deduct	98.67 0.22 4.60 82.32 33.06 0.16 -4.30	1.42
05 53 13 00-0073 SF 1-1/2" x 3/16", 12.5 LB/SF, Steel, Riveted Grating For One Coat Of Shop Applied Paint (Red Or Black), Add For Galvanized Steel, Add For 304 Stainless Steel, Add For 5/8" Clear Opening, Add For Serrated Wear Surface, Add For Set In Place Without Bolting Or Tack Welding, Deduct	117.85 0.22 5.52 98.79 39.68 0.16 -4.78	1.42
05 53 13 00-0074 SF 1-3/4" x 3/16", 14.0 LB/SF, Steel, Riveted Grating For One Coat Of Shop Applied Paint (Red Or Black), Add For Galvanized Steel, Add For 304 Stainless Steel, Add For 5/8" Clear Opening, Add For Serrated Wear Surface, Add For Set In Place Without Bolting Or Tack Welding, Deduct	127.63 0.22 5.99 107.19 43.05 0.16 -5.02	1.42
05 53 13 00-0075 SF 2" x 3/16", 17.0 LB/SF, Steel, Riveted Grating For One Coat Of Shop Applied Paint (Red Or Black), Add For Galvanized Steel, Add For 304 Stainless Steel, Add For 5/8" Clear Opening, Add For Serrated Wear Surface, Add For Set In Place Without Bolting Or Tack Welding, Deduct	149.48 0.22 7.04 125.96 50.59 0.16 -5.57	1.42
05 53 13 00-0076 SF 2-1/4" x 3/16", 18.5 LB/SF, Steel, Riveted Grating For One Coat Of Shop Applied Paint (Red Or Black), Add For Galvanized Steel, Add For 304 Stainless Steel, Add For 5/8" Clear Opening, Add For Serrated Wear Surface, Add For Set In Place Without Bolting Or Tack Welding, Deduct	157.09 0.22 7.40 132.50 53.22 0.16 -5.76	1.42
05 53 13 00-0077 SF 2-1/2" x 3/16", 20.0 LB/SF, Steel, Riveted Grating For One Coat Of Shop Applied Paint (Red Or Black), Add For Galvanized Steel, Add For 304 Stainless Steel, Add For 5/8" Clear Opening, Add For Serrated Wear Surface, Add For Set In Place Without Bolting Or Tack Welding, Deduct	163.87 0.22 7.73 138.32 55.56 0.16 -5.93	1.42
05 53 13 00-0078 Aluminum, Riveted Grating (05 53 13 00-0064) Note: 1" clear opening, bolted in place and in all sizes.		
05 53 13 00-0079 SF 3/4" x 1/8", 2.4 LB/SF, Aluminum, Riveted Grating For 5/8" Clear Opening, Add For Powder Coating, Add For Set In Place Without Bolting, Deduct	42.88 14.00 6.09 -2.56	1.16
05 53 13 00-0080 SF 3/4" x 3/16", 2.9 LB/SF, Aluminum, Riveted Grating For 5/8" Clear Opening, Add For Powder Coating, Add For Set In Place Without Bolting, Deduct	50.91 16.77 7.29 -2.76	1.16
05 53 13 00-0081 SF 1" x 1/8", 2.7 LB/SF, Aluminum, Riveted Grating For 5/8" Clear Opening, Add For Serrated Wear Surface, Add For Powder Coating, Add For Set In Place Without Bolting, Deduct	47.17 15.48 0.16 6.73 -2.67	1.16
05 53 13 00-0082 SF 1" x 3/16", 3.2 LB/SF, Aluminum, Riveted Grating For 5/8" Clear Opening, Add For Serrated Wear Surface, Add For Powder Coating, Add For Set In Place Without Bolting, Deduct	55.01 18.18 0.16 7.91 -2.87	1.16
05 53 13 00-0083 SF 1-1/4" x 1/8", 3.1 LB/SF, Aluminum, Riveted Grating For 5/8" Clear Opening, Add For Serrated Wear Surface, Add For Powder Coating, Add For Set In Place Without Bolting, Deduct	52.91 17.46 0.16 7.59 -2.81	1.16
05 53 13 00-0084 SF 1-1/4" x 3/16", 3.8 LB/SF, Aluminum, Riveted Grating For 5/8" Clear Opening, Add For Serrated Wear Surface, Add For Powder Coating, Add For Set In Place Without Bolting, Deduct	63.79 21.21 0.16 9.22 -3.08	1.16
05 53 13 00-0085 SF 1-1/2" x 1/8", 3.4 LB/SF, Aluminum, Riveted Grating For 5/8" Clear Opening, Add For Serrated Wear Surface, Add For Powder Coating, Add For Set In Place Without Bolting, Deduct	56.83 18.81 0.16 8.18 -2.91	1.16



Metals			05
Metal Fabrications			05 50
Metal Gratings			05 53

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 53 13 00-0086	SF		1-1/2" x 3/16", 4.3 LB/SF, Aluminum, Riveted Grating.....	70.65	1.16
			For 5/8" Clear Opening, Add	23.58	
			For Serrated Wear Surface, Add	0.16	
			For Powder Coating, Add	10.25	
			For Set In Place Without Bolting, Deduct	-3.26	
05 53 13 00-0087	SF		1-3/4" x 3/16", 4.8 LB/SF, Aluminum, Riveted Grating.....	77.90	1.16
			For 5/8" Clear Opening, Add	26.08	
			For Serrated Wear Surface, Add	0.16	
			For Powder Coating, Add	11.34	
			For Set In Place Without Bolting, Deduct	-3.44	
05 53 13 00-0088	SF		2" x 3/16", 5.8 LB/SF, Aluminum, Riveted Grating.....	92.78	1.16
			For 5/8" Clear Opening, Add	31.21	
			For Serrated Wear Surface, Add	0.16	
			For Powder Coating, Add	13.57	
			For Set In Place Without Bolting, Deduct	-3.61	
05 53 13 00-0089	SF		2-1/4" x 3/16", 6.4 LB/SF, Aluminum, Riveted Grating.....	101.23	1.16
			For 5/8" Clear Opening, Add	34.13	
			For Serrated Wear Surface, Add	0.16	
			For Powder Coating, Add	14.84	
			For Set In Place Without Bolting, Deduct	-4.02	
05 53 13 00-0090	SF		2-1/2" x 3/16", 7.2 LB/SF, Aluminum, Riveted Grating.....	112.55	1.16
			For 5/8" Clear Opening, Add	38.03	
			For Serrated Wear Surface, Add	0.16	
			For Powder Coating, Add	16.54	
			For Set In Place Without Bolting, Deduct	-4.30	

05 53 16 Plank Gratings (05 53)

05 53 16 00-0001 Grate-Lock Steel Plank Grating (05 53 16)

Note: Smooth or traction grip surface.

05 53 16 00-0002	SF		1-1/2" Height, 18 Gauge Steel Grate-Lock Plank Grating.....	17.67	0.89
			For Stair Tread Application, Add	2.04	
05 53 16 00-0003	SF		2-1/2" Height, 18 Gauge Steel Grate-Lock Plank Grating.....	18.85	1.10
			For Stair Tread Application, Add	2.22	
05 53 16 00-0004	SF		3" Height, 18 Gauge Steel Grate-Lock Plank Grating.....	19.87	1.21
			For Stair Tread Application, Add	2.35	
05 53 16 00-0005	SF		4" Height, 18 Gauge Steel Grate-Lock Plank Grating.....	21.70	1.32
			For Stair Tread Application, Add	2.56	
05 53 16 00-0006	SF		1-1/2" Height, 16 Gauge Steel Grate-Lock Plank Grating.....	21.52	1.00
			For Stair Tread Application, Add	2.45	
05 53 16 00-0007	SF		2-1/2" Height, 16 Gauge Steel Grate-Lock Plank Grating.....	22.89	1.21
			For Stair Tread Application, Add	2.65	
05 53 16 00-0008	SF		1-1/2" Height, 14 Gauge Steel Grate-Lock Plank Grating.....	26.42	1.16
			For Stair Tread Application, Add	2.99	
05 53 16 00-0009	SF		2-1/2" Height, 14 Gauge Steel Grate-Lock Plank Grating.....	28.12	1.42
			For Stair Tread Application, Add	3.24	
05 53 16 00-0010	SF		3" Height, 14 Gauge Steel Grate-Lock Plank Grating.....	30.08	1.79
			For Stair Tread Application, Add	3.55	
05 53 16 00-0011	SF		4" Height, 14 Gauge Steel Grate-Lock Plank Grating.....	33.20	2.00
			For Stair Tread Application, Add	3.92	

05 54 Metal Floor Plates (05 50)

05 54 00 00-0001 Steel Floor Plates (05 54)

05 54 00 00-0002	SF		16 Gauge Steel Raised Or Diamond Pattern Floor Plates.....	22.44	1.37
05 54 00 00-0003	SF		14 Gauge Steel Raised Or Diamond Pattern Floor Plates.....	25.78	1.37
05 54 00 00-0004	SF		12 Gauge Steel Raised Or Diamond Pattern Floor Plates.....	32.51	1.37
05 54 00 00-0005	SF		1/8" Steel Raised Or Diamond Pattern Floor Plates.....	43.62	1.47
05 54 00 00-0006	SF		1/4" Steel Raised Or Diamond Pattern Floor Plates.....	55.68	1.57

05 54 00 00-0007 Aluminum Alloy Floor Plates (05 54)

05 54 00 00-0008	SF		0.125" Aluminum Alloy Raised Or Diamond Pattern Floor Plate.....	30.08	1.16
			For Powder Coating, Add	4.17	
05 54 00 00-0009	SF		0.188" Aluminum Alloy Raised Or Diamond Pattern Floor Plate.....	34.52	1.37
			For Powder Coating, Add	4.78	
05 54 00 00-0010	SF		0.25" Aluminum Alloy Raised Or Diamond Pattern Floor Plate.....	38.97	1.47
			For Powder Coating, Add	5.40	

05 54 00 00-0011 Type 304 Stainless Steel Floor Plates (05 54)

05 54 00 00-0012	SF		1/8" Type 304 Stainless Steel Raised Or Diamond Pattern Floor Plate.....	39.10	1.57
05 54 00 00-0013	SF		3/16" Type 304 Stainless Steel Raised Or Diamond Pattern Floor Plate.....	46.76	1.79
05 54 00 00-0014	SF		1/4" Type 304 Stainless Raised Or Diamond Pattern Steel Floor Plate.....	60.61	2.11

05 55 Metal Stair Treads and Nosings (05 50)

05 55 13 Metal Stair Treads (05 55)

05 55 13 00-0001 Abrasive Cast Aluminum Stair Treads (05 55 13)

Note: Includes abrasive diamond pattern surface and anchors. Excludes stringers.

05 Metals**05 50 Metal Fabrications****05 55 Metal Stair Treads and Nosings**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 55 13 00-0002 LF 8" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Stair Tread <i>For 3/8" Thick, Add</i>	70.89 15.34	5.97
05 55 13 00-0003 LF 9" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Stair Tread <i>For 3/8" Thick, Add</i>	78.27 17.18	5.97
05 55 13 00-0004 LF 10" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Stair Tread <i>For 3/8" Thick, Add</i>	85.63 19.02	5.97
05 55 13 00-0005 LF 11" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Stair Tread <i>For 3/8" Thick, Add</i>	93.04 20.87	5.97
05 55 13 00-0006 LF 12" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Stair Tread <i>For 3/8" Thick, Add</i>	100.38 22.71	5.97
05 55 13 00-0007 Abrasive Cast Iron Stair Treads (05 55 13) Note: Includes abrasive diamond pattern surface and anchors. Excludes stringers.		
05 55 13 00-0008 LF 8" Depth, 3/8" Thick, 1/4" Lip, Abrasive Cast Iron Stair Tread	99.52	5.97
05 55 13 00-0009 LF 9" Depth, 3/8" Thick, 1/4" Lip, Abrasive Cast Iron Stair Tread	110.46	5.97
05 55 13 00-0010 LF 10" Depth, 3/8" Thick, 1/4" Lip, Abrasive Cast Iron Stair Tread	121.42	5.97
05 55 13 00-0011 LF 11" Depth, 3/8" Thick, 1/4" Lip, Abrasive Cast Iron Stair Tread	132.35	5.97
05 55 13 00-0012 LF 12" Depth, 3/8" Thick, 1/4" Lip, Abrasive Cast Iron Stair Tread	143.31	5.97
05 55 13 00-0013 Aluminum/Ceramic Grit Coating, Extruded Aluminum Safety Stair Treads (05 55 13) Note: Includes extruded aluminum base with diamond hard aluminum oxide abrasive filler/surface. Includes anchors. Excludes stringers.		
05 55 13 00-0014 LF 6-1/2" Depth, 5/32" Thick, 1-1/16" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Safety Stair Tread	36.36	5.97
05 55 13 00-0015 LF 9" Depth, 5/32" Thick, 1-1/16" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Safety Stair Tread	43.05	5.97
05 55 13 00-0016 LF 11" Depth, 5/32" Thick, 1-1/16" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Safety Stair Tread	46.00	5.97
05 55 13 00-0017 Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Treads (05 55 13) Note: Includes extruded aluminum base with diamond hard aluminum oxide abrasive filler/surface. Includes anchors. Excludes stringers.		
05 55 13 00-0018 LF 8" Depth, 9/32" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Tread <i>For Epoxy Sealed For Corrosive Environment, Add</i> <i>For Two Color Tread, Add</i>	54.82 4.64 3.48	5.97
05 55 13 00-0019 LF 9" Depth, 9/32" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Tread <i>For Epoxy Sealed For Corrosive Environment, Add</i> <i>For Two Color Tread, Add</i>	55.38 4.64 3.48	5.97
05 55 13 00-0020 LF 11" Depth, 9/32" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Tread <i>For Epoxy Sealed For Corrosive Environment, Add</i> <i>For Two Color Tread, Add</i>	67.41 4.64 3.48	5.97
05 55 13 00-0021 LF 12" Depth, 9/32" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Tread <i>For Epoxy Sealed For Corrosive Environment, Add</i> <i>For Two Color Tread, Add</i>	77.95 4.64 3.48	5.97
05 55 13 00-0022 LF 15" Depth, 9/32" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Tread <i>For Epoxy Sealed For Corrosive Environment, Add</i> <i>For Two Color Tread, Add</i>	91.69 4.64 3.48	5.97
05 55 13 00-0023 Stair Landing Treads (05 55 13)		
05 55 13 00-0024 Abrasive Cast Aluminum Stair Landing Treads (05 55 13 00-0023) Note: Includes abrasive diamond pattern surface and anchors.		
05 55 13 00-0025 SF 5/16" Thick, Abrasive Cast Aluminum Landing Treads <i>For 3/8" Thick, Add</i>	100.38 22.71	5.97
05 55 13 00-0026 Abrasive Cast Iron Stair Landing Treads (05 55 13 00-0023) Note: Includes abrasive diamond pattern surface and anchors.		
05 55 13 00-0027 SF 3/8" Thick, Abrasive Cast Iron Landing Treads	143.31	5.97
05 55 13 00-0028 Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Landing Treads (05 55 13 00-0023) Note: Includes extruded aluminum base with diamond hard aluminum oxide abrasive filler/surface. Includes anchors.		
05 55 13 00-0029 SF 9/32" Thick, Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Landing Treads <i>For Epoxy Sealed For Corrosive Environment, Add</i>	92.90 4.64	5.97
05 55 13 00-0030 Open Cast Iron Stair Tread (05 55 13) Note: Includes steel stringers, safety nosing and 2 pipe handrail. Excludes landings.		
05 55 13 00-0031 RSR 3'-6" Wide, Open Cast Iron Stair Tread <i>For Closed Riser, Add</i>	789.01 67.75	42.08
05 55 13 00-0032 RSR 4'-0" Wide, Open Cast Iron Stair Tread <i>For Closed Riser, Add</i>	882.39 75.61	48.39
05 55 13 00-0033 RSR 5'-0" Wide, Open Cast Iron Stair Tread <i>For Closed Riser, Add</i>	970.65 83.08	56.81
05 55 16 Metal Stair Nosings (05 55)		



	Metals	05	05
	Metal Fabrications	05 50	
	Metal Stair Treads and Nosings	05 55	

MINOR		TOTAL DIRECT		DEMOLITION	
CSI UOM DESCRIPTION		UNIT COST		UNIT COST	
05 55 16 00-0001 Abrasive Cast Aluminum Nosings (05 55 16)					
Note: Includes abrasive diamond pattern surface and anchors.					
05 55 16 00-0002	LF 3" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Nosing.....	29.35		4.07	
	For 3/8" Thick, Add	5.71			
05 55 16 00-0003	LF 4" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Nosing.....	36.48		4.07	
	For 3/8" Thick, Add	7.49			
05 55 16 00-0004	LF 6" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Nosing.....	52.37		4.07	
	For 3/8" Thick, Add	11.47			
05 55 16 00-0005 Abrasive Cast Iron Nosings (05 55 16)					
Note: Includes abrasive diamond pattern surface and anchors.					
05 55 16 00-0006	LF 3" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Iron Nosing.....	34.56		4.07	
	For 3/8" Thick, Add	7.01			
05 55 16 00-0007	LF 4" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Iron Nosing.....	43.33		4.07	
	For 3/8" Thick, Add	9.21			
05 55 16 00-0008	LF 6" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Iron Nosing.....	60.68		4.07	
	For 3/8" Thick, Add	13.54			
05 55 16 00-0009 Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosings (05 55 16)					
Note: Includes extruded aluminum base with diamond hard aluminum oxide abrasive filler/surface. Includes anchors.					
05 55 16 00-0010	LF 1-7/8" Depth, 1/4" Thick, 1/4" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing.....	24.52		4.07	
05 55 16 00-0011	LF 3" Depth, 1/4" Thick, 1/4" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing.....	27.96		4.07	
05 55 16 00-0012	LF 4" Depth, 1/4" Thick, 1/4" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing.....	30.58		4.07	
05 55 16 00-0013	LF 6" Depth, 1/4" Thick, 1/4" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing.....	38.74		4.07	
05 55 16 00-0014	LF 1-7/8" Depth, 1/4" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing.....	25.45		4.07	
05 55 16 00-0015	LF 3" Depth, 1/4" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing.....	28.38		4.07	
05 55 16 00-0016	LF 4" Depth, 1/4" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing.....	31.28		4.07	
05 55 16 00-0017	LF 3" Depth, 1/4" Thick, 1-3/4" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing.....	29.52		4.07	
05 56 Metal Castings (05 50)					
05 56 00 00-0001 Castings (05 56)					
05 56 00 00-0002	LB Up To 150 LB, Miscellaneous Castings, Light Section.....	6.12		0.52	
05 56 00 00-0003	LB >150 LB, Miscellaneous Castings, Heavy Section.....	10.69		0.42	
05 58 Formed Metal Fabrications (05 50)					
05 58 13 Column Covers (05 58)					
05 58 13 00-0001 Architectural Column Cover, Aluminum (05 58 13)					
Note: Includes snapform column joint, anodized finish, and column collars at top and bottom (Pittcon Series 1500).					
05 58 13 00-0002	LF 10" Diameter Architectural Column Cover, Aluminum, Anodized Finish, Snapform Section.....	138.74			
	Note: Includes column base and top collar.				
05 58 13 00-0003	LF 12" Diameter Architectural Column Cover, Aluminum, Anodized Finish, Snapform Section.....	163.49			
	Note: Includes column base and top collar.				
05 58 13 00-0004	LF 14" Diameter Architectural Column Cover, Aluminum, Anodized Finish, Snapform Section.....	195.74			
	Note: Includes column base and top collar.				
05 58 13 00-0005	LF 16" Diameter Architectural Column Cover, Aluminum, Anodized Finish, Snapform Section.....	220.49			
	Note: Includes column base and top collar.				
05 58 13 00-0006	LF 18" Diameter Architectural Column Cover, Aluminum, Anodized Finish, Snapform Section.....	248.23			
	Note: Includes column base and top collar.				
05 58 13 00-0007	LF 20" Diameter Architectural Column Cover, Aluminum, Anodized Finish, Snapform Section.....	275.68			
	Note: Includes column base and top collar.				
05 58 13 00-0008	LF 24" Diameter Architectural Column Cover, Aluminum, Anodized Finish, Snapform Section.....	328.56			
	Note: Includes column base and top collar.				
05 58 13 00-0009	LF 30" Diameter Architectural Column Cover, Aluminum, Anodized Finish, Snapform Section.....	407.62			
	Note: Includes column base and top collar.				
05 58 13 00-0010	LF 36" Diameter Architectural Column Cover, Aluminum, Anodized Finish, Snapform Section.....	444.70			
	Note: Includes column base and top collar.				
05 58 13 00-0011	LF 42" Diameter Architectural Column Cover, Aluminum, Anodized Finish, Snapform Section.....	481.78			
	Note: Includes column base and top collar.				
05 58 13 00-0012	LF 48" Diameter Architectural Column Cover, Aluminum, Anodized Finish, Snapform Section.....	544.14			
	Note: Includes column base and top collar.				
05 58 13 00-0013	LF 54" Diameter Architectural Column Cover, Aluminum, Anodized Finish, Snapform Section.....	636.58			
	Note: Includes column base and top collar.				
05 58 13 00-0014 Monolithic Column Cover, Aluminum (05 58 13)					
Note: Includes painted, and column collars at top and bottom (Pittcon Series 100).					
05 58 13 00-0015	LF 7" Diameter Monolithic Column Cover, Aluminum, Factory.....	52.22			
05 58 13 00-0016	LF 8" Diameter Monolithic Column Cover, Aluminum, Factory.....	59.37			
05 58 13 00-0017	LF 9" Diameter Monolithic Column Cover, Aluminum, Factory.....	66.38			
05 58 13 00-0018	LF 10" Diameter Monolithic Column Cover, Aluminum, Factory.....	73.63			
05 58 13 00-0019	LF 12" Diameter Monolithic Column Cover, Aluminum, Factory Primed.....	87.58			
	Note: Including Column Base And Top Collar				

05 Metals**05 50 Metal Fabrications****05 58 Formed Metal Fabrications**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

05 58 16 Formed Metal Enclosures (05 58)

05 58 16 00-0001	Drip Pan (05 58 16)		
05 58 16 00-0002	SF Stainless Steel Drip Pan	112.23	5.93
05 58 16 00-0003	SF Galvanized Steel Drip Pan	110.84	5.93
05 58 16 00-0004	SF Aluminum Drip Pan	77.62	4.74
05 58 16 00-0005	SF Plastic Drip Pan	19.20	4.15

05 58 23 Formed Metal Guards (05 58)

05 58 23 00-0001	Protective Guard Rails (05 58 23)		
	Note: Includes painted finish.		
05 58 23 00-0002	2-Rib, 11 Gauge Steel, Protective Guard Rails (05 58 23 00-0001)		
	Note: Steel King Armor Guard.		
05 58 23 00-0003	Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rails (05 58 23 00-0002)		
	Note: Excludes posts. Includes fasteners.		
05 58 23 00-0004	EA 1' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	204.67	19.53
05 58 23 00-0005	EA 2' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	241.59	19.53
05 58 23 00-0006	EA 3' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	276.42	19.53
05 58 23 00-0007	EA 4' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	313.34	19.53
05 58 23 00-0008	EA 5' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	348.36	19.53
05 58 23 00-0009	EA 6' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	393.76	19.53
05 58 23 00-0010	EA 7' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	424.69	19.53
05 58 23 00-0011	EA 8' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	472.59	19.53
05 58 23 00-0012	EA 9' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	504.02	19.53
05 58 23 00-0013	EA 10' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	526.47	19.53

05 58 23 00-0014	Posts For 2-Rib Guard Rails (05 58 23 00-0002)		
	Note: Includes drilling, surface mounting plate and anchors.		
05 58 23 00-0015	EA 12" Height, Single Rail Post For 2-Rib Guard Rails	408.66	40.69
05 58 23 00-0016	EA 42" Height, Triple Rail Post For 2-Rib Guard Rails	536.88	40.69

05 58 23 00-0017	3-Rib, 11 Gauge Steel, Protective Guard Rails (05 58 23 00-0001)		
	Note: Steel King Steel Guard.		
05 58 23 00-0018	Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rails (05 58 23 00-0017)		
	Note: Excludes posts. Includes fasteners.		
05 58 23 00-0019	EA 1' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	226.92	19.53
05 58 23 00-0020	EA 2' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	251.47	19.53
05 58 23 00-0021	EA 3' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	282.10	19.53
05 58 23 00-0022	EA 4' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	310.74	19.53
05 58 23 00-0023	EA 5' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	343.87	19.53
05 58 23 00-0024	EA 6' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	359.83	19.53
05 58 23 00-0025	EA 7' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	398.25	19.53
05 58 23 00-0026	EA 8' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	430.68	19.53
05 58 23 00-0027	EA 9' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	465.10	19.53
05 58 23 00-0028	EA 10' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	500.03	19.53

05 58 23 00-0029	Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rails (05 58 23 00-0017)		
	Note: Excludes posts. Includes fasteners and lift-out mounting plate.		
05 58 23 00-0030	EA 1' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	337.38	19.53
05 58 23 00-0031	EA 2' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	364.32	19.53
05 58 23 00-0032	EA 3' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	392.26	19.53
05 58 23 00-0033	EA 4' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	424.69	19.53
05 58 23 00-0034	EA 5' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	457.12	19.53
05 58 23 00-0035	EA 6' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	483.56	19.53
05 58 23 00-0036	EA 7' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	514.00	19.53
05 58 23 00-0037	EA 8' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	548.42	19.53
05 58 23 00-0038	EA 9' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	585.34	19.53
05 58 23 00-0039	EA 10' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	617.77	19.53

05 58 23 00-0040	Posts For 3-Rib Guard Rails (05 58 23 00-0017)		
	Note: Includes drilling, surface mounting plate and anchors.		
05 58 23 00-0041	EA 18" Height, Single Rail Post For 3-Rib Guard Rails	357.58	40.69
05 58 23 00-0042	EA 42" Height, Double Rail Post For 3-Rib Guard Rails	461.55	40.69

05 58 23 00-0043	All-Welded, Protective Guards (05 58 23)		
	Note: Surface mounted inverted-U style protective barriers. Includes painted finish, drilling, surface mounting plate and anchors.		

05 58 23 00-0044	All-Welded, Protective Guards (05 58 23 00-0043)		
05 58 23 00-0045	EA 36" Length, 9" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	466.22	54.25
05 58 23 00-0046	EA 48" Length, 9" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	491.16	54.25
05 58 23 00-0047	EA 36" Length, 16" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	505.63	54.25
05 58 23 00-0048	EA 48" Length, 16" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	527.08	54.25



		Metals	05	05
		Metal Fabrications	05 50	
		Formed Metal Fabrications	05 58	

MINOR		TOTAL DIRECT		DEMOLITION
CSI UOM DESCRIPTION		UNIT COST		UNIT COST
05 58 23 00-0049	EA 36" Length, 24" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard.....	522.09		54.25
05 58 23 00-0050	EA 48" Length, 24" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard.....	548.54		54.25
05 58 23 00-0051	EA 36" Length, 36" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard.....	556.02		54.25
05 58 23 00-0052	EA 48" Length, 36" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard.....	564.50		54.25
05 58 23 00-0053	EA 48" Length, 42" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard.....	604.91		54.25
05 58 23 00-0054 Corner Style, All-Welded, Protective Guards (05 58 23 00-0043)				
05 58 23 00-0055	EA 24" Length, 24" Height, 4-1/2" Diameter Steel Pipe, Corner Style, All-Welded, Protective Guard.....	620.88		54.25
05 58 23 00-0056	EA 30" Length, 24" Height, 4-1/2" Diameter Steel Pipe, Corner Style, All-Welded, Protective Guard.....	650.81		54.25
05 58 23 00-0057	EA 24" Length, 36" Height, 4-1/2" Diameter Steel Pipe, Corner Style, All-Welded, Protective Guard.....	663.29		54.25
05 58 23 00-0058	EA 30" Length, 36" Height, 4-1/2" Diameter Steel Pipe, Corner Style, All-Welded, Protective Guard.....	724.65		54.25
05 58 23 00-0059 Warehouse Safety Bollards (05 58 23)				
Note: Includes painted finish, drilling, surface mounting plate and anchors.				
05 58 23 00-0060	EA 24" Height, 4-1/2" Diameter Steel Pipe, Bolt Down, Warehouse Safety Bollard.....	301.57		40.69
05 58 23 00-0061	EA 36" Height, 4-1/2" Diameter Steel Pipe, Bolt Down, Warehouse Safety Bollard.....	350.86		40.69
05 58 23 00-0062	EA 42" Height, 4-1/2" Diameter Steel Pipe, Bolt Down, Warehouse Safety Bollard.....	403.05		40.69
05 58 23 00-0063	EA 36" Height, 5-1/2" Diameter Steel Pipe, Bolt Down, Warehouse Safety Bollard.....	417.32		40.69
05 58 23 00-0064	EA 42" Height, 5-1/2" Diameter Steel Pipe, Bolt Down, Warehouse Safety Bollard.....	450.25		40.69
05 59 Metal Specialties (05 50)				
05 59 65 Metal Chain (05 59)				
05 59 65 00-0001 Alloy Steel Chain, Self Colored, Cut Length (05 59 65)				
Note: Includes all connecting links, double clevis mid-links, slip or grab hooks, or shackles as required.				
05 59 65 00-0002	LF 3/16" Diameter Alloy Steel Chain, Cut Length, Self Colored.....	7.00		1.02
For Plastic Dipped, Add		0.74		
05 59 65 00-0003	LF 1/4" Diameter Alloy Steel Chain, Cut Length, Self Colored.....	8.01		1.35
For Plastic Dipped, Add		0.80		
05 59 65 00-0004	LF 3/8" Diameter Alloy Steel Chain, Cut Length, Self Colored.....	12.55		2.71
For Plastic Dipped, Add		1.07		
05 59 65 00-0005	LF 1/2" Diameter Alloy Steel Chain, Cut Length, Self Colored.....	20.11		4.57
For Plastic Dipped, Add		1.64		
05 59 65 00-0006	LF 5/8" Diameter Alloy Steel Chain, Cut Length, Self Colored.....	33.94		7.72
For Plastic Dipped, Add		2.78		
05 59 65 00-0007	LF 3/4" Diameter Alloy Steel Chain, Cut Length, Self Colored.....	47.64		10.83
For Plastic Dipped, Add		3.90		
05 59 65 00-0008	LF 7/8" Diameter Alloy Steel Chain, Cut Length, Self Colored.....	65.16		13.54
For Plastic Dipped, Add		5.71		
05 59 65 00-0009	LF 1" Diameter Alloy Steel Chain, Cut Length, Self Colored.....	94.49		18.05
For Plastic Dipped, Add		8.76		
05 59 65 00-0010	LF 1-1/4" Diameter Alloy Steel Chain, Cut Length, Self Colored.....	154.06		27.09
For Plastic Dipped, Add		14.98		
05 59 65 00-0011 316L Stainless Steel Chain, Cut Length (05 59 65)				
05 59 65 00-0012	CLF 1/8" Diameter 316L Stainless Steel Chain, Cut Length.....	2,679.80		90.25
05 59 65 00-0013	CLF 3/16" Diameter 316L Stainless Steel Chain, Cut Length.....	3,298.00		108.34
05 59 65 00-0014	CLF 9/32" Diameter 316L Stainless Steel Chain, Cut Length.....	4,134.18		135.43
05 59 65 00-0015	CLF 5/16" Diameter 316L Stainless Steel Chain, Cut Length.....	5,585.34		180.62
05 59 65 00-0016	CLF 3/8" Diameter 316L Stainless Steel Chain, Cut Length.....	6,346.38		270.87
05 59 65 00-0017	CLF 1/2" Diameter 316L Stainless Steel Chain, Cut Length.....	9,572.78		451.49
05 59 69 Metal Panels (05 59)				
05 59 69 00-0001 Woven And Welded Wire Cloth (05 59 69)				
Note: Excludes frame and fastening to frame. See CSI section 05 05 21 00-0004 for spot welding.				
05 59 69 00-0002 Plain Steel Woven And Welded Wire Cloth Panels (05 59 69 00-0001)				
05 59 69 00-0003 2" Square Wire Spacing (05 59 69 00-0002)				
05 59 69 00-0004	SF 0.12" Thick Wire, 2" Spacing, 0.44 LB/SF Woven And Welded Wire Cloth Panels.....	9.78		2.89
For Up To 2, Add		2.73		
For >2 To 6, Add		1.56		
For >15 To 40, Deduct		-0.30		
For >40, Deduct		-0.89		
For Galvanized, Add		2.60		
For Aluminum, Add		3.55		
For 304 Stainless Steel, Add		14.21		
For 316 Stainless Steel, Add		16.28		
05 59 69 00-0005	SF 0.135" Thick Wire, 2" Spacing, 0.55 LB/SF Woven And Welded Wire Cloth Panels.....	10.52		3.01
For Up To 2, Add		2.91		
For >2 To 6, Add		1.66		
For >15 To 40, Deduct		-0.33		
For >40, Deduct		-0.98		
For Galvanized, Add		2.86		
For Aluminum, Add		3.90		
For 304 Stainless Steel, Add		15.60		
For 316 Stainless Steel, Add		17.88		

05 Metals**05 50 Metal Fabrications****05 59 Metal Specialties**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 59 69 00-0006	SF		0.148" Thick Wire, 2" Spacing, 0.65 LB/SF Woven And Welded Wire Cloth Panels	11.18	3.34
			For Up To 2, Add	3.13	
			For >2 To 6, Add	1.79	
			For >15 To 40, Deduct	-0.34	
			For >40, Deduct	-1.01	
			For Galvanized, Add	2.96	
			For Aluminum, Add	4.04	
			For 304 Stainless Steel, Add	16.15	
			For 316 Stainless Steel, Add	18.51	
05 59 69 00-0007	SF		0.162" Thick Wire, 2" Spacing, 0.78 LB/SF Woven And Welded Wire Cloth Panels	11.78	3.48
			For Up To 2, Add	3.28	
			For >2 To 6, Add	1.87	
			For >15 To 40, Deduct	-0.36	
			For >40, Deduct	-1.07	
			For Galvanized, Add	3.15	
			For Aluminum, Add	4.29	
			For 304 Stainless Steel, Add	17.16	
			For 316 Stainless Steel, Add	19.66	
05 59 69 00-0008	SF		0.177" Thick Wire, 2" Spacing, 0.92 LB/SF Woven And Welded Wire Cloth Panels	12.88	3.90
			For Up To 2, Add	3.62	
			For >2 To 6, Add	2.07	
			For >15 To 40, Deduct	-0.38	
			For >40, Deduct	-1.15	
			For Galvanized, Add	3.38	
			For Aluminum, Add	4.61	
			For 304 Stainless Steel, Add	18.43	
			For 316 Stainless Steel, Add	21.12	
05 59 69 00-0009	SF		0.192" Thick Wire, 2" Spacing, 1.08 LB/SF Woven And Welded Wire Cloth Panels	14.81	4.34
			For Up To 2, Add	4.12	
			For >2 To 6, Add	2.35	
			For >15 To 40, Deduct	-0.45	
			For >40, Deduct	-1.35	
			For Galvanized, Add	3.97	
			For Aluminum, Add	5.41	
			For 304 Stainless Steel, Add	21.65	
			For 316 Stainless Steel, Add	24.81	
05 59 69 00-0010	SF		0.207" Thick Wire, 2" Spacing, 1.25 LB/SF Woven And Welded Wire Cloth Panels	16.81	4.78
			For Up To 2, Add	4.64	
			For >2 To 6, Add	2.64	
			For >15 To 40, Deduct	-0.52	
			For >40, Deduct	-1.57	
			For Galvanized, Add	4.59	
			For Aluminum, Add	6.26	
			For 304 Stainless Steel, Add	25.06	
			For 316 Stainless Steel, Add	28.71	
05 59 69 00-0011	SF		0.225" Thick Wire, 2" Spacing, 1.46 LB/SF Woven And Welded Wire Cloth Panels	19.26	5.31
			For Up To 2, Add	5.27	
			For >2 To 6, Add	2.99	
			For >15 To 40, Deduct	-0.61	
			For >40, Deduct	-1.83	
			For Galvanized, Add	5.36	
			For Aluminum, Add	7.31	
			For 304 Stainless Steel, Add	29.26	
			For 316 Stainless Steel, Add	33.52	
05 59 69 00-0012			1-3/4" Square Wire Spacing (05 59 69 00-0002)		
05 59 69 00-0013	SF		0.12" Thick Wire, 1-3/4" Spacing, 0.49 LB/SF Woven And Welded Wire Cloth Panels	10.25	3.06
			For Up To 2, Add	2.87	
			For >2 To 6, Add	1.64	
			For >15 To 40, Deduct	-0.31	
			For >40, Deduct	-0.93	
			For Galvanized, Add	2.71	
			For Aluminum, Add	3.70	
			For 304 Stainless Steel, Add	14.81	
			For 316 Stainless Steel, Add	16.97	
05 59 69 00-0014	SF		0.135" Thick Wire, 1-3/4" Spacing, 0.62 LB/SF Woven And Welded Wire Cloth Panels	11.29	3.22
			For Up To 2, Add	3.12	
			For >2 To 6, Add	1.78	
			For >15 To 40, Deduct	-0.35	
			For >40, Deduct	-1.05	
			For Galvanized, Add	3.07	
			For Aluminum, Add	4.19	
			For 304 Stainless Steel, Add	16.75	
			For 316 Stainless Steel, Add	19.20	
05 59 69 00-0015	SF		0.148" Thick Wire, 1-3/4" Spacing, 0.74 LB/SF Woven And Welded Wire Cloth Panels	12.13	3.62
			For Up To 2, Add	3.39	
			For >2 To 6, Add	1.94	
			For >15 To 40, Deduct	-0.36	
			For >40, Deduct	-1.09	
			For Galvanized, Add	3.21	
			For Aluminum, Add	4.37	
			For 304 Stainless Steel, Add	17.50	
			For 316 Stainless Steel, Add	20.05	



	Metals	05	05
	Metal Fabrications	05 50	
	Metal Specialties	05 59	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 59 69 00-0016	SF		0.162" Thick Wire, 1-3/4" Spacing, 0.88 LB/SF Woven And Welded Wire Cloth Panels	12.68	3.74
			For Up To 2, Add	3.53	
			For >2 To 6, Add	2.02	
			For >15 To 40, Deduct	-0.38	
			For >40, Deduct	-1.15	
			For Galvanized, Add	3.38	
			For Aluminum, Add	4.61	
			For 304 Stainless Steel, Add	18.46	
			For 316 Stainless Steel, Add	21.15	
05 59 69 00-0017	SF		0.177" Thick Wire, 1-3/4" Spacing, 1.04 LB/SF Woven And Welded Wire Cloth Panels	13.86	4.19
			For Up To 2, Add	3.89	
			For >2 To 6, Add	2.22	
			For >15 To 40, Deduct	-0.41	
			For >40, Deduct	-1.24	
			For Galvanized, Add	3.64	
			For Aluminum, Add	4.96	
			For 304 Stainless Steel, Add	19.85	
			For 316 Stainless Steel, Add	22.74	
05 59 69 00-0018	SF		0.192" Thick Wire, 1-3/4" Spacing, 1.22 LB/SF Woven And Welded Wire Cloth Panels	15.94	4.69
			For Up To 2, Add	4.44	
			For >2 To 6, Add	2.53	
			For >15 To 40, Deduct	-0.49	
			For >40, Deduct	-1.46	
			For Galvanized, Add	4.27	
			For Aluminum, Add	5.82	
			For 304 Stainless Steel, Add	23.28	
			For 316 Stainless Steel, Add	26.68	
05 59 69 00-0019	SF		0.207" Thick Wire, 1-3/4" Spacing, 1.41 LB/SF Woven And Welded Wire Cloth Panels	18.07	5.14
			For Up To 2, Add	4.98	
			For >2 To 6, Add	2.83	
			For >15 To 40, Deduct	-0.56	
			For >40, Deduct	-1.68	
			For Galvanized, Add	4.94	
			For Aluminum, Add	6.73	
			For 304 Stainless Steel, Add	26.93	
			For 316 Stainless Steel, Add	30.86	
05 59 69 00-0020	SF		0.225" Thick Wire, 1-3/4" Spacing, 1.65 LB/SF Woven And Welded Wire Cloth Panels	20.74	5.71
			For Up To 2, Add	5.67	
			For >2 To 6, Add	3.22	
			For >15 To 40, Deduct	-0.66	
			For >40, Deduct	-1.97	
			For Galvanized, Add	5.77	
			For Aluminum, Add	7.87	
			For 304 Stainless Steel, Add	31.49	
			For 316 Stainless Steel, Add	36.08	
05 59 69 00-0021			1-1/2" Square Wire Spacing (05 59 69 00-0002)		
05 59 69 00-0022	SF		0.12" Thick Wire, 1-1/2" Spacing, 0.57 LB/SF Woven And Welded Wire Cloth Panels	11.36	3.41
			For Up To 2, Add	3.18	
			For >2 To 6, Add	1.82	
			For >15 To 40, Deduct	-0.34	
			For >40, Deduct	-1.02	
			For Galvanized, Add	3.01	
			For Aluminum, Add	4.10	
			For 304 Stainless Steel, Add	16.39	
			For 316 Stainless Steel, Add	18.78	
05 59 69 00-0023	SF		0.135" Thick Wire, 1-1/2" Spacing, 0.72 LB/SF Woven And Welded Wire Cloth Panels	12.49	3.58
			For Up To 2, Add	3.45	
			For >2 To 6, Add	1.96	
			For >15 To 40, Deduct	-0.39	
			For >40, Deduct	-1.16	
			For Galvanized, Add	3.40	
			For Aluminum, Add	4.63	
			For 304 Stainless Steel, Add	18.53	
			For 316 Stainless Steel, Add	21.23	
05 59 69 00-0024	SF		0.148" Thick Wire, 1-1/2" Spacing, 0.85 LB/SF Woven And Welded Wire Cloth Panels	13.27	3.97
			For Up To 2, Add	3.71	
			For >2 To 6, Add	2.12	
			For >15 To 40, Deduct	-0.40	
			For >40, Deduct	-1.20	
			For Galvanized, Add	3.51	
			For Aluminum, Add	4.79	
			For 304 Stainless Steel, Add	19.15	
			For 316 Stainless Steel, Add	21.95	
05 59 69 00-0025	SF		0.162" Thick Wire, 1-1/2" Spacing, 1.02 LB/SF Woven And Welded Wire Cloth Panels	13.99	4.13
			For Up To 2, Add	3.90	
			For >2 To 6, Add	2.22	
			For >15 To 40, Deduct	-0.42	
			For >40, Deduct	-1.27	
			For Galvanized, Add	3.74	
			For Aluminum, Add	5.09	
			For 304 Stainless Steel, Add	20.38	
			For 316 Stainless Steel, Add	23.35	

05 Metals**05 50 Metal Fabrications****05 59 Metal Specialties**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 59 69 00-0026	SF		0.177" Thick Wire, 1-1/2" Spacing, 1.2 LB/SF Woven And Welded Wire Cloth Panels	15.25	4.61
			For Up To 2, Add	4.28	
			For >2 To 6, Add	2.45	
			For >15 To 40, Deduct	-0.45	
			For >40, Deduct	-1.36	
			For Galvanized, Add	4.00	
			For Aluminum, Add	5.45	
			For 304 Stainless Steel, Add	21.82	
			For 316 Stainless Steel, Add	25.00	
05 59 69 00-0027	SF		0.192" Thick Wire, 1-1/2" Spacing, 1.4 LB/SF Woven And Welded Wire Cloth Panels	17.42	5.12
			For Up To 2, Add	4.85	
			For >2 To 6, Add	2.76	
			For >15 To 40, Deduct	-0.53	
			For >40, Deduct	-1.59	
			For Galvanized, Add	4.67	
			For Aluminum, Add	6.37	
			For 304 Stainless Steel, Add	25.46	
			For 316 Stainless Steel, Add	29.18	
05 59 69 00-0028	SF		0.207" Thick Wire, 1-1/2" Spacing, 1.62 LB/SF Woven And Welded Wire Cloth Panels	19.76	5.62
			For Up To 2, Add	5.45	
			For >2 To 6, Add	3.10	
			For >15 To 40, Deduct	-0.61	
			For >40, Deduct	-1.84	
			For Galvanized, Add	5.40	
			For Aluminum, Add	7.36	
			For 304 Stainless Steel, Add	29.45	
			For 316 Stainless Steel, Add	33.74	
05 59 69 00-0029	SF		0.225" Thick Wire, 1-1/2" Spacing, 1.89 LB/SF Woven And Welded Wire Cloth Panels	22.62	6.23
			For Up To 2, Add	6.18	
			For >2 To 6, Add	3.51	
			For >15 To 40, Deduct	-0.72	
			For >40, Deduct	-2.15	
			For Galvanized, Add	6.30	
			For Aluminum, Add	8.59	
			For 304 Stainless Steel, Add	34.37	
			For 316 Stainless Steel, Add	39.38	
05 59 69 00-0030			1-1/4" Square Wire Spacing (05 59 69 00-0002)		
05 59 69 00-0031	SF		0.105" Thick Wire, 1-1/4" Spacing, 0.52 LB/SF Woven And Welded Wire Cloth Panels	11.60	3.68
			For Up To 2, Add	3.30	
			For >2 To 6, Add	1.90	
			For >15 To 40, Deduct	-0.33	
			For >40, Deduct	-1.00	
			For Galvanized, Add	2.94	
			For Aluminum, Add	4.01	
			For 304 Stainless Steel, Add	16.06	
			For 316 Stainless Steel, Add	18.40	
05 59 69 00-0032	SF		0.12" Thick Wire, 1-1/4" Spacing, 0.68 LB/SF Woven And Welded Wire Cloth Panels	12.56	3.86
			For Up To 2, Add	3.54	
			For >2 To 6, Add	2.03	
			For >15 To 40, Deduct	-0.37	
			For >40, Deduct	-1.11	
			For Galvanized, Add	3.26	
			For Aluminum, Add	4.45	
			For 304 Stainless Steel, Add	17.78	
			For 316 Stainless Steel, Add	20.38	
05 59 69 00-0033	SF		0.135" Thick Wire, 1-1/4" Spacing, 0.85 LB/SF Woven And Welded Wire Cloth Panels	13.65	4.02
			For Up To 2, Add	3.80	
			For >2 To 6, Add	2.17	
			For >15 To 40, Deduct	-0.41	
			For >40, Deduct	-1.24	
			For Galvanized, Add	3.65	
			For Aluminum, Add	4.97	
			For 304 Stainless Steel, Add	19.90	
			For 316 Stainless Steel, Add	22.80	
05 59 69 00-0034	SF		0.148" Thick Wire, 1-1/4" Spacing, 1.01 LB/SF Woven And Welded Wire Cloth Panels	14.08	4.10
			For Up To 2, Add	3.91	
			For >2 To 6, Add	2.23	
			For >15 To 40, Deduct	-0.43	
			For >40, Deduct	-1.29	
			For Galvanized, Add	3.79	
			For Aluminum, Add	5.17	
			For 304 Stainless Steel, Add	20.69	
			For 316 Stainless Steel, Add	23.71	
05 59 69 00-0035	SF		0.162" Thick Wire, 1-1/4" Spacing, 1.2 LB/SF Woven And Welded Wire Cloth Panels	15.25	4.62
			For Up To 2, Add	4.28	
			For >2 To 6, Add	2.45	
			For >15 To 40, Deduct	-0.45	
			For >40, Deduct	-1.36	
			For Galvanized, Add	4.00	
			For Aluminum, Add	5.45	
			For 304 Stainless Steel, Add	21.79	
			For 316 Stainless Steel, Add	24.97	



	Metals	05	
	Metal Fabrications	05 50	
	Metal Specialties	05 59	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 59 69 00-0036	SF		0.177" Thick Wire, 1-1/4" Spacing, 1.42 LB/SF Woven And Welded Wire Cloth Panels	17.17	5.20
			For Up To 2, Add	4.82	
			For >2 To 6, Add	2.76	
			For >15 To 40, Deduct	-0.51	
			For >40, Deduct	-1.54	
			For Galvanized, Add	4.51	
			For Aluminum, Add	6.14	
			For 304 Stainless Steel, Add	24.58	
			For 316 Stainless Steel, Add	28.16	
05 59 69 00-0037	SF		0.192" Thick Wire, 1-1/4" Spacing, 1.65 LB/SF Woven And Welded Wire Cloth Panels	19.55	5.74
			For Up To 2, Add	5.44	
			For >2 To 6, Add	3.10	
			For >15 To 40, Deduct	-0.60	
			For >40, Deduct	-1.79	
			For Galvanized, Add	5.24	
			For Aluminum, Add	7.14	
			For 304 Stainless Steel, Add	28.56	
			For 316 Stainless Steel, Add	32.73	
05 59 69 00-0038	SF		0.207" Thick Wire, 1-1/4" Spacing, 1.9 LB/SF Woven And Welded Wire Cloth Panels	22.07	6.28
			For Up To 2, Add	6.09	
			For >2 To 6, Add	3.46	
			For >15 To 40, Deduct	-0.69	
			For >40, Deduct	-2.06	
			For Galvanized, Add	6.03	
			For Aluminum, Add	8.23	
			For 304 Stainless Steel, Add	32.90	
			For 316 Stainless Steel, Add	37.70	
05 59 69 00-0039	SF		0.225" Thick Wire, 1-1/4" Spacing, 2.22 LB/SF Woven And Welded Wire Cloth Panels	25.31	6.97
			For Up To 2, Add	6.92	
			For >2 To 6, Add	3.92	
			For >15 To 40, Deduct	-0.80	
			For >40, Deduct	-2.40	
			For Galvanized, Add	7.05	
			For Aluminum, Add	9.61	
			For 304 Stainless Steel, Add	38.45	
			For 316 Stainless Steel, Add	44.06	
05 59 69 00-0040			1" Square Wire Spacing (05 59 69 00-0002)		
05 59 69 00-0041	SF		0.105" Thick Wire, 1" Spacing, 0.64 LB/SF Woven And Welded Wire Cloth Panels	13.23	4.31
			For Up To 2, Add	3.79	
			For >2 To 6, Add	2.18	
			For >15 To 40, Deduct	-0.37	
			For >40, Deduct	-1.12	
			For Galvanized, Add	3.30	
			For Aluminum, Add	4.49	
			For 304 Stainless Steel, Add	17.98	
			For 316 Stainless Steel, Add	20.60	
05 59 69 00-0042	SF		0.12" Thick Wire, 1" Spacing, 0.83 LB/SF Woven And Welded Wire Cloth Panels	14.20	4.48
			For Up To 2, Add	4.04	
			For >2 To 6, Add	2.32	
			For >15 To 40, Deduct	-0.41	
			For >40, Deduct	-1.23	
			For Galvanized, Add	3.62	
			For Aluminum, Add	4.93	
			For 304 Stainless Steel, Add	19.73	
			For 316 Stainless Steel, Add	22.61	
05 59 69 00-0043	SF		0.135" Thick Wire, 1" Spacing, 1.04 LB/SF Woven And Welded Wire Cloth Panels	14.80	4.69
			For Up To 2, Add	4.21	
			For >2 To 6, Add	2.42	
			For >15 To 40, Deduct	-0.43	
			For >40, Deduct	-1.28	
			For Galvanized, Add	3.76	
			For Aluminum, Add	5.12	
			For 304 Stainless Steel, Add	20.50	
			For 316 Stainless Steel, Add	23.49	
05 59 69 00-0044	SF		0.148" Thick Wire, 1" Spacing, 1.23 LB/SF Woven And Welded Wire Cloth Panels	15.88	4.75
			For Up To 2, Add	4.44	
			For >2 To 6, Add	2.54	
			For >15 To 40, Deduct	-0.48	
			For >40, Deduct	-1.43	
			For Galvanized, Add	4.20	
			For Aluminum, Add	5.72	
			For 304 Stainless Steel, Add	22.90	
			For 316 Stainless Steel, Add	26.24	
05 59 69 00-0045	SF		0.162" Thick Wire, 1" Spacing, 1.46 LB/SF Woven And Welded Wire Cloth Panels	17.66	5.35
			For Up To 2, Add	4.96	
			For >2 To 6, Add	2.84	
			For >15 To 40, Deduct	-0.53	
			For >40, Deduct	-1.58	
			For Galvanized, Add	4.63	
			For Aluminum, Add	6.31	
			For 304 Stainless Steel, Add	25.25	
			For 316 Stainless Steel, Add	28.93	

05 Metals**05 50 Metal Fabrications****05 59 Metal Specialties**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 59 69 00-0046	SF		0.177" Thick Wire, 1" Spacing, 1.72 LB/SF Woven And Welded Wire Cloth Panels	19.82	6.00
			For Up To 2, Add	5.56	
			For >2 To 6, Add	3.18	
			For >15 To 40, Deduct	-0.59	
			For >40, Deduct	-1.77	
			For Galvanized, Add	5.20	
			For Aluminum, Add	7.09	
			For 304 Stainless Steel, Add	28.37	
			For 316 Stainless Steel, Add	32.51	
05 59 69 00-0047	SF		0.192" Thick Wire, 1" Spacing, 2.01 LB/SF Woven And Welded Wire Cloth Panels	22.69	6.65
			For Up To 2, Add	6.31	
			For >2 To 6, Add	3.60	
			For >15 To 40, Deduct	-0.69	
			For >40, Deduct	-2.07	
			For Galvanized, Add	6.08	
			For Aluminum, Add	8.29	
			For 304 Stainless Steel, Add	33.14	
			For 316 Stainless Steel, Add	37.98	
05 59 69 00-0048	SF		0.207" Thick Wire, 1" Spacing, 2.31 LB/SF Woven And Welded Wire Cloth Panels	25.55	7.27
			For Up To 2, Add	7.05	
			For >2 To 6, Add	4.01	
			For >15 To 40, Deduct	-0.79	
			For >40, Deduct	-2.38	
			For Galvanized, Add	6.98	
			For Aluminum, Add	9.52	
			For 304 Stainless Steel, Add	38.09	
			For 316 Stainless Steel, Add	43.64	
05 59 69 00-0049	SF		0.225" Thick Wire, 1" Spacing, 2.69 LB/SF Woven And Welded Wire Cloth Panels	29.20	8.04
			For Up To 2, Add	7.98	
			For >2 To 6, Add	4.53	
			For >15 To 40, Deduct	-0.92	
			For >40, Deduct	-2.77	
			For Galvanized, Add	8.13	
			For Aluminum, Add	11.09	
			For 304 Stainless Steel, Add	44.35	
			For 316 Stainless Steel, Add	50.82	
05 59 69 00-0050			3/4" Square Wire Spacing (05 59 69 00-0002)		
05 59 69 00-0051	SF		0.105" Thick Wire, 3/4" Spacing, 0.83 LB/SF Woven And Welded Wire Cloth Panels	13.40	4.30
			For Up To 2, Add	3.83	
			For >2 To 6, Add	2.20	
			For >15 To 40, Deduct	-0.38	
			For >40, Deduct	-1.15	
			For Galvanized, Add	3.37	
			For Aluminum, Add	4.60	
			For 304 Stainless Steel, Add	18.41	
			For 316 Stainless Steel, Add	21.09	
05 59 69 00-0052	SF		0.12" Thick Wire, 3/4" Spacing, 1.07 LB/SF Woven And Welded Wire Cloth Panels	14.97	4.83
			For Up To 2, Add	4.28	
			For >2 To 6, Add	2.46	
			For >15 To 40, Deduct	-0.43	
			For >40, Deduct	-1.28	
			For Galvanized, Add	3.76	
			For Aluminum, Add	5.12	
			For 304 Stainless Steel, Add	20.50	
			For 316 Stainless Steel, Add	23.49	
05 59 69 00-0053	SF		0.135" Thick Wire, 3/4" Spacing, 1.33 LB/SF Woven And Welded Wire Cloth Panels	16.55	5.45
			For Up To 2, Add	4.76	
			For >2 To 6, Add	2.74	
			For >15 To 40, Deduct	-0.46	
			For >40, Deduct	-1.39	
			For Galvanized, Add	4.09	
			For Aluminum, Add	5.57	
			For 304 Stainless Steel, Add	22.30	
			For 316 Stainless Steel, Add	25.55	
05 59 69 00-0054	SF		0.148" Thick Wire, 3/4" Spacing, 1.58 LB/SF Woven And Welded Wire Cloth Panels	17.91	5.80
			For Up To 2, Add	5.13	
			For >2 To 6, Add	2.95	
			For >15 To 40, Deduct	-0.51	
			For >40, Deduct	-1.52	
			For Galvanized, Add	4.47	
			For Aluminum, Add	6.10	
			For 304 Stainless Steel, Add	24.38	
			For 316 Stainless Steel, Add	27.94	
05 59 69 00-0055	SF		0.162" Thick Wire, 3/4" Spacing, 1.87 LB/SF Woven And Welded Wire Cloth Panels	20.74	6.53
			For Up To 2, Add	5.89	
			For >2 To 6, Add	3.38	
			For >15 To 40, Deduct	-0.60	
			For >40, Deduct	-1.80	
			For Galvanized, Add	5.29	
			For Aluminum, Add	7.21	
			For 304 Stainless Steel, Add	28.85	
			For 316 Stainless Steel, Add	33.06	



		Metals	05	
		Metal Fabrications	05 50	
		Metal Specialties	05 59	05

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 59 69 00-0056	SF		0.177" Thick Wire, 3/4" Spacing, 2.2 LB/SF Woven And Welded Wire Cloth Panels	23.88	7.31
			For Up To 2, Add	6.72	
			For >2 To 6, Add	3.85	
			For >15 To 40, Deduct	-0.71	
			For >40, Deduct	-2.12	
			For Galvanized, Add	6.22	
			For Aluminum, Add	8.48	
			For 304 Stainless Steel, Add	33.94	
			For 316 Stainless Steel, Add	38.89	
05 59 69 00-0057	SF		0.192" Thick Wire, 3/4" Spacing, 2.56 LB/SF Woven And Welded Wire Cloth Panels	27.22	8.07
			For Up To 2, Add	7.60	
			For >2 To 6, Add	4.34	
			For >15 To 40, Deduct	-0.82	
			For >40, Deduct	-2.47	
			For Galvanized, Add	7.24	
			For Aluminum, Add	9.87	
			For 304 Stainless Steel, Add	39.48	
			For 316 Stainless Steel, Add	45.24	
05 59 69 00-0058	SF		0.207" Thick Wire, 3/4" Spacing, 2.93 LB/SF Woven And Welded Wire Cloth Panels	30.53	8.78
			For Up To 2, Add	8.45	
			For >2 To 6, Add	4.81	
			For >15 To 40, Deduct	-0.94	
			For >40, Deduct	-2.82	
			For Galvanized, Add	8.29	
			For Aluminum, Add	11.30	
			For 304 Stainless Steel, Add	45.19	
			For 316 Stainless Steel, Add	51.78	
05 59 69 00-0059	SF		0.225" Thick Wire, 3/4" Spacing, 3.41 LB/SF Woven And Welded Wire Cloth Panels	34.86	9.71
			For Up To 2, Add	9.56	
			For >2 To 6, Add	5.43	
			For >15 To 40, Deduct	-1.10	
			For >40, Deduct	-3.29	
			For Galvanized, Add	9.64	
			For Aluminum, Add	13.15	
			For 304 Stainless Steel, Add	52.61	
			For 316 Stainless Steel, Add	60.28	
05 59 69 00-0060			1/2" Square Wire Spacing (05 59 69 00-0002)		
05 59 69 00-0061	SF		0.105" Thick Wire, 1/2" Spacing, 1.18 LB/SF Woven And Welded Wire Cloth Panels	13.99	4.60
			For Up To 2, Add	4.03	
			For >2 To 6, Add	2.32	
			For >15 To 40, Deduct	-0.39	
			For >40, Deduct	-1.18	
			For Galvanized, Add	3.45	
			For Aluminum, Add	4.71	
			For 304 Stainless Steel, Add	18.84	
			For 316 Stainless Steel, Add	21.59	
05 59 69 00-0062	SF		0.12" Thick Wire, 1/2" Spacing, 1.51 LB/SF Woven And Welded Wire Cloth Panels	16.34	5.59
			For Up To 2, Add	4.76	
			For >2 To 6, Add	2.75	
			For >15 To 40, Deduct	-0.44	
			For >40, Deduct	-1.33	
			For Galvanized, Add	3.90	
			For Aluminum, Add	5.32	
			For 304 Stainless Steel, Add	21.29	
			For 316 Stainless Steel, Add	24.39	
05 59 69 00-0063	SF		0.135" Thick Wire, 1/2" Spacing, 1.88 LB/SF Woven And Welded Wire Cloth Panels	19.76	6.62
			For Up To 2, Add	5.72	
			For >2 To 6, Add	3.30	
			For >15 To 40, Deduct	-0.55	
			For >40, Deduct	-1.64	
			For Galvanized, Add	4.81	
			For Aluminum, Add	6.56	
			For 304 Stainless Steel, Add	26.26	
			For 316 Stainless Steel, Add	30.09	
05 59 69 00-0064	SF		0.148" Thick Wire, 1/2" Spacing, 2.22 LB/SF Woven And Welded Wire Cloth Panels	22.82	7.43
			For Up To 2, Add	6.54	
			For >2 To 6, Add	3.77	
			For >15 To 40, Deduct	-0.65	
			For >40, Deduct	-1.94	
			For Galvanized, Add	5.68	
			For Aluminum, Add	7.75	
			For 304 Stainless Steel, Add	31.01	
			For 316 Stainless Steel, Add	35.53	
05 59 69 00-0065	SF		0.162" Thick Wire, 1/2" Spacing, 2.61 LB/SF Woven And Welded Wire Cloth Panels	26.24	8.29
			For Up To 2, Add	7.46	
			For >2 To 6, Add	4.28	
			For >15 To 40, Deduct	-0.76	
			For >40, Deduct	-2.28	
			For Galvanized, Add	6.68	
			For Aluminum, Add	9.11	
			For 304 Stainless Steel, Add	36.46	
			For 316 Stainless Steel, Add	41.77	

05 Metals**05 50 Metal Fabrications****05 59 Metal Specialties**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 59 69 00-0066	SF		0.177" Thick Wire, 1/2" Spacing, 3.06 LB/SF Woven And Welded Wire Cloth Panels	30.12	9.23
			For Up To 2, Add	8.49	
			For >2 To 6, Add	4.86	
			For >15 To 40, Deduct	-0.89	
			For >40, Deduct	-2.67	
			For Galvanized, Add	7.83	
			For Aluminum, Add	10.68	
			For 304 Stainless Steel, Add	42.72	
			For 316 Stainless Steel, Add	48.95	
05 59 69 00-0067	SF		0.192" Thick Wire, 1/2" Spacing, 3.54 LB/SF Woven And Welded Wire Cloth Panels	34.13	10.16
			For Up To 2, Add	9.53	
			For >2 To 6, Add	5.44	
			For >15 To 40, Deduct	-1.03	
			For >40, Deduct	-3.09	
			For Galvanized, Add	9.06	
			For Aluminum, Add	12.36	
			For 304 Stainless Steel, Add	49.44	
			For 316 Stainless Steel, Add	56.65	
05 59 69 00-0068	SF		0.207" Thick Wire, 1/2" Spacing, 4.04 LB/SF Woven And Welded Wire Cloth Panels	38.17	11.01
			For Up To 2, Add	10.57	
			For >2 To 6, Add	6.02	
			For >15 To 40, Deduct	-1.18	
			For >40, Deduct	-3.53	
			For Galvanized, Add	10.34	
			For Aluminum, Add	14.10	
			For 304 Stainless Steel, Add	56.40	
			For 316 Stainless Steel, Add	64.63	
05 59 69 00-0069	SF		0.225" Thick Wire, 1/2" Spacing, 4.68 LB/SF Woven And Welded Wire Cloth Panels	39.64	12.11
			For Up To 2, Add	11.16	
			For >2 To 6, Add	6.39	
			For >15 To 40, Deduct	-1.18	
			For >40, Deduct	-3.53	
			For Galvanized, Add	10.34	
			For Aluminum, Add	14.10	
			For 304 Stainless Steel, Add	56.40	
			For 316 Stainless Steel, Add	64.63	
05 59 69 00-0070			Expanded Metal Panels (05 59 69)		
			Note: Excludes frame and fastening to frame. See CSI section 05 05 21 00-0004 for spot welding.		
05 59 69 00-0071			Plain Flattened Expanded Metal Diamond Shape Panels (05 59 69 00-0070)		
			Note: Excludes frame and fastening to frame. See CSI section 05 05 21 00-0004 for spot welding.		
05 59 69 00-0072	SF		1/4" #20-F Plain Expanded Metal Panel, 0.82 LB/SF	11.02	3.97
			For Galvanized, Add	2.52	
			For Aluminum, Add	3.44	
			For 304 Stainless Steel, Add	13.75	
			For 316 Stainless Steel, Add	15.76	
05 59 69 00-0073	SF		1/4" #18-F Plain Expanded Metal Panel, 1.08 LB/SF	13.89	4.34
			For Galvanized, Add	3.56	
			For Aluminum, Add	4.86	
			For 304 Stainless Steel, Add	19.44	
			For 316 Stainless Steel, Add	22.28	
05 59 69 00-0074	SF		1/2" #20-F Plain Expanded Metal Panel, 0.40 LB/SF	7.93	3.06
			For Galvanized, Add	1.69	
			For Aluminum, Add	2.31	
			For 304 Stainless Steel, Add	9.24	
			For 316 Stainless Steel, Add	10.59	
05 59 69 00-0075	SF		1/2" #18-F Plain Expanded Metal Panel, 0.66 LB/SF	8.66	3.34
			For Galvanized, Add	1.85	
			For Aluminum, Add	2.53	
			For 304 Stainless Steel, Add	10.10	
			For 316 Stainless Steel, Add	11.58	
05 59 69 00-0076	SF		1/2" #16-F Plain Expanded Metal Panel, 0.82 LB/SF	9.79	3.97
			For Galvanized, Add	1.98	
			For Aluminum, Add	2.70	
			For 304 Stainless Steel, Add	10.80	
			For 316 Stainless Steel, Add	12.38	
05 59 69 00-0077	SF		1/2" #13-F Plain Expanded Metal Panel, 1.4 LB/SF	12.52	5.12
			For Galvanized, Add	2.51	
			For Aluminum, Add	3.43	
			For 304 Stainless Steel, Add	13.70	
			For 316 Stainless Steel, Add	15.70	
05 59 69 00-0078	SF		3/4" #16-F Plain Expanded Metal Panel, 0.51 LB/SF	6.89	3.01
			For Galvanized, Add	1.26	
			For Aluminum, Add	1.72	
			For 304 Stainless Steel, Add	6.89	
			For 316 Stainless Steel, Add	7.89	
05 59 69 00-0079	SF		3/4" #14-F Plain Expanded Metal Panel, 0.63 LB/SF	7.73	3.22
			For Galvanized, Add	1.50	
			For Aluminum, Add	2.05	
			For 304 Stainless Steel, Add	8.21	
			For 316 Stainless Steel, Add	9.41	



	Metals	05	
	Metal Fabrications	05 50	
	Metal Specialties	05 59	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 59 69 00-0080	SF		3/4" #13-F Plain Expanded Metal Panel, 0.75 LB/SF	8.84	3.62
			For Galvanized, Add	1.76	
			For Aluminum, Add	2.40	
			For 304 Stainless Steel, Add	9.60	
			For 316 Stainless Steel, Add	11.00	
05 59 69 00-0081	SF		3/4" #9-F Plain Expanded Metal Panel, 1.50 LB/SF	13.91	6.00
			For Galvanized, Add	2.60	
			For Aluminum, Add	3.55	
			For 304 Stainless Steel, Add	14.18	
			For 316 Stainless Steel, Add	16.25	
05 59 69 00-0082	SF		1" #16-F Plain Expanded Metal Panel, 0.41 LB/SF	7.69	3.68
			For Galvanized, Add	1.22	
			For Aluminum, Add	1.67	
			For 304 Stainless Steel, Add	6.67	
			For 316 Stainless Steel, Add	7.63	
05 59 69 00-0083	SF		1-1/2" #16-F Plain Expanded Metal Panel, 0.38 LB/SF	6.66	2.89
			For Galvanized, Add	1.23	
			For Aluminum, Add	1.68	
			For 304 Stainless Steel, Add	6.72	
			For 316 Stainless Steel, Add	7.70	
05 59 69 00-0084	SF		1-1/2" #13-F Plain Expanded Metal Panel, 0.57 LB/SF	7.68	3.41
			For Galvanized, Add	1.39	
			For Aluminum, Add	1.89	
			For 304 Stainless Steel, Add	7.56	
			For 316 Stainless Steel, Add	8.66	
05 59 69 00-0085	SF		1-1/2" #9-F Plain Expanded Metal Panel, 1.14 LB/SF	11.95	4.60
			For Galvanized, Add	2.56	
			For Aluminum, Add	3.49	
			For 304 Stainless Steel, Add	13.94	
			For 316 Stainless Steel, Add	15.98	

05 70 Decorative Metal (05)

Note: Includes anchors and related accessories.

05 71 Decorative Metal Stairs (05 70)

05 71 13 Fabricated Metal Spiral Stairs (05 71)

Note: Includes factory prime.

05 71 13 00-0001 Spiral Stairs, Stock Units (05 71 13)

Note: Includes factory prime.

05 71 13 00-0002 Steel Tread (05 71 13 00-0001)

05 71 13 00-0003	VLF		3'-6" Diameter, Spiral Steel Stair With Rails	504.22	52.59
			For Galvanized, Add	279.31	
05 71 13 00-0004	VLF		4' Diameter, Spiral Steel Stair With Rails	575.06	57.86
			For Galvanized, Add	321.54	
05 71 13 00-0005	VLF		4'-6" Diameter, Spiral Steel Stair With Rails	636.61	63.11
			For Galvanized, Add	357.27	
05 71 13 00-0006	VLF		5' Diameter, Spiral Steel Stair With Rails	681.93	68.38
			For Galvanized, Add	381.63	

05 73 Decorative Metal Railings (05 70)

Note: Factory primed. Includes brackets.

05 73 23 Decorative Metal Railings (05 73)

05 73 23 00-0001 Railings; Vertical Square Bars At 6" (05 73 23)

Note: Centers with shaped top rails (round, square, rectangular, diamond, triangular or other shape).

05 73 23 00-0002	LF		Steel Ornamental Handrail Vertical Square Bars At 6", Shaped Top Rail, Up To 42" High	67.58	11.57
			For Rake Or Angle Railings, Add	9.78	
			For Curved Railings, Add	16.84	
			For 4" On Center Standards, Add	1.57	
			For 4-1/2" On Center Standards, Add	1.26	
			For 5" On Center Standards, Add	0.84	
			For 5-1/2" On Center Standards, Add	0.42	
			For Each Field Bending Of Rails, Add	14.16	
			For Galvanized, Add	2.93	
05 73 23 00-0003	LF		Aluminum Ornamental Handrail Vertical Square Bars At 6", Shaped Top Rail, Up To 42" High	174.67	15.78
			For Rake Or Angle Railings, Add	18.84	
			For Curved Railings, Add	61.58	
			For 4" On Center Standards, Add	8.29	
			For 4-1/2" On Center Standards, Add	6.63	
			For 5" On Center Standards, Add	4.42	
			For 5-1/2" On Center Standards, Add	2.21	
			For Each Field Bending Of Rails, Add	18.53	
05 73 23 00-0004	LF		Bronze Ornamental Handrail Vertical Square Bars At 6", Shaped Top Rail, Up To 42" High	252.76	26.30
			For Rake Or Angle Railings, Add	27.24	
			For Curved Railings, Add	89.17	
			For 4" On Center Standards, Add	12.01	
			For 4-1/2" On Center Standards, Add	9.61	
			For 5" On Center Standards, Add	6.41	
			For 5-1/2" On Center Standards, Add	3.20	
			For Each Field Bending Of Rails, Add	25.64	

05 Metals**05 70 Decorative Metal****05 73 Decorative Metal Railings**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 73 23 00-0005	LF	Stainless Steel Ornamental Handrail Vertical Square Bars At 6", Shaped Top Rail, Up To 42" High.....	291.51	21.04
		For Rake Or Angle Railings, Add	28.98	
		For Curved Railings, Add	109.67	
		For 4" On Center Standards, Add	15.46	
		For 4-1/2" On Center Standards, Add	12.36	
		For 5" On Center Standards, Add	8.24	
		For 5-1/2" On Center Standards, Add	4.12	
		For Each Field Bending Of Rails, Add	23.86	
05 73 23 00-0006	LF	Black Wrought Iron Ornamental Handrail Vertical Square Bars At 6", Shaped Top Rail, Up To 42" High.....	326.38	32.09
		For Rake Or Angle Railings, Add	28.86	
		For Curved Railings, Add	132.86	
		For 4" On Center Standards, Add	19.67	
		For 4-1/2" On Center Standards, Add	15.73	
		For 5" On Center Standards, Add	10.49	
		For 5-1/2" On Center Standards, Add	5.24	
		For Each Field Bending Of Rails, Add	18.54	
05 73 23 00-0007		Laminated Metal Or Wood Handrails With Metal Supports (05 73 23)		
05 73 23 00-0008	LF	2-1/2" Laminated Metal Or Wood Handrail Round/Oval Shape With Metal Supports.....	172.33	5.26
		For Rake Or Angle Railings, Add	13.51	
		For Curved Railings, Add	75.01	
		For 4" On Center Standards, Add	11.52	
		For 4-1/2" On Center Standards, Add	9.22	
		For 5" On Center Standards, Add	6.15	
		For 5-1/2" On Center Standards, Add	3.07	
		For Each Field Bending Of Rails, Add	7.18	
05 73 23 00-0009		Plain Handrails (05 73 23)		
05 73 23 00-0010	LF	2" Brass Handrail.....	58.47	11.62
05 73 23 00-0011	EA	90 Degree Angle For 2" Brass Handrail.....	117.82	41.64
05 73 23 00-0012	EA	End Cap For 2" Brass Handrail.....	52.88	20.87
05 73 23 00-0013	EA	Brass Bracket And Joint For 2" Brass Handrail.....	88.73	41.64
05 73 23 00-0014	LF	2" Stainless Steel Handrail.....	71.28	14.53
05 73 23 00-0015		Restoration Of Existing Metal Handrail And Railing (05 73 23)		
		Note: Task includes rust removal by grinding, cleaning, surface prep and one coat of protective primer. See CSI section 09 91 13 00-0382 for painting.		
05 73 23 00-0016	LF	Refinish Metal Handrail.....	10.62	
05 73 23 00-0017	LF	Refinish Wrought Iron Balustrade.....	10.58	
05 73 23 00-0018		Remove And Reinstall Ornamental Railing (05 73 23)		
05 73 23 00-0019	LF	Removal And Reinstallation Of Ornamental Handrail And Pickets.....	96.77	
05 75		Decorative Formed Metal (05 70)		
05 75 00 00-0001		Metal Sheets, Installed On Walls (05 75)		
		Note: Includes field fabrication (bending) where noted.		
05 75 00 00-0002		Copper Sheets, Installed On Walls (05 75 00 00-0001)		
		Note: Includes field fabrication.		
05 75 00 00-0003	SF	0.0162" (12 Ounce) Thick Copper Sheet, Installed On Walls.....	27.67	2.12
		For >16 To 200, Deduct	-1.54	
		For >200 To 500, Deduct	-3.09	
		For >500, Deduct	-4.47	
05 75 00 00-0004	SF	0.0215" (16 Ounce) Thick Copper Sheet, Installed On Walls.....	34.69	2.37
		For >16 To 200, Deduct	-1.91	
		For >200 To 500, Deduct	-3.82	
		For >500, Deduct	-5.56	
05 75 00 00-0005	SF	0.0242" (18 Ounce) Thick Copper Sheet, Installed On Walls.....	37.99	2.55
		For >16 To 200, Deduct	-2.09	
		For >200 To 500, Deduct	-4.18	
		For >500, Deduct	-6.08	
05 75 00 00-0006	SF	0.027" (20 Ounce) Thick Copper Sheet, Installed On Walls.....	41.07	2.68
		For >16 To 200, Deduct	-2.25	
		For >200 To 500, Deduct	-4.51	
		For >500, Deduct	-6.56	
05 75 00 00-0007	SF	0.0323" (24 Ounce) Thick Copper Sheet, Installed On Walls.....	46.96	2.80
		For >16 To 200, Deduct	-2.56	
		For >200 To 500, Deduct	-5.12	
		For >500, Deduct	-7.47	
05 75 00 00-0008	SF	0.0431" (32 Ounce) Thick Copper Sheet, Installed On Walls.....	59.79	2.94
		For >16 To 200, Deduct	-3.21	
		For >200 To 500, Deduct	-6.42	
		For >500, Deduct	-9.41	
05 75 00 00-0009	SF	0.052" (40 Ounce) Thick Copper Sheet, Installed On Walls.....	70.24	3.07
		For >16 To 200, Deduct	-3.74	
		For >200 To 500, Deduct	-7.48	
		For >500, Deduct	-11.00	



		Metals	05	05
		Decorative Metal	05 70	
		Decorative Formed Metal	05 75	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 75 00 00-0010	SF	0.0646" (48 Ounce) Thick Copper Sheet, Installed On Walls	.....	85.24	3.31
		For >16 To 200, Deduct	.....	-4.51	
		For >200 To 500, Deduct	.....	-9.02	
		For >500, Deduct	.....	-13.28	
05 75 00 00-0011	SF	0.08" Thick Copper Sheet, Installed On Walls	.....	104.96	3.57
		For >16 To 200, Deduct	.....	-5.52	
		For >200 To 500, Deduct	.....	-11.03	
		For >500, Deduct	.....	-16.28	
05 75 00 00-0012	SF	0.125" Thick Copper Sheet, Installed On Walls	.....	154.82	3.83
		For >16 To 200, Deduct	.....	-8.03	
		For >200 To 500, Deduct	.....	-16.06	
		For >500, Deduct	.....	-23.80	
05 75 00 00-0013		Stainless Steel Sheets, Installed On Walls (05 75 00 00-0001)			
		Note: Includes field fabrication.			
05 75 00 00-0014	SF	0.026" Thick (24 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	.....	14.00	2.34
		For >16 To 200, Deduct	.....	-0.98	
		For >200 To 500, Deduct	.....	-1.75	
		For >500, Deduct	.....	-2.45	
05 75 00 00-0015	SF	0.0312" Thick (22 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	.....	15.82	2.53
		For >16 To 200, Deduct	.....	-0.98	
		For >200 To 500, Deduct	.....	-1.96	
		For >500, Deduct	.....	-2.75	
05 75 00 00-0016	SF	0.0375" Thick (20 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	.....	17.19	2.65
		For >16 To 200, Deduct	.....	-1.06	
		For >200 To 500, Deduct	.....	-2.12	
		For >500, Deduct	.....	-2.98	
05 75 00 00-0017	SF	0.050" Thick (18 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	.....	20.06	2.77
		For >16 To 200, Deduct	.....	-1.21	
		For >200 To 500, Deduct	.....	-2.42	
		For >500, Deduct	.....	-3.43	
05 75 00 00-0018	SF	0.0625" Thick (16 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	.....	22.85	2.90
		For >16 To 200, Deduct	.....	-1.36	
		For >200 To 500, Deduct	.....	-2.72	
		For >500, Deduct	.....	-3.86	
05 75 00 00-0019	SF	0.078" Thick (14 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	.....	26.35	3.03
		For >16 To 200, Deduct	.....	-1.55	
		For >200 To 500, Deduct	.....	-3.09	
		For >500, Deduct	.....	-4.41	
05 75 00 00-0020	SF	0.125" Thick (11 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	.....	37.72	3.54
		For >16 To 200, Deduct	.....	-2.15	
		For >200 To 500, Deduct	.....	-4.30	
		For >500, Deduct	.....	-6.19	
05 75 00 00-0021	SF	3/16" Thick (7 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	.....	50.76	3.75
		For >16 To 200, Deduct	.....	-2.82	
		For >200 To 500, Deduct	.....	-5.64	
		For >500, Deduct	.....	-8.18	
05 75 00 00-0022	SF	1/4" Thick (3 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	.....	69.36	4.55
		For >16 To 200, Deduct	.....	-3.81	
		For >200 To 500, Deduct	.....	-7.62	
		For >500, Deduct	.....	-11.09	
05 75 00 00-0023	SF	3/8" Thick 304 Brushed Stainless Steel Sheet, Installed On Walls	.....	115.30	4.88
		For >16 To 200, Deduct	.....	-6.13	
		For >200 To 500, Deduct	.....	-12.26	
		For >500, Deduct	.....	-18.03	
05 75 00 00-0024	SF	1/2" Thick 304 Brushed Stainless Steel Sheet, Installed On Walls	.....	147.40	5.68
		For >16 To 200, Deduct	.....	-7.80	
		For >200 To 500, Deduct	.....	-15.59	
		For >500, Deduct	.....	-22.96	
05 75 00 00-0025		Aluminum Sheets, Installed On Walls (05 75 00 00-0001)			
		Note: Includes field fabrication.			
05 75 00 00-0026	SF	0.016" Thick (26 Gauge) Aluminum Sheet, Installed On Walls	.....	9.69	2.12
		For >16 To 200, Deduct	.....	-0.64	
		For >200 To 500, Deduct	.....	-1.29	
		For >500, Deduct	.....	-1.77	
05 75 00 00-0027	SF	0.020" Thick (24 Gauge) Aluminum Sheet, Installed On Walls	.....	10.98	2.37
		For >16 To 200, Deduct	.....	-0.73	
		For >200 To 500, Deduct	.....	-1.45	
		For >500, Deduct	.....	-2.00	
05 75 00 00-0028	SF	0.025" Thick (22 Gauge) Aluminum Sheet, Installed On Walls	.....	12.23	2.55
		For >16 To 200, Deduct	.....	-0.80	
		For >200 To 500, Deduct	.....	-1.61	
		For >500, Deduct	.....	-2.22	
05 75 00 00-0029	SF	0.032" Thick (20 Gauge) Aluminum Sheet, Installed On Walls	.....	13.52	2.68
		For >16 To 200, Deduct	.....	-0.88	
		For >200 To 500, Deduct	.....	-1.75	
		For >500, Deduct	.....	-2.43	
05 75 00 00-0030	SF	0.040" Thick (18 Gauge) Aluminum Sheet, Installed On Walls	.....	14.79	2.80
		For >16 To 200, Deduct	.....	-0.95	
		For >200 To 500, Deduct	.....	-1.90	
		For >500, Deduct	.....	-2.64	

05 Metals**05 70 Decorative Metal****05 75 Decorative Formed Metal**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 75 00 00-0031 SF 0.050" Thick (16 Gauge) Aluminum Sheet, Installed On Walls	16.19	2.94
For >16 To 200, Deduct	-1.03	
For >200 To 500, Deduct	-2.06	
For >500, Deduct	-2.87	
05 75 00 00-0032 SF 0.064" Thick (14 Gauge) Aluminum Sheet, Installed On Walls	17.89	3.07
For >16 To 200, Deduct	-1.12	
For >200 To 500, Deduct	-2.25	
For >500, Deduct	-3.14	
05 75 00 00-0033 SF 0.090" Thick (11 Gauge) Aluminum Sheet, Installed On Walls	21.27	3.57
For >16 To 200, Deduct	-1.33	
For >200 To 500, Deduct	-2.66	
For >500, Deduct	-3.73	
05 75 00 00-0034 Galvanized Steel Sheets, Installed On Walls (05 75 00 00-0001)		
Note: Includes field fabrication.		
05 75 00 00-0035 SF 0.0217" (26 Gauge) Thick Galvanized Steel Sheet, Installed On Walls	9.06	2.12
For >16 To 200, Deduct	-0.61	
For >200 To 500, Deduct	-1.23	
For >500, Deduct	-1.68	
05 75 00 00-0036 SF 0.0276" (24 Gauge) Thick Galvanized Steel Sheet, Installed On Walls	10.05	2.37
For >16 To 200, Deduct	-0.68	
For >200 To 500, Deduct	-1.36	
For >500, Deduct	-1.86	
05 75 00 00-0037 SF 0.0336" (22 Gauge) Thick Galvanized Steel Sheet, Installed On Walls	10.69	2.55
For >16 To 200, Deduct	-0.73	
For >200 To 500, Deduct	-1.45	
For >500, Deduct	-1.99	
05 75 00 00-0038 SF 0.0396" (20 Gauge) Thick Galvanized Steel Sheet, Installed On Walls	11.35	2.68
For >16 To 200, Deduct	-0.77	
For >200 To 500, Deduct	-1.54	
For >500, Deduct	-2.11	
05 75 00 00-0039 SF 0.0516" (18 Gauge) Thick Galvanized Steel Sheet, Installed On Walls	12.21	2.80
For >16 To 200, Deduct	-0.82	
For >200 To 500, Deduct	-1.64	
For >500, Deduct	-2.25	
05 75 00 00-0040 SF 0.0635" (16 Gauge) Thick Galvanized Steel Sheet, Installed On Walls	13.15	2.94
For >16 To 200, Deduct	-0.88	
For >200 To 500, Deduct	-1.76	
For >500, Deduct	-2.41	
05 75 00 00-0041 SF 0.0785" (14 Gauge) Thick Galvanized Steel Sheet, Installed On Walls	14.64	3.07
For >16 To 200, Deduct	-0.96	
For >200 To 500, Deduct	-1.92	
For >500, Deduct	-2.66	
05 75 00 00-0042 SF 0.1084" (12 Gauge) Thick Galvanized Steel Sheet, Installed On Walls	16.79	3.31
For >16 To 200, Deduct	-1.09	
For >200 To 500, Deduct	-2.18	
For >500, Deduct	-3.02	
05 75 00 00-0043 SF 0.1382" (10 Gauge) Thick Galvanized Steel Sheet, Installed On Walls	19.35	3.83
For >16 To 200, Deduct	-1.25	
For >200 To 500, Deduct	-2.51	
For >500, Deduct	-3.48	
05 75 00 00-0044 Galvanized Zinc-Plated Steel Sheets, Installed On Walls (05 75 00 00-0001)		
Note: Includes field fabrication.		
05 75 00 00-0045 SF 0.013" Thick Galvanized Zinc Plated Steel Sheet, Installed On Walls	12.41	2.01
For >16 To 200, Deduct	-0.82	
For >200 To 500, Deduct	-1.64	
For >500, Deduct	-2.26	
05 75 00 00-0046 SF 0.016" Thick Galvanized Zinc Plated Steel Sheet, Installed On Walls	14.36	2.28
For >16 To 200, Deduct	-0.95	
For >200 To 500, Deduct	-1.89	
For >500, Deduct	-2.61	
05 75 00 00-0047 SF 0.019" Thick Galvanized Zinc Plated Steel Sheet, Installed On Walls	16.31	2.53
For >16 To 200, Deduct	-1.07	
For >200 To 500, Deduct	-2.14	
For >500, Deduct	-2.95	
05 75 00 00-0048 SF 0.024" Thick Galvanized Zinc Plated Steel Sheet, Installed On Walls	18.04	2.73
For >16 To 200, Deduct	-1.18	
For >200 To 500, Deduct	-2.35	
For >500, Deduct	-3.25	

END OF SECTION 05



Wood, Plastics, and Composites			06
Maintenance of Wood, Plastics, and Composites			06 01
Maintenance of Rough Carpentry			06 01 10

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

06 Wood, Plastics, and Composites

06 01 Maintenance of Wood, Plastics, and Composites (06)

06 01 10 Maintenance of Rough Carpentry (06 01)

06 01 10 91 Rough Carpentry Restoration (06 01 10)

06 01 10 91-0001 Roof Beam Restoration (06 01 10 91)

06 01 10 91-0002	EA	Up To 5, Roof Beam Restoration And Fill.....	68.70
Note: Includes cutting out damaged/rotten wood, filling with wood fiber restore material, and then with two-part epoxy, or polyester bondo, and sanding.			
06 01 10 91-0003	EA	>5 To 25, Roof Beam Restoration And Fill.....	59.14
Note: Includes cutting out damaged/rotten wood, filling with wood fiber restore material, and then with two-part epoxy, or polyester bondo, and sanding.			
06 01 10 91-0004	EA	>25, Roof Beam Restoration And Fill.....	49.59
Note: Includes cutting out damaged/rotten wood, filling with wood fiber restore material, and then with two-part epoxy, or polyester bondo, and sanding.			

06 01 10 91-0005 Roof Beam Replacement (06 01 10 91)

Note: Includes cutting back the rafter beam back 18" and in a zig-zag Z splice cut for purpose of splicing on new end piece. Attached with glue and screwed on with lag screws counter sunk.			
06 01 10 91-0006	EA	Up To 5, Roof Beam Replacement, 6" x 12" Beams.....	159.34
Note: Includes cutting off damaged/rotten wood, new beams with screws.			
06 01 10 91-0007	EA	>5 To 25, Roof Beam Replacement, 6" x 12" Beams.....	149.79
Note: Includes cutting off damaged/rotten wood, new beams with screws.			
06 01 10 91-0008	EA	>25, Roof Beam Replacement, 6" x 12" Beams.....	140.23
Note: Includes cutting off damaged/rotten wood, new beams with screws.			
06 01 10 91-0009	EA	Up To 5, Roof Beam Replacement, 4" x 8" Beams.....	140.37
Note: Includes cutting off damaged/rotten wood, new beams with screws.			
06 01 10 91-0010	EA	>5 To 25, Roof Beam Replacement, 4" x 8" Beams.....	130.83
Note: Includes cutting off damaged/rotten wood, new beams with screws.			
06 01 10 91-0011	EA	>25, Roof Beam Replacement, 4" x 8" Beams.....	121.26
Note: Includes cutting off damaged/rotten wood, new beams with screws.			

06 01 10 91-0012 Roof Beam Caps (06 01 10 91)

06 01 10 91-0013	EA	4" x 4" Stainless Steel Beam End Cap.....	31.66
For Galvanized Steel, Deduct			
			-2.59
06 01 10 91-0014	EA	4" x 6" Stainless Steel Beam End Cap.....	47.33
For Galvanized Steel, Deduct			
			-4.55
06 01 10 91-0015	EA	4" x 8" Stainless Steel Beam End Cap.....	61.00
For Galvanized Steel, Deduct			
			-5.92
06 01 10 91-0016	EA	6" x 6" Stainless Steel Beam End Cap.....	55.30
For Galvanized Steel, Deduct			
			-5.21
06 01 10 91-0017	EA	6" x 12" Stainless Steel Beam End Cap.....	69.44
For Galvanized Steel, Deduct			
			-6.63

06 01 10 91-0018 Field Formed Beam Top/End Caps (06 01 10 91)

06 01 10 91-0019	SF	24 Gauge, Stainless Steel Field Formed Beam Top/End Cap.....	15.11
Note: Includes forming and bending at edges and around end of exposed beam			
06 01 10 91-0020	SF	24 Gauge, Galvanized Steel Field Formed Beam Top/End Cap.....	11.17
Note: Includes forming and bending at edges and around end of exposed beam			

06 01 10 91-0021 Historic Restoration For Retexturing Wood Beams (06 01 10 91)

06 01 10 91-0022	SF	Retexture Wood Beams To Match Original Historic Appearance.....	37.21
Note: Includes: Retexturing wood surface of beams on (3) sides			
06 01 10 91-0023	LF	Retexture 3" X 6" Wood Beams On (3) Sides To Match Original Historic Appearance.....	46.52

06 01 20 Maintenance of Finish Carpentry (06 01)

06 01 20 91 Finish Carpentry Restoration (06 01 20)

06 01 20 91-0001 Wood Trim Repair (06 01 20 91)

06 01 20 91-0002	SF	Restoration Of Existing Decorative Woodwork.....	8.34
Note: Includes stripping to bare wood, filling or patching, stain or paint to match existing.			

06 01 40 Maintenance of Architectural Woodwork (06 01)

06 01 40 91 Architectural Woodwork Restoration (06 01 40)

06 01 40 91-0001 Cabinet Hardware Replacement (06 01 40 91)

06 01 40 91-0002	EA	Removal And Replacement Of Concealed, Full Or Half Overlay, Self Closing, Steel Cabinet Hinges.....	43.67
06 01 40 91-0003	EA	Removal And Replacement Of Semi Concealed, Brass Cabinet Hinges.....	40.63

06 Wood, Plastics, and Composites**06 01 Maintenance of Wood, Plastics, and Composites****06 01 40 Maintenance of Architectural Woodwork**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

06 05 Common Work Results for Wood, Plastics, and Composites (06)**06 05 23 Wood, Plastic, and Composite Fastenings (06 05)**

Note: For additional fasteners above normal conditions, for replacing existing fasteners, for relocating existing materials or fixtures, or for different fasteners required due to load limits on standard fasteners.

06 05 23 00-0001 Threaded Anchor Bolts (06 05 23)

Note: Threaded on two ends with two nuts and flat washers.

06 05 23 00-0002	EA 1/2" Diameter x 4" Long, Threaded Anchor Bolt	16.99	
	For >10 To 50, Deduct	-0.39	
	For >50 To 100, Deduct	-1.01	
	For >100 To 250, Deduct	-2.01	
	For >250 To 500, Deduct	-3.41	
	For >500, Deduct	-4.80	
06 05 23 00-0003	EA 1/2" Diameter x 7-1/2" Long, Threaded Anchor Bolt	24.68	
	For >10 To 50, Deduct	-0.42	
	For >50 To 100, Deduct	-1.24	
	For >100 To 250, Deduct	-2.49	
	For >250 To 500, Deduct	-4.15	
	For >500, Deduct	-5.81	
06 05 23 00-0004	EA 3/4" Diameter x 7-1/2" Long, Threaded Anchor Bolt	27.71	
	For >10 To 50, Deduct	-0.42	
	For >50 To 100, Deduct	-1.32	
	For >100 To 250, Deduct	-2.64	
	For >250 To 500, Deduct	-4.37	
	For >500, Deduct	-6.11	
06 05 23 00-0005	EA 3/4" Diameter x 12" Long, Threaded Anchor Bolt	60.50	
	For >10 To 50, Deduct	-0.57	
	For >50 To 100, Deduct	-2.37	
	For >100 To 250, Deduct	-4.74	
	For >250 To 500, Deduct	-7.68	
	For >500, Deduct	-10.62	

06 05 23 00-0006 Framing Anchors (06 05 23)

Note: Including nails.

06 05 23 00-0007	EA 1-7/16" x 2-1/2", 18 Gauge, Galvanized Framing Angle Anchor (Simpson Strong Tie® A34)	6.90	3.25
	For >10 To 50, Deduct	-0.31	
	For >50 To 100, Deduct	-0.64	
	For >100 To 250, Deduct	-1.28	
	For >250 To 500, Deduct	-2.22	
	For >500, Deduct	-3.17	
06 05 23 00-0008	EA 1-7/16" x 4-1/2", 18 Gauge, Galvanized Framing Angle Anchor (Simpson Strong Tie® A35)	7.70	3.58
	For >10 To 50, Deduct	-0.35	
	For >50 To 100, Deduct	-0.72	
	For >100 To 250, Deduct	-1.43	
	For >250 To 500, Deduct	-2.49	
	For >500, Deduct	-3.56	

06 05 23 00-0009 Angle Anchors (06 05 23)

Note: Including nails.

06 05 23 00-0010	EA 2" x 1-1/2" x 2-3/8" Wide, 18 Gauge Galvanized Angle Anchor (Simpson Strong Tie® A21)	6.99	3.25
	For >10 To 50, Deduct	-0.31	
	For >50 To 100, Deduct	-0.64	
	For >100 To 250, Deduct	-1.28	
	For >250 To 500, Deduct	-2.23	
	For >500, Deduct	-3.18	
06 05 23 00-0011	EA 2" x 1-1/2" x 2-3/4" Wide, 18 Gauge Galvanized Angle Anchor (Simpson Strong Tie® A23)	7.67	3.47
	For >10 To 50, Deduct	-0.33	
	For >50 To 100, Deduct	-0.69	
	For >100 To 250, Deduct	-1.38	
	For >250 To 500, Deduct	-2.39	
	For >500, Deduct	-3.41	
06 05 23 00-0012	EA 3-7/8" x 2" x 2-1/2" Wide, 12 Gauge Galvanized Angle Anchor (Simpson Strong Tie® A24)	13.39	3.58
	For >10 To 50, Deduct	-0.35	
	For >50 To 100, Deduct	-0.86	
	For >100 To 250, Deduct	-1.72	
	For >250 To 500, Deduct	-2.92	
	For >500, Deduct	-4.13	
06 05 23 00-0013	EA 3" x 3" x 1-1/2" Wide, 18 Gauge Galvanized Angle Anchor (Simpson Strong Tie® A33)	12.04	3.58
	For >10 To 50, Deduct	-0.35	
	For >50 To 100, Deduct	-0.82	
	For >100 To 250, Deduct	-1.65	
	For >250 To 500, Deduct	-2.82	
	For >500, Deduct	-3.99	
06 05 23 00-0014	EA 4-9/16" x 4-9/16" x 1-1/2" Wide, 18 Gauge Galvanized Angle Anchor (Simpson Strong Tie® A44)	13.16	4.02
	For >10 To 50, Deduct	-0.38	
	For >50 To 100, Deduct	-0.91	
	For >100 To 250, Deduct	-1.81	
	For >250 To 500, Deduct	-3.10	
	For >500, Deduct	-4.39	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0015	EA		5-7/8" x 5-7/8" x 1-1/2" Wide, 18 Gauge Galvanized Angle Anchor (Simpson Strong Tie® A66).....	14.93	4.23
			For >10 To 50, Deduct	-0.41	
			For >50 To 100, Deduct	-0.99	
			For >100 To 250, Deduct	-1.99	
			For >250 To 500, Deduct	-3.39	
			For >500, Deduct	-4.80	
06 05 23 00-0016			Reinforcing Angle Wood Construction Connectors (06 05 23)		
			Note: Including nails.		
06 05 23 00-0017	EA		3" x 3-3/4", 16 Gauge, Galvanized Reinforcing Angle Wood Construction Connectors (Simpson Strong Tie® L30)	7.71	3.04
			For >10 To 50, Deduct	-0.31	
			For >50 To 100, Deduct	-0.66	
			For >100 To 250, Deduct	-1.32	
			For >250 To 500, Deduct	-2.28	
			For >500, Deduct	-3.25	
06 05 23 00-0018	EA		5" x 3-3/4", 16 Gauge, Galvanized Reinforcing Angle Wood Construction Connectors (Simpson Strong Tie® L50)	9.56	3.25
			For >10 To 50, Deduct	-0.33	
			For >50 To 100, Deduct	-0.73	
			For >100 To 250, Deduct	-1.46	
			For >250 To 500, Deduct	-2.52	
			For >500, Deduct	-3.58	
06 05 23 00-0019	EA		7" x 3-3/4", 16 Gauge, Galvanized Reinforcing Angle Wood Construction Connectors (Simpson Strong Tie® L70)	10.90	3.36
			For >10 To 50, Deduct	-0.34	
			For >50 To 100, Deduct	-0.78	
			For >100 To 250, Deduct	-1.56	
			For >250 To 500, Deduct	-2.68	
			For >500, Deduct	-3.80	
06 05 23 00-0020	EA		9" x 3-3/4", 16 Gauge, Galvanized Reinforcing Angle Wood Construction Connectors (Simpson Strong Tie® L90)	12.13	3.47
			For >10 To 50, Deduct	-0.36	
			For >50 To 100, Deduct	-0.84	
			For >100 To 250, Deduct	-1.67	
			For >250 To 500, Deduct	-2.87	
			For >500, Deduct	-4.06	
06 05 23 00-0021	EA		3-3/8" x 3-3/4", 18 Gauge, Galvanized Reinforcing Skewable Angle Wood Construction Connectors (Simpson Strong Tie® LS30).....	8.44	3.04
			For >10 To 50, Deduct	-0.31	
			For >50 To 100, Deduct	-0.68	
			For >100 To 250, Deduct	-1.35	
			For >250 To 500, Deduct	-2.34	
			For >500, Deduct	-3.32	
06 05 23 00-0022	EA		4-7/8" x 3-3/4", 18 Gauge, Galvanized Reinforcing Skewable Angle Wood Construction Connectors (Simpson Strong Tie® LS50).....	9.31	3.25
			For >10 To 50, Deduct	-0.33	
			For >50 To 100, Deduct	-0.73	
			For >100 To 250, Deduct	-1.45	
			For >250 To 500, Deduct	-2.51	
			For >500, Deduct	-3.56	
06 05 23 00-0023	EA		6-3/8" x 3-3/4", 18 Gauge, Galvanized Reinforcing Skewable Angle Wood Construction Connectors (Simpson Strong Tie® LS70).....	10.84	3.36
			For >10 To 50, Deduct	-0.34	
			For >50 To 100, Deduct	-0.78	
			For >100 To 250, Deduct	-1.56	
			For >250 To 500, Deduct	-2.68	
			For >500, Deduct	-3.80	
06 05 23 00-0024	EA		7-7/8" x 3-3/4", 18 Gauge, Galvanized Reinforcing Skewable Angle Wood Construction Connectors (Simpson Strong Tie® LS90).....	12.90	3.47
			For >10 To 50, Deduct	-0.36	
			For >50 To 100, Deduct	-0.86	
			For >100 To 250, Deduct	-1.71	
			For >250 To 500, Deduct	-2.93	
			For >500, Deduct	-4.14	
06 05 23 00-0025			Hold Down Anchors (06 05 23)		
			Note: Including nails.		
06 05 23 00-0026	EA		8-5/8" High x 2-1/2" Wide x 2-1/4" Deep, 12 Gauge, Galvanized Hold Downs (Simpson Strong Tie® HD3B).....	56.12	
			For >10 To 50, Deduct	-1.68	
			For >50 To 100, Deduct	-3.92	
			For >100 To 250, Deduct	-7.85	
			For >250 To 500, Deduct	-13.45	
			For >500, Deduct	-19.06	
06 05 23 00-0027	EA		9-3/8" High x 2-1/2" Wide x 2-1/2" Deep, 10 Gauge, Galvanized Hold Downs (Simpson Strong Tie® HD5B).....	78.93	
			For >10 To 50, Deduct	-1.74	
			For >50 To 100, Deduct	-4.58	
			For >100 To 250, Deduct	-9.15	
			For >250 To 500, Deduct	-15.46	
			For >500, Deduct	-21.77	
06 05 23 00-0028	EA		12-3/8" High x 2-1/2" Wide x 2-1/2" Deep, 10 Gauge, Galvanized Hold Downs (Simpson Strong Tie® HD7B).....	97.52	
			For >10 To 50, Deduct	-1.84	
			For >50 To 100, Deduct	-5.20	
			For >100 To 250, Deduct	-10.41	
			For >250 To 500, Deduct	-17.46	
			For >500, Deduct	-24.50	

06 Wood, Plastics, and Composites**06 05 Common Work Results for Wood, Plastics, and Composites****06 05 23 Wood, Plastic, and Composite Fastenings**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0029	EA	14" High x 2-1/2" Wide x 2-1/2" Deep, 7 Gauge, Galvanized Hold Downs (Simpson Strong Tie® HD9B)	115.16	
		For >10 To 50, Deduct	-2.06	
		For >50 To 100, Deduct	-5.97	
		For >100 To 250, Deduct	-11.94	
		For >250 To 500, Deduct	-19.97	
		For >500, Deduct	-28.00	
06 05 23 00-0030	EA	20-5/16" High x 3-1/2" Wide x 4-1/2" Deep, 3 Gauge, Galvanized Hold Downs (Simpson Strong Tie® HD12).....	186.95	
		For >10 To 50, Deduct	-2.60	
		For >50 To 100, Deduct	-8.58	
		For >100 To 250, Deduct	-17.16	
		For >250 To 500, Deduct	-28.34	
		For >500, Deduct	-39.52	
06 05 23 00-0031	EA	24-1/2" High x 3-1/2" Wide x 4-1/2" Deep, 3 Gauge, Galvanized Hold Downs (Simpson Strong Tie® HD19).....	252.22	
		For >10 To 50, Deduct	-2.71	
		For >50 To 100, Deduct	-10.37	
		For >100 To 250, Deduct	-20.75	
		For >250 To 500, Deduct	-33.83	
		For >500, Deduct	-46.91	
06 05 23 00-0032	EA	8-11/16" Height x 3" Wide x 3-1/4" Deep, 14 Gauge, Galvanized Predeflected Holdown With Screws (Simpson Strong Tie® HDU2-SDS2.5).....	66.23	
		For >10 To 50, Deduct	-1.68	
		For >50 To 100, Deduct	-4.18	
		For >100 To 250, Deduct	-8.35	
		For >250 To 500, Deduct	-14.21	
		For >500, Deduct	-20.07	
06 05 23 00-0033	EA	10-15/16" Height x 3" Wide x 3-1/4" Deep, 14 Gauge, Galvanized Predeflected Holdown With Screws (Simpson Strong Tie® HDU4-SDS2.5).....	73.35	
		For >10 To 50, Deduct	-1.74	
		For >50 To 100, Deduct	-4.44	
		For >100 To 250, Deduct	-8.87	
		For >250 To 500, Deduct	-15.04	
		For >500, Deduct	-21.22	
06 05 23 00-0034	EA	13-3/16" Height x 3" Wide x 3-1/4" Deep, 14 Gauge, Galvanized Predeflected Holdown With Screws (Simpson Strong Tie® HDU5-SDS2.5).....	82.22	
		For >10 To 50, Deduct	-1.84	
		For >50 To 100, Deduct	-4.82	
		For >100 To 250, Deduct	-9.64	
		For >250 To 500, Deduct	-16.31	
		For >500, Deduct	-22.97	
06 05 23 00-0035	EA	16-5/8" Height x 3" Wide x 3-1/2" Deep, 10 Gauge, Galvanized Predeflected Holdown With Screws (Simpson Strong Tie® HDU8-SDS2.5).....	101.62	
		For >10 To 50, Deduct	-2.06	
		For >50 To 100, Deduct	-5.63	
		For >100 To 250, Deduct	-11.26	
		For >250 To 500, Deduct	-18.95	
		For >500, Deduct	-26.65	
06 05 23 00-0036	EA	22-1/4" Height x 3" Wide x 3-1/2" Deep, 10 Gauge, Galvanized Predeflected Holdown With Screws (Simpson Strong Tie® HDU11-SDS2.5).....	130.90	
		For >10 To 50, Deduct	-2.60	
		For >50 To 100, Deduct	-7.18	
		For >100 To 250, Deduct	-14.35	
		For >250 To 500, Deduct	-24.13	
		For >500, Deduct	-33.91	
06 05 23 00-0037	EA	25-11/16" Height x 3" Wide x 3-1/2" Deep, 7 Gauge, Galvanized Predeflected Holdown With Screws (Simpson Strong Tie® HDU14-SDS2.5).....	146.34	
		For >10 To 50, Deduct	-2.71	
		For >50 To 100, Deduct	-7.73	
		For >100 To 250, Deduct	-15.45	
		For >250 To 500, Deduct	-25.89	
		For >500, Deduct	-36.33	
06 05 23 00-0038		Joist And Beam Hangers (06 05 23)		
		Note: Including nails.		
06 05 23 00-0039	EA	18 Gauge, Galvanized Joist Hanger, For 2" x 4" Joist Also Acceptable For Beam Hangers (Simpson Strong Tie® LU24).....	7.36	3.04
		For >10 To 50, Deduct	-0.31	
		For >50 To 100, Deduct	-0.65	
		For >100 To 250, Deduct	-1.30	
		For >250 To 500, Deduct	-2.26	
		For >500, Deduct	-3.22	
06 05 23 00-0040	EA	18 Gauge, Galvanized Joist Hanger, For 2" x 6" To 2" x 10" Joist, Also Acceptable For Beam Hangers (Simpson Strong Tie® LU28).....	8.20	3.25
		For >10 To 50, Deduct	-0.33	
		For >50 To 100, Deduct	-0.70	
		For >100 To 250, Deduct	-1.40	
		For >250 To 500, Deduct	-2.42	
		For >500, Deduct	-3.45	
06 05 23 00-0041	EA	16 Gauge, Galvanized Joist Hanger, For 3" x 6" To 3" x 9" Joist, Also Acceptable For Beam Hangers (Simpson Strong Tie® LUS36).....	11.57	3.36
		For >10 To 50, Deduct	-0.34	
		For >50 To 100, Deduct	-0.80	
		For >100 To 250, Deduct	-1.60	
		For >250 To 500, Deduct	-2.73	
		For >500, Deduct	-3.87	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0042	EA		16 Gauge, Galvanized Joist Hanger, For 3" x 10" To 3" x 14" Joist, Also Acceptable For Beam Hangers (Simpson Strong Tie® LUS310).....	12.60	3.47
			For >10 To 50, Deduct	-0.36	
			For >50 To 100, Deduct	-0.85	
			For >100 To 250, Deduct	-1.70	
			For >250 To 500, Deduct	-2.90	
			For >500, Deduct	-4.11	
06 05 23 00-0043	EA		14 Gauge, Galvanized Joist Hanger, For 4" x 6" To 4" x 8" Joist, Also Acceptable For Beam Hangers (Simpson Strong Tie® HUS46)	19.37	3.68
			For >10 To 50, Deduct	-0.37	
			For >50 To 100, Deduct	-1.03	
			For >100 To 250, Deduct	-2.07	
			For >250 To 500, Deduct	-3.47	
			For >500, Deduct	-4.87	
06 05 23 00-0044	EA		14 Gauge, Galvanized Joist Hanger, For 4" x 10" To 4" x 14" Joist, Also Acceptable For Beam Hangers (Simpson Strong Tie® HUS412).....	23.12	3.80
			For >10 To 50, Deduct	-0.38	
			For >50 To 100, Deduct	-1.14	
			For >100 To 250, Deduct	-2.28	
			For >250 To 500, Deduct	-3.80	
			For >500, Deduct	-5.32	
06 05 23 00-0045			Anchor And Ties (06 05 23)		
			Note: Including nails.		
06 05 23 00-0046	EA		12-3/8" Long, 11 Gauge, Galvanized Heavy Tension Tie (Simpson Strong Tie® HTT4).....	35.44	
			Note: Includes nails. Excludes anchor bolt.		
06 05 23 00-0047	EA		16" Long, 11 Gauge, Galvanized Heavy Tension Tie (Simpson Strong Tie® HTT5).....	43.90	
			Note: Includes nails. Excludes anchor bolt.		
06 05 23 00-0048	EA		16 Gauge, Zinc Galvanized Finish Mudsill Anchor (Simpson Strong Tie® MASAZ).....	4.65	
06 05 23 00-0049	EA		16 Gauge, Zinc Galvanized Finish Mudsill Anchor (Simpson Strong Tie® MASBZ).....	5.24	
06 05 23 00-0050			Hurricane Ties (06 05 23)		
06 05 23 00-0051	EA		6" x 1-3/8" Wide, 18 Gauge, Galvanized Finish Hurricane Ties (Simpson Strong Tie® H2.5A)	8.03	3.36
			For >10 To 50, Deduct	-0.37	
			For >50 To 100, Deduct	-0.76	
			For >100 To 250, Deduct	-1.52	
			For >250 To 500, Deduct	-2.66	
			For >500, Deduct	-3.80	
06 05 23 00-0052	EA		6" x 1-3/8" Wide, 18 Gauge, Zinc Galvanized Finish Hurricane Ties (Simpson Strong Tie® H2.5AZ)	2.93	
06 05 23 00-0053	EA		6" x 1-3/8" Wide, 18 Gauge, Stainless Steel Hurricane Ties (Simpson Strong Tie® H2.5ASS).....	8.05	
06 05 23 00-0054	EA		10-7/16" x 1-1/2" Wide, 18 Gauge, Galvanized Finish Hurricane Ties (Simpson Strong Tie® H2A)	9.93	3.36
			For >10 To 50, Deduct	-0.37	
			For >50 To 100, Deduct	-0.81	
			For >100 To 250, Deduct	-1.62	
			For >250 To 500, Deduct	-2.80	
			For >500, Deduct	-3.99	
06 05 23 00-0055	EA		19-3/16" x 2-1/4" Wide, 18 Gauge, Galvanized Finish Hurricane Ties (Simpson Strong Tie® H6).....	16.82	
06 05 23 00-0056			Post Column Bases (06 05 23)		
			Note: Including nails.		
06 05 23 00-0057	EA		Adjustable And Standoff 4" x 4" Post Base, With Bolts (Simpson Strong Tie® ABA44)	33.05	
06 05 23 00-0058	EA		Adjustable And Standoff 4" x 6" Post Base, With Bolts (Simpson Strong Tie® ABA46)	50.30	
06 05 23 00-0059	EA		Adjustable And Standoff 6" x 6" Post Base, With Bolts (Simpson Strong Tie® ABA66)	51.78	
06 05 23 00-0060			Post Column Caps (06 05 23)		
			Note: Including nails.		
06 05 23 00-0061	EA		4" Beam, 4" Post Flange, 18 Gauge, Galvanized Post Cap (Simpson Strong Tie® BC4)	17.17	3.80
			For >10 To 50, Deduct	-0.42	
			For >50 To 100, Deduct	-1.06	
			For >100 To 250, Deduct	-2.11	
			For >250 To 500, Deduct	-3.58	
			For >500, Deduct	-5.06	
06 05 23 00-0062	EA		6" Beam, 6" Post Flange, 18 Gauge, Galvanized Post Cap (Simpson Strong Tie® BC6)	38.01	3.80
			For >10 To 50, Deduct	-0.44	
			For >50 To 100, Deduct	-1.61	
			For >100 To 250, Deduct	-3.22	
			For >250 To 500, Deduct	-5.27	
			For >500, Deduct	-7.33	
06 05 23 00-0063	EA		3-1/8" Beam, 4" Post, 7 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC3 1/4-4)	189.97	
			Note: Excludes field welding		
			For >10 To 50, Deduct	-1.08	
			For >50 To 100, Deduct	-6.38	
			For >100 To 250, Deduct	-12.75	
			For >250 To 500, Deduct	-20.21	
			For >500, Deduct	-27.67	
			For Hot Dipped Galvanized, Add	75.73	

06 Wood, Plastics, and Composites**06 05 Common Work Results for Wood, Plastics, and Composites****06 05 23 Wood, Plastic, and Composite Fastenings**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0064 EA 3-1/8" Beam, 6" Post, 7 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC3 1/4-6)	198.63	
For >10 To 50, Deduct	-1.22	
For >50 To 100, Deduct	-6.80	
For >100 To 250, Deduct	-13.59	
For >250 To 500, Deduct	-21.61	
For >500, Deduct	-29.62	
For Hot Dipped Galvanized, Add	78.40	
06 05 23 00-0065 EA 4" Beam, 4" Post, 7 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC44)	122.55	
Note: Excludes field welding		
For >10 To 50, Deduct	-1.08	
For >50 To 100, Deduct	-4.69	
For >100 To 250, Deduct	-9.38	
For >250 To 500, Deduct	-15.16	
For >500, Deduct	-20.93	
For Hot Dipped Galvanized, Add	45.39	
06 05 23 00-0066 EA 4" Beam, 6" Post, 7 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC46)	194.53	
For >10 To 50, Deduct	-1.22	
For >50 To 100, Deduct	-6.69	
For >100 To 250, Deduct	-13.39	
For >250 To 500, Deduct	-21.30	
For >500, Deduct	-29.21	
For Hot Dipped Galvanized, Add	76.56	
06 05 23 00-0067 EA 4" Beam, 8" Post, 7 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC48)	203.38	
Note: Excludes field welding		
For >10 To 50, Deduct	-1.22	
For >50 To 100, Deduct	-6.91	
For >100 To 250, Deduct	-13.83	
For >250 To 500, Deduct	-21.96	
For >500, Deduct	-30.10	
For Hot Dipped Galvanized, Add	80.54	
06 05 23 00-0068 EA 6" Beam, 4" Post, 7 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC64)	207.84	
For >10 To 50, Deduct	-1.17	
For >50 To 100, Deduct	-6.95	
For >100 To 250, Deduct	-13.89	
For >250 To 500, Deduct	-22.00	
For >500, Deduct	-30.11	
For Hot Dipped Galvanized, Add	83.03	
06 05 23 00-0069 EA 6" Beam, 6" Post, 7 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC66)	210.01	
For >10 To 50, Deduct	-1.27	
For >50 To 100, Deduct	-7.16	
For >100 To 250, Deduct	-14.32	
For >250 To 500, Deduct	-22.76	
For >500, Deduct	-31.20	
For Hot Dipped Galvanized, Add	83.03	
06 05 23 00-0070 EA 6" Beam, 8" Post, 7 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC68)	210.01	
For >10 To 50, Deduct	-1.27	
For >50 To 100, Deduct	-7.16	
For >100 To 250, Deduct	-14.32	
For >250 To 500, Deduct	-22.76	
For >500, Deduct	-31.20	
For Hot Dipped Galvanized, Add	83.03	
06 05 23 00-0071 EA 5-1/8" Beam, 4" Post, 3 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC5 1/4-4)	242.57	
For >10 To 50, Deduct	-1.17	
For >50 To 100, Deduct	-7.81	
For >100 To 250, Deduct	-15.63	
For >250 To 500, Deduct	-24.61	
For >500, Deduct	-33.59	
For Hot Dipped Galvanized, Add	98.66	
06 05 23 00-0072 EA 5-1/8" Beam, 6" Post, 3 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC5 1/4-6)	244.74	
For >10 To 50, Deduct	-1.27	
For >50 To 100, Deduct	-8.03	
For >100 To 250, Deduct	-16.06	
For >250 To 500, Deduct	-25.37	
For >500, Deduct	-34.67	
For Hot Dipped Galvanized, Add	98.66	
06 05 23 00-0073 EA 5-1/8" Beam, 8" Post, 3 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC5 1/4-8)	244.74	
For >10 To 50, Deduct	-1.27	
For >50 To 100, Deduct	-8.03	
For >100 To 250, Deduct	-16.06	
For >250 To 500, Deduct	-25.37	
For >500, Deduct	-34.67	
For Hot Dipped Galvanized, Add	98.66	
06 05 23 00-0074 EA 8" Beam, 4" Post, 3 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC84)	296.36	
For >10 To 50, Deduct	-1.17	
For >50 To 100, Deduct	-9.16	
For >100 To 250, Deduct	-18.32	
For >250 To 500, Deduct	-28.64	
For >500, Deduct	-38.96	
For Hot Dipped Galvanized, Add	122.87	
06 05 23 00-0075 EA 8" Beam, 6" Post, 3 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC86)	298.53	
For >10 To 50, Deduct	-1.27	
For >50 To 100, Deduct	-9.38	
For >100 To 250, Deduct	-18.75	
For >250 To 500, Deduct	-29.40	
For >500, Deduct	-40.05	
For Hot Dipped Galvanized, Add	122.87	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0076	EA		8" Beam, 8" Post, 3 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC88).....	298.53	
			For >10 To 50, Deduct	-1.27	
			For >50 To 100, Deduct	-9.38	
			For >100 To 250, Deduct	-18.75	
			For >250 To 500, Deduct	-29.40	
			For >500, Deduct	-40.05	
			For Hot Dipped Galvanized, Add	122.87	
06 05 23 00-0077	EA		3-1/8" Beam, 4" Post, 7 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC3 1/4-4).....	189.97	
			Note: Excludes field welding		
			For >10 To 50, Deduct	-1.08	
			For >50 To 100, Deduct	-6.38	
			For >100 To 250, Deduct	-12.75	
			For >250 To 500, Deduct	-20.21	
			For >500, Deduct	-27.67	
			For Hot Dipped Galvanized, Add	75.73	
06 05 23 00-0078	EA		3-1/8" Beam, 6" Post, 7 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC3 1/4-6).....	198.63	
			For >10 To 50, Deduct	-1.22	
			For >50 To 100, Deduct	-6.80	
			For >100 To 250, Deduct	-13.59	
			For >250 To 500, Deduct	-21.61	
			For >500, Deduct	-29.62	
			For Hot Dipped Galvanized, Add	78.40	
06 05 23 00-0079	EA		4" Beam, 4" Post, 7 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC44).....	122.55	
			Note: Excludes field welding		
			For >10 To 50, Deduct	-1.08	
			For >50 To 100, Deduct	-4.69	
			For >100 To 250, Deduct	-9.38	
			For >250 To 500, Deduct	-15.16	
			For >500, Deduct	-20.93	
			For Hot Dipped Galvanized, Add	45.39	
06 05 23 00-0080	EA		4" Beam, 6" Post, 7 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC46).....	194.53	
			For >10 To 50, Deduct	-1.22	
			For >50 To 100, Deduct	-6.69	
			For >100 To 250, Deduct	-13.39	
			For >250 To 500, Deduct	-21.30	
			For >500, Deduct	-29.21	
			For Hot Dipped Galvanized, Add	76.56	
06 05 23 00-0081	EA		4" Beam, 8" Post, 7 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC48).....	203.38	
			Note: Excludes field welding		
			For >10 To 50, Deduct	-1.22	
			For >50 To 100, Deduct	-6.91	
			For >100 To 250, Deduct	-13.83	
			For >250 To 500, Deduct	-21.96	
			For >500, Deduct	-30.10	
			For Hot Dipped Galvanized, Add	80.54	
06 05 23 00-0082	EA		6" Beam, 4" Post, 7 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC64).....	207.84	
			For >10 To 50, Deduct	-1.17	
			For >50 To 100, Deduct	-6.95	
			For >100 To 250, Deduct	-13.89	
			For >250 To 500, Deduct	-22.00	
			For >500, Deduct	-30.11	
			For Hot Dipped Galvanized, Add	83.03	
06 05 23 00-0083	EA		6" Beam, 6" Post, 7 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC66).....	210.01	
			For >10 To 50, Deduct	-1.27	
			For >50 To 100, Deduct	-7.16	
			For >100 To 250, Deduct	-14.32	
			For >250 To 500, Deduct	-22.76	
			For >500, Deduct	-31.20	
			For Hot Dipped Galvanized, Add	83.03	
06 05 23 00-0084	EA		6" Beam, 8" Post, 7 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC68).....	210.01	
			For >10 To 50, Deduct	-1.27	
			For >50 To 100, Deduct	-7.16	
			For >100 To 250, Deduct	-14.32	
			For >250 To 500, Deduct	-22.76	
			For >500, Deduct	-31.20	
			For Hot Dipped Galvanized, Add	83.03	
06 05 23 00-0085	EA		5-1/8" Beam, 4" Post, 3 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC5 1/4-4).....	242.57	
			For >10 To 50, Deduct	-1.17	
			For >50 To 100, Deduct	-7.81	
			For >100 To 250, Deduct	-15.63	
			For >250 To 500, Deduct	-24.61	
			For >500, Deduct	-33.59	
			For Hot Dipped Galvanized, Add	98.66	
06 05 23 00-0086	EA		5-1/8" Beam, 6" Post, 3 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC5 1/4-6).....	244.74	
			For >10 To 50, Deduct	-1.27	
			For >50 To 100, Deduct	-8.03	
			For >100 To 250, Deduct	-16.06	
			For >250 To 500, Deduct	-25.37	
			For >500, Deduct	-34.67	
			For Hot Dipped Galvanized, Add	98.66	
06 05 23 00-0087	EA		5-1/8" Beam, 8" Post, 3 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC5 1/4-8).....	244.74	
			For >10 To 50, Deduct	-1.27	
			For >50 To 100, Deduct	-8.03	
			For >100 To 250, Deduct	-16.06	
			For >250 To 500, Deduct	-25.37	
			For >500, Deduct	-34.67	
			For Hot Dipped Galvanized, Add	98.66	

06 Wood, Plastics, and Composites**06 05 Common Work Results for Wood, Plastics, and Composites****06 05 23 Wood, Plastic, and Composite Fastenings**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0088 EA 8" Beam, 4" Post, 3 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC84).....	296.36	
For >10 To 50, Deduct	-1.17	
For >50 To 100, Deduct	-9.16	
For >100 To 250, Deduct	-18.32	
For >250 To 500, Deduct	-28.64	
For >500, Deduct	-38.96	
For Hot Dipped Galvanized, Add	122.87	
06 05 23 00-0089 EA 8" Beam, 6" Post, 3 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC86).....	298.53	
For >10 To 50, Deduct	-1.27	
For >50 To 100, Deduct	-9.38	
For >100 To 250, Deduct	-18.75	
For >250 To 500, Deduct	-29.40	
For >500, Deduct	-40.05	
For Hot Dipped Galvanized, Add	122.87	
06 05 23 00-0090 EA 8" Beam, 8" Post, 3 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC88).....	298.53	
For >10 To 50, Deduct	-1.27	
For >50 To 100, Deduct	-9.38	
For >100 To 250, Deduct	-18.75	
For >250 To 500, Deduct	-29.40	
For >500, Deduct	-40.05	
For Hot Dipped Galvanized, Add	122.87	
06 05 23 00-0091 Rafter Connectors (06 05 23)		
06 05 23 00-0092 EA Galvanized Rigid Rafter Connector, For 2" x 6" (Simpson Strong Tie® RR).....	9.64	3.36
For >10 To 50, Deduct	-0.37	
For >50 To 100, Deduct	-0.80	
For >100 To 250, Deduct	-1.60	
For >250 To 500, Deduct	-2.78	
For >500, Deduct	-3.96	
06 05 23 00-0093 Bolts And Fasteners (06 05 23)		
06 05 23 00-0094 Carriage Bolts (06 05 23 00-0093)		
Note: Includes drilling of holes in any material. Includes nut and washer.		
06 05 23 00-0095 Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolts (06 05 23 00-0094)		
06 05 23 00-0096 EA 1/4" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt.....	14.54	
For >10 To 50, Deduct	-0.71	
For >50 To 100, Deduct	-1.42	
For >100 To 250, Deduct	-2.84	
For >250 To 500, Deduct	-4.97	
For >500, Deduct	-7.09	
06 05 23 00-0097 EA 1/4" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt.....	14.74	
For >10 To 50, Deduct	-0.71	
For >50 To 100, Deduct	-1.43	
For >100 To 250, Deduct	-2.85	
For >250 To 500, Deduct	-4.98	
For >500, Deduct	-7.11	
06 05 23 00-0098 EA 1/4" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt.....	14.86	
For >10 To 50, Deduct	-0.71	
For >50 To 100, Deduct	-1.43	
For >100 To 250, Deduct	-2.86	
For >250 To 500, Deduct	-4.99	
For >500, Deduct	-7.13	
06 05 23 00-0099 EA 1/4" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt.....	17.38	
For >10 To 50, Deduct	-0.81	
For >50 To 100, Deduct	-1.65	
For >100 To 250, Deduct	-3.31	
For >250 To 500, Deduct	-5.78	
For >500, Deduct	-8.25	
06 05 23 00-0100 EA 3/8" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt.....	16.14	
For >10 To 50, Deduct	-0.76	
For >50 To 100, Deduct	-1.54	
For >100 To 250, Deduct	-3.08	
For >250 To 500, Deduct	-5.39	
For >500, Deduct	-7.69	
06 05 23 00-0101 EA 3/8" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt.....	17.55	
For >10 To 50, Deduct	-0.81	
For >50 To 100, Deduct	-1.66	
For >100 To 250, Deduct	-3.32	
For >250 To 500, Deduct	-5.79	
For >500, Deduct	-8.26	
06 05 23 00-0102 EA 3/8" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt.....	17.86	
For >10 To 50, Deduct	-0.81	
For >50 To 100, Deduct	-1.67	
For >100 To 250, Deduct	-3.33	
For >250 To 500, Deduct	-5.81	
For >500, Deduct	-8.29	
06 05 23 00-0103 EA 3/8" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt.....	21.34	
For >10 To 50, Deduct	-0.98	
For >50 To 100, Deduct	-2.00	
For >100 To 250, Deduct	-4.00	
For >250 To 500, Deduct	-6.97	
For >500, Deduct	-9.94	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0104	EA		3/8" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt.....	23.36	
			For >10 To 50, Deduct	-1.03	
			For >50 To 100, Deduct	-2.13	
			For >100 To 250, Deduct	-4.26	
			For >250 To 500, Deduct	-7.42	
			For >500, Deduct	-10.58	
06 05 23 00-0105	EA		3/8" Diameter x 12" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt.....	26.46	
			For >10 To 50, Deduct	-1.14	
			For >50 To 100, Deduct	-2.37	
			For >100 To 250, Deduct	-4.74	
			For >250 To 500, Deduct	-8.25	
			For >500, Deduct	-11.75	
06 05 23 00-0106	EA		1/2" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt.....	18.21	
			For >10 To 50, Deduct	-0.81	
			For >50 To 100, Deduct	-1.68	
			For >100 To 250, Deduct	-3.35	
			For >250 To 500, Deduct	-5.84	
			For >500, Deduct	-8.33	
06 05 23 00-0107	EA		1/2" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt.....	20.11	
			For >10 To 50, Deduct	-0.87	
			For >50 To 100, Deduct	-1.80	
			For >100 To 250, Deduct	-3.61	
			For >250 To 500, Deduct	-6.28	
			For >500, Deduct	-8.96	
06 05 23 00-0108	EA		1/2" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt.....	21.44	
			For >10 To 50, Deduct	-0.92	
			For >50 To 100, Deduct	-1.92	
			For >100 To 250, Deduct	-3.84	
			For >250 To 500, Deduct	-6.68	
			For >500, Deduct	-9.52	
06 05 23 00-0109	EA		1/2" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt.....	24.06	
			For >10 To 50, Deduct	-1.03	
			For >50 To 100, Deduct	-2.15	
			For >100 To 250, Deduct	-4.29	
			For >250 To 500, Deduct	-7.47	
			For >500, Deduct	-10.65	
06 05 23 00-0110	EA		1/2" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt.....	28.40	
			For >10 To 50, Deduct	-1.19	
			For >50 To 100, Deduct	-2.50	
			For >100 To 250, Deduct	-5.00	
			For >250 To 500, Deduct	-8.69	
			For >500, Deduct	-12.38	
06 05 23 00-0111	EA		1/2" Diameter x 12" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt.....	32.03	
			For >10 To 50, Deduct	-1.30	
			For >50 To 100, Deduct	-2.75	
			For >100 To 250, Deduct	-5.51	
			For >250 To 500, Deduct	-9.56	
			For >500, Deduct	-13.62	
06 05 23 00-0112	EA		3/4" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt.....	25.71	
			For >10 To 50, Deduct	-0.98	
			For >50 To 100, Deduct	-2.11	
			For >100 To 250, Deduct	-4.21	
			For >250 To 500, Deduct	-7.30	
			For >500, Deduct	-10.38	
06 05 23 00-0113	EA		3/4" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt.....	28.05	
			For >10 To 50, Deduct	-1.03	
			For >50 To 100, Deduct	-2.25	
			For >100 To 250, Deduct	-4.49	
			For >250 To 500, Deduct	-7.77	
			For >500, Deduct	-11.05	
06 05 23 00-0114	EA		3/4" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt.....	33.87	
			For >10 To 50, Deduct	-1.19	
			For >50 To 100, Deduct	-2.64	
			For >100 To 250, Deduct	-5.27	
			For >250 To 500, Deduct	-9.10	
			For >500, Deduct	-12.93	
06 05 23 00-0115	EA		3/4" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt.....	38.65	
			For >10 To 50, Deduct	-1.25	
			For >50 To 100, Deduct	-2.84	
			For >100 To 250, Deduct	-5.68	
			For >250 To 500, Deduct	-9.76	
			For >500, Deduct	-13.85	
06 05 23 00-0116	EA		3/4" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt.....	41.95	
			For >10 To 50, Deduct	-1.36	
			For >50 To 100, Deduct	-3.08	
			For >100 To 250, Deduct	-6.16	
			For >250 To 500, Deduct	-10.60	
			For >500, Deduct	-15.04	
06 05 23 00-0117	EA		3/4" Diameter x 12" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt.....	42.62	
			For >10 To 50, Deduct	-1.41	
			For >50 To 100, Deduct	-3.18	
			For >100 To 250, Deduct	-6.36	
			For >250 To 500, Deduct	-10.95	
			For >500, Deduct	-15.54	

06 Wood, Plastics, and Composites**06 05 Common Work Results for Wood, Plastics, and Composites****06 05 23 Wood, Plastic, and Composite Fastenings**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

06 05 23 00-0118	Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolts (06 05 23 00-0094)	
06 05 23 00-0119	EA 1/4" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	14.89
	For >10 To 50, Deduct	-0.71
	For >50 To 100, Deduct	-1.43
	For >100 To 250, Deduct	-2.86
	For >250 To 500, Deduct	-4.99
	For >500, Deduct	-7.13
06 05 23 00-0120	EA 1/4" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	15.25
	For >10 To 50, Deduct	-0.71
	For >50 To 100, Deduct	-1.44
	For >100 To 250, Deduct	-2.88
	For >250 To 500, Deduct	-5.02
	For >500, Deduct	-7.17
06 05 23 00-0121	EA 1/4" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	15.66
	For >10 To 50, Deduct	-0.71
	For >50 To 100, Deduct	-1.45
	For >100 To 250, Deduct	-2.90
	For >250 To 500, Deduct	-5.05
	For >500, Deduct	-7.21
06 05 23 00-0122	EA 1/4" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	18.73
	For >10 To 50, Deduct	-0.81
	For >50 To 100, Deduct	-1.69
	For >100 To 250, Deduct	-3.38
	For >250 To 500, Deduct	-5.88
	For >500, Deduct	-8.38
06 05 23 00-0123	EA 3/8" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	16.63
	For >10 To 50, Deduct	-0.76
	For >50 To 100, Deduct	-1.55
	For >100 To 250, Deduct	-3.11
	For >250 To 500, Deduct	-5.42
	For >500, Deduct	-7.74
06 05 23 00-0124	EA 3/8" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	18.31
	For >10 To 50, Deduct	-0.81
	For >50 To 100, Deduct	-1.68
	For >100 To 250, Deduct	-3.36
	For >250 To 500, Deduct	-5.85
	For >500, Deduct	-8.34
06 05 23 00-0125	EA 3/8" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	18.76
	For >10 To 50, Deduct	-0.81
	For >50 To 100, Deduct	-1.69
	For >100 To 250, Deduct	-3.38
	For >250 To 500, Deduct	-5.88
	For >500, Deduct	-8.38
06 05 23 00-0126	EA 3/8" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	22.70
	For >10 To 50, Deduct	-0.98
	For >50 To 100, Deduct	-2.03
	For >100 To 250, Deduct	-4.06
	For >250 To 500, Deduct	-7.07
	For >500, Deduct	-10.08
06 05 23 00-0127	EA 3/8" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	24.89
	For >10 To 50, Deduct	-1.03
	For >50 To 100, Deduct	-2.17
	For >100 To 250, Deduct	-4.34
	For >250 To 500, Deduct	-7.53
	For >500, Deduct	-10.73
06 05 23 00-0128	EA 3/8" Diameter x 12" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	27.87
	For >10 To 50, Deduct	-1.14
	For >50 To 100, Deduct	-2.40
	For >100 To 250, Deduct	-4.81
	For >250 To 500, Deduct	-8.35
	For >500, Deduct	-11.90
06 05 23 00-0129	EA 1/2" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	19.35
	For >10 To 50, Deduct	-0.81
	For >50 To 100, Deduct	-1.70
	For >100 To 250, Deduct	-3.41
	For >250 To 500, Deduct	-5.93
	For >500, Deduct	-8.44
06 05 23 00-0130	EA 1/2" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	21.01
	For >10 To 50, Deduct	-0.87
	For >50 To 100, Deduct	-1.83
	For >100 To 250, Deduct	-3.65
	For >250 To 500, Deduct	-6.35
	For >500, Deduct	-9.05
06 05 23 00-0131	EA 1/2" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	22.51
	For >10 To 50, Deduct	-0.92
	For >50 To 100, Deduct	-1.95
	For >100 To 250, Deduct	-3.89
	For >250 To 500, Deduct	-6.76
	For >500, Deduct	-9.62
06 05 23 00-0132	EA 1/2" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	25.60
	For >10 To 50, Deduct	-1.03
	For >50 To 100, Deduct	-2.19
	For >100 To 250, Deduct	-4.37
	For >250 To 500, Deduct	-7.59
	For >500, Deduct	-10.80



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0133	EA	1/2"	Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	29.90	
			For >10 To 50, Deduct	-1.19	
			For >50 To 100, Deduct	-2.54	
			For >100 To 250, Deduct	-5.07	
			For >250 To 500, Deduct	-8.80	
			For >500, Deduct	-12.53	
06 05 23 00-0134	EA	1/2"	Diameter x 12" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	33.19	
			For >10 To 50, Deduct	-1.30	
			For >50 To 100, Deduct	-2.78	
			For >100 To 250, Deduct	-5.56	
			For >250 To 500, Deduct	-9.65	
			For >500, Deduct	-13.73	
06 05 23 00-0135	EA	3/4"	Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	29.13	
			For >10 To 50, Deduct	-0.98	
			For >50 To 100, Deduct	-2.19	
			For >100 To 250, Deduct	-4.38	
			For >250 To 500, Deduct	-7.55	
			For >500, Deduct	-10.72	
06 05 23 00-0136	EA	3/4"	Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	30.44	
			For >10 To 50, Deduct	-1.03	
			For >50 To 100, Deduct	-2.31	
			For >100 To 250, Deduct	-4.61	
			For >250 To 500, Deduct	-7.95	
			For >500, Deduct	-11.29	
06 05 23 00-0137	EA	3/4"	Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	35.56	
			For >10 To 50, Deduct	-1.19	
			For >50 To 100, Deduct	-2.68	
			For >100 To 250, Deduct	-5.36	
			For >250 To 500, Deduct	-9.23	
			For >500, Deduct	-13.10	
06 05 23 00-0138	EA	3/4"	Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	38.52	
			For >10 To 50, Deduct	-1.25	
			For >50 To 100, Deduct	-2.83	
			For >100 To 250, Deduct	-5.67	
			For >250 To 500, Deduct	-9.75	
			For >500, Deduct	-13.83	
06 05 23 00-0139	EA	3/4"	Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	44.16	
			For >10 To 50, Deduct	-1.36	
			For >50 To 100, Deduct	-3.14	
			For >100 To 250, Deduct	-6.27	
			For >250 To 500, Deduct	-10.77	
			For >500, Deduct	-15.26	
06 05 23 00-0140	EA	3/4"	Diameter x 12" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	47.22	
			For >10 To 50, Deduct	-1.41	
			For >50 To 100, Deduct	-3.30	
			For >100 To 250, Deduct	-6.59	
			For >250 To 500, Deduct	-11.30	
			For >500, Deduct	-16.00	
06 05 23 00-0141			304/18-8 Stainless Steel, Carriage Bolts (06 05 23 00-0094)		
06 05 23 00-0142	EA	1/4"	Diameter x 2" Length, 304/18-8 Stainless Steel, Carriage Bolt	16.03	
			For >10 To 50, Deduct	-0.71	
			For >50 To 100, Deduct	-1.46	
			For >100 To 250, Deduct	-2.92	
			For >250 To 500, Deduct	-5.08	
			For >500, Deduct	-7.24	
06 05 23 00-0143	EA	1/4"	Diameter x 4" Length, 304/18-8 Stainless Steel, Carriage Bolt	18.15	
			For >10 To 50, Deduct	-0.71	
			For >50 To 100, Deduct	-1.51	
			For >100 To 250, Deduct	-3.02	
			For >250 To 500, Deduct	-5.24	
			For >500, Deduct	-7.46	
06 05 23 00-0144	EA	1/4"	Diameter x 6" Length, 304/18-8 Stainless Steel, Carriage Bolt	19.53	
			For >10 To 50, Deduct	-0.71	
			For >50 To 100, Deduct	-1.55	
			For >100 To 250, Deduct	-3.09	
			For >250 To 500, Deduct	-5.34	
			For >500, Deduct	-7.59	
06 05 23 00-0145	EA	1/4"	Diameter x 8" Length, 304/18-8 Stainless Steel, Carriage Bolt	36.61	
			For >10 To 50, Deduct	-0.81	
			For >50 To 100, Deduct	-2.14	
			For >100 To 250, Deduct	-4.27	
			For >250 To 500, Deduct	-7.22	
			For >500, Deduct	-10.17	
06 05 23 00-0146	EA	3/8"	Diameter x 2" Length, 304/18-8 Stainless Steel, Carriage Bolt	19.07	
			For >10 To 50, Deduct	-0.76	
			For >50 To 100, Deduct	-1.62	
			For >100 To 250, Deduct	-3.23	
			For >250 To 500, Deduct	-5.60	
			For >500, Deduct	-7.98	

06 Wood, Plastics, and Composites**06 05 Common Work Results for Wood, Plastics, and Composites****06 05 23 Wood, Plastic, and Composite Fastenings**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0147	EA	3/8" Diameter x 4" Length, 304/18-8 Stainless Steel, Carriage Bolt	23.23	
		For >10 To 50, Deduct	-0.81	
		For >50 To 100, Deduct	-1.80	
		For >100 To 250, Deduct	-3.60	
		For >250 To 500, Deduct	-6.22	
		For >500, Deduct	-8.83	
06 05 23 00-0148	EA	3/8" Diameter x 6" Length, 304/18-8 Stainless Steel, Carriage Bolt	23.89	
		For >10 To 50, Deduct	-0.81	
		For >50 To 100, Deduct	-1.82	
		For >100 To 250, Deduct	-3.64	
		For >250 To 500, Deduct	-6.27	
		For >500, Deduct	-8.90	
06 05 23 00-0149	EA	3/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Carriage Bolt	49.22	
		For >10 To 50, Deduct	-0.98	
		For >50 To 100, Deduct	-2.69	
		For >100 To 250, Deduct	-5.39	
		For >250 To 500, Deduct	-9.06	
		For >500, Deduct	-12.73	
06 05 23 00-0150	EA	3/8" Diameter x 10" Length, 304/18-8 Stainless Steel, Carriage Bolt.....	61.32	
		For >10 To 50, Deduct	-1.03	
		For >50 To 100, Deduct	-3.08	
		For >100 To 250, Deduct	-6.16	
		For >250 To 500, Deduct	-10.27	
		For >500, Deduct	-14.38	
06 05 23 00-0151	EA	3/8" Diameter x 12" Length, 304/18-8 Stainless Steel, Carriage Bolt.....	68.84	
		For >10 To 50, Deduct	-1.14	
		For >50 To 100, Deduct	-3.43	
		For >100 To 250, Deduct	-6.86	
		For >250 To 500, Deduct	-11.42	
		For >500, Deduct	-15.99	
06 05 23 00-0152	EA	1/2" Diameter x 2" Length, 304/18-8 Stainless Steel, Carriage Bolt	25.70	
		For >10 To 50, Deduct	-0.81	
		For >50 To 100, Deduct	-1.86	
		For >100 To 250, Deduct	-3.73	
		For >250 To 500, Deduct	-6.40	
		For >500, Deduct	-9.08	
06 05 23 00-0153	EA	1/2" Diameter x 4" Length, 304/18-8 Stainless Steel, Carriage Bolt	29.74	
		For >10 To 50, Deduct	-0.87	
		For >50 To 100, Deduct	-2.05	
		For >100 To 250, Deduct	-4.09	
		For >250 To 500, Deduct	-7.00	
		For >500, Deduct	-9.92	
06 05 23 00-0154	EA	1/2" Diameter x 6" Length, 304/18-8 Stainless Steel, Carriage Bolt	37.24	
		For >10 To 50, Deduct	-0.92	
		For >50 To 100, Deduct	-2.31	
		For >100 To 250, Deduct	-4.63	
		For >250 To 500, Deduct	-7.86	
		For >500, Deduct	-11.10	
06 05 23 00-0155	EA	1/2" Diameter x 8" Length, 304/18-8 Stainless Steel, Carriage Bolt	63.27	
		For >10 To 50, Deduct	-1.03	
		For >50 To 100, Deduct	-3.13	
		For >100 To 250, Deduct	-6.26	
		For >250 To 500, Deduct	-10.41	
		For >500, Deduct	-14.57	
06 05 23 00-0156	EA	1/2" Diameter x 10" Length, 304/18-8 Stainless Steel, Carriage Bolt.....	71.19	
		For >10 To 50, Deduct	-1.19	
		For >50 To 100, Deduct	-3.57	
		For >100 To 250, Deduct	-7.14	
		For >250 To 500, Deduct	-11.90	
		For >500, Deduct	-16.66	
06 05 23 00-0157	EA	1/2" Diameter x 12" Length, 304/18-8 Stainless Steel, Carriage Bolt.....	117.09	
		For >10 To 50, Deduct	-1.30	
		For >50 To 100, Deduct	-4.88	
		For >100 To 250, Deduct	-9.76	
		For >250 To 500, Deduct	-15.94	
		For >500, Deduct	-22.12	
06 05 23 00-0158	EA	3/4" Diameter x 4" Length, 304/18-8 Stainless Steel, Carriage Bolt	90.75	
		For >10 To 50, Deduct	-1.03	
		For >50 To 100, Deduct	-3.81	
		For >100 To 250, Deduct	-7.63	
		For >250 To 500, Deduct	-12.47	
		For >500, Deduct	-17.32	
06 05 23 00-0159	EA	3/4" Diameter x 6" Length, 304/18-8 Stainless Steel, Carriage Bolt	130.98	
		For >10 To 50, Deduct	-1.19	
		For >50 To 100, Deduct	-5.06	
		For >100 To 250, Deduct	-10.13	
		For >250 To 500, Deduct	-16.39	
		For >500, Deduct	-22.64	
06 05 23 00-0160	EA	3/4" Diameter x 8" Length, 304/18-8 Stainless Steel, Carriage Bolt	145.84	
		For >10 To 50, Deduct	-1.25	
		For >50 To 100, Deduct	-5.52	
		For >100 To 250, Deduct	-11.03	
		For >250 To 500, Deduct	-17.80	
		For >500, Deduct	-24.56	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0161	EA	3/4"	Diameter x 10" Length, 304/18-8 Stainless Steel, Carriage Bolt For >10 To 50, Deduct For >50 To 100, Deduct For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	219.78 -1.36 -7.53 -15.06 -23.94 -32.82	
06 05 23 00-0162	EA	3/4"	Diameter x 12" Length, 304/18-8 Stainless Steel, Carriage Bolt For >10 To 50, Deduct For >50 To 100, Deduct For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	231.34 -1.41 -7.90 -15.80 -25.11 -34.41	
06 05 23 00-0163			316 Stainless Steel, Carriage Bolts (06 05 23 00-0094)		
06 05 23 00-0164	EA	1/4"	Diameter x 2" Length, 316 Stainless Steel, Carriage Bolt..... For >10 To 50, Deduct For >50 To 100, Deduct For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	25.81 -0.71 -1.70 -3.41 -5.81 -8.22	
06 05 23 00-0165	EA	1/4"	Diameter x 4" Length, 316 Stainless Steel, Carriage Bolt..... For >10 To 50, Deduct For >50 To 100, Deduct For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	29.52 -0.71 -1.80 -3.59 -6.09 -8.59	
06 05 23 00-0166	EA	3/8"	Diameter x 2" Length, 316 Stainless Steel, Carriage Bolt..... For >10 To 50, Deduct For >50 To 100, Deduct For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	31.86 -0.76 -1.94 -3.87 -6.56 -9.26	
06 05 23 00-0167	EA	3/8"	Diameter x 4" Length, 316 Stainless Steel, Carriage Bolt..... For >10 To 50, Deduct For >50 To 100, Deduct For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	38.11 -0.81 -2.17 -4.35 -7.33 -10.32	
06 05 23 00-0168	EA	1/2"	Diameter x 2" Length, 316 Stainless Steel, Carriage Bolt..... For >10 To 50, Deduct For >50 To 100, Deduct For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	54.63 -0.81 -2.59 -5.17 -8.57 -11.97	
06 05 23 00-0169	EA	1/2"	Diameter x 4" Length, 316 Stainless Steel, Carriage Bolt..... For >10 To 50, Deduct For >50 To 100, Deduct For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	59.73 -0.87 -2.80 -5.59 -9.25 -12.92	
06 05 23 00-0170	EA	1/2"	Diameter x 6" Length, 316 Stainless Steel, Carriage Bolt..... For >10 To 50, Deduct For >50 To 100, Deduct For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	64.49 -0.92 -2.99 -5.99 -9.91 -13.82	
06 05 23 00-0171			Hex Lag Bolts (06 05 23 00-0093) Note: Includes drilling of holes in any material.		
06 05 23 00-0172			Zinc Plated Steel, Hex Lag Bolts (06 05 23 00-0171)		
06 05 23 00-0173	EA	1/4"	Diameter x 2" Length, Zinc Plated Steel, Hex Lag Bolt For >10 To 50, Deduct For >50 To 100, Deduct For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	13.83 -0.68 -1.36 -2.73 -4.77 -6.81	
06 05 23 00-0174	EA	1/4"	Diameter x 4" Length, Zinc Plated Steel, Hex Lag Bolt For >10 To 50, Deduct For >50 To 100, Deduct For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	14.00 -0.68 -1.37 -2.73 -4.78 -6.82	
06 05 23 00-0175	EA	1/4"	Diameter x 6" Length, Zinc Plated Steel, Hex Lag Bolt For >10 To 50, Deduct For >50 To 100, Deduct For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	14.34 -0.68 -1.38 -2.75 -4.80 -6.86	

06 Wood, Plastics, and Composites**06 05 Common Work Results for Wood, Plastics, and Composites****06 05 23 Wood, Plastic, and Composite Fastenings**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0176	EA	3/8" Diameter x 2" Length, Zinc Plated Steel, Hex Lag Bolt.....	15.29	
		For >10 To 50, Deduct	-0.74	
		For >50 To 100, Deduct	-1.49	
		For >100 To 250, Deduct	-2.98	
		For >250 To 500, Deduct	-5.21	
		For >500, Deduct	-7.44	
06 05 23 00-0177	EA	3/8" Diameter x 4" Length, Zinc Plated Steel, Hex Lag Bolt.....	16.67	
		For >10 To 50, Deduct	-0.79	
		For >50 To 100, Deduct	-1.60	
		For >100 To 250, Deduct	-3.21	
		For >250 To 500, Deduct	-5.60	
		For >500, Deduct	-8.00	
06 05 23 00-0178	EA	3/8" Diameter x 6" Length, Zinc Plated Steel, Hex Lag Bolt.....	17.05	
		For >10 To 50, Deduct	-0.79	
		For >50 To 100, Deduct	-1.61	
		For >100 To 250, Deduct	-3.23	
		For >250 To 500, Deduct	-5.63	
		For >500, Deduct	-8.04	
06 05 23 00-0179	EA	3/8" Diameter x 8" Length, Zinc Plated Steel, Hex Lag Bolt.....	20.99	
		For >10 To 50, Deduct	-0.95	
		For >50 To 100, Deduct	-1.95	
		For >100 To 250, Deduct	-3.90	
		For >250 To 500, Deduct	-6.80	
		For >500, Deduct	-9.70	
06 05 23 00-0180	EA	3/8" Diameter x 10" Length, Zinc Plated Steel, Hex Lag Bolt.....	22.26	
		For >10 To 50, Deduct	-1.00	
		For >50 To 100, Deduct	-2.06	
		For >100 To 250, Deduct	-4.12	
		For >250 To 500, Deduct	-7.18	
		For >500, Deduct	-10.25	
06 05 23 00-0181	EA	1/2" Diameter x 2" Length, Zinc Plated Steel, Hex Lag Bolt.....	17.04	
		For >10 To 50, Deduct	-0.80	
		For >50 To 100, Deduct	-1.62	
		For >100 To 250, Deduct	-3.24	
		For >250 To 500, Deduct	-5.66	
		For >500, Deduct	-8.08	
06 05 23 00-0182	EA	1/2" Diameter x 4" Length, Zinc Plated Steel, Hex Lag Bolt.....	18.64	
		For >10 To 50, Deduct	-0.85	
		For >50 To 100, Deduct	-1.74	
		For >100 To 250, Deduct	-3.48	
		For >250 To 500, Deduct	-6.08	
		For >500, Deduct	-8.67	
06 05 23 00-0183	EA	1/2" Diameter x 6" Length, Zinc Plated Steel, Hex Lag Bolt.....	20.41	
		For >10 To 50, Deduct	-0.90	
		For >50 To 100, Deduct	-1.87	
		For >100 To 250, Deduct	-3.73	
		For >250 To 500, Deduct	-6.50	
		For >500, Deduct	-9.27	
06 05 23 00-0184	EA	1/2" Diameter x 8" Length, Zinc Plated Steel, Hex Lag Bolt.....	23.34	
		For >10 To 50, Deduct	-1.01	
		For >50 To 100, Deduct	-2.10	
		For >100 To 250, Deduct	-4.20	
		For >250 To 500, Deduct	-7.31	
		For >500, Deduct	-10.41	
06 05 23 00-0185	EA	1/2" Diameter x 10" Length, Zinc Plated Steel, Hex Lag Bolt.....	27.63	
		For >10 To 50, Deduct	-1.17	
		For >50 To 100, Deduct	-2.45	
		For >100 To 250, Deduct	-4.89	
		For >250 To 500, Deduct	-8.51	
		For >500, Deduct	-12.12	
06 05 23 00-0186	EA	1/2" Diameter x 12" Length, Zinc Plated Steel, Hex Lag Bolt.....	30.15	
		For >10 To 50, Deduct	-1.28	
		For >50 To 100, Deduct	-2.67	
		For >100 To 250, Deduct	-5.34	
		For >250 To 500, Deduct	-9.28	
		For >500, Deduct	-13.22	
06 05 23 00-0187	EA	3/4" Diameter x 4" Length, Zinc Plated Steel, Hex Lag Bolt.....	25.63	
		For >10 To 50, Deduct	-1.01	
		For >50 To 100, Deduct	-2.16	
		For >100 To 250, Deduct	-4.31	
		For >250 To 500, Deduct	-7.48	
		For >500, Deduct	-10.64	
06 05 23 00-0188	EA	3/4" Diameter x 6" Length, Zinc Plated Steel, Hex Lag Bolt.....	30.80	
		For >10 To 50, Deduct	-1.17	
		For >50 To 100, Deduct	-2.53	
		For >100 To 250, Deduct	-5.05	
		For >250 To 500, Deduct	-8.75	
		For >500, Deduct	-12.44	
06 05 23 00-0189	EA	3/4" Diameter x 8" Length, Zinc Plated Steel, Hex Lag Bolt.....	34.46	
		For >10 To 50, Deduct	-1.22	
		For >50 To 100, Deduct	-2.70	
		For >100 To 250, Deduct	-5.39	
		For >250 To 500, Deduct	-9.31	
		For >500, Deduct	-13.23	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0190	EA	3/4"	Diameter x 10" Length, Zinc Plated Steel, Hex Lag Bolt.....	38.98	
			For >10 To 50, Deduct	-1.33	
			For >50 To 100, Deduct	-2.97	
			For >100 To 250, Deduct	-5.94	
			For >250 To 500, Deduct	-10.23	
			For >500, Deduct	-14.53	
06 05 23 00-0191	EA	3/4"	Diameter x 12" Length, Zinc Plated Steel, Hex Lag Bolt.....	44.23	
			For >10 To 50, Deduct	-1.38	
			For >50 To 100, Deduct	-3.18	
			For >100 To 250, Deduct	-6.36	
			For >250 To 500, Deduct	-10.92	
			For >500, Deduct	-15.48	
06 05 23 00-0192			Hot Dipped Galvanized Steel, Hex Lag Bolts (06 05 23 00-0171)		
06 05 23 00-0193	EA	1/4"	Diameter x 2" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	13.91	
			For >10 To 50, Deduct	-0.68	
			For >50 To 100, Deduct	-1.36	
			For >100 To 250, Deduct	-2.73	
			For >250 To 500, Deduct	-4.77	
			For >500, Deduct	-6.82	
06 05 23 00-0194	EA	1/4"	Diameter x 4" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	14.17	
			For >10 To 50, Deduct	-0.68	
			For >50 To 100, Deduct	-1.37	
			For >100 To 250, Deduct	-2.74	
			For >250 To 500, Deduct	-4.79	
			For >500, Deduct	-6.84	
06 05 23 00-0195	EA	1/4"	Diameter x 6" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	14.44	
			For >10 To 50, Deduct	-0.68	
			For >50 To 100, Deduct	-1.38	
			For >100 To 250, Deduct	-2.76	
			For >250 To 500, Deduct	-4.81	
			For >500, Deduct	-6.87	
06 05 23 00-0196	EA	3/8"	Diameter x 2" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	15.44	
			For >10 To 50, Deduct	-0.74	
			For >50 To 100, Deduct	-1.49	
			For >100 To 250, Deduct	-2.99	
			For >250 To 500, Deduct	-5.22	
			For >500, Deduct	-7.46	
06 05 23 00-0197	EA	3/8"	Diameter x 4" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	16.90	
			For >10 To 50, Deduct	-0.79	
			For >50 To 100, Deduct	-1.61	
			For >100 To 250, Deduct	-3.22	
			For >250 To 500, Deduct	-5.62	
			For >500, Deduct	-8.02	
06 05 23 00-0198	EA	3/8"	Diameter x 6" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	17.32	
			For >10 To 50, Deduct	-0.79	
			For >50 To 100, Deduct	-1.62	
			For >100 To 250, Deduct	-3.24	
			For >250 To 500, Deduct	-5.65	
			For >500, Deduct	-8.06	
06 05 23 00-0199	EA	3/8"	Diameter x 8" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	21.50	
			For >10 To 50, Deduct	-0.95	
			For >50 To 100, Deduct	-1.96	
			For >100 To 250, Deduct	-3.93	
			For >250 To 500, Deduct	-6.84	
			For >500, Deduct	-9.75	
06 05 23 00-0200	EA	3/8"	Diameter x 10" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	23.12	
			For >10 To 50, Deduct	-1.00	
			For >50 To 100, Deduct	-2.08	
			For >100 To 250, Deduct	-4.16	
			For >250 To 500, Deduct	-7.25	
			For >500, Deduct	-10.33	
06 05 23 00-0201	EA	1/2"	Diameter x 2" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	17.42	
			For >10 To 50, Deduct	-0.80	
			For >50 To 100, Deduct	-1.63	
			For >100 To 250, Deduct	-3.26	
			For >250 To 500, Deduct	-5.69	
			For >500, Deduct	-8.12	
06 05 23 00-0202	EA	1/2"	Diameter x 4" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	18.86	
			For >10 To 50, Deduct	-0.85	
			For >50 To 100, Deduct	-1.75	
			For >100 To 250, Deduct	-3.49	
			For >250 To 500, Deduct	-6.09	
			For >500, Deduct	-8.69	
06 05 23 00-0203	EA	1/2"	Diameter x 6" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	20.79	
			For >10 To 50, Deduct	-0.90	
			For >50 To 100, Deduct	-1.88	
			For >100 To 250, Deduct	-3.75	
			For >250 To 500, Deduct	-6.53	
			For >500, Deduct	-9.31	

06 Wood, Plastics, and Composites**06 05 Common Work Results for Wood, Plastics, and Composites****06 05 23 Wood, Plastic, and Composite Fastenings**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0204	EA	1/2" Diameter x 8" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	24.50	
		For >10 To 50, Deduct	-1.01	
		For >50 To 100, Deduct	-2.13	
		For >100 To 250, Deduct	-4.26	
		For >250 To 500, Deduct	-7.39	
		For >500, Deduct	-10.53	
06 05 23 00-0205	EA	1/2" Diameter x 10" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	28.19	
		For >10 To 50, Deduct	-1.17	
		For >50 To 100, Deduct	-2.46	
		For >100 To 250, Deduct	-4.92	
		For >250 To 500, Deduct	-8.55	
		For >500, Deduct	-12.18	
06 05 23 00-0206	EA	1/2" Diameter x 12" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	31.53	
		For >10 To 50, Deduct	-1.28	
		For >50 To 100, Deduct	-2.70	
		For >100 To 250, Deduct	-5.40	
		For >250 To 500, Deduct	-9.38	
		For >500, Deduct	-13.36	
06 05 23 00-0207	EA	3/4" Diameter x 4" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	26.49	
		For >10 To 50, Deduct	-1.01	
		For >50 To 100, Deduct	-2.18	
		For >100 To 250, Deduct	-4.35	
		For >250 To 500, Deduct	-7.54	
		For >500, Deduct	-10.73	
06 05 23 00-0208	EA	3/4" Diameter x 6" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	31.58	
		For >10 To 50, Deduct	-1.17	
		For >50 To 100, Deduct	-2.54	
		For >100 To 250, Deduct	-5.09	
		For >250 To 500, Deduct	-8.80	
		For >500, Deduct	-12.52	
06 05 23 00-0209	EA	3/4" Diameter x 8" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	35.76	
		For >10 To 50, Deduct	-1.22	
		For >50 To 100, Deduct	-2.73	
		For >100 To 250, Deduct	-5.46	
		For >250 To 500, Deduct	-9.41	
		For >500, Deduct	-13.36	
06 05 23 00-0210	EA	3/4" Diameter x 10" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	42.04	
		For >10 To 50, Deduct	-1.33	
		For >50 To 100, Deduct	-3.04	
		For >100 To 250, Deduct	-6.09	
		For >250 To 500, Deduct	-10.46	
		For >500, Deduct	-14.84	
06 05 23 00-0211	EA	3/4" Diameter x 12" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	47.52	
		For >10 To 50, Deduct	-1.38	
		For >50 To 100, Deduct	-3.26	
		For >100 To 250, Deduct	-6.52	
		For >250 To 500, Deduct	-11.17	
		For >500, Deduct	-15.81	
06 05 23 00-0212		304/18-8 Stainless Steel, Hex Lag Bolts (06 05 23 00-0171)		
06 05 23 00-0213	EA	1/4" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	14.89	
		For >10 To 50, Deduct	-0.68	
		For >50 To 100, Deduct	-1.39	
		For >100 To 250, Deduct	-2.78	
		For >250 To 500, Deduct	-4.85	
		For >500, Deduct	-6.91	
06 05 23 00-0214	EA	1/4" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	15.88	
		For >10 To 50, Deduct	-0.68	
		For >50 To 100, Deduct	-1.41	
		For >100 To 250, Deduct	-2.83	
		For >250 To 500, Deduct	-4.92	
		For >500, Deduct	-7.01	
06 05 23 00-0215	EA	1/4" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	18.58	
		For >10 To 50, Deduct	-0.68	
		For >50 To 100, Deduct	-1.48	
		For >100 To 250, Deduct	-2.96	
		For >250 To 500, Deduct	-5.12	
		For >500, Deduct	-7.28	
06 05 23 00-0216	EA	3/8" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	18.18	
		For >10 To 50, Deduct	-0.74	
		For >50 To 100, Deduct	-1.56	
		For >100 To 250, Deduct	-3.13	
		For >250 To 500, Deduct	-5.43	
		For >500, Deduct	-7.73	
06 05 23 00-0217	EA	3/8" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	20.73	
		For >10 To 50, Deduct	-0.79	
		For >50 To 100, Deduct	-1.71	
		For >100 To 250, Deduct	-3.41	
		For >250 To 500, Deduct	-5.91	
		For >500, Deduct	-8.41	



MINOR			TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
06 05 23 00-0218	EA	3/8" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	22.45	
		For >10 To 50, Deduct	-0.79	
		For >50 To 100, Deduct	-1.75	
		For >100 To 250, Deduct	-3.50	
		For >250 To 500, Deduct	-6.04	
		For >500, Deduct	-8.58	
06 05 23 00-0219	EA	3/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	49.61	
		For >10 To 50, Deduct	-0.95	
		For >50 To 100, Deduct	-2.67	
		For >100 To 250, Deduct	-5.33	
		For >250 To 500, Deduct	-8.95	
		For >500, Deduct	-12.56	
06 05 23 00-0220	EA	3/8" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	71.66	
		For >10 To 50, Deduct	-1.00	
		For >50 To 100, Deduct	-3.30	
		For >100 To 250, Deduct	-6.59	
		For >250 To 500, Deduct	-10.89	
		For >500, Deduct	-15.19	
06 05 23 00-0221	EA	1/2" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	22.63	
		For >10 To 50, Deduct	-0.80	
		For >50 To 100, Deduct	-1.76	
		For >100 To 250, Deduct	-3.52	
		For >250 To 500, Deduct	-6.08	
		For >500, Deduct	-8.64	
06 05 23 00-0222	EA	1/2" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	27.28	
		For >10 To 50, Deduct	-0.85	
		For >50 To 100, Deduct	-1.96	
		For >100 To 250, Deduct	-3.92	
		For >250 To 500, Deduct	-6.72	
		For >500, Deduct	-9.53	
06 05 23 00-0223	EA	1/2" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	34.56	
		For >10 To 50, Deduct	-0.90	
		For >50 To 100, Deduct	-2.22	
		For >100 To 250, Deduct	-4.44	
		For >250 To 500, Deduct	-7.56	
		For >500, Deduct	-10.68	
06 05 23 00-0224	EA	1/2" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	76.67	
		For >10 To 50, Deduct	-1.01	
		For >50 To 100, Deduct	-3.43	
		For >100 To 250, Deduct	-6.86	
		For >250 To 500, Deduct	-11.31	
		For >500, Deduct	-15.75	
06 05 23 00-0225	EA	1/2" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	105.58	
		For >10 To 50, Deduct	-1.17	
		For >50 To 100, Deduct	-4.39	
		For >100 To 250, Deduct	-8.79	
		For >250 To 500, Deduct	-14.35	
		For >500, Deduct	-19.92	
06 05 23 00-0226	EA	1/2" Diameter x 12" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	123.85	
		For >10 To 50, Deduct	-1.28	
		For >50 To 100, Deduct	-5.01	
		For >100 To 250, Deduct	-10.02	
		For >250 To 500, Deduct	-16.31	
		For >500, Deduct	-22.59	
06 05 23 00-0227	EA	3/4" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	115.91	
		For >10 To 50, Deduct	-1.01	
		For >50 To 100, Deduct	-4.41	
		For >100 To 250, Deduct	-8.83	
		For >250 To 500, Deduct	-14.25	
		For >500, Deduct	-19.67	
06 05 23 00-0228	EA	3/4" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	132.41	
		For >10 To 50, Deduct	-1.17	
		For >50 To 100, Deduct	-5.07	
		For >100 To 250, Deduct	-10.13	
		For >250 To 500, Deduct	-16.37	
		For >500, Deduct	-22.60	
06 05 23 00-0229	EA	3/4" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	137.74	
		For >10 To 50, Deduct	-1.22	
		For >50 To 100, Deduct	-5.28	
		For >100 To 250, Deduct	-10.55	
		For >250 To 500, Deduct	-17.05	
		For >500, Deduct	-23.55	
06 05 23 00-0230	EA	3/4" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	193.00	
		For >10 To 50, Deduct	-1.33	
		For >50 To 100, Deduct	-6.82	
		For >100 To 250, Deduct	-13.64	
		For >250 To 500, Deduct	-21.78	
		For >500, Deduct	-29.93	
06 05 23 00-0231	EA	3/4" Diameter x 12" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	211.00	
		For >10 To 50, Deduct	-1.38	
		For >50 To 100, Deduct	-7.35	
		For >100 To 250, Deduct	-14.70	
		For >250 To 500, Deduct	-23.43	
		For >500, Deduct	-32.16	

06 Wood, Plastics, and Composites**06 05 Common Work Results for Wood, Plastics, and Composites****06 05 23 Wood, Plastic, and Composite Fastenings**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

06 05 23 00-0232 Stainless Steel Screws (06 05 23 00-0093)

06 05 23 00-0233	EA	#8 x 1-1/2" Stainless Steel Screw	2.15
06 05 23 00-0234	EA	#9 x 1-1/2" Stainless Steel Screw	2.19
06 05 23 00-0235	EA	#10 x 1-1/2" Stainless Steel Screw	2.25
06 05 23 00-0236	EA	#12 x 1-1/2" Stainless Steel Screw	2.43

06 05 23 00-0237 Galvanized Steel Screws (06 05 23 00-0093)

06 05 23 00-0238	EA	#8 x 1-1/2" Galvanized Steel Screw	1.98
06 05 23 00-0239	EA	#9 x 1-1/2" Galvanized Steel Screw	2.03
06 05 23 00-0240	EA	#10 x 1-1/2" Galvanized Steel Screw	2.07
06 05 23 00-0241	EA	#12 x 1-1/2" Galvanized Steel Screw	2.22
06 05 23 00-0242	EA	#8 x 2-1/2" Galvanized Steel Screw	2.02
06 05 23 00-0243	EA	#9 x 2-1/2" Galvanized Steel Screw	2.06
06 05 23 00-0244	EA	#10 x 2-1/2" Galvanized Steel Screw	2.11
06 05 23 00-0245	EA	#12 x 2-1/2" Galvanized Steel Screw	2.30

06 05 23 00-0246 Timber Bolts (06 05 23 00-0093)

Note: Includes drilling of holes in any material.

06 05 23 00-0247	EA	5/8" - 11 x 4" Threaded x 8" OAL A153 Galvanized Timber Bolt (Fastenal #11103914)	37.84
		For >10 To 50, Deduct	-1.12
		For >50 To 100, Deduct	-2.63
		For >100 To 250, Deduct	-5.27
		For >250 To 500, Deduct	-9.02
		For >500, Deduct	-12.78
06 05 23 00-0248	EA	5/8" - 11 x 4" Threaded x 10" OAL A153 Galvanized Timber Bolt (Fastenal #11103915)	42.84
		For >10 To 50, Deduct	-1.26
		For >50 To 100, Deduct	-2.96
		For >100 To 250, Deduct	-5.92
		For >250 To 500, Deduct	-10.14
		For >500, Deduct	-14.36
06 05 23 00-0249	EA	5/8" - 11 x 6" Threaded x 12" OAL A153 Galvanized Timber Bolt (Fastenal #11103916)	46.38
		For >10 To 50, Deduct	-1.34
		For >50 To 100, Deduct	-3.17
		For >100 To 250, Deduct	-6.34
		For >250 To 500, Deduct	-10.85
		For >500, Deduct	-15.36
06 05 23 00-0250	EA	5/8" - 11 x 6" Threaded x 14" OAL A153 Galvanized Timber Bolt (Fastenal #11103917)	52.16
		For >10 To 50, Deduct	-1.42
		For >50 To 100, Deduct	-3.43
		For >100 To 250, Deduct	-6.86
		For >250 To 500, Deduct	-11.71
		For >500, Deduct	-16.56
06 05 23 00-0251	EA	5/8" - 11 x 6" Threaded x 16" OAL A153 Galvanized Timber Bolt (Fastenal #11103918)	55.60
		For >10 To 50, Deduct	-1.49
		For >50 To 100, Deduct	-3.63
		For >100 To 250, Deduct	-7.26
		For >250 To 500, Deduct	-12.39
		For >500, Deduct	-17.51
06 05 23 00-0252	EA	5/8" - 11 x 6" Threaded x 18" OAL A153 Galvanized Timber Bolt (Fastenal #11103919)	57.68
		For >10 To 50, Deduct	-1.56
		For >50 To 100, Deduct	-3.78
		For >100 To 250, Deduct	-7.56
		For >250 To 500, Deduct	-12.90
		For >500, Deduct	-18.24
06 05 23 00-0253	EA	3/4" - 11 x 4" Threaded x 10" OAL A153 Galvanized Timber Bolt (Fastenal #11103920)	52.09
		For >10 To 50, Deduct	-1.34
		For >50 To 100, Deduct	-3.31
		For >100 To 250, Deduct	-6.63
		For >250 To 500, Deduct	-11.28
		For >500, Deduct	-15.93
06 05 23 00-0254	EA	3/4" - 11 x 6" Threaded x 12" OAL A153 Galvanized Timber Bolt (Fastenal #11103921)	54.54
		For >10 To 50, Deduct	-1.40
		For >50 To 100, Deduct	-3.46
		For >100 To 250, Deduct	-6.91
		For >250 To 500, Deduct	-11.77
		For >500, Deduct	-16.62
06 05 23 00-0255	EA	3/4" - 11 x 6" Threaded x 14" OAL A153 Galvanized Timber Bolt (Fastenal #11103922)	60.83
		For >10 To 50, Deduct	-1.48
		For >50 To 100, Deduct	-3.74
		For >100 To 250, Deduct	-7.48
		For >250 To 500, Deduct	-12.69
		For >500, Deduct	-17.91
06 05 23 00-0256	EA	3/4" - 11 x 6" Threaded x 16" OAL A153 Galvanized Timber Bolt (Fastenal #11103923)	65.50
		For >10 To 50, Deduct	-1.55
		For >50 To 100, Deduct	-3.97
		For >100 To 250, Deduct	-7.94
		For >250 To 500, Deduct	-13.46
		For >500, Deduct	-18.99



MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST		UNIT COST
06 05 23 00-0257	EA 3/4" - 11 x 6" Threaded x 18" OAL A153 Galvanized Timber Bolt (Fastenal #11103924)	70.61		
	For >10 To 50, Deduct	-1.63		
	For >50 To 100, Deduct	-4.21		
	For >100 To 250, Deduct	-8.42		
	For >250 To 500, Deduct	-14.26		
	For >500, Deduct	-20.11		
06 05 23 00-0258	Supports (06 05 23)			
06 05 23 00-0259	Shear Plates (06 05 23 00-0258)			
06 05 23 00-0260	EA 2-5/8" Diameter, Shear Plate	16.15		4.02
	For >10 To 50, Deduct	-0.45		
	For >50 To 100, Deduct	-1.08		
	For >100 To 250, Deduct	-2.16		
	For >250 To 500, Deduct	-3.70		
	For >500, Deduct	-5.23		
06 05 23 00-0261	EA 4" Diameter, Shear Plate	15.39		4.23
	For >10 To 50, Deduct	-0.47		
	For >50 To 100, Deduct	-1.09		
	For >100 To 250, Deduct	-2.18		
	For >250 To 500, Deduct	-3.75		
	For >500, Deduct	-5.31		
06 05 23 00-0262	Sill Anchors (06 05 23 00-0258)			
06 05 23 00-0263	EA Sill Anchor Embedded In Concrete	13.46		4.23
	For >10 To 50, Deduct	-0.47		
	For >50 To 100, Deduct	-1.04		
	For >100 To 250, Deduct	-2.09		
	For >250 To 500, Deduct	-3.60		
	For >500, Deduct	-5.12		
06 05 23 00-0264	Spike Grids (06 05 23 00-0258)			
06 05 23 00-0265	EA 3" x 6" Flat Or Curved Spike Grid	11.87		4.02
	For >10 To 50, Deduct	-0.45		
	For >50 To 100, Deduct	-0.97		
	For >100 To 250, Deduct	-1.95		
	For >250 To 500, Deduct	-3.38		
	For >500, Deduct	-4.80		
06 05 23 00-0266	Split Rings (06 05 23 00-0258)			
06 05 23 00-0267	EA 2-1/2" Diameter Split Ring	16.39		4.02
	For >10 To 50, Deduct	-0.45		
	For >50 To 100, Deduct	-1.09		
	For >100 To 250, Deduct	-2.18		
	For >250 To 500, Deduct	-3.72		
	For >500, Deduct	-5.26		
06 05 23 00-0268	EA 4" Diameter Split Ring	17.60		4.45
	For >10 To 50, Deduct	-0.49		
	For >50 To 100, Deduct	-1.18		
	For >100 To 250, Deduct	-2.36		
	For >250 To 500, Deduct	-4.03		
	For >500, Deduct	-5.70		
06 05 23 00-0269	Toothed Rings (06 05 23 00-0258)			
06 05 23 00-0270	EA 2-5/8" Or 4" Toothed Ring	12.72		4.02
	For >10 To 50, Deduct	-0.45		
	For >50 To 100, Deduct	-1.00		
	For >100 To 250, Deduct	-1.99		
	For >250 To 500, Deduct	-3.44		
	For >500, Deduct	-4.89		
06 05 23 00-0271	Straps And Shields (06 05 23)			
06 05 23 00-0272	Shield Plate (06 05 23 00-0271)			
06 05 23 00-0273	EA 5" Wide x 8" Long, 16 Gauge, Galvanized Shield Plate (Simpson Strong Tie® PSPN58Z)	8.60		
	For >10 To 50, Deduct	-0.07		
	For >50 To 100, Deduct	-0.28		
	For >100 To 250, Deduct	-0.57		
	For >250 To 500, Deduct	-0.98		
	For >500, Deduct	-1.48		
06 05 23 00-0274	EA 5" Wide x 16" Long, 16 Gauge, Galvanized Shield Plate (Simpson Strong Tie® PSPN516Z)	13.75		
	For >10 To 50, Deduct	-0.08		
	For >50 To 100, Deduct	-0.43		
	For >100 To 250, Deduct	-0.85		
	For >250 To 500, Deduct	-1.44		
	For >500, Deduct	-2.12		

06 Wood, Plastics, and Composites**06 05 Common Work Results for Wood, Plastics, and Composites****06 05 23 Wood, Plastic, and Composite Fastenings**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

06 05 23 00-0275 Strap Ties (06 05 23 00-0271)

06 05 23 00-0276	EA 1-1/4" Wide x 9" Long, 20 Gauge, Galvanized Strap Tie (Simpson Strong Tie® LSTA9).....	3.24
	For>10 To 50, Deduct	-0.05
	For>50 To 100, Deduct	-0.14
	For>100 To 250, Deduct	-0.27
	For>250 To 500, Deduct	-0.51
	For>500, Deduct	-0.82
06 05 23 00-0277	EA 1-1/4" Wide x 12" Long, 20 Gauge, Galvanized Strap Tie (Simpson Strong Tie® LSTA12).....	3.33
	For>10 To 50, Deduct	-0.05
	For>50 To 100, Deduct	-0.14
	For>100 To 250, Deduct	-0.27
	For>250 To 500, Deduct	-0.52
	For>500, Deduct	-0.83
06 05 23 00-0278	EA 1-1/4" Wide x 15" Long, 20 Gauge, Galvanized Strap Tie (Simpson Strong Tie® LSTA15).....	4.26
	For>10 To 50, Deduct	-0.07
	For>50 To 100, Deduct	-0.17
	For>100 To 250, Deduct	-0.35
	For>250 To 500, Deduct	-0.66
	For>500, Deduct	-1.05
06 05 23 00-0279	EA 1-1/4" Wide x 18" Long, 20 Gauge, Galvanized Strap Tie (Simpson Strong Tie® LSTA18).....	4.43
	For>10 To 50, Deduct	-0.07
	For>50 To 100, Deduct	-0.18
	For>100 To 250, Deduct	-0.36
	For>250 To 500, Deduct	-0.67
	For>500, Deduct	-1.07
06 05 23 00-0280	EA 1-1/4" Wide x 21" Long, 20 Gauge, Galvanized Strap Tie (Simpson Strong Tie® LSTA21).....	4.61
	For>10 To 50, Deduct	-0.07
	For>50 To 100, Deduct	-0.18
	For>100 To 250, Deduct	-0.37
	For>250 To 500, Deduct	-0.68
	For>500, Deduct	-1.08
06 05 23 00-0281	EA 1-1/4" Wide x 24" Long, 20 Gauge, Galvanized Strap Tie (Simpson Strong Tie® LSTA24).....	5.29
	For>10 To 50, Deduct	-0.08
	For>50 To 100, Deduct	-0.21
	For>100 To 250, Deduct	-0.43
	For>250 To 500, Deduct	-0.80
	For>500, Deduct	-1.28
06 05 23 00-0282	EA 1-1/4" Wide x 30" Long, 20 Gauge, Galvanized Strap Tie (Simpson Strong Tie® LSTA30).....	6.92
	For>10 To 50, Deduct	-0.08
	For>50 To 100, Deduct	-0.25
	For>100 To 250, Deduct	-0.51
	For>250 To 500, Deduct	-0.93
	For>500, Deduct	-1.44
06 05 23 00-0283	EA 1-1/4" Wide x 36" Long, 20 Gauge, Galvanized Strap Tie (Simpson Strong Tie® LSTA36).....	8.03
	For>10 To 50, Deduct	-0.10
	For>50 To 100, Deduct	-0.30
	For>100 To 250, Deduct	-0.59
	For>250 To 500, Deduct	-1.08
	For>500, Deduct	-1.68
06 05 23 00-0284	EA 1-1/4" Wide x 9" Long, 18 Gauge, Galvanized Strap Tie (Simpson Strong Tie® MSTA9).....	3.61
	For>10 To 50, Deduct	-0.05
	For>50 To 100, Deduct	-0.14
	For>100 To 250, Deduct	-0.29
	For>250 To 500, Deduct	-0.54
	For>500, Deduct	-0.86
06 05 23 00-0285	EA 1-1/4" Wide x 12" Long, 18 Gauge, Galvanized Strap Tie (Simpson Strong Tie® MSTA12).....	3.74
	For>10 To 50, Deduct	-0.05
	For>50 To 100, Deduct	-0.15
	For>100 To 250, Deduct	-0.30
	For>250 To 500, Deduct	-0.55
	For>500, Deduct	-0.87
06 05 23 00-0286	EA 1-1/4" Wide x 15" Long, 18 Gauge, Galvanized Strap Tie (Simpson Strong Tie® MSTA15).....	4.77
	For>10 To 50, Deduct	-0.07
	For>50 To 100, Deduct	-0.19
	For>100 To 250, Deduct	-0.37
	For>250 To 500, Deduct	-0.70
	For>500, Deduct	-1.10
06 05 23 00-0287	EA 1-1/4" Wide x 18" Long, 18 Gauge, Galvanized Strap Tie (Simpson Strong Tie® MSTA18).....	4.99
	For>10 To 50, Deduct	-0.07
	For>50 To 100, Deduct	-0.19
	For>100 To 250, Deduct	-0.39
	For>250 To 500, Deduct	-0.71
	For>500, Deduct	-1.12
06 05 23 00-0288	EA 1-1/4" Wide x 21" Long, 18 Gauge, Galvanized Strap Tie (Simpson Strong Tie® MSTA21).....	5.09
	For>10 To 50, Deduct	-0.07
	For>50 To 100, Deduct	-0.20
	For>100 To 250, Deduct	-0.39
	For>250 To 500, Deduct	-0.72
	For>500, Deduct	-1.13
06 05 23 00-0289	EA 1-1/4" Wide x 24" Long, 18 Gauge, Galvanized Strap Tie (Simpson Strong Tie® MSTA24).....	5.80
	For>10 To 50, Deduct	-0.08
	For>50 To 100, Deduct	-0.23
	For>100 To 250, Deduct	-0.45
	For>250 To 500, Deduct	-0.84
	For>500, Deduct	-1.33



MINOR			TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
06 05 23 00-0290	EA	1-1/4" Wide x 30" Long, 18 Gauge, Galvanized Strap Tie (Simpson Strong Tie® MSTA30).....	7.26	
		For >10 To 50, Deduct	-0.08	
		For >50 To 100, Deduct	-0.26	
		For >100 To 250, Deduct	-0.53	
		For >250 To 500, Deduct	-0.95	
		For >500, Deduct	-1.47	
06 05 23 00-0291	EA	1-1/4" Wide x 36" Long, 18 Gauge, Galvanized Strap Tie (Simpson Strong Tie® MSTA36).....	8.04	
		For >10 To 50, Deduct	-0.10	
		For >50 To 100, Deduct	-0.30	
		For >100 To 250, Deduct	-0.59	
		For >250 To 500, Deduct	-1.08	
		For >500, Deduct	-1.68	
06 05 23 00-0292	EA	1-1/4" Wide x 36" Long, 18 Gauge, Galvanized Strap Tie (Simpson Strong Tie® MSTA49).....	12.79	
		For >10 To 50, Deduct	-0.11	
		For >50 To 100, Deduct	-0.43	
		For >100 To 250, Deduct	-0.86	
		For >250 To 500, Deduct	-1.50	
		For >500, Deduct	-2.28	
06 05 23 00-0293	EA	1-1/4" Wide x 9" Long, 16 Gauge, Galvanized Strap Tie (Simpson Strong Tie® ST9).....	4.29	
		For >10 To 50, Deduct	-0.05	
		For >50 To 100, Deduct	-0.16	
		For >100 To 250, Deduct	-0.32	
		For >250 To 500, Deduct	-0.59	
		For >500, Deduct	-0.93	
06 05 23 00-0294	EA	1-1/4" Wide x 12" Long, 16 Gauge, Galvanized Strap Tie (Simpson Strong Tie® ST12).....	4.30	
		For >10 To 50, Deduct	-0.05	
		For >50 To 100, Deduct	-0.16	
		For >100 To 250, Deduct	-0.32	
		For >250 To 500, Deduct	-0.59	
		For >500, Deduct	-0.93	
06 05 23 00-0295	EA	1-1/4" Wide x 18" Long, 16 Gauge, Galvanized Strap Tie (Simpson Strong Tie® ST18).....	5.23	
		For >10 To 50, Deduct	-0.07	
		For >50 To 100, Deduct	-0.20	
		For >100 To 250, Deduct	-0.40	
		For >250 To 500, Deduct	-0.73	
		For >500, Deduct	-1.15	
06 05 23 00-0296	EA	1-1/4" Wide x 22" Long, 16 Gauge, Galvanized Strap Tie (Simpson Strong Tie® ST22).....	7.26	
		For >10 To 50, Deduct	-0.08	
		For >50 To 100, Deduct	-0.26	
		For >100 To 250, Deduct	-0.53	
		For >250 To 500, Deduct	-0.95	
		For >500, Deduct	-1.47	
06 05 23 00-0297	EA	1-3/8" Wide x 6" Long, 12 Gauge, Galvanized Strap Tie (Simpson Strong Tie® HRS6).....	6.23	
		For >10 To 50, Deduct	-0.05	
		For >50 To 100, Deduct	-0.21	
		For >100 To 250, Deduct	-0.42	
		For >250 To 500, Deduct	-0.74	
		For >500, Deduct	-1.12	
06 05 23 00-0298	EA	1-3/8" Wide x 8" Long, 12 Gauge, Galvanized Strap Tie (Simpson Strong Tie® HRS8).....	6.89	
		For >10 To 50, Deduct	-0.05	
		For >50 To 100, Deduct	-0.23	
		For >100 To 250, Deduct	-0.45	
		For >250 To 500, Deduct	-0.79	
		For >500, Deduct	-1.19	
06 05 23 00-0299	EA	1-3/8" Wide x 12" Long, 12 Gauge, Galvanized Strap Tie (Simpson Strong Tie® HRS12).....	9.05	
		For >10 To 50, Deduct	-0.07	
		For >50 To 100, Deduct	-0.29	
		For >100 To 250, Deduct	-0.59	
		For >250 To 500, Deduct	-1.02	
		For >500, Deduct	-1.53	
06 05 23 00-0300	EA	2-1/16" Wide x 27" Long, 12 Gauge, Galvanized Medium Strap Tie (Simpson Strong Tie® MST27)	13.51	
		For >10 To 50, Deduct	-0.08	
		For >50 To 100, Deduct	-0.42	
		For >100 To 250, Deduct	-0.84	
		For >250 To 500, Deduct	-1.42	
		For >500, Deduct	-2.10	
06 05 23 00-0301	EA	2-1/16" Wide x 37" Long, 12 Gauge, Galvanized Medium Strap Tie (Simpson Strong Tie® MST37)	16.85	
		For >10 To 50, Deduct	-0.10	
		For >50 To 100, Deduct	-0.52	
		For >100 To 250, Deduct	-1.03	
		For >250 To 500, Deduct	-1.74	
		For >500, Deduct	-2.56	
06 05 23 00-0302	EA	2-1/16" Wide x 48" Long, 12 Gauge, Galvanized Medium Strap Tie (Simpson Strong Tie® MST48)	25.01	
		For >10 To 50, Deduct	-0.11	
		For >50 To 100, Deduct	-0.73	
		For >100 To 250, Deduct	-1.47	
		For >250 To 500, Deduct	-2.42	
		For >500, Deduct	-3.50	
06 05 23 00-0303	EA	2-1/16" Wide x 60" Long, 12 Gauge, Galvanized Medium Strap Tie (Simpson Strong Tie® MST60)	43.71	
		For >10 To 50, Deduct	-0.12	
		For >50 To 100, Deduct	-1.21	
		For >100 To 250, Deduct	-2.43	
		For >250 To 500, Deduct	-3.89	
		For >500, Deduct	-5.49	

06 Wood, Plastics, and Composites**06 05 Common Work Results for Wood, Plastics, and Composites****06 05 23 Wood, Plastic, and Composite Fastenings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0304	EA		2-1/16" Wide x 72" Long, 12 Gauge, Galvanized Medium Strap Tie (Simpson Strong Tie® MST72).....	56.40	
			For >10 To 50, Deduct	-0.14	
			For >50 To 100, Deduct	-1.55	
			For >100 To 250, Deduct	-3.09	
			For >250 To 500, Deduct	-4.91	
			For >500, Deduct	-6.89	
06 05 23 00-0305	EA		3" Wide x 28-1/4" Long, 16 Gauge, Galvanized Strap Ties (Simpson Strong Tie® MSTC28).....	16.15	
			For >10 To 50, Deduct	-0.08	
			For >50 To 100, Deduct	-0.49	
			For >100 To 250, Deduct	-0.97	
			For >250 To 500, Deduct	-1.62	
			For >500, Deduct	-2.36	
06 05 23 00-0306	EA		3" Wide x 40-1/4" Long, 16 Gauge, Galvanized Strap Ties (Simpson Strong Tie® MSTC40).....	20.88	
			For >10 To 50, Deduct	-0.10	
			For >50 To 100, Deduct	-0.62	
			For >100 To 250, Deduct	-1.23	
			For >250 To 500, Deduct	-2.04	
			For >500, Deduct	-2.96	
06 05 23 00-0307	EA		3" Wide x 52-1/4" Long, 16 Gauge, Galvanized Strap Ties (Simpson Strong Tie® MSTC52).....	24.39	
			For >10 To 50, Deduct	-0.11	
			For >50 To 100, Deduct	-0.72	
			For >100 To 250, Deduct	-1.44	
			For >250 To 500, Deduct	-2.37	
			For >500, Deduct	-3.44	
06 05 23 00-0308	EA		3" Wide x 66-1/4" Long, 16 Gauge, Galvanized Strap Ties (Simpson Strong Tie® MSTC66).....	37.23	
			For >10 To 50, Deduct	-0.12	
			For >50 To 100, Deduct	-1.05	
			For >100 To 250, Deduct	-2.11	
			For >250 To 500, Deduct	-3.40	
			For >500, Deduct	-4.85	
06 05 23 00-0309			Twist Strap Ties (06 05 23 00-0271)		
06 05 23 00-0310	EA		1-1/4" Wide x 12" Long, 18 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® LTS12).....	3.82	
			For >10 To 50, Deduct	-0.05	
			For >50 To 100, Deduct	-0.15	
			For >100 To 250, Deduct	-0.30	
			For >250 To 500, Deduct	-0.56	
			For >500, Deduct	-0.88	
06 05 23 00-0311	EA		1-1/4" Wide x 16" Long, 18 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® LTS16).....	4.82	
			For >10 To 50, Deduct	-0.06	
			For >50 To 100, Deduct	-0.18	
			For >100 To 250, Deduct	-0.36	
			For >250 To 500, Deduct	-0.67	
			For >500, Deduct	-1.04	
06 05 23 00-0312	EA		1-1/4" Wide x 18" Long, 18 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® LTS18).....	5.56	
			For >10 To 50, Deduct	-0.07	
			For >50 To 100, Deduct	-0.21	
			For >100 To 250, Deduct	-0.41	
			For >250 To 500, Deduct	-0.76	
			For >500, Deduct	-1.18	
06 05 23 00-0313	EA		1-1/4" Wide x 20" Long, 18 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® LTS20).....	6.02	
			For >10 To 50, Deduct	-0.07	
			For >50 To 100, Deduct	-0.23	
			For >100 To 250, Deduct	-0.45	
			For >250 To 500, Deduct	-0.82	
			For >500, Deduct	-1.29	
06 05 23 00-0314	EA		1-1/4" Wide x 12" Long, 16 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® MTS12).....	3.77	
			For >10 To 50, Deduct	-0.05	
			For >50 To 100, Deduct	-0.15	
			For >100 To 250, Deduct	-0.30	
			For >250 To 500, Deduct	-0.55	
			For >500, Deduct	-0.87	
06 05 23 00-0315	EA		1-1/4" Wide x 16" Long, 16 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® MTS16).....	4.90	
			For >10 To 50, Deduct	-0.06	
			For >50 To 100, Deduct	-0.18	
			For >100 To 250, Deduct	-0.37	
			For >250 To 500, Deduct	-0.67	
			For >500, Deduct	-1.05	
06 05 23 00-0316	EA		1-1/4" Wide x 18" Long, 16 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® MTS18).....	5.70	
			For >10 To 50, Deduct	-0.07	
			For >50 To 100, Deduct	-0.21	
			For >100 To 250, Deduct	-0.42	
			For >250 To 500, Deduct	-0.77	
			For >500, Deduct	-1.19	
06 05 23 00-0317	EA		1-1/4" Wide x 20" Long, 16 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® MTS20).....	6.07	
			For >10 To 50, Deduct	-0.07	
			For >50 To 100, Deduct	-0.23	
			For >100 To 250, Deduct	-0.45	
			For >250 To 500, Deduct	-0.83	
			For >500, Deduct	-1.29	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0318	EA	1-1/4" Wide x 24" Long, 16 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® MTS24)	8.36		
		For >10 To 50, Deduct	-0.08		
		For >50 To 100, Deduct	-0.29		
		For >100 To 250, Deduct	-0.58		
		For >250 To 500, Deduct	-1.03		
		For >500, Deduct	-1.58		
06 05 23 00-0319	EA	1-1/4" Wide x 16" Long, 14 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® HTS16)	6.39		
		For >10 To 50, Deduct	-0.06		
		For >50 To 100, Deduct	-0.22		
		For >100 To 250, Deduct	-0.44		
		For >250 To 500, Deduct	-0.78		
		For >500, Deduct	-1.20		
06 05 23 00-0320	EA	1-1/4" Wide x 20" Long, 14 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® HTS20)	7.65		
		For >10 To 50, Deduct	-0.07		
		For >50 To 100, Deduct	-0.27		
		For >100 To 250, Deduct	-0.53		
		For >250 To 500, Deduct	-0.95		
		For >500, Deduct	-1.45		
06 05 23 00-0321	EA	1-1/4" Wide x 24" Long, 14 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® HTS24)	8.90		
		For >10 To 50, Deduct	-0.08		
		For >50 To 100, Deduct	-0.30		
		For >100 To 250, Deduct	-0.61		
		For >250 To 500, Deduct	-1.07		
		For >500, Deduct	-1.64		
06 05 23 00-0322		Retrofit Plate Strap (06 05 23 00-0271)			
06 05 23 00-0323	EA	1-3/8" Wide x 18-5/16" Long, 16 Gauge, Galvanized Retrofit Plate Strap (Simpson Strong Tie® RPS18)	6.38		
		For >10 To 50, Deduct	-0.07		
		For >50 To 100, Deduct	-0.23		
		For >100 To 250, Deduct	-0.45		
		For >250 To 500, Deduct	-0.82		
		For >500, Deduct	-1.26		
06 05 23 00-0324	EA	1-3/8" Wide x 22-5/16" Long, 16 Gauge, Galvanized Retrofit Plate Strap (Simpson Strong Tie® RPS22)	7.33		
		For >10 To 50, Deduct	-0.07		
		For >50 To 100, Deduct	-0.25		
		For >100 To 250, Deduct	-0.50		
		For >250 To 500, Deduct	-0.89		
		For >500, Deduct	-1.36		
06 05 23 00-0325	EA	1-3/8" Wide x 28-5/16" Long, 16 Gauge, Galvanized Retrofit Plate Strap (Simpson Strong Tie® RPS28)	8.82		
		For >10 To 50, Deduct	-0.07		
		For >50 To 100, Deduct	-0.29		
		For >100 To 250, Deduct	-0.58		
		For >250 To 500, Deduct	-1.00		
		For >500, Deduct	-1.51		
06 05 23 00-0326		Stud Shoe (06 05 23 00-0271)			
06 05 23 00-0327	EA	6" High With 3-1/4" Wide Tabs For 2X Stud, 16 Gauge, Galvanized Stud Shoe (Simpson Strong Tie® SS1.5)	11.00		
		For >10 To 50, Deduct	-0.08		
		For >50 To 100, Deduct	-0.36		
		For >100 To 250, Deduct	-0.71		
		For >250 To 500, Deduct	-1.23		
		For >500, Deduct	-1.85		
06 05 23 00-0328	EA	6" High With 3-1/4" Wide Tabs For 3X Stud, 16 Gauge, Galvanized Stud Shoe (Simpson Strong Tie® SS2.5)	22.01		
		For >10 To 50, Deduct	-0.08		
		For >50 To 100, Deduct	-0.63		
		For >100 To 250, Deduct	-1.26		
		For >250 To 500, Deduct	-2.06		
		For >500, Deduct	-2.95		
06 05 23 00-0329	EA	6" High With 3-1/4" Wide Tabs For 2-2X Studs, 16 Gauge, Galvanized Stud Shoe (Simpson Strong Tie® SS3)	22.11		
		For >10 To 50, Deduct	-0.08		
		For >50 To 100, Deduct	-0.63		
		For >100 To 250, Deduct	-1.27		
		For >250 To 500, Deduct	-2.06		
		For >500, Deduct	-2.96		
06 05 23 00-0330	EA	6" High With 3-1/4" Wide Tabs For 3-2X Studs, 16 Gauge, Galvanized Stud Shoe (Simpson Strong Tie® SS4.5)	29.77		
		For >10 To 50, Deduct	-0.08		
		For >50 To 100, Deduct	-0.83		
		For >100 To 250, Deduct	-1.65		
		For >250 To 500, Deduct	-2.64		
		For >500, Deduct	-3.72		
06 05 23 00-0331	EA	7-1/8" High With 3-1/4" Wide Tabs For 2X Studs, 16 Gauge, Galvanized Stud Shoe (Simpson Strong Tie® HSS2-SDS1.5)	27.95		
		For >10 To 50, Deduct	-0.08		
		For >50 To 100, Deduct	-0.78		
		For >100 To 250, Deduct	-1.56		
		For >250 To 500, Deduct	-2.50		
		For >500, Deduct	-3.54		
06 05 23 00-0332	EA	7-1/8" High With 3-1/4" Wide Tabs For 2-2X Studs, 16 Gauge, Galvanized Stud Shoe (Simpson Strong Tie HSS2-2-SDS3)	30.31		
		For >10 To 50, Deduct	-0.08		
		For >50 To 100, Deduct	-0.84		
		For >100 To 250, Deduct	-1.68		
		For >250 To 500, Deduct	-2.68		
		For >500, Deduct	-3.78		

06 Wood, Plastics, and Composites**06 05 Common Work Results for Wood, Plastics, and Composites****06 05 23 Wood, Plastic, and Composite Fastenings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0333	EA		7-1/8" High With 3-1/4" Wide Tabs For 3-2X Studs, 16 Gauge, Galvanized Stud Shoe (Simpson Strong Tie® HSS2-3-SDS3)	32.11	
			For >10 To 50, Deduct	-0.08	
			For >50 To 100, Deduct	-0.88	
			For >100 To 250, Deduct	-1.77	
			For >250 To 500, Deduct	-2.81	
			For >500, Deduct	-3.96	
06 05 23 00-0334	EA		7-1/8" High With 3-1/4" Wide Tabs For 4X Studs, 16 Gauge, Galvanized Stud Shoe (Simpson Strong Tie® HSS4-SDS3)	48.72	
			For >10 To 50, Deduct	-0.08	
			For >50 To 100, Deduct	-1.30	
			For >100 To 250, Deduct	-2.60	
			For >250 To 500, Deduct	-4.06	
			For >500, Deduct	-5.62	
06 05 23 00-0335			Nail Stops (06 05 23 00-0271)		
06 05 23 00-0336	EA		1-1/2" Wide x 3" Long, 16 Gauge, Galvanized Nail Stops (Simpson Strong Tie® NS1)	2.96	
			For >10 To 50, Deduct	-0.05	
			For >50 To 100, Deduct	-0.13	
			For >100 To 250, Deduct	-0.26	
			For >250 To 500, Deduct	-0.49	
			For >500, Deduct	-0.79	
06 05 23 00-0337	EA		1-1/2" Wide x 6" Long, 16 Gauge, Galvanized Nail Stops (Simpson Strong Tie® NS2)	3.12	
			For >10 To 50, Deduct	-0.05	
			For >50 To 100, Deduct	-0.13	
			For >100 To 250, Deduct	-0.26	
			For >250 To 500, Deduct	-0.50	
			For >500, Deduct	-0.81	

06 05 73 Wood Treatment (06 05)**06 05 73 13 Fire-Retardant Wood Treatment** (06 05 73)

06 05 73 13-0001 Preservative Treated Lumber (06 05 73 13)

06 05 73 13-0002 Fire Retardant Treatment (FRT) For Lumber (06 05 73 13-0001)

06 05 73 13-0003 MBF Fire Retardant Treatment (FRT) For Lumber 771.52

06 05 73 33 Preservative Wood Treatment (06 05 73)

06 05 73 33-0001 Preservative Treatment For Marine And Fresh Water Uses (06 05 73 33)

06 05 73 33-0002 MBF Preservative Treatment For Marine And Fresh Water Lumber 122.88

06 10 Rough Carpentry (06)**06 11 Wood Framing** (06 10)

Note: All framing lumber is grade #2 or better unless otherwise listed. Dimensions are nominal. See CSI section 06 05 23 00-0000 for anchors and supports.

06 11 13 Engineered Wood Products (06 11)

Note: All framing lumber is grade #2 or better unless otherwise listed. Dimensions are nominal.

06 11 13 00-0001 Built-Up Members (06 11 13)

Note: A structural framing member made from fastening separate pieces of lumber together.

06 11 13 00-0002 Built-Up Beams Or Joists (06 11 13 00-0001)

06 11 13 00-0003 LF Two 2" x 6" Built-up Wood Beam Or Joist 4.36 1.86

For Each Additional 2" x_ " In The Built Up Member, Add
			0.76	
06 11 13 00-0004	LF	Two 2" x 8" Built-up Wood Beam Or Joist.....	5.42	2.19
		For Each Additional 2" x_ " In The Built Up Member, Add	1.07	
06 11 13 00-0005	LF	Two 2" x 10" Built-up Wood Beam Or Joist.....	6.91	2.62
		For Each Additional 2" x_ " In The Built Up Member, Add	1.49	
06 11 13 00-0006		**Built-Up Posts** (06 11 13 00-0001)		
06 11 13 00-0007	LF	Two 2" x 6" Built-up Wood Post.....	4.36	1.86
		For Each Additional 2" x_ " In The Built Up Member, Add	0.76	
06 11 13 00-0008	LF	Two 2" x 8" Built-up Wood Post.....	5.42	2.19
		For Each Additional 2" x_ " In The Built Up Member, Add	1.07	
06 11 13 00-0009	LF	Two 2" x 10" Built-up Wood Post.....	6.91	2.62
		For Each Additional 2" x_ " In The Built Up Member, Add	1.49	
06 11 16 Mechanically Graded Lumber				
06 11 16 00-0001		**Rafters And Joists** (06 11 16)		
06 11 16 00-0002		**Rafters** (06 11 16 00-0001)		
		Note: An inclined roof framing member to which a roof covering is attached.		
06 11 16 00-0003	LF	2" x 6" Wood Rafter	2.51	1.31
06 11 16 00-0004	LF	2" x 8" Wood Rafter	2.93	1.42



MINOR CSI UOM DESCRIPTION			TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 11 16 00-0005	LF	2" x 10" Wood Rafter	4.22	2.07
06 11 16 00-0006	LF	2" x 12" Wood Rafter	4.86	2.30
06 11 16 00-0007	LF	2" x 14" Wood Rafter	5.28	2.51
06 11 16 00-0008	LF	2" x 6" Pressure Treated Wood Rafter.....	2.82	1.31
06 11 16 00-0009	LF	2" x 8" Pressure Treated Wood Rafter.....	3.36	1.42
06 11 16 00-0010	LF	2" x 10" Pressure Treated Wood Rafter.....	4.59	2.07
06 11 16 00-0011	LF	2" x 12" Pressure Treated Wood Rafter.....	5.48	2.30
06 11 16 00-0012 Joists (06 11 16 00-0001)				
Note: A series of parallel beams to support floors or ceilings.				
06 11 16 00-0013	LF	2" x 6" Wood Floor Joist	2.18	1.10
06 11 16 00-0014	LF	2" x 8" Wood Floor Joist	2.71	1.20
06 11 16 00-0015	LF	2" x 10" Wood Floor Joist.....	3.46	1.54
06 11 16 00-0016	LF	2" x 12" Wood Floor Joist.....	4.10	1.75
06 11 16 00-0017	LF	2" x 14" Wood Floor Joist.....	4.51	1.86
06 11 16 00-0018	LF	2" x 6" Pressure Treated Wood Floor Joist.....	2.49	1.10
06 11 16 00-0019	LF	2" x 8" Pressure Treated Wood Floor Joist.....	3.14	1.20
06 11 16 00-0020	LF	2" x 10" Pressure Treated Wood Floor Joist.....	3.83	1.54
06 11 16 00-0021	LF	2" x 12" Pressure Treated Wood Floor Joist.....	4.72	1.75
06 11 16 00-0022 Purlins (06 11 16 00-0001)				
Note: A horizontal structural member in a roof, supporting the loads from the roof deck or sheathing.				
06 11 16 00-0023	LF	2" x 4" Wood Purlin.....	1.76	0.66
06 11 16 00-0024	LF	2" x 6" Wood Purlin.....	2.20	0.72
06 11 16 00-0025	LF	2" x 8" Wood Purlin.....	2.66	0.79
06 11 16 00-0026	LF	2" x 10" Wood Purlin.....	3.24	0.87
06 11 16 00-0027	LF	2" x 4" Pressure Treated Wood Purlin	1.95	0.66
06 11 16 00-0028	LF	2" x 6" Pressure Treated Wood Purlin	2.51	0.72
06 11 16 00-0029	LF	2" x 8" Pressure Treated Wood Purlin	3.09	0.79
06 11 16 00-0030	LF	2" x 10" Pressure Treated Wood Purlin	3.61	0.87
06 11 16 00-0031 Exposed Rafters Or Joists (06 11 16 00-0001)				
06 11 16 00-0032 Redwood Rafters Or Joists (06 11 16 00-0031)				
06 11 16 00-0033	LF	2" x 6" Redwood Rafter Or Joist.....	3.28	1.10
06 11 16 00-0034	LF	2" x 8" Redwood Rafter Or Joist.....	4.00	1.20
06 11 16 00-0035	LF	2" x 10" Redwood Rafter Or Joist.....	4.99	1.54
06 11 16 00-0036	LF	2" x 12" Redwood Rafter Or Joist.....	6.04	1.75
06 11 16 00-0037 Cedar Rafters Or Joists (06 11 16 00-0031)				
06 11 16 00-0038	LF	2" x 6" Cedar Rafter Or Joist.....	2.18	1.10
06 11 16 00-0039	LF	2" x 8" Cedar Rafter Or Joist.....	2.45	1.20
06 11 16 00-0040	LF	2" x 10" Cedar Rafter Or Joist.....	2.83	1.54
06 11 16 00-0041	LF	2" x 12" Cedar Rafter Or Joist.....	3.21	1.75
06 11 16 00-0042 Oak Rafters Or Joists (06 11 16 00-0031)				
06 11 16 00-0043	LF	2" x 6" Oak Rafter Or Joist.....	2.64	1.10
06 11 16 00-0044	LF	2" x 8" Oak Rafter Or Joist.....	3.60	1.20
06 11 16 00-0045	LF	2" x 10" Oak Rafter Or Joist.....	4.67	1.54
06 11 16 00-0046	LF	2" x 12" Oak Rafter Or Joist.....	5.74	1.75
06 11 16 00-0047 Framing (06 11 16)				
06 11 16 00-0048 Partition Framing (06 11 16 00-0047)				
06 11 16 00-0049	LF	2" x 4" Wood Stud Framing, For Partition Walls	1.71	0.87
06 11 16 00-0050	LF	2" x 6" Wood Stud Framing, For Partition Walls	2.07	0.93
06 11 16 00-0051	LF	2" x 8" Wood Stud Framing, For Partition Walls	2.43	0.99
06 11 16 00-0052	LF	2" x 4" Pressure Treated Wood Stud Framing, For Partition Walls.....	1.90	0.87
06 11 16 00-0053	LF	2" x 6" Pressure Treated Wood Stud Framing, For Partition Walls.....	2.38	0.93
06 11 16 00-0054	LF	2" x 8" Pressure Treated Wood Stud Framing, For Partition Walls.....	2.86	0.99
06 11 16 00-0055 Wall Framing Assemblies By The SF (06 11 16 00-0047)				
Note: Includes single bottom and double top plates, center support bracing, vertical studs and appropriate fastening devices. Excludes blocking for wall mounted fixtures or cabinets. Per SF of wall area measures one side. Do not deduct for openings of less than 25 SF when calculating total wall square footage.				
06 11 16 00-0056 Wall Framing By The SF, 12" On Center (06 11 16 00-0055)				
06 11 16 00-0057	SF	2" x 4" At 12" On Center, Wood Wall Framing Assembly	2.21	1.06
For Up To 200, Add			0.75	
For >200 To 500, Add			0.38	
06 11 16 00-0058	SF	2" x 6" At 12" On Center, Wood Wall Framing Assembly	2.97	1.35
For Up To 200, Add			0.99	
For >200 To 500, Add			0.50	

06 Wood, Plastics, and Composites**06 10 Rough Carpentry****06 11 Wood Framing**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM DESCRIPTION	UNIT COST		UNIT COST	
06 11 16 00-0059	SF 2" x 8" At 12" On Center, Wood Wall Framing Assembly..... For Up To 200, Add For >200 To 500, Add	3.96 1.32 0.66		1.81	
06 11 16 00-0060	Wall Framing By The SF, 16" On Center (06 11 16 00-0055)				
06 11 16 00-0061	SF 2" x 4" At 16" On Center, Wood Wall Framing Assembly..... For Up To 200, Add For >200 To 500, Add	1.80 0.61 0.31		0.85	
06 11 16 00-0062	SF 2" x 6" At 16" On Center, Wood Wall Framing Assembly..... For Up To 200, Add For >200 To 500, Add	2.47 0.83 0.41		1.13	
06 11 16 00-0063	SF 2" x 8" At 16" On Center, Wood Wall Framing Assembly..... For Up To 200, Add For >200 To 500, Add	3.30 1.11 0.55		1.50	
06 11 16 00-0064	Wall Framing By The SF, 24" On Center (06 11 16 00-0055)				
06 11 16 00-0065	SF 2" x 4" At 24" On Center, Wood Wall Framing Assembly..... For Up To 200, Add For >200 To 500, Add	1.42 0.48 0.24		0.67	
06 11 16 00-0066	SF 2" x 6" At 24" On Center, Wood Wall Framing Assembly..... For Up To 200, Add For >200 To 500, Add	1.94 0.65 0.32		0.87	
06 11 16 00-0067	SF 2" x 8" At 24" On Center, Wood Wall Framing Assembly..... For Up To 200, Add For >200 To 500, Add	2.59 0.87 0.43		1.17	
06 11 16 00-0068	Sills And Plates (06 11 16)				
06 11 16 00-0069	Sills (06 11 16 00-0068) Note: A horizontal member which rests on and is attached to the foundation.				
06 11 16 00-0070	LF 2" x 4" Wood Sill	2.91		1.64	
06 11 16 00-0071	LF 2" x 6" Wood Sill	3.49		1.86	
06 11 16 00-0072	LF 2" x 8" Wood Sill	4.15		2.07	
06 11 16 00-0073	LF 2" x 4" Pressure Treated Wood Sill.....	3.10		1.64	
06 11 16 00-0074	LF 2" x 6" Pressure Treated Wood Sill.....	3.80		1.86	
06 11 16 00-0075	LF 2" x 8" Pressure Treated Wood Sill.....	4.58		2.07	
06 11 16 00-0076	Plates (06 11 16 00-0068) Note: A horizontal member connecting and terminating studs, posts, joists, rafters, etc. such as the top and bottom plate on a stud framed partition wall.				
06 11 16 00-0077	LF 2" x 4" Wood Plate	2.91		1.64	
06 11 16 00-0078	LF 2" x 6" Wood Plate	3.49		1.86	
06 11 16 00-0079	LF 2" x 8" Wood Plate	4.13		2.07	
06 11 16 00-0080	LF 2" x 4" Pressure Treated Wood Plate	3.10		1.64	
06 11 16 00-0081	LF 2" x 6" Pressure Treated Wood Plate	3.80		1.86	
06 11 16 00-0082	LF 2" x 8" Pressure Treated Wood Plate	4.56		2.07	
06 11 16 00-0083	Sills And Plates From Redwood (06 11 16 00-0068)				
06 11 16 00-0084	Construction Grade/Rough (06 11 16 00-0083)				
06 11 16 00-0085	LF 2" x 6" Redwood, Construction Grade/Rough.....	5.98		1.86	
06 11 16 00-0086	LF 2" x 8" Redwood, Construction Grade/Rough.....	8.05		2.07	
06 11 16 00-0087	LF 2" x 10" Redwood, Construction Grade/Rough.....	9.79		2.30	
06 11 16 00-0088	LF 2" x 12" Redwood, Construction Grade/Rough.....	11.82		2.51	
06 11 16 00-0089	Con Heart/Smooth (06 11 16 00-0083)				
06 11 16 00-0090	LF 2" x 6" Redwood, Con Heart/Smooth.....	7.36		1.86	
06 11 16 00-0091	LF 2" x 8" Redwood, Con Heart/Smooth.....	10.12		2.07	
06 11 16 00-0092	LF 2" x 10" Redwood, Con Heart/Smooth.....	13.31		2.30	
06 11 16 00-0093	LF 2" x 12" Redwood, Con Heart/Smooth.....	16.01		2.51	
06 11 16 00-0094	Suspended Ceiling Framing (06 11 16)				
06 11 16 00-0095	LF 1" x 2" Wood Suspended Ceiling Framing	2.39		1.42	
06 11 16 00-0096	LF 1" x 3" Wood Suspended Ceiling Framing	2.61		1.54	
06 11 16 00-0097	LF 1" x 4" Wood Suspended Ceiling Framing	2.74		1.64	
06 11 16 00-0098	LF 2" x 2" Wood Suspended Ceiling Framing	2.82		1.64	
06 11 16 00-0099	LF 2" x 4" Wood Suspended Ceiling Framing	3.35		1.86	
06 11 16 00-0100	LF 1" x 2" Pressure Treated Wood Suspended Ceiling Framing	2.57		1.42	
06 11 16 00-0101	LF 1" x 3" Pressure Treated Wood Suspended Ceiling Framing	2.62		1.54	
06 11 16 00-0102	LF 1" x 4" Pressure Treated Wood Suspended Ceiling Framing	2.86		1.64	
06 11 16 00-0103	LF 2" x 2" Pressure Treated Wood Suspended Ceiling Framing	2.99		1.64	
06 11 16 00-0104	LF 2" x 4" Pressure Treated Wood Suspended Ceiling Framing	3.49		1.86	
06 11 16 00-0105	Posts And Girts (06 11 16)				



MINOR CSI UOM DESCRIPTION		TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 11 16 00-0106 Posts (06 11 16 00-0105)			
Note: A vertical, upright framing member.			
06 11 16 00-0107	LF 4" x 4" Wood Post.....	4.23	2.07
06 11 16 00-0108	LF 4" x 5" Wood Post.....	4.83	2.41
06 11 16 00-0109	LF 4" x 6" Wood Post.....	5.32	2.62
06 11 16 00-0110	LF 6" x 6" Wood Post.....	5.92	2.85
06 11 16 00-0111	LF 8" x 8" Wood Post.....	6.51	2.95
06 11 16 00-0112	LF 10" x 10" Wood Post.....	7.11	3.39
06 11 16 00-0113	LF 4" x 4" Pressure Treated Wood Post.....	5.52	2.07
06 11 16 00-0114	LF 3" x 6" Pressure Treated Wood Post.....	6.34	2.62
06 11 16 00-0115	LF 4" x 6" Pressure Treated Wood Post.....	7.72	2.62
06 11 16 00-0116	LF 6" x 6" Pressure Treated Wood Post.....	10.71	2.85
06 11 16 00-0117 Girts (06 11 16 00-0105)			
Note: A horizontal member at intermediate level between columns, studs, or posts.			
06 11 16 00-0118	LF 2" x 4" Wood Girt.....	2.03	0.78
06 11 16 00-0119	LF 2" x 6" Wood Girt.....	2.49	0.86
06 11 16 00-0120	LF 2" x 8" Wood Girt.....	2.97	0.96
06 11 16 00-0121	LF 2" x 10" Wood Girt.....	3.58	1.05
06 11 16 00-0122	LF 4" x 4" Wood Girt.....	4.10	1.58
06 11 16 00-0123	LF 4" x 5" Wood Girt.....	4.70	1.77
06 11 16 00-0124	LF 4" x 6" Wood Girt.....	5.29	1.97
06 11 16 00-0125	LF 6" x 6" Wood Girt.....	5.89	2.17
06 11 16 00-0126	LF 8" x 8" Wood Girt.....	6.49	2.36
06 11 16 00-0127	LF 10" x 10" Wood Girt.....	7.09	2.57
06 11 16 00-0128	LF 2" x 4" Pressure Treated Wood Girt.....	2.22	0.78
06 11 16 00-0129	LF 2" x 6" Pressure Treated Wood Girt.....	2.80	0.86
06 11 16 00-0130	LF 2" x 8" Pressure Treated Wood Girt.....	3.40	0.96
06 11 16 00-0131	LF 2" x 10" Pressure Treated Wood Girt.....	3.95	1.05
06 11 16 00-0132	LF 4" x 4" Pressure Treated Wood Girt.....	5.52	1.58
06 11 16 00-0133	LF 3" x 6" Pressure Treated Wood Girt.....	6.34	1.97
06 11 16 00-0134	LF 4" x 6" Pressure Treated Wood Girt.....	7.72	1.97
06 11 16 00-0135	LF 6" x 6" Pressure Treated Wood Girt.....	10.71	2.17
06 11 16 00-0136 Construction Grade/Rough Redwood Posts (06 11 16 00-0105)			
06 11 16 00-0137	LF 4" x 4" Redwood, Construction Grade/Rough Post.....	9.42	2.07
For Smooth "Clear", Add		1.26	
06 11 16 00-0138	LF 4" x 5" Redwood, Construction Grade/Rough Post.....	11.38	2.41
For Smooth "Clear", Add		1.57	
06 11 16 00-0139	LF 4" x 6" Redwood, Construction Grade/Rough Post.....	13.36	2.62
For Smooth "Clear", Add		1.89	
06 11 16 00-0140	LF 4" x 8" Redwood, Construction Grade/Rough Post.....	16.68	2.70
For Smooth "Clear", Add		2.52	
06 11 16 00-0141	LF 4" x 10" Redwood, Construction Grade/Rough Post.....	20.07	2.88
For Smooth "Clear", Add		3.14	
06 11 16 00-0142	LF 6" x 6" Redwood, Construction Grade/Rough Post.....	18.48	2.85
For Smooth "Clear", Add		2.83	
06 11 16 00-0143	LF 6" x 8" Redwood, Construction Grade/Rough Post.....	23.35	2.95
For Smooth "Clear", Add		3.77	
06 11 16 00-0144	LF 6" x 10" Redwood, Construction Grade/Rough Post.....	28.20	2.77
For Smooth "Clear", Add		4.72	
06 11 16 00-0145	LF 8" x 8" Redwood, Construction Grade/Rough Post.....	29.88	2.95
For Smooth "Clear", Add		5.03	
06 11 16 00-0146 Stair Stringers (06 11 16)			
06 11 16 00-0147	LF 2" x 10" Wood Stair Stringer.....	8.02	4.37
06 11 16 00-0148	LF 2" x 12" Wood Stair Stringer.....	9.48	5.13
06 11 16 00-0149	LF 2" x 10" Pressure Treated Wood Stair Stringer.....	8.42	4.37
06 11 16 00-0150	LF 2" x 12" Pressure Treated Wood Stair Stringer.....	10.08	5.13
06 11 16 00-0151 Blocking And Sleepers (06 11 16)			
06 11 16 00-0152 Blocking (06 11 16 00-0151)			
06 11 16 00-0153 Blocking To Wood (06 11 16 00-0152)			
06 11 16 00-0154	LF 2" x 4" Pressure Treated Wood Blocking To Wood.....	6.17	2.63
06 11 16 00-0155	LF 2" x 6" Pressure Treated Wood Blocking To Wood.....	7.32	2.89
06 11 16 00-0156	LF 2" x 8" Pressure Treated Wood Blocking To Wood.....	8.35	3.17
06 11 16 00-0157	LF 4" x 4" Pressure Treated Wood Blocking To Wood.....	9.66	3.50
06 11 16 00-0158	LF 4" x 6" Pressure Treated Wood Blocking To Wood.....	11.66	3.84
06 11 16 00-0159	LF 2" x 4" Wood Blocking To Wood.....	5.70	2.63
06 11 16 00-0160	LF 2" x 6" Wood Blocking To Wood.....	6.54	2.89
06 11 16 00-0161	LF 2" x 8" Wood Blocking To Wood.....	7.43	3.17
06 11 16 00-0162	LF 4" x 4" Wood Blocking To Wood.....	8.08	3.50
06 11 16 00-0163	LF 4" x 6" Wood Blocking To Wood.....	9.08	3.84

06 Wood, Plastics, and Composites**06 10 Rough Carpentry****06 11 Wood Framing**MINOR
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

06 11 16 00-0164		Blocking To Steel (06 11 16 00-0152)		
06 11 16 00-0165	LF	2" x 4" Pressure Treated Wood Blocking To Steel.....	7.07	3.02
06 11 16 00-0166	LF	2" x 6" Pressure Treated Wood Blocking To Steel.....	8.34	3.33
06 11 16 00-0167	LF	2" x 8" Pressure Treated Wood Blocking To Steel.....	9.51	3.66
06 11 16 00-0168	LF	2" x 4" Wood Blocking To Steel.....	6.55	3.02
06 11 16 00-0169	LF	2" x 6" Wood Blocking To Steel.....	7.47	3.33
06 11 16 00-0170	LF	2" x 8" Wood Blocking To Steel.....	8.50	3.66
06 11 16 00-0171		Blocking To Concrete (06 11 16 00-0152)		
06 11 16 00-0172	LF	2" x 4" Pressure Treated Wood Blocking To Concrete.....	7.07	3.02
06 11 16 00-0173	LF	2" x 6" Pressure Treated Wood Blocking To Concrete.....	8.34	3.33
06 11 16 00-0174	LF	2" x 8" Pressure Treated Wood Blocking To Concrete.....	9.51	3.66
06 11 16 00-0175	LF	2" x 4" Wood Blocking To Concrete.....	6.55	3.02
06 11 16 00-0176	LF	2" x 6" Wood Blocking To Concrete.....	7.47	3.33
06 11 16 00-0177	LF	2" x 8" Wood Blocking To Concrete.....	8.50	3.66
06 11 16 00-0178		Pressure Treated Lattice (06 11 16 00-0151)		
06 11 16 00-0179	SF	3/4" Thick Pressure Treated Wood Lattice.....	6.42	2.30
06 11 16 00-0180		Sleepers (06 11 16 00-0151)		
06 11 16 00-0181		Sleepers To Wood (06 11 16 00-0180)		
06 11 16 00-0182	LF	1" x 2" Pressure Treated Wood Sleeper On Wood.....	1.14	0.39
06 11 16 00-0183	LF	1" x 3" Pressure Treated Wood Sleeper On Wood.....	1.19	0.44
06 11 16 00-0184	LF	1" x 4" Pressure Treated Wood Sleeper On Wood.....	1.42	0.49
06 11 16 00-0185	LF	2" x 4" Pressure Treated Wood Sleeper On Wood.....	2.13	0.60
06 11 16 00-0186	LF	2" x 6" Pressure Treated Wood Sleeper On Wood.....	2.85	0.66
06 11 16 00-0187		Sleepers To Concrete (06 11 16 00-0180)		
06 11 16 00-0188	LF	1" x 2" Pressure Treated Wood Sleeper On Concrete.....	1.18	0.39
06 11 16 00-0189	LF	1" x 3" Pressure Treated Wood Sleeper On Concrete.....	1.23	0.44
06 11 16 00-0190	LF	1" x 4" Pressure Treated Wood Sleeper On Concrete.....	1.47	0.49
06 11 16 00-0191	LF	2" x 4" Pressure Treated Wood Sleeper On Concrete.....	2.23	0.60
06 11 16 00-0192	LF	2" x 6" Pressure Treated Wood Sleeper On Concrete.....	3.01	0.66
06 11 16 00-0193		Roofing Nailers (06 11 16)		
06 11 16 00-0194	LF	2" x 4" Pressure Treated Lumber, For Roofing Nailers.....	3.15	0.87
06 11 16 00-0195	LF	2" x 6" Pressure Treated Lumber, For Roofing Nailers.....	3.69	0.93
06 11 16 00-0196	LF	2" x 8" Pressure Treated Lumber, For Roofing Nailers.....	4.23	0.99
06 11 16 00-0197		Roofing Sleepers (06 11 16)		
06 11 16 00-0198	LF	2" x 4" Pressure Treated Lumber, For Roofing Sleepers.....	1.46	
06 11 16 00-0199	LF	4" x 4" Pressure Treated Lumber, For Roofing Sleepers.....	3.97	
06 11 16 00-0200	LF	4" x 6" Pressure Treated Lumber, For Roofing Sleepers.....	5.76	
06 11 16 00-0201	LF	6" x 6" Pressure Treated Lumber, For Roofing Sleepers.....	8.57	
06 11 16 00-0202		Canopy Framing, Bridging, And Furring (06 11 16)		
06 11 16 00-0203		Wood And Steel Bridging (06 11 16 00-0202)		
06 11 16 00-0204		Wood Bridging (06 11 16 00-0203)		
06 11 16 00-0205	EA	1 Pair Wood Bridging, 1" x 3" Cross Type..... Note: For joists spaced at 16" on center.	8.81	3.83
06 11 16 00-0206	EA	1 Pair Wood Bridging, 2" x 3" Cross Type..... Note: For joists spaced at 16" on center.	9.06	3.83
06 11 16 00-0207		Steel Bridging (06 11 16 00-0203)		
06 11 16 00-0208	EA	1 Pair Steel Bridging, Wood Joists At 16" On Center.....	11.38	3.83
06 11 16 00-0209	EA	1 Pair Steel Bridging, Wood Joists At 24" On Center.....	11.34	3.83
06 11 16 00-0210		Light Framing, Trim And Furring (06 11 16 00-0202)		
06 11 16 00-0211		Pine/Spruce/Fir Light Framing, Trim And Furring (06 11 16 00-0210) Note: S4S board, select grade 1		
06 11 16 00-0212	LF	1" x 1" Pine/Spruce/Fir Light Framing, Trim And Furring.....	1.93	0.89
06 11 16 00-0213	LF	1" x 2" Pine/Spruce/Fir Light Framing, Trim And Furring.....	2.17	0.99
06 11 16 00-0214	LF	1" x 4" Pine/Spruce/Fir Light Framing, Trim And Furring.....	2.50	1.08
06 11 16 00-0215	LF	1" x 6" Pine/Spruce/Fir Light Framing, Trim And Furring.....	2.78	1.19
06 11 16 00-0216	LF	1" x 8" Pine/Spruce/Fir Light Framing, Trim And Furring.....	3.08	1.31
06 11 16 00-0217	LF	1" x 10" Pine/Spruce/Fir Light Framing, Trim And Furring.....	3.41	1.44
06 11 16 00-0218	LF	2" x 2" Pine/Spruce/Fir Light Framing, Trim And Furring.....	2.79	1.19



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 11 16 00-0219 LF 2" x 4" Pine/Spruce/Fir Light Framing, Trim And Furring	3.12	1.31
06 11 16 00-0220 LF 2" x 6" Pine/Spruce/Fir Light Framing, Trim And Furring	3.65	1.44
06 11 16 00-0221 LF 2" x 8" Pine/Spruce/Fir Light Framing, Trim And Furring	4.24	1.59
06 11 16 00-0222 LF 2" x 10" Pine/Spruce/Fir Light Framing, Trim And Furring	4.98	1.75
06 11 16 00-0223 Cedar Light Framing, Trim And Furring (06 11 16 00-0210) Note: S4S board, select grade 1		
06 11 16 00-0224 LF 1" x 1" Cedar Light Framing, Trim And Furring	1.96	0.89
06 11 16 00-0225 LF 1" x 2" Cedar Light Framing, Trim And Furring	2.30	0.99
06 11 16 00-0226 LF 1" x 4" Cedar Light Framing, Trim And Furring	2.98	1.08
06 11 16 00-0227 LF 1" x 6" Cedar Light Framing, Trim And Furring	3.60	1.19
06 11 16 00-0228 LF 1" x 8" Cedar Light Framing, Trim And Furring	5.25	1.31
06 11 16 00-0229 LF 1" x 10" Cedar Light Framing, Trim And Furring	6.18	1.44
06 11 16 00-0230 LF 2" x 2" Cedar Light Framing, Trim And Furring	3.10	1.19
06 11 16 00-0231 LF 2" x 4" Cedar Light Framing, Trim And Furring	3.58	1.31
06 11 16 00-0232 Oak Light Framing, Trim And Furring (06 11 16 00-0210) Note: S4S board, select grade 1		
06 11 16 00-0233 LF 1" x 1" Oak Light Framing, Trim And Furring	1.96	0.89
06 11 16 00-0234 LF 1" x 2" Oak Light Framing, Trim And Furring	2.32	0.99
06 11 16 00-0235 LF 1" x 4" Oak Light Framing, Trim And Furring	2.86	1.08
06 11 16 00-0236 LF 1" x 6" Oak Light Framing, Trim And Furring	3.42	1.19
06 11 16 00-0237 LF 1" x 8" Oak Light Framing, Trim And Furring	4.01	1.31
06 11 16 00-0238 LF 1" x 10" Oak Light Framing, Trim And Furring	4.62	1.44
06 11 16 00-0239 LF 2" x 2" Oak Light Framing, Trim And Furring	3.07	1.19
06 11 16 00-0240 LF 2" x 4" Oak Light Framing, Trim And Furring	4.01	1.31
06 11 16 00-0241 Redwood Light Framing, Trim And Furring (06 11 16 00-0210) Note: S4S board, select grade 1		
06 11 16 00-0242 LF 1" x 1" Redwood Light Framing, Trim And Furring	1.91	0.89
06 11 16 00-0243 LF 1" x 2" Redwood Light Framing, Trim And Furring	2.22	0.99
06 11 16 00-0244 LF 1" x 4" Redwood Light Framing, Trim And Furring	2.70	1.08
06 11 16 00-0245 LF 1" x 6" Redwood Light Framing, Trim And Furring	3.21	1.19
06 11 16 00-0246 LF 1" x 8" Redwood Light Framing, Trim And Furring	3.79	1.31
06 11 16 00-0247 LF 1" x 10" Redwood Light Framing, Trim And Furring	4.43	1.44
06 11 16 00-0248 LF 2" x 2" Redwood Light Framing, Trim And Furring	3.23	1.19
06 11 16 00-0249 LF 2" x 4" Redwood Light Framing, Trim And Furring	3.81	1.31
06 11 16 00-0250 Poplar Light Framing, Trim And Furring (06 11 16 00-0210) Note: S4S board, select grade 1		
06 11 16 00-0251 LF 1" x 1" Poplar Light Framing, Trim And Furring	2.20	0.89
06 11 16 00-0252 LF 1" x 2" Poplar Light Framing, Trim And Furring	2.68	0.99
06 11 16 00-0253 LF 1" x 4" Poplar Light Framing, Trim And Furring	3.34	1.08
06 11 16 00-0254 LF 1" x 6" Poplar Light Framing, Trim And Furring	4.21	1.19
06 11 16 00-0255 LF 1" x 8" Poplar Light Framing, Trim And Furring	4.88	1.31
06 11 16 00-0256 LF 1" x 10" Poplar Light Framing, Trim And Furring	6.39	1.44
06 11 16 00-0257 LF 1" x 12" Poplar Light Framing, Trim And Furring	6.89	1.44
06 11 16 00-0258 LF 2" x 2" Poplar Light Framing, Trim And Furring	5.46	1.19
06 11 16 00-0259 LF 2" x 4" Poplar Light Framing, Trim And Furring	6.12	1.31
06 11 16 00-0260 LF 2" x 6" Poplar Light Framing, Trim And Furring	8.13	1.44
06 11 16 00-0261 Maple Light Framing, Trim And Furring (06 11 16 00-0210) Note: S4S board, select grade 1		
06 11 16 00-0262 LF 1" x 4" Maple Light Framing, Trim And Furring	4.12	1.08
06 11 16 00-0263 LF 1" x 6" Maple Light Framing, Trim And Furring	5.42	1.19
06 11 16 00-0264 LF 1" x 8" Maple Light Framing, Trim And Furring	6.76	1.31
06 13 Heavy Timber Construction (06 10)		
06 13 23 Heavy Timber Framing (06 13)		
06 13 23 00-0001 Heavy Timber Framing (06 13 23) Note: Excludes fasteners. See CSI section 06 05 23 00-0093 for bolts and fasteners.		
06 13 23 00-0002 Heavy Timber Beams (06 13 23 00-0001)		
06 13 23 00-0003 Pine, Heavy Timber Beams (06 13 23 00-0002)		
06 13 23 00-0004 LF 4" x 4", Pine, Heavy Timber Beam	5.95	1.94
06 13 23 00-0005 LF 4" x 6", Pine, Heavy Timber Beam	7.16	2.02
06 13 23 00-0006 LF 4" x 8", Pine, Heavy Timber Beam	8.35	2.10
06 13 23 00-0007 LF 4" x 10", Pine, Heavy Timber Beam	10.77	2.24
06 13 23 00-0008 LF 4" x 12", Pine, Heavy Timber Beam	12.76	2.38
06 13 23 00-0009 LF 6" x 6", Pine, Heavy Timber Beam	8.99	2.19
06 13 23 00-0010 LF 6" x 8", Pine, Heavy Timber Beam	10.74	2.30
06 13 23 00-0011 LF 6" x 10", Pine, Heavy Timber Beam	14.36	2.46
06 13 23 00-0012 LF 6" x 12", Pine, Heavy Timber Beam	17.02	2.51

06 Wood, Plastics, and Composites**06 10 Rough Carpentry****06 13 Heavy Timber Construction**MINOR
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

06 13 23 00-0013	LF	8" x 8", Pine, Heavy Timber Beam.....	13.04	2.38
06 13 23 00-0014	LF	8" x 10", Pine, Heavy Timber Beam.....	17.50	2.46
06 13 23 00-0015	LF	8" x 12", Pine, Heavy Timber Beam.....	21.10	2.51
06 13 23 00-0016	LF	10" x 10", Pine, Heavy Timber Beam.....	20.85	2.51
06 13 23 00-0017	LF	10" x 12", Pine, Heavy Timber Beam.....	25.45	2.73
06 13 23 00-0018	LF	12" x 12", Pine, Heavy Timber Beam.....	29.98	3.01
06 13 23 00-0019	BF	>12" To 16" Pine, Heavy Timber Beam.....	2.50	0.25
Note: 1 Board Foot = 12" x 12" x 1" = 144 Cubic Inches.				

06 13 23 00-0020 Douglas Fir, Heavy Timber Beams (06 13 23 00-0002)

06 13 23 00-0021	LF	4" x 4", Douglas Fir, Heavy Timber Beam.....	6.16	1.94
06 13 23 00-0022	LF	4" x 6", Douglas Fir, Heavy Timber Beam.....	7.47	2.02
06 13 23 00-0023	LF	4" x 8", Douglas Fir, Heavy Timber Beam.....	8.77	2.10
06 13 23 00-0024	LF	4" x 10", Douglas Fir, Heavy Timber Beam.....	11.40	2.24
06 13 23 00-0025	LF	4" x 12", Douglas Fir, Heavy Timber Beam.....	13.55	2.38
06 13 23 00-0026	LF	6" x 6", Douglas Fir, Heavy Timber Beam.....	9.45	2.19
06 13 23 00-0027	LF	6" x 8", Douglas Fir, Heavy Timber Beam.....	11.35	2.30
06 13 23 00-0028	LF	6" x 10", Douglas Fir, Heavy Timber Beam.....	15.29	2.46
06 13 23 00-0029	LF	6" x 12", Douglas Fir, Heavy Timber Beam.....	18.22	2.51
06 13 23 00-0030	LF	8" x 8", Douglas Fir, Heavy Timber Beam.....	13.87	2.38
06 13 23 00-0031	LF	8" x 10", Douglas Fir, Heavy Timber Beam.....	18.76	2.46
06 13 23 00-0032	LF	8" x 12", Douglas Fir, Heavy Timber Beam.....	22.70	2.51
06 13 23 00-0033	LF	10" x 10", Douglas Fir, Heavy Timber Beam.....	22.41	2.51
06 13 23 00-0034	LF	10" x 12", Douglas Fir, Heavy Timber Beam.....	27.43	2.73
06 13 23 00-0035	LF	12" x 12", Douglas Fir, Heavy Timber Beam.....	32.37	3.01
06 13 23 00-0036	BF	>12" To 16" Douglas Fir, Heavy Timber Beam.....	2.70	0.25
Note: 1 Board Foot = 12" x 12" x 1" = 144 Cubic Inches.				

06 13 23 00-0037 Pressure Treated, Heavy Timber Beams (06 13 23 00-0002)

06 13 23 00-0038	LF	4" x 4", Pressure Treated, Heavy Timber Beam.....	6.26	1.94
06 13 23 00-0039	LF	4" x 6", Pressure Treated, Heavy Timber Beam.....	7.84	2.02
06 13 23 00-0040	LF	4" x 8", Pressure Treated, Heavy Timber Beam.....	9.21	2.10
06 13 23 00-0041	LF	4" x 10", Pressure Treated, Heavy Timber Beam.....	12.05	2.24
06 13 23 00-0042	LF	4" x 12", Pressure Treated, Heavy Timber Beam.....	14.38	2.38
06 13 23 00-0043	LF	6" x 6", Pressure Treated, Heavy Timber Beam.....	10.71	2.19
06 13 23 00-0044	LF	6" x 8", Pressure Treated, Heavy Timber Beam.....	13.07	2.30
06 13 23 00-0045	LF	6" x 10", Pressure Treated, Heavy Timber Beam.....	15.63	2.46
06 13 23 00-0046	LF	6" x 12", Pressure Treated, Heavy Timber Beam.....	19.09	2.51
06 13 23 00-0047	LF	8" x 8", Pressure Treated, Heavy Timber Beam.....	19.25	2.38
06 13 23 00-0048	LF	8" x 10", Pressure Treated, Heavy Timber Beam.....	22.31	2.46
06 13 23 00-0049	LF	8" x 12", Pressure Treated, Heavy Timber Beam.....	26.21	2.51
06 13 23 00-0050	LF	10" x 10", Pressure Treated, Heavy Timber Beam.....	26.32	2.51
06 13 23 00-0051	LF	10" x 12", Pressure Treated, Heavy Timber Beam.....	34.74	2.73
06 13 23 00-0052	LF	12" x 12", Pressure Treated, Heavy Timber Beam.....	41.14	3.01
06 13 23 00-0053	BF	>12" To 16" Pressure Treated, Heavy Timber Beam.....	3.43	0.25
Note: 1 Board Foot = 12" x 12" x 1" = 144 Cubic Inches.				

06 13 23 00-0054 Heavy Timber Columns (06 13 23 00-0001)**06 13 23 00-0055 Pine, Heavy Timber Columns (06 13 23 00-0054)**

06 13 23 00-0056	LF	4" x 4", Pine, Heavy Timber Column.....	4.11	1.02
06 13 23 00-0057	LF	4" x 6", Pine, Heavy Timber Column.....	5.27	1.08
06 13 23 00-0058	LF	4" x 8", Pine, Heavy Timber Column.....	6.36	1.11
06 13 23 00-0059	LF	4" x 10", Pine, Heavy Timber Column.....	8.65	1.18
06 13 23 00-0060	LF	4" x 12", Pine, Heavy Timber Column.....	10.50	1.25
06 13 23 00-0061	LF	6" x 6", Pine, Heavy Timber Column.....	6.94	1.14
06 13 23 00-0062	LF	6" x 8", Pine, Heavy Timber Column.....	8.60	1.19
06 13 23 00-0063	LF	6" x 10", Pine, Heavy Timber Column.....	12.03	1.29
06 13 23 00-0064	LF	6" x 12", Pine, Heavy Timber Column.....	14.63	1.32
06 13 23 00-0065	LF	8" x 8", Pine, Heavy Timber Column.....	10.78	1.25
06 13 23 00-0066	LF	8" x 10", Pine, Heavy Timber Column.....	15.17	1.29
06 13 23 00-0067	LF	8" x 12", Pine, Heavy Timber Column.....	18.67	1.35
06 13 23 00-0068	LF	10" x 10", Pine, Heavy Timber Column.....	18.43	1.35
06 13 23 00-0069	LF	10" x 12", Pine, Heavy Timber Column.....	22.86	1.43
06 13 23 00-0070	LF	12" x 12", Pine, Heavy Timber Column.....	27.13	1.59
06 13 23 00-0071	BF	>12" To 16" Pine, Heavy Timber Column.....	2.26	0.13
Note: 1 Board Foot = 12" x 12" x 1" = 144 Cubic Inches.				

06 13 23 00-0072 Douglas Fir, Heavy Timber Columns (06 13 23 00-0054)

06 13 23 00-0073	LF	4" x 4", Douglas Fir, Heavy Timber Column.....	4.32	1.02
06 13 23 00-0074	LF	4" x 6", Douglas Fir, Heavy Timber Column.....	5.58	1.08
06 13 23 00-0075	LF	4" x 8", Douglas Fir, Heavy Timber Column.....	6.78	1.11
06 13 23 00-0076	LF	4" x 10", Douglas Fir, Heavy Timber Column.....	9.28	1.18
06 13 23 00-0077	LF	4" x 12", Douglas Fir, Heavy Timber Column.....	11.29	1.25
06 13 23 00-0078	LF	6" x 6", Douglas Fir, Heavy Timber Column.....	7.40	1.14
06 13 23 00-0079	LF	6" x 8", Douglas Fir, Heavy Timber Column.....	9.21	1.19
06 13 23 00-0080	LF	6" x 10", Douglas Fir, Heavy Timber Column.....	12.96	1.29



MINOR CSI UOM DESCRIPTION			TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 13 23 00-0081	LF	6" x 12", Douglas Fir, Heavy Timber Column.....	15.83	1.32
06 13 23 00-0082	LF	8" x 8", Douglas Fir, Heavy Timber Column.....	11.61	1.25
06 13 23 00-0083	LF	8" x 10", Douglas Fir, Heavy Timber Column.....	16.43	1.29
06 13 23 00-0084	LF	8" x 12", Douglas Fir, Heavy Timber Column.....	20.27	1.35
06 13 23 00-0085	LF	10" x 10", Douglas Fir, Heavy Timber Column.....	19.99	1.35
06 13 23 00-0086	LF	10" x 12", Douglas Fir, Heavy Timber Column.....	24.84	1.43
06 13 23 00-0087	LF	12" x 12", Douglas Fir, Heavy Timber Column.....	29.52	1.59
06 13 23 00-0088	BF	>12" To 16" Douglas Fir, Heavy Timber Column.....	2.46	0.13
Note: 1 Board Foot = 12" x 12" x 1" = 144 Cubic Inches.				
06 13 23 00-0089 Pressure Treated, Heavy Timber Columns (06 13 23 00-0054)				
06 13 23 00-0090	LF	4" x 4", Pressure Treated, Heavy Timber Column.....	4.42	1.02
06 13 23 00-0091	LF	4" x 6", Pressure Treated, Heavy Timber Column.....	5.95	1.08
06 13 23 00-0092	LF	4" x 8", Pressure Treated, Heavy Timber Column.....	7.22	1.11
06 13 23 00-0093	LF	4" x 10", Pressure Treated, Heavy Timber Column.....	9.93	1.18
06 13 23 00-0094	LF	4" x 12", Pressure Treated, Heavy Timber Column.....	12.12	1.25
06 13 23 00-0095	LF	6" x 6", Pressure Treated, Heavy Timber Column.....	8.66	1.14
06 13 23 00-0096	LF	6" x 8", Pressure Treated, Heavy Timber Column.....	10.93	1.19
06 13 23 00-0097	LF	6" x 10", Pressure Treated, Heavy Timber Column.....	13.30	1.29
06 13 23 00-0098	LF	6" x 12", Pressure Treated, Heavy Timber Column.....	16.70	1.32
06 13 23 00-0099	LF	8" x 8", Pressure Treated, Heavy Timber Column.....	16.99	1.25
06 13 23 00-0100	LF	8" x 10", Pressure Treated, Heavy Timber Column.....	19.98	1.29
06 13 23 00-0101	LF	8" x 12", Pressure Treated, Heavy Timber Column.....	23.78	1.35
06 13 23 00-0102	LF	10" x 10", Pressure Treated, Heavy Timber Column.....	23.90	1.35
06 13 23 00-0103	LF	10" x 12", Pressure Treated, Heavy Timber Column.....	32.15	1.43
06 13 23 00-0104	LF	12" x 12", Pressure Treated, Heavy Timber Column.....	38.29	1.59
06 13 23 00-0105	BF	>12" To 16" Pressure Treated, Heavy Timber Column.....	3.19	0.13
Note: 1 Board Foot = 12" x 12" x 1" = 144 Cubic Inches.				
06 15 Wood Decking (06 10)				
06 15 13 Wood Floor Decking (06 15)				
06 15 13 00-0001 Wood Deck Systems (06 15 13)				
Note: Includes the deck, joists, girders, railing posts 8" on-center, pickets and railing. Excludes ground posts.				
06 15 13 00-0002 Pressure Treated Wood Deck System (06 15 13 00-0001)				
06 15 13 00-0003 2" x 8" Joists At 16" On Center, Pressure Treated Wood Deck System (06 15 13 00-0002)				
06 15 13 00-0004	SF	5/4" x 4" Pressure Treated Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System.....	36.98	7.70
06 15 13 00-0005	SF	5/4" x 6" Pressure Treated Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System.....	35.80	7.33
06 15 13 00-0006	SF	2" x 4" Pressure Treated Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System.....	38.37	7.90
06 15 13 00-0007	SF	2" x 6" Pressure Treated Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System.....	37.20	7.51
06 15 13 00-0008 2" x 10" Joists At 16" On Center, Pressure Treated Wood Deck System (06 15 13 00-0002)				
06 15 13 00-0009	SF	5/4" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System.....	38.23	7.90
06 15 13 00-0010	SF	5/4" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System.....	37.00	7.50
06 15 13 00-0011	SF	2" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System.....	39.63	8.10
06 15 13 00-0012	SF	2" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 16" On Center.....	38.44	7.69
06 15 13 00-0013 2" x 10" Joists At 24" On Center, Pressure Treated Wood Deck System (06 15 13 00-0002)				
06 15 13 00-0014	SF	5/4" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System.....	36.98	7.70
06 15 13 00-0015	SF	5/4" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System.....	35.80	7.33
06 15 13 00-0016	SF	2" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System.....	38.37	7.90
06 15 13 00-0017	SF	2" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System.....	37.20	7.51
06 15 13 00-0018 Redwood With Pressure Treated Joists, Wood Deck System (06 15 13 00-0001)				
06 15 13 00-0019 2" x 8" Joists At 16" On Center, Redwood With Pressure Treated Joists, Wood Deck System (06 15 13 00-0018)				
06 15 13 00-0020	SF	5/4" x 4" Redwood Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System.....	39.47	7.70
06 15 13 00-0021	SF	5/4" x 6" Redwood Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System.....	38.40	7.09
06 15 13 00-0022	SF	2" x 4" Redwood Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System.....	41.48	7.90
06 15 13 00-0023	SF	2" x 6" Redwood Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System.....	40.13	7.51
06 15 13 00-0024 2" x 10" Joists At 16" On Center, Redwood With Pressure Treated Joists, Wood Deck System (06 15 13 00-0018)				
06 15 13 00-0025	SF	5/4" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System.....	42.13	7.90
06 15 13 00-0026	SF	5/4" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System.....	41.01	7.50
06 15 13 00-0027	SF	2" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System.....	44.29	8.10
06 15 13 00-0028	SF	2" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System.....	42.94	7.69

06 Wood, Plastics, and Composites**06 10 Rough Carpentry****06 15 Wood Decking**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

06 15 13 00-0029	2" x 10" Joists At 24" On Center, Redwood With Pressure Treated Joists, Wood Deck System (06 15 13 00-0018)		
06 15 13 00-0030	SF 5/4" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	40.46	7.70
06 15 13 00-0031	SF 5/4" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	39.40	7.33
06 15 13 00-0032	SF 2" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	42.53	7.90
06 15 13 00-0033	SF 2" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	41.98	7.51
06 15 13 00-0034	Cypress With Pressure Treated Joists, Wood Deck System (06 15 13 00-0001)		
06 15 13 00-0035	2" x 8" Joists At 16" On Center, Cypress With Pressure Treated Joists, Wood Deck System (06 15 13 00-0034)		
06 15 13 00-0036	SF 5/4" x 4" Cypress Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	38.34	7.70
06 15 13 00-0037	SF 5/4" x 6" Cypress Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	37.23	7.33
06 15 13 00-0038	SF 2" x 4" Cypress Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	40.21	7.90
06 15 13 00-0039	SF 2" x 6" Cypress Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	38.84	7.51
06 15 13 00-0040	2" x 10" Joists At 16" On Center, Cypress With Pressure Treated Joists, Wood Deck System (06 15 13 00-0034)		
06 15 13 00-0041	SF 5/4" x 4" Cypress Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	40.78	7.90
06 15 13 00-0042	SF 5/4" x 6" Cypress Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	39.62	7.50
06 15 13 00-0043	SF 2" x 4" Cypress Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	42.79	8.10
06 15 13 00-0044	SF 2" x 6" Cypress Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	41.86	7.69
06 15 13 00-0045	2" x 10" Joists At 24" On Center, Cypress With Pressure Treated Joists, Wood Deck System (06 15 13 00-0034)		
06 15 13 00-0046	SF 5/4" x 4" Cypress Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	39.99	7.70
06 15 13 00-0047	SF 5/4" x 6" Cypress Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	38.11	7.33
06 15 13 00-0048	SF 2" x 4" Cypress Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	41.16	7.90
06 15 13 00-0049	SF 2" x 6" Cypress Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	40.22	7.51
06 15 13 00-0050	Cedar With Pressure Treated Joists Wood Deck System (06 15 13 00-0001)		
06 15 13 00-0051	2" x 8" Joists At 16" On Center, Cedar With Pressure Treated Joists, Wood Deck System (06 15 13 00-0050)		
06 15 13 00-0052	SF 5/4" x 4" Cedar Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	37.88	7.70
06 15 13 00-0053	SF 5/4" x 6" Cedar Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	36.74	7.33
06 15 13 00-0054	SF 2" x 4" Cedar Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	39.34	7.90
06 15 13 00-0055	SF 2" x 6" Cedar Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	38.22	7.51
06 15 13 00-0056	2" x 10" Joists At 16" On Center, Cedar With Pressure Treated Joists, Wood Deck System (06 15 13 00-0050)		
06 15 13 00-0057	SF 5/4" x 4" Cedar Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	39.20	7.90
06 15 13 00-0058	SF 5/4" x 6" Cedar Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	38.41	7.50
06 15 13 00-0059	SF 2" x 4" Cedar Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	40.67	8.10
06 15 13 00-0060	SF 2" x 6" Cedar Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	39.58	7.69
06 15 13 00-0061	2" x 10" Joists At 24" On Center, Cedar With Pressure Treated Joists, Wood Deck System (06 15 13 00-0050)		
06 15 13 00-0062	SF 5/4" x 4" Cedar Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	38.44	7.70
06 15 13 00-0063	SF 5/4" x 6" Cedar Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	37.30	7.33
06 15 13 00-0064	SF 2" x 4" Cedar Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	39.92	7.90
06 15 13 00-0065	SF 2" x 6" Cedar Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	38.80	7.51
06 15 13 00-0066	Wood Ramp Systems (06 15 13) Note: Includes the decking, joists, girders, railing posts at corners and along ramp, pickets and railing. Excludes ground posts.		
06 15 13 00-0067	Pressure Treated Wood Ramp System (06 15 13 00-0066)		
06 15 13 00-0068	2" x 6" Joists, Pressure Treated Wood Ramp System (06 15 13 00-0067)		
06 15 13 00-0069	SF 5/4" x 4" Pressure Treated Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	43.08	7.51
06 15 13 00-0070	SF 5/4" x 6" Pressure Treated Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	41.56	7.13
06 15 13 00-0071	SF 2" x 4" Pressure Treated Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	44.58	7.70
06 15 13 00-0072	SF 2" x 6" Pressure Treated Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	43.06	7.33
06 15 13 00-0073	2" x 8" Joists, Pressure Treated Wood Ramp System (06 15 13 00-0067)		
06 15 13 00-0074	SF 5/4" x 4" Pressure Treated Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	44.43	7.70
06 15 13 00-0075	SF 5/4" x 6" Pressure Treated Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	42.88	7.33
06 15 13 00-0076	SF 2" x 4" Pressure Treated Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	46.02	7.90
06 15 13 00-0077	SF 2" x 6" Pressure Treated Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	44.46	7.51



Wood, Plastics, and Composites			06
Rough Carpentry			06 10
Wood Decking			06 15

MINOR		TOTAL DIRECT		DEMOLITION	
CSI UOM DESCRIPTION		UNIT COST		UNIT COST	
06 15 13 00-0078	2" x 10" Joists, Pressure Treated Wood Ramp System (06 15 13 00-0067)				
06 15 13 00-0079	SF 5/4" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	45.86		7.89	
06 15 13 00-0080	SF 5/4" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	44.27		7.50	
06 15 13 00-0081	SF 2" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	47.47		8.10	
06 15 13 00-0082	SF 2" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	45.89		7.69	
06 15 13 00-0083	Redwood With Pressure Treated Joists, Wood Ramp System (06 15 13 00-0086)				
06 15 13 00-0084	2" x 6" Joists, Redwood With Pressure Treated Joists, Wood Ramp System (06 15 13 00-0083)				
06 15 13 00-0085	SF 5/4" x 4" Redwood Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	45.42		7.51	
06 15 13 00-0086	SF 5/4" x 6" Redwood Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	44.00		7.13	
06 15 13 00-0087	SF 2" x 4" Redwood Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	47.51		7.70	
06 15 13 00-0088	SF 2" x 6" Redwood Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	45.81		7.33	
06 15 13 00-0089	2" x 8" Joists, Redwood With Pressure Treated Joists, Wood Ramp System (06 15 13 00-0083)				
06 15 13 00-0090	SF 5/4" x 4" Redwood Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	46.92		7.70	
06 15 13 00-0091	SF 5/4" x 6" Redwood Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	45.48		7.33	
06 15 13 00-0092	SF 2" x 4" Redwood Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	49.13		7.90	
06 15 13 00-0093	SF 2" x 6" Redwood Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	47.39		7.51	
06 15 13 00-0094	2" x 10" Joists, Redwood With Pressure Treated Joists, Wood Ramp System (06 15 13 00-0083)				
06 15 13 00-0095	SF 5/4" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	49.77		7.89	
06 15 13 00-0096	SF 5/4" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	48.28		7.50	
06 15 13 00-0097	SF 2" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	52.13		8.10	
06 15 13 00-0098	SF 2" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	50.90		7.69	
06 15 13 00-0099	Cypress With Pressure Treated Joists, Wood Ramp System (06 15 13 00-0066)				
06 15 13 00-0100	2" x 6" Joists, Cypress With Pressure Treated Joists, Wood Ramp System (06 15 13 00-0099)				
06 15 13 00-0101	SF 5/4" x 4" Cypress Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	44.36		7.51	
06 15 13 00-0102	SF 5/4" x 6" Cypress Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	42.89		7.13	
06 15 13 00-0103	SF 2" x 4" Cypress Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	46.31		7.70	
06 15 13 00-0104	SF 2" x 6" Cypress Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	44.60		7.33	
06 15 13 00-0105	2" x 8" Joists, Cypress With Pressure Treated Joists, Wood Ramp System (06 15 13 00-0099)				
06 15 13 00-0106	SF 5/4" x 4" Cypress Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	45.79		7.70	
06 15 13 00-0107	SF 5/4" x 6" Cypress Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	44.31		7.33	
06 15 13 00-0108	SF 2" x 4" Cypress Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	47.86		7.90	
06 15 13 00-0109	SF 2" x 6" Cypress Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	46.10		7.51	
06 15 13 00-0110	2" x 10" Joists, Cypress With Pressure Treated Joists, Wood Ramp System (06 15 13 00-0099)				
06 15 13 00-0111	SF 5/4" x 4" Cypress Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	48.34		7.89	
06 15 13 00-0112	SF 5/4" x 6" Cypress Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	46.89		7.50	
06 15 13 00-0113	SF 2" x 4" Cypress Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	50.63		8.10	
06 15 13 00-0114	SF 2" x 6" Cypress Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	49.31		7.69	
06 15 13 00-0115	Cedar With Pressure Treated Joists, Wood Ramp System (06 15 13 00-0066)				
06 15 13 00-0116	2" x 6" Joists, Cedar With Pressure Treated Joists, Wood Ramp System (06 15 13 00-0115)				
06 15 13 00-0117	SF 5/4" x 4" Cedar Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	43.91		7.51	
06 15 13 00-0118	SF 5/4" x 6" Cedar Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	42.42		7.13	
06 15 13 00-0119	SF 2" x 4" Cedar Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	45.48		7.70	
06 15 13 00-0120	SF 2" x 6" Cedar Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	44.00		7.33	
06 15 13 00-0121	2" x 8" Joists, Cedar With Pressure Treated Joists, Wood Ramp System (06 15 13 00-0115)				
06 15 13 00-0122	SF 5/4" x 4" Cedar Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	45.31		7.70	
06 15 13 00-0123	SF 5/4" x 6" Cedar Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	43.80		7.33	
06 15 13 00-0124	SF 2" x 4" Cedar Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	46.97		7.90	
06 15 13 00-0125	SF 2" x 6" Cedar Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	45.46		7.51	
06 15 13 00-0126	2" x 10" Joists, Cedar With Pressure Treated Joists, Wood Ramp System (06 15 13 00-0115)				
06 15 13 00-0127	SF 5/4" x 4" Cedar Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	46.81		7.89	
06 15 13 00-0128	SF 5/4" x 6" Cedar Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	45.25		7.50	
06 15 13 00-0129	SF 2" x 4" Cedar Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	48.49		8.10	

06 Wood, Plastics, and Composites**06 10 Rough Carpentry****06 15 Wood Decking**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

06 15 13 00-0130 SF 2" x 6" Cedar Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System 46.95 7.69

06 15 13 00-0131 Wood Stair Systems (06 15 13)

Note: Includes the decking, joists, girders, railing posts at corners and along stairs, pickets and railing. Excludes ground posts.

06 15 13 00-0132 Pressure Treated Wood Stair System (06 15 13 00-0131)**06 15 13 00-0133 2" x 10" Joists, Pressure Treated Wood Stair System** (06 15 13 00-0132)

06 15 13 00-0134	RSR 3' Wide, 5/4" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	117.00	18.49
06 15 13 00-0135	RSR 3' Wide, 5/4" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	114.14	17.56
06 15 13 00-0136	RSR 3' Wide, 2" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	120.61	18.96
06 15 13 00-0137	RSR 3' Wide, 2" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	117.16	18.01
06 15 13 00-0138	RSR 3'-6" Wide, 5/4" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	122.85	19.41
06 15 13 00-0139	RSR 3'-6" Wide, 5/4" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	119.83	18.45
06 15 13 00-0140	RSR 3'-6" Wide, 2" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	126.65	19.91
06 15 13 00-0141	RSR 3'-6" Wide, 2" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	123.02	18.92
06 15 13 00-0142	RSR 4' Wide, 5/4" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	128.85	20.39
06 15 13 00-0143	RSR 4' Wide, 5/4" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	125.68	19.36
06 15 13 00-0144	RSR 4' Wide, 2" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	132.83	20.91
06 15 13 00-0145	RSR 4' Wide, 2" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	129.02	19.85
06 15 13 00-0146	RSR 5' Wide, 5/4" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	136.80	21.40
06 15 13 00-0147	RSR 5' Wide, 5/4" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	133.56	20.33
06 15 13 00-0148	RSR 5' Wide, 2" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	141.05	21.96
06 15 13 00-0149	RSR 5' Wide, 2" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	137.11	20.86

06 15 13 00-0150 2" x 12" Joists, Pressure Treated Wood Stair System (06 15 13 00-0132)

06 15 13 00-0151	RSR 3' Wide, 5/4" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	119.49	18.95
06 15 13 00-0152	RSR 3' Wide, 5/4" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	116.08	18.00
06 15 13 00-0153	RSR 3' Wide, 2" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	123.32	19.43
06 15 13 00-0154	RSR 3' Wide, 2" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	119.85	18.47
06 15 13 00-0155	RSR 3'-6" Wide, 5/4" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	125.47	19.90
06 15 13 00-0156	RSR 3'-6" Wide, 5/4" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	121.89	18.91
06 15 13 00-0157	RSR 3'-6" Wide, 2" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	129.49	20.41
06 15 13 00-0158	RSR 3'-6" Wide, 2" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	125.84	19.38
06 15 13 00-0159	RSR 4' Wide, 5/4" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	131.62	20.89
06 15 13 00-0160	RSR 4' Wide, 5/4" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	127.84	19.84
06 15 13 00-0161	RSR 4' Wide, 2" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	135.82	21.42
06 15 13 00-0162	RSR 4' Wide, 2" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	131.98	20.37
06 15 13 00-0163	RSR 5' Wide, 5/4" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	139.72	21.95
06 15 13 00-0164	RSR 5' Wide, 5/4" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	135.83	20.85
06 15 13 00-0165	RSR 5' Wide, 2" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	144.20	22.50
06 15 13 00-0166	RSR 5' Wide, 2" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	140.24	21.37

06 15 13 00-0167 Redwood With Pressure Treated Joists, Wood Stair System (06 15 13 00-0131)**06 15 13 00-0168 2" x 10" Joists, Redwood With Pressure Treated Joists, Wood Stair System** (06 15 13 00-0167)

06 15 13 00-0169	RSR 3' Wide, 5/4" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	130.79	18.49
06 15 13 00-0170	RSR 3' Wide, 5/4" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	127.80	17.56
06 15 13 00-0171	RSR 3' Wide, 2" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	135.26	18.96
06 15 13 00-0172	RSR 3' Wide, 2" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	132.25	18.01
06 15 13 00-0173	RSR 3'-6" Wide, 5/4" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	137.33	19.41
06 15 13 00-0174	RSR 3'-6" Wide, 5/4" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	134.18	18.45
06 15 13 00-0175	RSR 3'-6" Wide, 2" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	142.03	19.91
06 15 13 00-0176	RSR 3'-6" Wide, 2" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	138.86	18.92
06 15 13 00-0177	RSR 4' Wide, 5/4" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	143.98	20.39
06 15 13 00-0178	RSR 4' Wide, 5/4" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	140.68	19.36
06 15 13 00-0179	RSR 4' Wide, 2" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	148.91	20.91
06 15 13 00-0180	RSR 4' Wide, 2" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	145.57	19.85
06 15 13 00-0181	RSR 5' Wide, 5/4" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	153.45	21.40
06 15 13 00-0182	RSR 5' Wide, 5/4" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	150.06	20.33
06 15 13 00-0183	RSR 5' Wide, 2" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	158.73	21.96
06 15 13 00-0184	RSR 5' Wide, 2" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	155.32	20.86

06 15 13 00-0185 2" x 12" Joists, Redwood With Pressure Treated Joists, Wood Stair System (06 15 13 00-0167)

06 15 13 00-0186	RSR 3' Wide, 5/4" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	129.22	18.95
06 15 13 00-0187	RSR 3' Wide, 5/4" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	126.16	18.00
06 15 13 00-0188	RSR 3' Wide, 2" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	133.45	19.43
06 15 13 00-0189	RSR 3' Wide, 2" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	130.45	18.47
06 15 13 00-0190	RSR 3'-6" Wide, 5/4" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	135.69	19.90
06 15 13 00-0191	RSR 3'-6" Wide, 5/4" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	132.47	18.91
06 15 13 00-0192	RSR 3'-6" Wide, 2" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	140.12	20.41
06 15 13 00-0193	RSR 3'-6" Wide, 2" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	136.97	19.38
06 15 13 00-0194	RSR 4' Wide, 5/4" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	142.29	20.89
06 15 13 00-0195	RSR 4' Wide, 5/4" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	138.89	19.84
06 15 13 00-0196	RSR 4' Wide, 2" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	146.93	21.42
06 15 13 00-0197	RSR 4' Wide, 2" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	143.61	20.37



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 15 13 00-0198 RSR 5' Wide, 5/4" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	151.46	21.95
06 15 13 00-0199 RSR 5' Wide, 5/4" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	147.99	20.85
06 15 13 00-0200 RSR 5' Wide, 2" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	156.42	22.50
06 15 13 00-0201 RSR 5' Wide, 2" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	153.03	21.37
06 15 13 00-0202 Cypress With Pressure Treated Joists, Wood Stair System (06 15 13 00-0131)		
06 15 13 00-0203 2" x 10" Joists, Cypress With Pressure Treated Joists, Wood Stair System (06 15 13 00-0202)		
06 15 13 00-0204 RSR 3' Wide, 5/4" x 4" Cypress Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	125.97	18.49
06 15 13 00-0205 RSR 3' Wide, 5/4" x 6" Cypress Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	122.83	17.56
06 15 13 00-0206 RSR 3' Wide, 2" x 4" Cypress Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	130.20	18.96
06 15 13 00-0207 RSR 3' Wide, 2" x 6" Cypress Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	127.00	18.01
06 15 13 00-0208 RSR 3'-6" Wide, 5/4" x 4" Cypress Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	132.26	19.41
06 15 13 00-0209 RSR 3'-6" Wide, 5/4" x 6" Cypress Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	128.96	18.45
06 15 13 00-0210 RSR 3'-6" Wide, 2" x 4" Cypress Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	136.71	19.91
06 15 13 00-0211 RSR 3'-6" Wide, 2" x 6" Cypress Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	133.35	18.92
06 15 13 00-0212 RSR 4' Wide, 5/4" x 4" Cypress Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	138.69	20.39
06 15 13 00-0213 RSR 4' Wide, 5/4" x 6" Cypress Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	135.22	19.36
06 15 13 00-0214 RSR 4' Wide, 2" x 4" Cypress Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	143.35	20.91
06 15 13 00-0215 RSR 4' Wide, 2" x 6" Cypress Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	139.81	19.85
06 15 13 00-0216 RSR 5' Wide, 5/4" x 4" Cypress Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	147.62	21.40
06 15 13 00-0217 RSR 5' Wide, 5/4" x 6" Cypress Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	144.05	20.33
06 15 13 00-0218 RSR 5' Wide, 2" x 4" Cypress Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	152.62	21.96
06 15 13 00-0219 RSR 5' Wide, 2" x 6" Cypress Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	148.98	20.86
06 15 13 00-0220 2" x 12" Joists, Cypress With Pressure Treated Joists, Wood Stair System (06 15 13 00-0202)		
06 15 13 00-0221 RSR 3' Wide, 5/4" x 4" Cypress Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	124.85	18.95
06 15 13 00-0222 RSR 3' Wide, 5/4" x 6" Cypress Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	121.64	18.00
06 15 13 00-0223 RSR 3' Wide, 2" x 4" Cypress Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	128.85	19.43
06 15 13 00-0224 RSR 3' Wide, 2" x 6" Cypress Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	125.66	18.47
06 15 13 00-0225 RSR 3'-6" Wide, 5/4" x 4" Cypress Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	131.10	19.90
06 15 13 00-0226 RSR 3'-6" Wide, 5/4" x 6" Cypress Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	127.72	18.91
06 15 13 00-0227 RSR 3'-6" Wide, 2" x 4" Cypress Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	135.29	20.41
06 15 13 00-0228 RSR 3'-6" Wide, 2" x 6" Cypress Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	131.94	19.38
06 15 13 00-0229 RSR 4' Wide, 5/4" x 4" Cypress Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	137.49	20.89
06 15 13 00-0230 RSR 4' Wide, 5/4" x 6" Cypress Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	133.94	19.84
06 15 13 00-0231 RSR 4' Wide, 2" x 4" Cypress Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	141.89	21.42
06 15 13 00-0232 RSR 4' Wide, 2" x 6" Cypress Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	138.35	20.37
06 15 13 00-0233 RSR 5' Wide, 5/4" x 4" Cypress Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	146.18	21.95
06 15 13 00-0234 RSR 5' Wide, 5/4" x 6" Cypress Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	142.54	20.85
06 15 13 00-0235 RSR 5' Wide, 2" x 4" Cypress Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	150.88	22.50
06 15 13 00-0236 RSR 5' Wide, 2" x 6" Cypress Decking With 2" x 12" Pressure Treated Joists.....	147.25	21.37
06 15 13 00-0237 Cedar With Pressure Treated Joists, Wood Stair System (06 15 13 00-0131)		
06 15 13 00-0238 2" x 10" Joists, Cedar With Pressure Treated Joists, Wood Stair System (06 15 13 00-0237)		
06 15 13 00-0239 RSR 3' Wide, 5/4" x 4" Cedar Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	120.44	18.49
06 15 13 00-0240 RSR 3' Wide, 5/4" x 6" Cedar Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	117.78	17.56
06 15 13 00-0241 RSR 3' Wide, 2" x 4" Cedar Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	124.22	18.96
06 15 13 00-0242 RSR 3' Wide, 2" x 6" Cedar Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	120.91	18.01
06 15 13 00-0243 RSR 3'-6" Wide, 5/4" x 4" Cedar Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	126.46	19.41
06 15 13 00-0244 RSR 3'-6" Wide, 5/4" x 6" Cedar Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	123.66	18.45
06 15 13 00-0245 RSR 3'-6" Wide, 2" x 4" Cedar Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	130.43	19.91
06 15 13 00-0246 RSR 3'-6" Wide, 2" x 6" Cedar Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	126.96	18.92
06 15 13 00-0247 RSR 4' Wide, 5/4" x 4" Cedar Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	132.63	20.39
06 15 13 00-0248 RSR 4' Wide, 5/4" x 6" Cedar Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	129.68	19.36
06 15 13 00-0249 RSR 4' Wide, 2" x 4" Cedar Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	136.79	20.91
06 15 13 00-0250 RSR 4' Wide, 2" x 6" Cedar Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	133.14	19.85
06 15 13 00-0251 RSR 5' Wide, 5/4" x 4" Cedar Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	140.96	21.40
06 15 13 00-0252 RSR 5' Wide, 5/4" x 6" Cedar Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	137.96	20.33
06 15 13 00-0253 RSR 5' Wide, 2" x 4" Cedar Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	145.40	21.96
06 15 13 00-0254 RSR 5' Wide, 2" x 6" Cedar Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	141.64	20.86
06 15 13 00-0255 2" x 12" Joists, Cedar With Pressure Treated Joists, Wood Stair System (06 15 13 00-0237)		
06 15 13 00-0256 RSR 3' Wide, 5/4" x 4" Cedar Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	122.97	18.95
06 15 13 00-0257 RSR 3' Wide, 5/4" x 6" Cedar Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	119.71	18.00
06 15 13 00-0258 RSR 3' Wide, 2" x 4" Cedar Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	126.98	19.43
06 15 13 00-0259 RSR 3' Wide, 2" x 6" Cedar Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	123.66	18.47
06 15 13 00-0260 RSR 3'-6" Wide, 5/4" x 4" Cedar Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	129.13	19.90
06 15 13 00-0261 RSR 3'-6" Wide, 5/4" x 6" Cedar Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	125.70	18.91
06 15 13 00-0262 RSR 3'-6" Wide, 2" x 4" Cedar Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	133.33	20.41
06 15 13 00-0263 RSR 3'-6" Wide, 2" x 6" Cedar Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	129.84	19.38
06 15 13 00-0264 RSR 4' Wide, 5/4" x 4" Cedar Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	135.44	20.89
06 15 13 00-0265 RSR 4' Wide, 5/4" x 6" Cedar Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	131.82	19.84
06 15 13 00-0266 RSR 4' Wide, 2" x 4" Cedar Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	139.84	21.42

06 Wood, Plastics, and Composites**06 10 Rough Carpentry****06 15 Wood Decking**MINOR
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

06 15 13 00-0267	RSR	4' Wide, 2" x 6" Cedar Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	136.16	20.37
06 15 13 00-0268	RSR	5' Wide, 5/4" x 4" Cedar Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	143.92	21.95
06 15 13 00-0269	RSR	5' Wide, 5/4" x 6" Cedar Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	140.21	20.85
06 15 13 00-0270	RSR	5' Wide, 2" x 4" Cedar Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	148.62	22.50
06 15 13 00-0271	RSR	5' Wide, 2" x 6" Cedar Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	144.84	21.37

06 15 13 00-0272 Wood Deck And Ramp Systems Repairs (06 15 13)

Note: Includes removal of material and screws. Excludes anchors and bolts.

06 15 13 00-0273 Deck Joist Or Girt (06 15 13 00-0272)

See CSI section 06 11 16 00-0012 for treated wood joist replacement, 06 51 13 00-0012 for plastic/composite lumber joist replacement.

06 15 13 00-0274 Deck Boards (06 15 13 00-0272)

See CSI section 06 51 13 00-0035 for plastic/composite lumber decking replacement.

06 15 13 00-0275	LF	5/4" x 4" Round Edge Pressure Treated Deck Boards.....	2.01	0.84
06 15 13 00-0276	LF	5/4" x 6" Round Edge Pressure Treated Deck Boards.....	2.23	1.00
06 15 13 00-0277	LF	2" x 4" Round Edge Pressure Treated Deck Boards.....	2.14	1.00
06 15 13 00-0278	LF	2" x 6" Round Edge Pressure Treated Deck Boards.....	2.79	1.15
06 15 13 00-0279	LF	2" x 8" Round Edge Pressure Treated Deck Boards.....	3.55	1.37
06 15 13 00-0280	LF	2" x 10" Round Edge Pressure Treated Deck Boards.....	4.35	1.69
06 15 13 00-0281	LF	2" x 12" Round Edge Pressure Treated Deck Boards.....	5.35	1.99
06 15 13 00-0282	LF	2" x 4" Round Edge Cedar Deck Boards	2.46	1.00
06 15 13 00-0283	LF	2" x 6" Round Edge Cedar Deck Boards	3.16	1.15
06 15 13 00-0284	LF	2" x 4" Round Edge Redwood Deck Boards	2.68	1.00
06 15 13 00-0285	LF	2" x 6" Round Edge Redwood Deck Boards	3.50	1.15

06 15 13 00-0286 Deck Posts (06 15 13 00-0272)

See CSI section 06 11 16 00-0105 for treated wood post replacement, 06 51 13 00-0024 for plastic/composite lumber column replacement.

06 15 13 00-0287 Deck Railing And Pickets (06 15 13 00-0272)

See CSI section 06 51 13 00-0035 for plastic/composite lumber railing replacement.

06 15 13 00-0288	LF	2" x 4" Pressure Treated Deck Railing.....	2.14	1.00
06 15 13 00-0289	LF	2" x 2" Pressure Treated Deck Railing Picket.....	1.55	0.76
06 15 13 00-0290	LF	2" x 4" Cedar Deck Railing.....	2.46	1.00
06 15 13 00-0291	LF	2" x 2" Cedar Deck Railing Picket.....	1.86	0.76
06 15 13 00-0292	LF	2" x 4" Redwood Deck Railing	2.68	1.00
06 15 13 00-0293	LF	2" x 2" Redwood Deck Railing Picket.....	2.03	0.76

06 16 Sheathing (06 10)**06 16 23 Subflooring** (06 16)**06 16 23 00-0001 Board Type Subflooring** (06 16 23)

06 16 23 00-0002	SF	1" x 8" Regular Surface Board Type Subfloor.....	3.29	0.87

Note: 4 Sides Laid In A Regular Pattern.

For Water Resistant Coating Or Treatment, Add

0.08

For Foil Backing, Add

0.13

For Tongue And Groove, Add

0.09

06 16 23 00-0003	SF	1" x 8" Diagonal Surface Board Type Subfloor	3.65	1.10

Note: 4 Sides Laid In A Diagonal Pattern.

For Water Resistant Coating Or Treatment, Add

0.08

For Foil Backing, Add

0.13

For Tongue And Groove, Add

0.09

06 16 23 00-0004	SF	1" x 10" Regular Surface Board Type Subfloor	3.16	0.76

Note: 4 sides laid in a regular pattern.

For Water Resistant Coating Or Treatment, Add

0.08

For Foil Backing, Add

0.14

For Tongue And Groove, Add

0.10

06 16 23 00-0005	SF	1" x 10" Diagonal Surface Board Type Subfloor	3.42	0.87

Note: 4 sides laid in a diagonal pattern.

For Water Resistant Coating Or Treatment, Add

0.08

For Foil Backing, Add

0.14

For Tongue And Groove, Add

0.10

06 16 33 Wood Board Sheathing (06 16)**06 16 33 00-0001 Plywood** (06 16 33)**06 16 33 00-0002 Roof Decking** (06 16 33 00-0001)



Wood, Plastics, and Composites			06	06
Rough Carpentry			06 10	
Sheathing			06 16	

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
06 16 33 00-0003	SF	3/8" Thick CDX Plywood Roof Decking	1.99	0.55	
		Note: Applied to wood rafters.			
		For Shear Wall Construction, Add	0.26		
		For Exterior CC Grade Plywood, Add	0.11		
		For Application To Metal Studs, Joists, Or Rafters, Add	0.26		
		For ACQ Preservative Treatment, Add	0.34		
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	1.94		
		For Fire Retardant Treatment, Add	0.55		
		For >1,696 To 3,200, Deduct	-0.04		
		For >3,200 To 6,400, Deduct	-0.06		
		For >6,400 To 12,800, Deduct	-0.11		
		For >12,800, Deduct	-0.15		
06 16 33 00-0004	SF	1/2" Thick CDX Plywood Roof Decking	2.25	0.66	
		Note: Applied to wood rafters.			
		For Shear Wall Construction, Add	0.28		
		For Exterior CC Grade Plywood, Add	0.13		
		For Application To Metal Studs, Joists, Or Rafters, Add	0.28		
		For ACQ Preservative Treatment, Add	0.41		
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	2.10		
		For Fire Retardant Treatment, Add	0.67		
		For >1,696 To 3,200, Deduct	-0.05		
		For >3,200 To 6,400, Deduct	-0.08		
		For >6,400 To 12,800, Deduct	-0.13		
		For >12,800, Deduct	-0.17		
06 16 33 00-0005	SF	5/8" Thick CDX Plywood Roof Decking	2.60	0.66	
		Note: Applied to wood rafters.			
		For Shear Wall Construction, Add	0.30		
		For Exterior CC Grade Plywood, Add	0.16		
		For Application To Metal Studs, Joists, Or Rafters, Add	0.30		
		For ACQ Preservative Treatment, Add	0.52		
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	2.27		
		For Fire Retardant Treatment, Add	0.86		
		For >1,696 To 3,200, Deduct	-0.07		
		For >3,200 To 6,400, Deduct	-0.10		
		For >6,400 To 12,800, Deduct	-0.16		
		For >12,800, Deduct	-0.21		
		For Tongue And Groove, Add	0.08		
06 16 33 00-0006	SF	3/4" Thick CDX Plywood Roof Decking	2.89	0.76	
		Note: Applied to wood rafters.			
		For Shear Wall Construction, Add	0.33		
		For Exterior CC Grade Plywood, Add	0.19		
		For Application To Metal Studs, Joists, Or Rafters, Add	0.33		
		For ACQ Preservative Treatment, Add	0.60		
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	2.45		
		For Fire Retardant Treatment, Add	1.00		
		For >1,696 To 3,200, Deduct	-0.08		
		For >3,200 To 6,400, Deduct	-0.11		
		For >6,400 To 12,800, Deduct	-0.18		
		For >12,800, Deduct	-0.23		
		For Tongue And Groove, Add	0.09		
06 16 33 00-0007	SF	1" Thick CDX Plywood Roof Decking	3.49	0.87	
		Note: Applied to wood rafters.			
		For Shear Wall Construction, Add	0.36		
		For Exterior CC Grade Plywood, Add	0.26		
		For Application To Metal Studs, Joists, Or Rafters, Add	0.36		
		For ACQ Preservative Treatment, Add	0.82		
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	2.67		
		For Fire Retardant Treatment, Add	1.35		
		For >1,696 To 3,200, Deduct	-0.10		
		For >3,200 To 6,400, Deduct	-0.15		
		For >6,400 To 12,800, Deduct	-0.23		
		For >12,800, Deduct	-0.29		
		For Tongue And Groove, Add	0.12		
06 16 33 00-0008		Wall Sheathing (06 16 33 00-0001)			
06 16 33 00-0009	SF	1/4" Interior BC Plywood Wall Sheathing.....	2.32	0.76	
		Note: Applied to wall studs.			
		For Shear Wall Construction, Add	0.33		
		For Exterior CC Grade Plywood, Add	0.10		
		For Application To Metal Studs, Joists, Or Rafters, Add	0.33		
		For Ceiling Installation, Add	0.16		
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	2.45		
		For Fire Retardant Treatment, Add	0.55		
		For >1,696 To 3,200, Deduct	-0.04		
		For >3,200 To 6,400, Deduct	-0.06		
		For >6,400 To 12,800, Deduct	-0.12		
		For >12,800, Deduct	-0.16		

06 Wood, Plastics, and Composites**06 10 Rough Carpentry****06 16 Sheathing**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
06 16 33 00-0010	SF	5/16" Interior BC Plywood Wall Sheathing.....	2.36	0.76	
		Note: Applied to wall studs.			
		For Shear Wall Construction, Add	0.33		
		For Exterior CC Grade Plywood, Add	0.11		
		For Application To Metal Studs, Joists, Or Rafters, Add	0.33		
		For Ceiling Installation, Add	0.16		
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	2.45		
		For Fire Retardant Treatment, Add	0.58		
		For >1,696 To 3,200, Deduct	-0.04		
		For >3,200 To 6,400, Deduct	-0.07		
		For >6,400 To 12,800, Deduct	-0.12		
		For >12,800, Deduct	-0.17		
06 16 33 00-0011	SF	3/8" Interior BC Plywood Wall Sheathing.....	2.42	0.87	
		Note: Applied to wall studs.			
		For Shear Wall Construction, Add	0.33		
		For Exterior CC Grade Plywood, Add	0.12		
		For Application To Metal Studs, Joists, Or Rafters, Add	0.33		
		For Ceiling Installation, Add	0.16		
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	2.45		
		For Fire Retardant Treatment, Add	0.62		
		For >1,696 To 3,200, Deduct	-0.05		
		For >3,200 To 6,400, Deduct	-0.07		
		For >6,400 To 12,800, Deduct	-0.13		
		For >12,800, Deduct	-0.18		
06 16 33 00-0012	SF	1/2" Interior BC Plywood Wall Sheathing.....	2.74	0.87	
		Note: Applied to wall studs.			
		For Shear Wall Construction, Add	0.35		
		For Exterior CC Grade Plywood, Add	0.15		
		For Application To Metal Studs, Joists, Or Rafters, Add	0.35		
		For Ceiling Installation, Add	0.17		
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	2.61		
		For Fire Retardant Treatment, Add	0.79		
		For >1,696 To 3,200, Deduct	-0.06		
		For >3,200 To 6,400, Deduct	-0.09		
		For >6,400 To 12,800, Deduct	-0.15		
		For >12,800, Deduct	-0.21		
06 16 33 00-0013	SF	5/8" Interior BC Plywood Wall Sheathing.....	3.11	0.99	
		Note: Applied to wall studs.			
		For Shear Wall Construction, Add	0.37		
		For Exterior CC Grade Plywood, Add	0.19		
		For Application To Metal Studs, Joists, Or Rafters, Add	0.37		
		For Ceiling Installation, Add	0.19		
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	2.81		
		For Fire Retardant Treatment, Add	0.98		
		For >1,696 To 3,200, Deduct	-0.07		
		For >3,200 To 6,400, Deduct	-0.11		
		For >6,400 To 12,800, Deduct	-0.18		
		For >12,800, Deduct	-0.24		
06 16 33 00-0014	SF	3/4" Interior BC Plywood Wall Sheathing.....	3.43	1.10	
		Note: Applied to wall studs.			
		For Shear Wall Construction, Add	0.40		
		For Exterior CC Grade Plywood, Add	0.21		
		For Application To Metal Studs, Joists, Or Rafters, Add	0.40		
		For Ceiling Installation, Add	0.20		
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	3.02		
		For Fire Retardant Treatment, Add	1.12		
		For >1,696 To 3,200, Deduct	-0.09		
		For >3,200 To 6,400, Deduct	-0.13		
		For >6,400 To 12,800, Deduct	-0.21		
		For >12,800, Deduct	-0.27		
06 16 33 00-0015		Floor Decking (06 16 33 00-0001)			
		Note: Includes patching of seams and all fastener holes where necessary.			
06 16 33 00-0016	SF	5/16" CD Grade Plywood Floor Decking.....	1.77	0.66	
		Note: Applied to floor or joists.			
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	1.85		
		For Fire Retardant Treatment, Add	0.43		
		For >1,696 To 3,200, Deduct	-0.03		
		For >3,200 To 6,400, Deduct	-0.05		
		For >6,400 To 12,800, Deduct	-0.09		
		For >12,800, Deduct	-0.13		
		For ACQ Preservative Treatment, Add	0.26		
		For Fir Plywood, Add	0.10		
		For BC Grade Plywood, Add	0.08		
		For Exterior Glue, Add	0.05		
		For Marine Grade, Add	0.42		



Wood, Plastics, and Composites			06	06
Rough Carpentry			06 10	
Sheathing			06 16	

MINOR		DESCRIPTION	TOTAL DIRECT	DEMOLITION
CSI	UOM		UNIT COST	UNIT COST
06 16 33 00-0017	SF	3/8" CD Grade Plywood Floor Decking.....	1.86	0.66
		Note: Applied to floor or joists.		
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	1.94	
		For Fire Retardant Treatment, Add	0.45	
		For >1,696 To 3,200, Deduct	-0.03	
		For >3,200 To 6,400, Deduct	-0.05	
		For >6,400 To 12,800, Deduct	-0.09	
		For >12,800, Deduct	-0.13	
		For ACQ Preservative Treatment, Add	0.27	
		For Fir Plywood, Add	0.11	
		For BC Grade Plywood, Add	0.08	
		For Exterior Glue, Add	0.05	
		For Marine Grade, Add	0.45	
06 16 33 00-0018	SF	1/2" CD Grade Plywood Floor Decking.....	2.12	0.66
		Note: Applied to floor or joists.		
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	2.04	
		For Fire Retardant Treatment, Add	0.60	
		For >1,696 To 3,200, Deduct	-0.05	
		For >3,200 To 6,400, Deduct	-0.07	
		For >6,400 To 12,800, Deduct	-0.12	
		For >12,800, Deduct	-0.16	
		For ACQ Preservative Treatment, Add	0.36	
		For Fir Plywood, Add	0.14	
		For BC Grade Plywood, Add	0.11	
		For Exterior Glue, Add	0.07	
		For Marine Grade, Add	0.60	
06 16 33 00-0019	SF	5/8" CD Grade Plywood Floor Decking.....	2.44	0.66
		Note: Applied to floor or joists.		
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	2.24	
		For Fire Retardant Treatment, Add	0.75	
		For >1,696 To 3,200, Deduct	-0.06	
		For >3,200 To 6,400, Deduct	-0.09	
		For >6,400 To 12,800, Deduct	-0.14	
		For >12,800, Deduct	-0.19	
		For ACQ Preservative Treatment, Add	0.46	
		For Fir Plywood, Add	0.18	
		For BC Grade Plywood, Add	0.14	
		For Exterior Glue, Add	0.09	
		For Marine Grade, Add	0.74	
06 16 33 00-0020	SF	3/4" CD Grade Plywood Floor Decking.....	2.79	0.66
		Note: Applied to floor or joists.		
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	2.37	
		For Fire Retardant Treatment, Add	0.96	
		For >1,696 To 3,200, Deduct	-0.07	
		For >3,200 To 6,400, Deduct	-0.11	
		For >6,400 To 12,800, Deduct	-0.17	
		For >12,800, Deduct	-0.22	
		For ACQ Preservative Treatment, Add	0.58	
		For Fir Plywood, Add	0.22	
		For BC Grade Plywood, Add	0.18	
		For Exterior Glue, Add	0.11	
		For Marine Grade, Add	0.95	
06 16 33 00-0021	SF	1-1/8" CD Grade Plywood Floor Decking.....	4.17	0.99
		Note: Applied to floor or joists.		
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	2.82	
		For Fire Retardant Treatment, Add	1.81	
		For >1,696 To 3,200, Deduct	-0.14	
		For >3,200 To 6,400, Deduct	-0.21	
		For >6,400 To 12,800, Deduct	-0.30	
		For >12,800, Deduct	-0.37	
		For ACQ Preservative Treatment, Add	1.10	
		For Fir Plywood, Add	0.42	
		For BC Grade Plywood, Add	0.34	
		For Exterior Glue, Add	0.21	
		For Marine Grade, Add	1.79	
06 16 33 00-0022	SF	1/2" AC Fir Plywood Floor Decking.....	2.57	0.66
		Note: Applied to floor or joists.		
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	2.04	
		For Fire Retardant Treatment, Add	0.96	
		For >1,696 To 3,200, Deduct	-0.07	
		For >3,200 To 6,400, Deduct	-0.11	
		For >6,400 To 12,800, Deduct	-0.17	
		For >12,800, Deduct	-0.21	
		For ACQ Preservative Treatment, Add	0.58	
		For Exterior Glue, Add	0.11	
		For Marine Grade, Add	0.95	
		For Tongue And Groove, Add	0.08	

06 Wood, Plastics, and Composites**06 10 Rough Carpentry****06 16 Sheathing**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
06 16 33 00-0023	SF	5/8" AC Fir Plywood Floor Decking.....	2.96		0.66
		Note: Applied to floor or joists.			
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	2.24		
		For Fire Retardant Treatment, Add	1.16		
		For >1,696 To 3,200, Deduct	-0.09		
		For >3,200 To 6,400, Deduct	-0.13		
		For >6,400 To 12,800, Deduct	-0.20		
		For >12,800, Deduct	-0.25		
		For ACQ Preservative Treatment, Add	0.71		
		For Exterior Glue, Add	0.14		
		For Marine Grade, Add	1.15		
		For Tongue And Groove, Add	0.10		
06 16 33 00-0024	SF	3/4" AC Fir Plywood Floor Decking.....	3.18		0.66
		Note: Applied to floor or joists.			
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	2.37		
		For Fire Retardant Treatment, Add	1.26		
		For >1,696 To 3,200, Deduct	-0.10		
		For >3,200 To 6,400, Deduct	-0.14		
		For >6,400 To 12,800, Deduct	-0.22		
		For >12,800, Deduct	-0.27		
		For ACQ Preservative Treatment, Add	0.77		
		For Exterior Glue, Add	0.15		
		For Marine Grade, Add	1.25		
		For Tongue And Groove, Add	0.11		
06 16 33 00-0025		Underlayment Grade (06 16 33 00-0001)			
		Note: Includes patching of seams and all fastener holes where necessary.			
06 16 33 00-0026	SF	1/4" Thick Plywood Underlayment BC Grade.....	1.90		0.66
		For Fire Retardant Treatment, Add	0.51		
		For >1,696 To 3,200, Deduct	-0.04		
		For >3,200 To 6,400, Deduct	-0.06		
		For >6,400 To 12,800, Deduct	-0.09		
		For >12,800, Deduct	-0.14		
06 16 33 00-0027	SF	3/8" Thick Plywood Underlayment BC Grade.....	2.03		0.66
		For Fire Retardant Treatment, Add	0.55		
		For >1,696 To 3,200, Deduct	-0.04		
		For >3,200 To 6,400, Deduct	-0.06		
		For >6,400 To 12,800, Deduct	-0.10		
		For >12,800, Deduct	-0.15		
06 16 33 00-0028	SF	1/2" Thick Plywood Underlayment BC Grade.....	2.11		0.76
		For Fire Retardant Treatment, Add	0.60		
		For >1,696 To 3,200, Deduct	-0.05		
		For >3,200 To 6,400, Deduct	-0.07		
		For >6,400 To 12,800, Deduct	-0.10		
		For >12,800, Deduct	-0.16		
06 16 33 00-0029	SF	5/8" Thick Plywood Underlayment BC Grade.....	2.41		0.76
		For Fire Retardant Treatment, Add	0.71		
		For >1,696 To 3,200, Deduct	-0.05		
		For >3,200 To 6,400, Deduct	-0.08		
		For >6,400 To 12,800, Deduct	-0.12		
		For >12,800, Deduct	-0.18		
		For Tongue And Groove, Add	0.06		
06 16 33 00-0030	SF	3/4" Thick Plywood Underlayment BC Grade.....	2.60		0.76
		For Fire Retardant Treatment, Add	0.86		
		For >1,696 To 3,200, Deduct	-0.07		
		For >3,200 To 6,400, Deduct	-0.10		
		For >6,400 To 12,800, Deduct	-0.14		
		For >12,800, Deduct	-0.21		
		For Tongue And Groove, Add	0.08		
06 16 33 00-0031	SF	1-1/8" Thick Plywood Underlayment BC Grade.....	3.35		0.87
		For Fire Retardant Treatment, Add	1.31		
		For >1,696 To 3,200, Deduct	-0.10		
		For >3,200 To 6,400, Deduct	-0.15		
		For >6,400 To 12,800, Deduct	-0.19		
		For >12,800, Deduct	-0.28		
		For Tongue And Groove, Add	0.12		
06 16 33 00-0032	SF	3/8" Thick CDX Plywood Underlayment Grade.....	2.19		0.66
		For Fire Retardant Treatment, Add	0.68		
		For >1,696 To 3,200, Deduct	-0.05		
		For >3,200 To 6,400, Deduct	-0.08		
		For >6,400 To 12,800, Deduct	-0.11		
		For >12,800, Deduct	-0.17		
06 16 33 00-0033	SF	5/8" Thick CDX Plywood Underlayment Grade.....	2.79		0.76
		For Fire Retardant Treatment, Add	1.03		
		For >1,696 To 3,200, Deduct	-0.08		
		For >3,200 To 6,400, Deduct	-0.12		
		For >6,400 To 12,800, Deduct	-0.15		
		For >12,800, Deduct	-0.23		
06 16 33 00-0034		Oriented Strand Board (06 16 33)			
06 16 33 00-0035		On Roof (06 16 33 00-0034)			



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 16 33 00-0036	SF	3/8" Thick Structural Oriented Strand Board (OSB) On Roof	.....	1.71	0.66
		For >1,408 To 3,200, Deduct	.....	-0.03	
		For >3,200 To 6,400, Deduct	.....	-0.04	
		For >6,400 To 12,800, Deduct	.....	-0.08	
		For >12,800, Deduct	.....	-0.11	
		For Fire Retardant Treatment, Add	.....	0.33	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	.....	1.94	
06 16 33 00-0037	SF	1/2" Thick Structural Oriented Strand Board (OSB) On Roof	.....	1.89	0.66
		For >1,408 To 3,200, Deduct	.....	-0.03	
		For >3,200 To 6,400, Deduct	.....	-0.04	
		For >6,400 To 12,800, Deduct	.....	-0.09	
		For >12,800, Deduct	.....	-0.13	
		For Fire Retardant Treatment, Add	.....	0.39	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	.....	2.10	
06 16 33 00-0038	SF	5/8" Thick Structural Oriented Strand Board (OSB) On Roof	.....	2.22	0.76
		For >1,408 To 3,200, Deduct	.....	-0.04	
		For >3,200 To 6,400, Deduct	.....	-0.06	
		For >6,400 To 12,800, Deduct	.....	-0.12	
		For >12,800, Deduct	.....	-0.16	
		For Fire Retardant Treatment, Add	.....	0.56	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	.....	2.27	
06 16 33 00-0039	SF	3/4" Thick Structural Oriented Strand Board (OSB) On Roof	.....	2.57	0.76
		For >1,408 To 3,200, Deduct	.....	-0.06	
		For >3,200 To 6,400, Deduct	.....	-0.08	
		For >6,400 To 12,800, Deduct	.....	-0.14	
		For >12,800, Deduct	.....	-0.19	
		For Fire Retardant Treatment, Add	.....	0.74	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	.....	2.45	
06 16 33 00-0040		On Walls (06 16 33 00-0034)			
06 16 33 00-0041	SF	3/8" Thick Structural Oriented Strand Board (OSB) On Walls	.....	2.05	0.76
		For >1,408 To 3,200, Deduct	.....	-0.03	
		For >3,200 To 6,400, Deduct	.....	-0.04	
		For >6,400 To 12,800, Deduct	.....	-0.09	
		For >12,800, Deduct	.....	-0.13	
		For Fire Retardant Treatment, Add	.....	0.33	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	.....	2.45	
06 16 33 00-0042	SF	1/2" Thick Structural Oriented Strand Board (OSB) On Walls	.....	2.23	0.87
		For >1,408 To 3,200, Deduct	.....	-0.03	
		For >3,200 To 6,400, Deduct	.....	-0.04	
		For >6,400 To 12,800, Deduct	.....	-0.10	
		For >12,800, Deduct	.....	-0.15	
		For Fire Retardant Treatment, Add	.....	0.39	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	.....	2.61	
06 16 33 00-0043	SF	5/8" Thick Structural Oriented Strand Board (OSB) On Walls	.....	2.58	0.99
		For >1,408 To 3,200, Deduct	.....	-0.04	
		For >3,200 To 6,400, Deduct	.....	-0.06	
		For >6,400 To 12,800, Deduct	.....	-0.12	
		For >12,800, Deduct	.....	-0.18	
		For Fire Retardant Treatment, Add	.....	0.56	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	.....	2.81	
06 16 33 00-0044	SF	3/4" Thick Structural Oriented Strand Board (OSB) On Walls	.....	2.95	0.99
		For >1,408 To 3,200, Deduct	.....	-0.06	
		For >3,200 To 6,400, Deduct	.....	-0.08	
		For >6,400 To 12,800, Deduct	.....	-0.15	
		For >12,800, Deduct	.....	-0.21	
		For Fire Retardant Treatment, Add	.....	0.74	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	.....	3.02	
06 16 33 00-0045		On Floors (06 16 33 00-0034)			
		Note: Includes patching of seams and all fastener holes where necessary.			
06 16 33 00-0046	SF	3/8" Thick Structural Oriented Strand Board (OSB) On Floors	.....	1.73	0.66
		For >1,408 To 3,200, Deduct	.....	-0.03	
		For >3,200 To 6,400, Deduct	.....	-0.04	
		For >6,400 To 12,800, Deduct	.....	-0.08	
		For >12,800, Deduct	.....	-0.12	
		For Fire Retardant Treatment, Add	.....	0.33	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	.....	1.97	
06 16 33 00-0047	SF	1/2" Thick Structural Oriented Strand Board (OSB) On Floors	.....	2.07	0.76
		For >1,408 To 3,200, Deduct	.....	-0.03	
		For >3,200 To 6,400, Deduct	.....	-0.04	
		For >6,400 To 12,800, Deduct	.....	-0.09	
		For >12,800, Deduct	.....	-0.14	
		For Fire Retardant Treatment, Add	.....	0.39	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	.....	2.37	
06 16 33 00-0048	SF	5/8" Thick Structural Oriented Strand Board (OSB) On Floors	.....	2.43	0.87
		For >1,408 To 3,200, Deduct	.....	-0.04	
		For >3,200 To 6,400, Deduct	.....	-0.06	
		For >6,400 To 12,800, Deduct	.....	-0.12	
		For >12,800, Deduct	.....	-0.17	
		For Fire Retardant Treatment, Add	.....	0.56	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	.....	2.58	

06 Wood, Plastics, and Composites**06 10 Rough Carpentry****06 16 Sheathing**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
06 16 33 00-0049	SF 3/4" Thick Structural Oriented Strand Board (OSB) On Floors For >1,408 To 3,200, Deduct For >3,200 To 6,400, Deduct For >6,400 To 12,800, Deduct For >12,800, Deduct For Fire Retardant Treatment, Add For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	2.81 -0.06 -0.08 -0.15 -0.21 0.74 2.81	0.99	
06 16 33 00-0050	Particle Board (06 16 33)			
06 16 33 00-0051	Particle Board Floor Decking (06 16 33 00-0050) Note: Includes patching of seams and all fastener holes where necessary.			
06 16 33 00-0052	SF 3/8" Particle Board Floor Decking Note: Applied to plywood subfloor. For Fire Retardant Treatment Add For >1,536 To 3,200, Deduct For >3,200 To 6,400, Deduct For >6,400 To 12,800, Deduct For >12,800, Deduct For Tongue And Groove, Add	1.93 0.51 -0.04 -0.06 -0.10 -0.14 0.04	0.55	
06 16 33 00-0053	SF 1/2" Particle Board Floor Decking Note: Applied to plywood subfloor. For Fire Retardant Treatment Add For >1,536 To 3,200, Deduct For >3,200 To 6,400, Deduct For >6,400 To 12,800, Deduct For >12,800, Deduct For Tongue And Groove, Add	2.23 0.69 -0.05 -0.08 -0.13 -0.17 0.06	0.55	
06 16 33 00-0054	SF 5/8" Particle Board Floor Decking Note: Applied to plywood subfloor. For Fire Retardant Treatment Add For >1,536 To 3,200, Deduct For >3,200 To 6,400, Deduct For >6,400 To 12,800, Deduct For >12,800, Deduct For Tongue And Groove, Add	2.52 0.86 -0.07 -0.10 -0.16 -0.20 0.08	0.66	
06 16 33 00-0055	SF 3/4" Particle Board Floor Decking Note: Applied to plywood subfloor. For Fire Retardant Treatment Add For >1,536 To 3,200, Deduct For >3,200 To 6,400, Deduct For >6,400 To 12,800, Deduct For >12,800, Deduct For Tongue And Groove, Add	2.81 1.01 -0.08 -0.12 -0.18 -0.23 0.09	0.66	
06 16 43	Gypsum Sheathing (06 16)			
06 16 43 00-0001	Exterior Gypsum Sheathing (06 16 43) Note: Includes moisture resistant core and fiberglass mats on both sides and long edges.			
06 16 43 00-0002	SF 1/2" Exterior Gypsum Sheathing (GP Dens-Glass Gold) For Selective Replacement <400 (Includes Removal Of Damaged Gypsum And Fitting New Gypsum To Size), Add For Application To Metal Studs, Joists, Or Rafters, Add For Ceiling Installation, Add For >1,696 To 3,200, Deduct For >3,200 To 6,400, Deduct For >6,400 To 12,800, Deduct For >12,800, Deduct	3.23 2.61 0.35 0.17 -0.09 -0.13 -0.21 -0.27	0.87	
06 16 43 00-0003	SF 5/8" Exterior Gypsum Sheathing (GP Dens-Glass Gold) For Selective Replacement <400 (Includes Removal Of Damaged Gypsum And Fitting New Gypsum To Size), Add For Application To Metal Studs, Joists, Or Rafters, Add For Ceiling Installation, Add For >1,696 To 3,200, Deduct For >3,200 To 6,400, Deduct For >6,400 To 12,800, Deduct For >12,800, Deduct	3.50 2.81 0.37 0.19 -0.10 -0.15 -0.23 -0.29	1.10	
06 17	Shop-Fabricated Structural Wood (06 10)			
06 17 13	Laminated Veneer Lumber (06 17)			
06 17 13 00-0001	Laminated Veneer Lumber (LVL) (06 17 13)			
06 17 13 00-0002	LF 1-3/4" Wide x 5-1/2" Deep Laminated Veneer Lumber (LVL)	7.07	1.89	
06 17 13 00-0003	LF 1-3/4" Wide x 7-1/4" Deep Laminated Veneer Lumber (LVL)	7.71	1.92	
06 17 13 00-0004	LF 1-3/4" Wide x 9-1/2" Deep Laminated Veneer Lumber (LVL)	8.46	1.95	
06 17 13 00-0005	LF 1-3/4" Wide x 11-7/8" Deep Laminated Veneer Lumber (LVL)	9.41	1.98	
06 17 13 00-0006	LF 1-3/4" Wide x 14" Deep Laminated Veneer Lumber (LVL)	10.12	2.01	
06 17 13 00-0007	LF 1-3/4" Wide x 16" Deep Laminated Veneer Lumber (LVL)	11.11	2.08	
06 17 13 00-0008	LF 1-3/4" Wide x 18" Deep Laminated Veneer Lumber (LVL)	12.53	2.12	
06 17 13 00-0009	LF 1-3/4" Wide x 24" Deep Laminated Veneer Lumber (LVL)	17.03	2.41	
06 17 23	Parallel Strand Lumber (06 17)			



MINOR				TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION				UNIT COST	UNIT COST
06 17 23 00-0001	Laminated Strand Lumber (LSL) (06 17 23)				
06 17 23 00-0002	LF	2" x 4" Laminated Strand Lumber (LSL)	2.44	0.87	
06 17 23 00-0003	LF	2" x 6" Laminated Strand Lumber (LSL)	3.24	0.93	
06 17 33	Wood I-Joists (06 17)				
06 17 33 00-0001	Prefabricated Wood I-Joists (06 17 33)				
06 17 33 00-0002	LF	9-1/2" Deep, 3/8" Web With 1-1/2" x 1-3/4" Flanges Prefabricated Wood I-Joist, Up To 30' Length	4.50	1.29	
		For I-Joists 30' To 40' In Length, Add	0.56		
		For I-Joists >40' In Length, Add	1.38		
06 17 33 00-0003	LF	11-7/8" Deep, 3/8" Web With 1-1/2" x 1-3/4" Flanges Prefabricated Wood I-Joist, Up To 30' Length	4.87	1.43	
		For I-Joists 30' To 40' In Length, Add	0.63		
		For I-Joists >40' In Length, Add	1.54		
06 17 33 00-0004	LF	14" Deep, 3/8" Web With 1-1/2" x 1-3/4" Flanges Prefabricated Wood I-Joist, Up To 30' Length	5.68	1.60	
		For I-Joists 30' To 40' In Length, Add	0.71		
		For I-Joists >40' In Length, Add	1.74		
06 17 33 00-0005	LF	16" Deep, 3/8" Web With 1-1/2" x 1-3/4" Flanges Prefabricated Wood I-Joist, Up To 30' Length	6.38	1.79	
		For I-Joists 30' To 40' In Length, Add	0.79		
		For I-Joists >40' In Length, Add	1.93		
06 17 43	Rim Boards (06 17)				
06 17 43 00-0001	Oriented Strand Board (OSB) Rim Board (06 17 43)				
06 17 43 00-0002	LF	1-1/8" Wide x 9-1/2" Deep, Oriented Strand Board (OSB) Rim Board	5.85	1.95	
06 17 43 00-0003	LF	1-1/8" Wide x 11-7/8" Deep, Oriented Strand Board (OSB) Rim Board	6.36	1.98	
06 17 43 00-0004	LF	1-1/8" Wide x 14" Deep, Oriented Strand Board (OSB) Rim Board	6.96	2.01	
06 17 53	Shop-Fabricated Wood Trusses (06 17)				
	Note: Includes temporary and permanent bracing, and fastening with truss tie-downs.				
06 17 53 00-0001	Pre-Assembled Wood Roof Trusses (06 17 53)				
	Note: For King Post, Queen Post, Fink or Howe types. Includes 2" x 4" top and bottom chords up to 42' and with 2" x 6" top and bottom chords >42'.				
06 17 53 00-0002	EA	10' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	185.83	75.07	
		For Up To 15, Add	2.68		
		For >35, Deduct	-1.78		
		For 3 In 12 Slope, Add	1.07		
		For 5 In 12 Slope, Add	2.86		
		For 6 In 12 Slope, Add	5.35		
		For 7 In 12 Slope, Add	7.14		
		For 8 In 12 Slope, Add	8.57		
06 17 53 00-0003	EA	12' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	206.12	82.23	
		For Up To 15, Add	3.13		
		For >35, Deduct	-2.08		
		For 3 In 12 Slope, Add	1.25		
		For 5 In 12 Slope, Add	3.33		
		For 6 In 12 Slope, Add	6.25		
		For 7 In 12 Slope, Add	8.34		
		For 8 In 12 Slope, Add	10.00		
06 17 53 00-0004	EA	14' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	228.90	89.37	
		For Up To 15, Add	3.76		
		For >35, Deduct	-2.51		
		For 3 In 12 Slope, Add	1.50		
		For 5 In 12 Slope, Add	4.01		
		For 6 In 12 Slope, Add	7.52		
		For 7 In 12 Slope, Add	10.03		
		For 8 In 12 Slope, Add	12.04		
06 17 53 00-0005	EA	16' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	258.22	96.52	
		For Up To 15, Add	4.89		
		For >35, Deduct	-3.26		
		For 3 In 12 Slope, Add	1.96		
		For 5 In 12 Slope, Add	5.21		
		For 6 In 12 Slope, Add	9.78		
		For 7 In 12 Slope, Add	13.04		
		For 8 In 12 Slope, Add	15.64		
06 17 53 00-0006	EA	18' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	283.78	103.67	
		For Up To 15, Add	5.73		
		For >35, Deduct	-3.82		
		For 3 In 12 Slope, Add	2.29		
		For 5 In 12 Slope, Add	6.12		
		For 6 In 12 Slope, Add	11.47		
		For 7 In 12 Slope, Add	15.29		
		For 8 In 12 Slope, Add	18.35		
06 17 53 00-0007	EA	20' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	300.16	114.39	
		For Up To 15, Add	5.35		
		For >35, Deduct	-3.57		
		For 3 In 12 Slope, Add	2.14		
		For 5 In 12 Slope, Add	5.71		
		For 6 In 12 Slope, Add	10.71		
		For 7 In 12 Slope, Add	14.27		
		For 8 In 12 Slope, Add	17.13		

06 Wood, Plastics, and Composites**06 10 Rough Carpentry****06 17 Shop-Fabricated Structural Wood**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 17 53 00-0008	EA		22' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	316.54	182.32
			For Up To 15, Add	5.51	
			For >35, Deduct	-3.67	
			For 3 In 12 Slope, Add	2.20	
			For 5 In 12 Slope, Add	5.88	
			For 6 In 12 Slope, Add	11.02	
			For 7 In 12 Slope, Add	14.69	
			For 8 In 12 Slope, Add	17.63	
06 17 53 00-0009	EA		24' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	337.07	128.69
			For Up To 15, Add	5.98	
			For >35, Deduct	-3.98	
			For 3 In 12 Slope, Add	2.39	
			For 5 In 12 Slope, Add	6.37	
			For 6 In 12 Slope, Add	11.95	
			For 7 In 12 Slope, Add	15.94	
			For 8 In 12 Slope, Add	19.12	
06 17 53 00-0010	EA		26' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	358.27	203.76
			For Up To 15, Add	6.49	
			For >35, Deduct	-4.33	
			For 3 In 12 Slope, Add	2.60	
			For 5 In 12 Slope, Add	6.93	
			For 6 In 12 Slope, Add	12.99	
			For 7 In 12 Slope, Add	17.32	
			For 8 In 12 Slope, Add	20.78	
06 17 53 00-0011	EA		28' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	380.37	142.99
			For Up To 15, Add	7.08	
			For >35, Deduct	-4.72	
			For 3 In 12 Slope, Add	2.83	
			For 5 In 12 Slope, Add	7.55	
			For 6 In 12 Slope, Add	14.16	
			For 7 In 12 Slope, Add	18.88	
			For 8 In 12 Slope, Add	22.65	
06 17 53 00-0012	EA		30' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	397.66	225.21
			For Up To 15, Add	7.30	
			For >35, Deduct	-4.87	
			For 3 In 12 Slope, Add	2.92	
			For 5 In 12 Slope, Add	7.79	
			For 6 In 12 Slope, Add	14.61	
			For 7 In 12 Slope, Add	19.48	
			For 8 In 12 Slope, Add	23.37	
06 17 53 00-0013	EA		32' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	414.55	153.71
			For Up To 15, Add	8.03	
			For >35, Deduct	-5.36	
			For 3 In 12 Slope, Add	3.21	
			For 5 In 12 Slope, Add	8.57	
			For 6 In 12 Slope, Add	16.07	
			For 7 In 12 Slope, Add	21.42	
			For 8 In 12 Slope, Add	25.71	
06 17 53 00-0014	EA		34' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	450.17	241.37
			For Up To 15, Add	9.63	
			For >35, Deduct	-6.42	
			For 3 In 12 Slope, Add	3.85	
			For 5 In 12 Slope, Add	10.27	
			For 6 In 12 Slope, Add	19.26	
			For 7 In 12 Slope, Add	25.69	
			For 8 In 12 Slope, Add	30.82	
06 17 53 00-0015	EA		36' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	467.42	164.44
			For Up To 15, Add	10.39	
			For >35, Deduct	-6.93	
			For 3 In 12 Slope, Add	4.16	
			For 5 In 12 Slope, Add	11.08	
			For 6 In 12 Slope, Add	20.78	
			For 7 In 12 Slope, Add	27.71	
			For 8 In 12 Slope, Add	33.25	
06 17 53 00-0016	EA		38' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	491.19	257.39
			For Up To 15, Add	11.10	
			For >35, Deduct	-7.40	
			For 3 In 12 Slope, Add	4.44	
			For 5 In 12 Slope, Add	11.84	
			For 6 In 12 Slope, Add	22.20	
			For 7 In 12 Slope, Add	29.60	
			For 8 In 12 Slope, Add	35.52	
06 17 53 00-0017	EA		40' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	508.66	178.74
			For Up To 15, Add	11.34	
			For >35, Deduct	-7.56	
			For 3 In 12 Slope, Add	4.54	
			For 5 In 12 Slope, Add	12.09	
			For 6 In 12 Slope, Add	22.68	
			For 7 In 12 Slope, Add	30.23	
			For 8 In 12 Slope, Add	36.28	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 17 53 00-0018	EA		42' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	554.91	278.83
			For Up To 15, Add	13.73	
			For >35, Deduct	-9.16	
			For 3 In 12 Slope, Add	5.49	
			For 5 In 12 Slope, Add	14.65	
			For 6 In 12 Slope, Add	27.47	
			For 7 In 12 Slope, Add	36.63	
			For 8 In 12 Slope, Add	43.95	
06 17 53 00-0019	EA		44' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	600.31	193.04
			For Up To 15, Add	16.07	
			For >35, Deduct	-10.71	
			For 3 In 12 Slope, Add	6.43	
			For 5 In 12 Slope, Add	17.14	
			For 6 In 12 Slope, Add	32.13	
			For 7 In 12 Slope, Add	42.85	
			For 8 In 12 Slope, Add	51.42	
06 17 53 00-0020	EA		46' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	621.51	200.19
			For Up To 15, Add	16.58	
			For >35, Deduct	-11.06	
			For 3 In 12 Slope, Add	6.63	
			For 5 In 12 Slope, Add	17.69	
			For 6 In 12 Slope, Add	33.17	
			For 7 In 12 Slope, Add	44.23	
			For 8 In 12 Slope, Add	53.07	
06 17 53 00-0021	EA		48' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	651.06	207.34
			For Up To 15, Add	17.73	
			For >35, Deduct	-11.82	
			For 3 In 12 Slope, Add	7.09	
			For 5 In 12 Slope, Add	18.91	
			For 6 In 12 Slope, Add	35.46	
			For 7 In 12 Slope, Add	47.28	
			For 8 In 12 Slope, Add	56.73	
06 17 53 00-0022	EA		50' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	731.55	214.49
			For Up To 15, Add	22.69	
			For >35, Deduct	-15.13	
			For 3 In 12 Slope, Add	9.08	
			For 5 In 12 Slope, Add	24.21	
			For 6 In 12 Slope, Add	45.39	
			For 7 In 12 Slope, Add	60.52	
			For 8 In 12 Slope, Add	72.62	
06 17 53 00-0023	EA		52' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	699.60	192.89
			For Up To 15, Add	20.30	
			For >35, Deduct	-13.53	
			For 3 In 12 Slope, Add	8.12	
			For 5 In 12 Slope, Add	21.65	
			For 6 In 12 Slope, Add	40.59	
			For 7 In 12 Slope, Add	54.13	
			For 8 In 12 Slope, Add	64.95	
06 17 53 00-0024	EA		54' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	734.13	225.21
			For Up To 15, Add	21.28	
			For >35, Deduct	-14.19	
			For 3 In 12 Slope, Add	8.51	
			For 5 In 12 Slope, Add	22.70	
			For 6 In 12 Slope, Add	42.56	
			For 7 In 12 Slope, Add	56.74	
			For 8 In 12 Slope, Add	68.09	
06 17 53 00-0025	EA		56' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	762.36	208.77
			For Up To 15, Add	22.32	
			For >35, Deduct	-14.88	
			For 3 In 12 Slope, Add	8.93	
			For 5 In 12 Slope, Add	23.81	
			For 6 In 12 Slope, Add	44.65	
			For 7 In 12 Slope, Add	59.53	
			For 8 In 12 Slope, Add	71.43	
06 17 53 00-0026	EA		58' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	786.05	235.94
			For Up To 15, Add	23.56	
			For >35, Deduct	-15.71	
			For 3 In 12 Slope, Add	9.43	
			For 5 In 12 Slope, Add	25.13	
			For 6 In 12 Slope, Add	47.13	
			For 7 In 12 Slope, Add	62.83	
			For 8 In 12 Slope, Add	75.40	
06 17 53 00-0027	EA		60' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	801.70	239.51
			For Up To 15, Add	24.20	
			For >35, Deduct	-16.13	
			For 3 In 12 Slope, Add	9.68	
			For 5 In 12 Slope, Add	25.81	
			For 6 In 12 Slope, Add	48.40	
			For 7 In 12 Slope, Add	64.54	
			For 8 In 12 Slope, Add	77.44	

06 17 53 00-0028 Pre-Assembled Wood Gable End Roof Trusses (06 17 53)
Note: 24" on center gable studs. Includes 2" x 4" top and bottom chords up to 42' and with 2" x 6" top and bottom chords >42'.

06 Wood, Plastics, and Composites**06 10 Rough Carpentry****06 17 Shop-Fabricated Structural Wood**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 17 53 00-0029	EA		10' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	190.37	75.07
			For 3 In 12 Slope, Add	1.21	
			For 5 In 12 Slope, Add	3.22	
			For 6 In 12 Slope, Add	6.03	
			For 7 In 12 Slope, Add	8.05	
			For 8 In 12 Slope, Add	9.66	
			For 16" On Center Gable Studs, Add	8.05	
06 17 53 00-0030	EA		12' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	211.42	82.23
			For 3 In 12 Slope, Add	1.41	
			For 5 In 12 Slope, Add	3.76	
			For 6 In 12 Slope, Add	7.05	
			For 7 In 12 Slope, Add	9.40	
			For 8 In 12 Slope, Add	11.28	
			For 16" On Center Gable Studs, Add	9.40	
06 17 53 00-0031	EA		14' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	235.28	89.37
			For 3 In 12 Slope, Add	1.70	
			For 5 In 12 Slope, Add	4.52	
			For 6 In 12 Slope, Add	8.48	
			For 7 In 12 Slope, Add	11.31	
			For 8 In 12 Slope, Add	13.57	
			For 16" On Center Gable Studs, Add	11.31	
06 17 53 00-0032	EA		16' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	266.51	96.52
			For 3 In 12 Slope, Add	2.20	
			For 5 In 12 Slope, Add	5.88	
			For 6 In 12 Slope, Add	11.02	
			For 7 In 12 Slope, Add	14.69	
			For 8 In 12 Slope, Add	17.63	
			For 16" On Center Gable Studs, Add	14.69	
06 17 53 00-0033	EA		18' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	293.50	103.67
			For 3 In 12 Slope, Add	2.58	
			For 5 In 12 Slope, Add	6.89	
			For 6 In 12 Slope, Add	12.92	
			For 7 In 12 Slope, Add	17.23	
			For 8 In 12 Slope, Add	20.68	
			For 16" On Center Gable Studs, Add	17.23	
06 17 53 00-0034	EA		20' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	319.45	114.39
			For 3 In 12 Slope, Add	2.72	
			For 5 In 12 Slope, Add	7.25	
			For 6 In 12 Slope, Add	13.60	
			For 7 In 12 Slope, Add	18.13	
			For 8 In 12 Slope, Add	21.76	
			For 16" On Center Gable Studs, Add	18.13	
06 17 53 00-0035	EA		22' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	336.39	121.55
			For 3 In 12 Slope, Add	2.80	
			For 5 In 12 Slope, Add	7.46	
			For 6 In 12 Slope, Add	14.00	
			For 7 In 12 Slope, Add	18.66	
			For 8 In 12 Slope, Add	22.39	
			For 16" On Center Gable Studs, Add	18.66	
06 17 53 00-0036	EA		24' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	358.59	128.69
			For 3 In 12 Slope, Add	3.04	
			For 5 In 12 Slope, Add	8.10	
			For 6 In 12 Slope, Add	15.18	
			For 7 In 12 Slope, Add	20.24	
			For 8 In 12 Slope, Add	24.29	
			For 16" On Center Gable Studs, Add	20.24	
06 17 53 00-0037	EA		26' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	381.65	135.84
			For 3 In 12 Slope, Add	3.30	
			For 5 In 12 Slope, Add	8.80	
			For 6 In 12 Slope, Add	16.49	
			For 7 In 12 Slope, Add	21.99	
			For 8 In 12 Slope, Add	26.39	
			For 16" On Center Gable Studs, Add	21.99	
06 17 53 00-0038	EA		28' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	405.87	142.99
			For 3 In 12 Slope, Add	3.60	
			For 5 In 12 Slope, Add	9.59	
			For 6 In 12 Slope, Add	17.98	
			For 7 In 12 Slope, Add	23.98	
			For 8 In 12 Slope, Add	28.77	
			For 16" On Center Gable Studs, Add	23.98	
06 17 53 00-0039	EA		30' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	425.02	150.14
			For 3 In 12 Slope, Add	3.74	
			For 5 In 12 Slope, Add	9.98	
			For 6 In 12 Slope, Add	18.71	
			For 7 In 12 Slope, Add	24.95	
			For 8 In 12 Slope, Add	29.94	
			For 16" On Center Gable Studs, Add	24.95	
06 17 53 00-0040	EA		32' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	444.65	153.71
			For 3 In 12 Slope, Add	4.12	
			For 5 In 12 Slope, Add	10.98	
			For 6 In 12 Slope, Add	20.58	
			For 7 In 12 Slope, Add	27.44	
			For 8 In 12 Slope, Add	32.93	
			For 16" On Center Gable Studs, Add	27.44	



Wood, Plastics, and Composites			06	06
Rough Carpentry			06 10	
Shop-Fabricated Structural Wood			06 17	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 17 53 00-0041	EA	34'	Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	486.25	160.87
			For 3 In 12 Slope, Add	4.94	
			For 5 In 12 Slope, Add	13.16	
			For 6 In 12 Slope, Add	24.68	
			For 7 In 12 Slope, Add	32.90	
			For 8 In 12 Slope, Add	39.48	
			For 16" On Center Gable Studs, Add	32.90	
06 17 53 00-0042	EA	36'	Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	506.36	164.44
			For 3 In 12 Slope, Add	5.32	
			For 5 In 12 Slope, Add	14.20	
			For 6 In 12 Slope, Add	26.62	
			For 7 In 12 Slope, Add	35.50	
			For 8 In 12 Slope, Add	42.60	
			For 16" On Center Gable Studs, Add	35.50	
06 17 53 00-0043	EA	38'	Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	532.78	171.59
			For 3 In 12 Slope, Add	5.69	
			For 5 In 12 Slope, Add	15.17	
			For 6 In 12 Slope, Add	28.44	
			For 7 In 12 Slope, Add	37.92	
			For 8 In 12 Slope, Add	45.50	
			For 16" On Center Gable Studs, Add	37.92	
06 17 53 00-0044	EA	40'	Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	563.34	178.74
			For 3 In 12 Slope, Add	6.18	
			For 5 In 12 Slope, Add	16.47	
			For 6 In 12 Slope, Add	30.88	
			For 7 In 12 Slope, Add	41.17	
			For 8 In 12 Slope, Add	49.40	
			For 16" On Center Gable Studs, Add	41.17	
06 17 53 00-0045	EA	42'	Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	621.16	185.89
			For 3 In 12 Slope, Add	7.48	
			For 5 In 12 Slope, Add	19.95	
			For 6 In 12 Slope, Add	37.41	
			For 7 In 12 Slope, Add	49.88	
			For 8 In 12 Slope, Add	59.85	
			For 16" On Center Gable Studs, Add	49.88	
06 17 53 00-0046	EA	44'	Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	677.80	193.04
			For 3 In 12 Slope, Add	8.75	
			For 5 In 12 Slope, Add	23.34	
			For 6 In 12 Slope, Add	43.76	
			For 7 In 12 Slope, Add	58.34	
			For 8 In 12 Slope, Add	70.01	
			For 16" On Center Gable Studs, Add	58.34	
06 17 53 00-0047	EA	46'	Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	701.50	200.19
			For 3 In 12 Slope, Add	9.03	
			For 5 In 12 Slope, Add	24.09	
			For 6 In 12 Slope, Add	45.17	
			For 7 In 12 Slope, Add	60.22	
			For 8 In 12 Slope, Add	72.27	
			For 16" On Center Gable Studs, Add	60.22	
06 17 53 00-0048	EA	48'	Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	736.56	207.34
			For 3 In 12 Slope, Add	9.66	
			For 5 In 12 Slope, Add	25.75	
			For 6 In 12 Slope, Add	48.28	
			For 7 In 12 Slope, Add	64.38	
			For 8 In 12 Slope, Add	77.25	
			For 16" On Center Gable Studs, Add	64.38	
06 17 53 00-0049	EA	50'	Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	798.32	214.49
			For 3 In 12 Slope, Add	11.08	
			For 5 In 12 Slope, Add	29.55	
			For 6 In 12 Slope, Add	55.40	
			For 7 In 12 Slope, Add	73.87	
			For 8 In 12 Slope, Add	88.64	
			For 16" On Center Gable Studs, Add	73.87	
06 17 53 00-0050	EA	52'	Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	817.55	221.64
			For 3 In 12 Slope, Add	11.23	
			For 5 In 12 Slope, Add	29.94	
			For 6 In 12 Slope, Add	56.14	
			For 7 In 12 Slope, Add	74.85	
			For 8 In 12 Slope, Add	89.82	
			For 16" On Center Gable Studs, Add	74.85	
06 17 53 00-0051	EA	54'	Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	842.79	225.21
			For 3 In 12 Slope, Add	11.77	
			For 5 In 12 Slope, Add	31.39	
			For 6 In 12 Slope, Add	58.85	
			For 7 In 12 Slope, Add	78.47	
			For 8 In 12 Slope, Add	94.17	
			For 16" On Center Gable Studs, Add	78.47	
06 17 53 00-0052	EA	56'	Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	876.35	232.37
			For 3 In 12 Slope, Add	12.35	
			For 5 In 12 Slope, Add	32.93	
			For 6 In 12 Slope, Add	61.74	
			For 7 In 12 Slope, Add	82.33	
			For 8 In 12 Slope, Add	98.79	
			For 16" On Center Gable Studs, Add	82.33	

06 Wood, Plastics, and Composites**06 10 Rough Carpentry****06 17 Shop-Fabricated Structural Wood**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

06 17 53 00-0053	EA	58' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	906.36	235.94
		For 3 In 12 Slope, Add	13.03	
		For 5 In 12 Slope, Add	34.76	
		For 6 In 12 Slope, Add	65.17	
		For 7 In 12 Slope, Add	86.90	
		For 8 In 12 Slope, Add	104.28	
		For 16" On Center Gable Studs, Add	86.90	
06 17 53 00-0054	EA	60' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	925.28	239.51
		For 3 In 12 Slope, Add	13.39	
		For 5 In 12 Slope, Add	35.70	
		For 6 In 12 Slope, Add	66.94	
		For 7 In 12 Slope, Add	89.25	
		For 8 In 12 Slope, Add	107.10	
		For 16" On Center Gable Studs, Add	89.25	

06 18 Glued-Laminated Construction (06 10)**06 18 13 Glued-Laminated Beams** (06 18)**06 18 13 00-0001 Glue Laminated Straight Beams** (06 18 13)

Note: Based on southern yellow pine or hemlock lumber with waterproof glue and factor applied sealer.

06 18 13 00-0002	LF	3-1/2" x 6" Glue Laminated Straight Beam	9.13	3.04
06 18 13 00-0003	LF	3-1/2" x 7-1/2" Glue Laminated Straight Beam	11.41	3.78
06 18 13 00-0004	LF	3-1/2" x 9" Glue Laminated Straight Beam	13.69	4.54
06 18 13 00-0005	LF	3-1/2" x 9-1/2" Glue Laminated Straight Beam	14.45	4.81
06 18 13 00-0006	LF	3-1/2" x 10-1/2" Glue Laminated Straight Beam	15.96	5.30
06 18 13 00-0007	LF	3-1/2" x 12" Glue Laminated Straight Beam	18.25	6.06
06 18 13 00-0008	LF	3-1/2" x 13-1/2" Glue Laminated Straight Beam	20.54	6.82
06 18 13 00-0009	LF	3-1/2" x 14" Glue Laminated Straight Beam	21.30	7.07
06 18 13 00-0010	LF	3-1/2" x 15" Glue Laminated Straight Beam	22.82	7.58
06 18 13 00-0011	LF	3-1/2" x 16" Glue Laminated Straight Beam	24.33	8.09
06 18 13 00-0012	LF	3-1/2" x 16-1/2" Glue Laminated Straight Beam	25.09	8.35
06 18 13 00-0013	LF	3-1/2" x 18" Glue Laminated Straight Beam	27.37	9.11
06 18 13 00-0014	LF	3-1/2" x 19-1/2" Glue Laminated Straight Beam	29.66	9.87
06 18 13 00-0015	LF	3-1/2" x 21" Glue Laminated Straight Beam	31.93	10.62
06 18 13 00-0016	LF	3-1/2" x 22.5" Glue Laminated Straight Beam	34.23	11.37
06 18 13 00-0017	LF	5-1/2" x 6" Glue Laminated Straight Beam	14.35	4.76
06 18 13 00-0018	LF	5-1/2" x 7-1/2" Glue Laminated Straight Beam	17.92	5.97
06 18 13 00-0019	LF	5-1/2" x 9" Glue Laminated Straight Beam	21.50	7.15
06 18 13 00-0020	LF	5-1/2" x 9-1/2" Glue Laminated Straight Beam	22.70	7.55
06 18 13 00-0021	LF	5-1/2" x 10-1/2" Glue Laminated Straight Beam	25.09	8.35
06 18 13 00-0022	LF	5-1/2" x 12" Glue Laminated Straight Beam	28.68	9.53
06 18 13 00-0023	LF	5-1/2" x 13-1/2" Glue Laminated Straight Beam	32.27	10.73
06 18 13 00-0024	LF	5-1/2" x 14" Glue Laminated Straight Beam	33.46	11.12
06 18 13 00-0025	LF	5-1/2" x 15" Glue Laminated Straight Beam	35.85	11.91
06 18 13 00-0026	LF	5-1/2" x 16" Glue Laminated Straight Beam	38.23	12.71
06 18 13 00-0027	LF	5-1/2" x 16-1/2" Glue Laminated Straight Beam	39.44	13.11
06 18 13 00-0028	LF	5-1/2" x 18" Glue Laminated Straight Beam	43.02	14.29
06 18 13 00-0029	LF	5-1/2" x 19-1/2" Glue Laminated Straight Beam	46.61	15.50
06 18 13 00-0030	LF	5-1/2" x 21" Glue Laminated Straight Beam	50.20	16.68
06 18 13 00-0031	LF	5-1/2" x 22.5" Glue Laminated Straight Beam	53.77	17.88
06 18 13 00-0032	LF	5-1/2" x 24" Glue Laminated Straight Beam	57.36	19.07
06 18 13 00-0033	LF	6-3/4" x 9" Glue Laminated Straight Beam	26.40	8.77
06 18 13 00-0034	LF	6-3/4" x 9-1/2" Glue Laminated Straight Beam	27.86	9.27
06 18 13 00-0035	LF	6-3/4" x 10-1/2" Glue Laminated Straight Beam	30.80	10.25
06 18 13 00-0036	LF	6-3/4" x 12" Glue Laminated Straight Beam	35.20	11.69
06 18 13 00-0037	LF	6-3/4" x 13-1/2" Glue Laminated Straight Beam	39.61	13.17
06 18 13 00-0038	LF	6-3/4" x 14" Glue Laminated Straight Beam	41.07	13.65
06 18 13 00-0039	LF	6-3/4" x 15" Glue Laminated Straight Beam	43.99	14.63
06 18 13 00-0040	LF	6-3/4" x 16" Glue Laminated Straight Beam	46.93	15.59
06 18 13 00-0041	LF	6-3/4" x 16-1/2" Glue Laminated Straight Beam	48.40	16.09
06 18 13 00-0042	LF	6-3/4" x 18" Glue Laminated Straight Beam	52.80	17.55
06 18 13 00-0043	LF	6-3/4" x 19-1/2" Glue Laminated Straight Beam	57.19	19.02
06 18 13 00-0044	LF	6-3/4" x 21" Glue Laminated Straight Beam	61.60	20.47
06 18 13 00-0045	LF	6-3/4" x 22.5" Glue Laminated Straight Beam	65.99	21.94
06 18 13 00-0046	LF	6-3/4" x 24" Glue Laminated Straight Beam	70.39	23.40
06 18 13 00-0047	LF	8-3/4" x 9" Glue Laminated Straight Beam	34.23	11.37
06 18 13 00-0048	LF	8-3/4" x 9-1/2" Glue Laminated Straight Beam	36.12	12.00
06 18 13 00-0049	LF	8-3/4" x 10-1/2" Glue Laminated Straight Beam	39.92	13.27
06 18 13 00-0050	LF	8-3/4" x 12" Glue Laminated Straight Beam	45.62	15.17
06 18 13 00-0051	LF	8-3/4" x 13-1/2" Glue Laminated Straight Beam	51.33	17.06
06 18 13 00-0052	LF	8-3/4" x 14" Glue Laminated Straight Beam	53.23	17.70
06 18 13 00-0053	LF	8-3/4" x 15" Glue Laminated Straight Beam	57.03	18.95
06 18 13 00-0054	LF	8-3/4" x 16" Glue Laminated Straight Beam	60.83	20.23
06 18 13 00-0055	LF	8-3/4" x 16-1/2" Glue Laminated Straight Beam	62.74	20.85
06 18 13 00-0056	LF	8-3/4" x 18" Glue Laminated Straight Beam	68.44	22.74
06 18 13 00-0057	LF	8-3/4" x 19-1/2" Glue Laminated Straight Beam	74.15	24.63
06 18 13 00-0058	LF	8-3/4" x 21" Glue Laminated Straight Beam	79.85	26.54
06 18 13 00-0059	LF	8-3/4" x 22.5" Glue Laminated Straight Beam	85.55	28.44
06 18 13 00-0060	LF	8-3/4" x 24" Glue Laminated Straight Beam	91.25	30.33



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 18 13 00-0061			Glue Laminated Decking (06 18 13)		
06 18 13 00-0062	LF		2" - 4" Thick x 4" Wide Glue Laminated Decking	4.62	1.87
06 18 13 00-0063	LF		2" - 4" Thick x 6" Wide Glue Laminated Decking	4.77	1.87
06 18 13 00-0064	LF		2" - 4" Thick x 8" Wide Glue Laminated Decking	4.90	1.76
06 18 16			Glued-Laminated Columns (06 18)		
06 18 16 00-0001			Glue Laminated Structural Units (06 18 16)		
			Note: Based on southern yellow pine or hemlock lumber in 2" laminations with waterproof glue and factor applied sealer.		
06 18 16 00-0002	LF		3-1/4" x 7-1/2" Glue Laminated Purlin Or Column	13.41	3.82
06 18 16 00-0003	LF		3-1/4" x 9-1/4" Glue Laminated Purlin Or Column	15.11	4.25
06 18 16 00-0004	LF		5-1/4" x 9-1/4" Glue Laminated Purlin Or Column	28.54	9.07
06 18 16 00-0005	LF		5-1/4" x 13" Glue Laminated Purlin Or Column.....	31.30	9.51
06 20			Finish Carpentry (06)		
06 22			Millwork (06 20)		
06 22 13			Standard Pattern Wood Trim (06 22)		
06 22 13 00-0001			Pine Moldings (All Dimensions Are Nominal) (06 22 13)		
06 22 13 00-0002	LF		1/4" x 1-1/4" Wood Lattice Strip.....	3.25	1.09
			For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.40	
06 22 13 00-0003	LF		1/4" x 1-5/8" Wood Lattice Strip.....	3.42	0.87
			For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.40	
06 22 13 00-0004	LF		1/4" x 2-1/2" Wood Lattice Strip.....	4.40	0.87
			For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.40	
06 22 13 00-0005	LF		1/4" x 3-1/2" Wood Lattice Strip.....	4.97	0.87
			For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.40	
06 22 13 00-0006			Ceilings (All Dimensions Are Nominal) (06 22 13)		
06 22 13 00-0007			White Pine (06 22 13 00-0006)		
06 22 13 00-0008	LF		9/16" x 3-5/8" White Pine Crown Or Bed Molding.....	15.64	3.80
			For Birch, Add	3.68	
			For Mahogany, Oak, Maple Or Walnut, Add	5.14	
			For Poplar, Add	2.04	
			For Curved Surfaces With A 2'-0" Maximum Radius, Add	1.25	
			For Stain Grade Material (No Finger Joints), Add	1.33	
06 22 13 00-0009	LF		11/16" x 4-5/8" White Pine Crown Or Bed Molding.....	21.07	4.55
			For Birch, Add	5.25	
			For Mahogany, Oak, Maple Or Walnut, Add	7.21	
			For Poplar, Add	2.91	
			For Curved Surfaces With A 2'-0" Maximum Radius, Add	1.50	
			For Stain Grade Material (No Finger Joints), Add	1.89	
06 22 13 00-0010	LF		3/4" x 3/4" White Pine Crown Or Bed Molding.....	7.38	2.61
			For Birch, Add	1.09	
			For Mahogany, Oak, Maple Or Walnut, Add	1.80	
			For Poplar, Add	0.61	
			For Curved Surfaces With A 2'-0" Maximum Radius, Add	1.00	
			For Stain Grade Material (No Finger Joints), Add	0.40	
06 22 13 00-0011	LF		9/16" x 1-5/8" White Pine Crown Or Bed Molding.....	8.48	2.61
			For Birch, Add	1.49	
			For Mahogany, Oak, Maple Or Walnut, Add	2.30	
			For Poplar, Add	0.83	
			For Curved Surfaces With A 2'-0" Maximum Radius, Add	1.00	
			For Stain Grade Material (No Finger Joints), Add	0.54	
06 22 13 00-0012	LF		9/16" x 2-1/4" White Pine Crown Or Bed Molding.....	11.17	3.25
			For Birch, Add	2.07	
			For Mahogany, Oak, Maple Or Walnut, Add	3.13	
			For Poplar, Add	1.15	
			For Curved Surfaces With A 2'-0" Maximum Radius, Add	1.25	
			For Stain Grade Material (No Finger Joints), Add	0.75	
06 22 13 00-0013	LF		3/4" x 3-1/2" White Pine Crown Or Bed Molding.....	13.00	3.25
			For Birch, Add	2.73	
			For Mahogany, Oak, Maple Or Walnut, Add	3.95	
			For Poplar, Add	1.51	
			For Curved Surfaces With A 2'-0" Maximum Radius, Add	1.25	
			For Stain Grade Material (No Finger Joints), Add	0.98	
06 22 13 00-0014	LF		5/8" x 4-1/4" White Pine Crown Or Bed Molding.....	16.17	3.91
			For Birch, Add	3.48	
			For Mahogany, Oak, Maple Or Walnut, Add	5.00	
			For Poplar, Add	1.93	
			For Curved Surfaces With A 2'-0" Maximum Radius, Add	1.50	
			For Stain Grade Material (No Finger Joints), Add	1.26	

06 Wood, Plastics, and Composites**06 20 Finish Carpentry****06 22 Millwork**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 22 13 00-0015	LF		1" x 2" White Pine Dentil Molding.....	7.67	3.04
			For Birch, Add	1.20	
			For Mahogany, Oak, Maple Or Walnut, Add	1.93	
			For Poplar, Add	0.67	
			For Curved Surfaces With A 2'-0" Maximum Radius, Add	1.00	
			For Stain Grade Material (No Finger Joints), Add	0.43	
06 22 13 00-0016	LF		9/16" x 1-3/4" White Pine Cove Molding	6.52	2.28
			For Birch, Add	1.18	
			For Mahogany, Oak, Maple Or Walnut, Add	1.80	
			For Poplar, Add	0.65	
			For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.75	
			For Stain Grade Material (No Finger Joints), Add	0.43	
06 22 13 00-0017	LF		11/16" x 2-3/4" White Pine Cove Molding	10.02	2.28
			For Birch, Add	2.44	
			For Mahogany, Oak, Maple Or Walnut, Add	3.37	
			For Poplar, Add	1.35	
			For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.75	
			For Stain Grade Material (No Finger Joints), Add	0.88	
06 22 13 00-0018	LF		3/8" x 3/8" White Pine Cove Molding	3.81	1.30
			For Birch, Add	0.56	
			For Mahogany, Oak, Maple Or Walnut, Add	0.92	
			For Poplar, Add	0.31	
			For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.52	
			For Stain Grade Material (No Finger Joints), Add	0.20	
06 22 13 00-0019	LF		1/2" x 1/2" White Pine Cove Molding	4.19	1.30
			For Birch, Add	0.69	
			For Mahogany, Oak, Maple Or Walnut, Add	1.09	
			For Poplar, Add	0.39	
			For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.52	
			For Stain Grade Material (No Finger Joints), Add	0.25	
06 22 13 00-0020	LF		5/8" x 5/8" White Pine Cove Molding	5.64	1.63
			For Birch, Add	1.05	
			For Mahogany, Oak, Maple Or Walnut, Add	1.59	
			For Poplar, Add	0.59	
			For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.62	
			For Stain Grade Material (No Finger Joints), Add	0.38	
06 22 13 00-0021	LF		3/4" x 3/4" White Pine Cove Molding	5.64	1.63
			For Birch, Add	1.05	
			For Mahogany, Oak, Maple Or Walnut, Add	1.59	
			For Poplar, Add	0.59	
			For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.62	
			For Stain Grade Material (No Finger Joints), Add	0.38	
06 22 13 00-0022	LF		15/16" x 15/16" White Pine Cove Molding	7.40	1.63
			For Birch, Add	1.69	
			For Mahogany, Oak, Maple Or Walnut, Add	2.38	
			For Poplar, Add	0.94	
			For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.62	
			For Stain Grade Material (No Finger Joints), Add	0.61	
06 22 13 00-0023	LF		7-1/2" Wide White Pine Mullion Covers	49.97	1.95
			For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.89	
06 22 13 00-0024	LF		Three Piece White Pine Mullion Trim, 2 Cove Moldings	63.39	1.95
			For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.89	
06 22 13 00-0025			Cedar Trim (06 22 13 00-0006)		
06 22 13 00-0026	LF		2" x 4" Cedar Ceiling Trim.....	12.86	5.47
			For Curved Surfaces With A 2'-0" Maximum Radius, Add	1.81	
06 22 13 00-0027			Oak Trim (06 22 13 00-0006)		
06 22 13 00-0028	LF		1" x 8" Clear Oak Ceiling Trim	13.48	5.04
			For Curved Surfaces With A 2'-0" Maximum Radius, Add	1.68	
06 22 13 00-0029			Closet Poles (06 22 13)		
06 22 13 00-0030	LF		1-1/8" Diameter Pine Closet Poles.....	11.32	2.82
06 22 13 00-0031	LF		1-5/8" Diameter Pine Closet Poles.....	13.94	2.82
06 22 13 00-0032	LF		2" Diameter Pine Closet Poles.....	19.33	3.14
06 25			Prefinished Paneling (06 20)		
06 25 16			Prefinished Plywood Paneling (06 25)		
06 25 16 00-0001			Hardboard Panels (06 25 16)		
			Note: Excludes furring and trim.		
06 25 16 00-0002			Tempered Hardboard Panels (06 25 16 00-0001)		



Wood, Plastics, and Composites			06	06
Finish Carpentry			06 20	
Prefinished Paneling			06 25	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 25 16 00-0003	SF		1/4" Tempered Hardboard Panels	5.58	1.97
			For Waterproof Glue, Add	0.08	
			For Ceiling Installation, Add	1.34	
			For Glue Laminated Installation, Add	0.28	
			For 1/8" Thick Paneling, Deduct	-0.50	
			For 1/2" Thick Paneling, Add	1.14	
			For 5/8" Thick Paneling, Add	1.37	
			For 3/4" Thick Paneling, Add	1.67	
			For Fire Retardant Treatment (Class I), Add	0.88	
06 25 16 00-0004	SF		1/4" Plastic Faced Tempered Hardboard Panels	6.26	2.41
			For Waterproof Glue, Add	0.07	
			For Ceiling Installation, Add	1.58	
			For Glue Laminated Installation, Add	0.31	
			For 1/8" Thick Paneling, Deduct	-0.54	
			For 1/2" Thick Paneling, Add	1.18	
			For 5/8" Thick Paneling, Add	1.39	
			For 3/4" Thick Paneling, Add	1.66	
			For Fire Retardant Treatment (Class I), Add	0.80	
06 25 16 00-0005	SF		1/4" Pegboard Tempered Hardboard Panels	6.33	1.97
			For Waterproof Glue, Add	0.13	
			For Ceiling Installation, Add	1.34	
			For Glue Laminated Installation, Add	0.32	
			For 1/8" Thick Paneling, Deduct	-0.62	
			For 1/2" Thick Paneling, Add	1.54	
			For 5/8" Thick Paneling, Add	1.93	
			For 3/4" Thick Paneling, Add	2.43	
			For Fire Retardant Treatment (Class I), Add	1.47	
06 25 16 00-0006	SF		1/4" Plastic Faced Pegboard Tempered Hardboard	6.49	2.41
			For Waterproof Glue, Add	0.09	
			For Ceiling Installation, Add	1.58	
			For Glue Laminated Installation, Add	0.32	
			For 1/8" Thick Paneling, Deduct	-0.57	
			For 1/2" Thick Paneling, Add	1.30	
			For 5/8" Thick Paneling, Add	1.56	
			For 3/4" Thick Paneling, Add	1.89	
			For Fire Retardant Treatment (Class I), Add	0.98	
06 25 16 00-0007			Untempered Hardboard Panels (06 25 16 00-0001)		
06 25 16 00-0008	SF		1/4" Untempered Hardboard Panels	5.34	1.97
			For Waterproof Glue, Add	0.06	
			For Glue Laminated Installation, Add	0.27	
			For Lumber Core, Add	0.10	
			For Fire Retardant Treatment (Class I), Add	0.69	

06 40 Architectural Woodwork (06)

06 41 Architectural Wood Casework (06 40)

06 41 13 Wood-Veneer-Faced Architectural Cabinets (06 41)

06 41 13 00-0001 Removal And Reinstallation Of Cabinet Or Counters (06 41 13)

Note: Includes storage, cleaning and supply materials. Any height or width.

06 41 13 00-0002	LF	Removal And Reinstallation Of Wood Base Cabinets	83.01	
06 41 13 00-0003	LF	Removal And Reinstallation Of Wall Cabinets	72.18	
06 41 13 00-0004	LF	Removal And Reinstallation Of Plastic Laminated Countertops	17.21	

06 41 13 00-0005 Wood-Veneer Faced Wall And Base Cabinets (06 41 13)

Note: Kitchen cabinets are constructed of 3/8" and 1/2" thick laminated particleboard with corner braces. Shelves are 3/4" laminated particleboard. The face frame is 3/4" x 1-1/2" solid wood. Hinges are 6 way adjustable, fully concealed steel. Drawers are 1/2" thick laminated particleboard boxes with 3/8" laminated particleboard bottoms. Drawer guides are side mounted, epoxy coated double rails. Excludes door or drawer pull hardware.

06 41 13 00-0006 Solid Maple Face Frame And Door, Wall And Base Cabinets (06 41 13 00-0005)

06 41 13 00-0007 Base Cabinets, 35" High, 23-3/4" Deep (06 41 13 00-0006)

06 41 13 00-0008	EA	12" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet	389.64	21.70
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	116.77	
		For All Plywood Box Construction, Add	121.72	
06 41 13 00-0009	EA	15" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet	414.73	27.12
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	116.77	
		For All Plywood Box Construction, Add	121.72	
06 41 13 00-0010	EA	18" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet	433.73	32.55
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	116.77	
		For All Plywood Box Construction, Add	121.72	
06 41 13 00-0011	EA	21" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet	456.48	37.98
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	116.77	
		For All Plywood Box Construction, Add	121.72	

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 41 Architectural Wood Casework**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0012	EA		24" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet.....	520.19	43.40
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	116.77	
			For All Plywood Box Construction, Add	121.72	
06 41 13 00-0013	EA		27" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet.....	544.01	48.83
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	116.77	
			For All Plywood Box Construction, Add	121.72	
06 41 13 00-0014	EA		30" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet.....	588.77	54.25
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	116.77	
			For All Plywood Box Construction, Add	121.72	
06 41 13 00-0015	EA		33" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet.....	620.41	59.67
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	116.77	
			For All Plywood Box Construction, Add	121.72	
06 41 13 00-0016	EA		36" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet.....	639.69	65.10
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	116.77	
			For All Plywood Box Construction, Add	121.72	
06 41 13 00-0017	EA		48" Wide, 35" High x 23-3/4" Deep, Double Drawer and Double Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet.....	730.14	86.81
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	233.54	
			For All Plywood Box Construction, Add	121.72	
06 41 13 00-0018	EA		30" Wide, 35" High x 23-3/4" Deep, Double Drawer with False Panel Drawer Front, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	810.44	54.25
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	233.54	
			For All Plywood Box Construction, Add	121.72	
06 41 13 00-0019	EA		36" Wide, 35" High x 23-3/4" Deep, Double Drawer with False Panel Drawer Front, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	899.95	65.10
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	233.54	
			For All Plywood Box Construction, Add	121.72	
06 41 13 00-0020	EA		30" Wide, 35" High x 23-3/4" Deep, Triple Drawer with False Panel Drawer Front, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	851.01	54.25
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	350.31	
			For All Plywood Box Construction, Add	121.72	
06 41 13 00-0021	EA		36" Wide, 35" High x 23-3/4" Deep, Triple Drawer with False Panel Drawer Front, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	950.42	65.10
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	350.31	
			For All Plywood Box Construction, Add	121.72	
06 41 13 00-0022	EA		12" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	395.58	21.70
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	350.31	
			For All Plywood Box Construction, Add	121.72	
06 41 13 00-0023	EA		15" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	404.84	27.12
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	350.31	
			For All Plywood Box Construction, Add	121.72	
06 41 13 00-0024	EA		18" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	442.63	32.55
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	350.31	
			For All Plywood Box Construction, Add	121.72	
06 41 13 00-0025	EA		21" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	471.32	37.98
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	350.31	
			For All Plywood Box Construction, Add	121.72	
06 41 13 00-0026	EA		24" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	491.49	43.40
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	350.31	
			For All Plywood Box Construction, Add	121.72	
06 41 13 00-0027	EA		27" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	516.30	48.83
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	350.31	
			For All Plywood Box Construction, Add	121.72	
06 41 13 00-0028	EA		30" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	849.03	54.25
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	350.31	
			For All Plywood Box Construction, Add	121.72	
06 41 13 00-0029	EA		33" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	895.52	59.67
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	350.31	
			For All Plywood Box Construction, Add	121.72	
06 41 13 00-0030	EA		36" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	941.52	65.10
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	350.31	
			For All Plywood Box Construction, Add	121.72	
06 41 13 00-0031	EA		12" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	486.62	21.70
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	467.08	
			For All Plywood Box Construction, Add	121.72	
06 41 13 00-0032	EA		15" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	496.87	27.12
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	467.08	
			For All Plywood Box Construction, Add	121.72	



Wood, Plastics, and Composites			06
Architectural Woodwork			06 40
Architectural Wood Casework			06 41

06

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0033	EA		18" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet.....	539.61	32.55
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	467.08	
			For All Plywood Box Construction, Add	121.72	
06 41 13 00-0034	EA		21" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet.....	574.24	37.98
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	467.08	
			For All Plywood Box Construction, Add	121.72	
06 41 13 00-0035	EA		24" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet.....	604.31	43.40
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	467.08	
			For All Plywood Box Construction, Add	121.72	
06 41 13 00-0036	EA		27" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet.....	635.05	48.83
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	467.08	
			For All Plywood Box Construction, Add	121.72	
06 41 13 00-0037	EA		30" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet.....	690.60	54.25
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	467.08	
			For All Plywood Box Construction, Add	121.72	
06 41 13 00-0038	EA		33" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet.....	942.03	59.67
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	467.08	
			For All Plywood Box Construction, Add	121.72	
06 41 13 00-0039	EA		36" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet.....	994.95	65.10
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	467.08	
			For All Plywood Box Construction, Add	121.72	
06 41 13 00-0040			Wall Cabinet, 12" High, 12" Deep (06 41 13 00-0006)		
06 41 13 00-0041	EA		30" Wide, 12" High x 12" Deep, Double Door, Solid Maple Face Frame and Doors, Wall Cabinet	349.07	54.25
			For All Plywood Box Construction, Add	65.31	
06 41 13 00-0042	EA		33" Wide, 12" High x 12" Deep, Double Door, Solid Maple Face Frame and Doors, Wall Cabinet	372.68	59.67
			For All Plywood Box Construction, Add	65.31	
06 41 13 00-0043	EA		36" Wide, 12" High x 12" Deep, Double Door, Solid Maple Face Frame and Doors, Wall Cabinet	410.96	65.10
			For All Plywood Box Construction, Add	65.31	
06 41 13 00-0044	EA		39" Wide, 12" High x 12" Deep, Double Door, Solid Maple Face Frame and Doors, Wall Cabinet	438.67	70.53
			For All Plywood Box Construction, Add	65.31	
06 41 13 00-0045			Wall Cabinets, 14" High, 12" Deep (06 41 13 00-0006)		
06 41 13 00-0046	EA		12" Wide, 14" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....	296.02	21.70
			For All Plywood Box Construction, Add	65.31	
06 41 13 00-0047	EA		15" Wide, 14" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....	303.14	27.12
			For All Plywood Box Construction, Add	65.31	
06 41 13 00-0048	EA		18" Wide, 14" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....	318.17	32.55
			For All Plywood Box Construction, Add	65.31	
06 41 13 00-0049	EA		21" Wide, 14" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....	326.28	37.98
			For All Plywood Box Construction, Add	65.31	
06 41 13 00-0050	EA		24" Wide, 14" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....	335.38	43.40
			For All Plywood Box Construction, Add	65.31	
06 41 13 00-0051	EA		30" Wide, 14" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	351.40	54.25
			For All Plywood Box Construction, Add	65.31	
06 41 13 00-0052	EA		33" Wide, 14" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	376.33	59.67
			For All Plywood Box Construction, Add	65.31	
06 41 13 00-0053	EA		36" Wide, 14" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	410.96	65.10
			For All Plywood Box Construction, Add	65.31	
06 41 13 00-0054	EA		39" Wide, 14" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	438.67	70.53
			For All Plywood Box Construction, Add	65.31	
06 41 13 00-0055			Wall Cabinets, 18" High, 12" Deep (06 41 13 00-0006)		
06 41 13 00-0056	EA		12" Wide, 18" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....	307.90	21.70
			For All Plywood Box Construction, Add	65.31	
06 41 13 00-0057	EA		15" Wide, 18" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....	323.92	27.12
			For All Plywood Box Construction, Add	65.31	
06 41 13 00-0058	EA		18" Wide, 18" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....	335.99	32.55
			For All Plywood Box Construction, Add	65.31	
06 41 13 00-0059	EA		21" Wide, 18" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....	349.04	37.98
			For All Plywood Box Construction, Add	65.31	
06 41 13 00-0060	EA		24" Wide, 18" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....	367.04	43.40
			For All Plywood Box Construction, Add	65.31	
06 41 13 00-0061	EA		27" Wide, 18" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	387.92	48.85
			For All Plywood Box Construction, Add	65.31	
06 41 13 00-0062	EA		30" Wide, 18" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	406.82	54.25
			For All Plywood Box Construction, Add	65.31	
06 41 13 00-0063	EA		33" Wide, 18" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	421.85	59.67
			For All Plywood Box Construction, Add	65.31	
06 41 13 00-0064	EA		36" Wide, 18" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	430.75	65.10
			For All Plywood Box Construction, Add	65.31	
06 41 13 00-0065			Wall Cabinets, 30" High, 12" Deep (06 41 13 00-0006)		

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 41 Architectural Wood Casework**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0066	EA	12" Wide, 30" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....	334.22	21.70
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0067	EA	15" Wide, 30" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....	364.14	27.12
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0068	EA	18" Wide, 30" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....	388.85	32.55
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0069	EA	21" Wide, 30" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....	418.76	37.98
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0070	EA	24" Wide, 30" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....	447.72	43.40
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0071	EA	27" Wide, 30" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	491.33	48.85
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0072	EA	30" Wide, 30" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	503.30	54.25
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0073	EA	33" Wide, 30" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	549.19	59.67
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0074	EA	36" Wide, 30" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	565.36	65.10
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0075 Wall Cabinets, 36" High, 12" Deep (06 41 13 00-0006)				
06 41 13 00-0076	EA	12" Wide, 36" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....	376.77	21.70
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0077	EA	15" Wide, 36" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....	408.67	27.12
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0078	EA	18" Wide, 36" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....	436.35	32.55
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0079	EA	21" Wide, 36" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....	468.24	37.98
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0080	EA	24" Wide, 36" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....	549.64	43.40
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0081	EA	27" Wide, 36" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	552.68	48.85
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0082	EA	30" Wide, 36" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	572.57	54.25
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0083	EA	33" Wide, 36" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	626.37	59.67
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0084	EA	36" Wide, 36" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	642.55	65.10
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0085 Wall Cabinets, 42" High, 12" Deep (06 41 13 00-0006)				
06 41 13 00-0086	EA	12" Wide, 42" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....	421.30	21.70
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0087	EA	15" Wide, 42" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....	460.13	27.12
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0088	EA	18" Wide, 42" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....	489.79	32.55
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0089	EA	21" Wide, 42" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....	520.68	37.98
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0090	EA	24" Wide, 42" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....	567.46	43.40
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0091	EA	27" Wide, 42" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	606.12	48.85
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0092	EA	30" Wide, 42" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	637.89	54.25
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0093	EA	33" Wide, 42" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	698.61	59.67
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0094	EA	36" Wide, 42" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	719.73	65.10
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0095 Wall Cabinets, 12" High, 23-3/4" Deep (06 41 13 00-0006)				
06 41 13 00-0096	EA	30" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet.....	399.76	54.25
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0097	EA	33" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	429.42	59.67
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0098	EA	36" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	461.57	65.10
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0099	EA	39" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	499.31	70.53
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0100	EA	48" Wide, 12" High x 23-3/4" Deep, Triple Door, Solid Maple Face Frame and Door, Wall Cabinet.....	590.56	86.81
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0101 Utility Cabinets, 84" High (06 41 13 00-0006)				
06 41 13 00-0102	EA	15" Wide, 84" High x 12" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet.....	763.39	48.22
		<i>For All Plywood Box Construction, Add</i>	241.46	
06 41 13 00-0103	EA	18" Wide, 84" High x 12" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet.....	863.94	57.87
		<i>For All Plywood Box Construction, Add</i>	241.46	
06 41 13 00-0104	EA	21" Wide, 84" High x 12" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet.....	971.44	453.30
		<i>For All Plywood Box Construction, Add</i>	241.46	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0105	EA		24" Wide, 84" High x 12" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet	1,020.55	77.16
			For All Plywood Box Construction, Add	241.46	
06 41 13 00-0106	EA		30" Wide, 84" High x 12" Deep, Four Door, Solid Maple Face Frame and Door, Pantry Cabinet	1,236.88	96.44
			For All Plywood Box Construction, Add	241.46	
06 41 13 00-0107	EA		36" Wide, 84" High x 12" Deep, Four Door, Solid Maple Face Frame and Door, Pantry Cabinet	1,427.49	115.74
			For All Plywood Box Construction, Add	241.46	
06 41 13 00-0108	EA		15" Wide, 84" High x 24" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet	864.33	48.22
			For All Plywood Box Construction, Add	241.46	
06 41 13 00-0109	EA		18" Wide, 84" High x 24" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet	955.97	57.87
			For All Plywood Box Construction, Add	241.46	
06 41 13 00-0110	EA		21" Wide, 84" High x 24" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet	1,092.17	67.52
			For All Plywood Box Construction, Add	241.46	
06 41 13 00-0111	EA		24" Wide, 84" High x 24" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet	1,160.08	77.16
			For All Plywood Box Construction, Add	241.46	
06 41 13 00-0112	EA		30" Wide, 84" High x 24" Deep, Four Door, Solid Maple Face Frame and Door, Pantry Cabinet	1,441.73	96.44
			For All Plywood Box Construction, Add	241.46	
06 41 13 00-0113	EA		36" Wide, 84" High x 24" Deep, Four Door, Solid Maple Face Frame and Door, Pantry Cabinet	1,649.15	115.74
			For All Plywood Box Construction, Add	241.46	
06 41 13 00-0114			Solid Oak Face Frame And Door, Wall And Base Cabinets (06 41 13 00-0005)		
06 41 13 00-0115			Base Cabinets, 35" High, 23-3/4" Deep (06 41 13 00-0114)		
06 41 13 00-0116	EA		12" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Oak Face Frame, Door and Drawer	351.05	21.70
			Front, Base Cabinet	116.77	
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	121.72	
			For All Plywood Box Construction, Add		
06 41 13 00-0117	EA		15" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Oak Face Frame, Door and Drawer	373.17	27.12
			Front, Base Cabinet	116.77	
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	121.72	
			For All Plywood Box Construction, Add		
06 41 13 00-0118	EA		18" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Oak Face Frame, Door and Drawer	390.19	32.55
			Front, Base Cabinet	116.77	
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	121.72	
			For All Plywood Box Construction, Add		
06 41 13 00-0119	EA		21" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Oak Face Frame, Door and Drawer	410.96	37.98
			Front, Base Cabinet	116.77	
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	121.72	
			For All Plywood Box Construction, Add		
06 41 13 00-0120	EA		24" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Oak Face Frame, Door and Drawer	466.75	43.40
			Front, Base Cabinet	116.77	
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	121.72	
			For All Plywood Box Construction, Add		
06 41 13 00-0121	EA		27" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Oak Face Frame, Door and Drawer	488.60	48.83
			Front, Base Cabinet	116.77	
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	121.72	
			For All Plywood Box Construction, Add		
06 41 13 00-0122	EA		30" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Oak Face Frame, Door and Drawer	527.42	54.25
			Front, Base Cabinet	116.77	
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	121.72	
			For All Plywood Box Construction, Add		
06 41 13 00-0123	EA		33" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Oak Face Frame, Door and Drawer	556.09	59.67
			Front, Base Cabinet	116.77	
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	121.72	
			For All Plywood Box Construction, Add		
06 41 13 00-0124	EA		36" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Oak Face Frame, Door and Drawer	573.39	65.10
			Front, Base Cabinet	116.77	
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	121.72	
			For All Plywood Box Construction, Add		
06 41 13 00-0125	EA		48" Wide, 35" High x 23-3/4" Deep, Double Drawer and Double Door, Solid Oak Face Frame, Door and Drawer	653.94	86.81
			Front, Base Cabinet	233.54	
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	121.72	
			For All Plywood Box Construction, Add		
06 41 13 00-0126	EA		30" Wide, 35" High x 23-3/4" Deep, Double Drawer with False Panel Drawer Front, Solid Oak Face Frame and	723.36	54.25
			Drawer Fronts, Base Cabinet	233.54	
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	121.72	
			For All Plywood Box Construction, Add		
06 41 13 00-0127	EA		36" Wide, 35" High x 23-3/4" Deep, Double Drawer with False Panel Drawer Front, Solid Oak Face Frame and	801.99	65.10
			Drawer Fronts, Base Cabinet	233.54	
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	121.72	
			For All Plywood Box Construction, Add		
06 41 13 00-0128	EA		30" Wide, 35" High x 23-3/4" Deep, Triple Drawer with False Panel Drawer Front, Solid Oak Face Frame and	758.98	54.25
			Drawer Fronts, Base Cabinet	350.31	
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	121.72	
			For All Plywood Box Construction, Add		
06 41 13 00-0129	EA		36" Wide, 35" High x 23-3/4" Deep, Triple Drawer with False Panel Drawer Front, Solid Oak Face Frame and	846.52	65.10
			Drawer Fronts, Base Cabinet	350.31	
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	121.72	
			For All Plywood Box Construction, Add		
06 41 13 00-0130	EA		12" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	356.99	21.70
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	350.31	
			For All Plywood Box Construction, Add	121.72	
06 41 13 00-0131	EA		15" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	365.26	27.12
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	350.31	
			For All Plywood Box Construction, Add	121.72	

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 41 Architectural Wood Casework**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0132 EA 18" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add For All Plywood Box Construction, Add	398.10 350.31 121.72	32.55
06 41 13 00-0133 EA 21" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add For All Plywood Box Construction, Add	423.82 350.31 121.72	37.98
06 41 13 00-0134 EA 24" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add For All Plywood Box Construction, Add	442.02 350.31 121.72	43.40
06 41 13 00-0135 EA 27" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add For All Plywood Box Construction, Add	463.86 350.31 121.72	48.83
06 41 13 00-0136 EA 30" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add For All Plywood Box Construction, Add	757.00 350.31 121.72	54.25
06 41 13 00-0137 EA 33" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add For All Plywood Box Construction, Add	797.55 350.31 121.72	59.67
06 41 13 00-0138 EA 36" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add For All Plywood Box Construction, Add	838.60 350.31 121.72	65.10
06 41 13 00-0139 EA 12" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add For All Plywood Box Construction, Add	436.15 467.08 121.72	21.70
06 41 13 00-0140 EA 15" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add For All Plywood Box Construction, Add	446.40 467.08 121.72	27.12
06 41 13 00-0141 EA 18" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add For All Plywood Box Construction, Add	484.20 467.08 121.72	32.55
06 41 13 00-0142 EA 21" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add For All Plywood Box Construction, Add	514.86 467.08 121.72	37.98
06 41 13 00-0143 EA 24" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add For All Plywood Box Construction, Add	540.97 467.08 121.72	43.40
06 41 13 00-0144 EA 27" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add For All Plywood Box Construction, Add	568.75 467.08 121.72	48.83
06 41 13 00-0145 EA 30" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add For All Plywood Box Construction, Add	793.62 467.08 121.72	54.25
06 41 13 00-0146 EA 33" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add For All Plywood Box Construction, Add	839.11 467.08 121.72	59.67
06 41 13 00-0147 EA 36" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add For All Plywood Box Construction, Add	886.10 467.08 121.72	65.10
06 41 13 00-0148 Wall Cabinets, 12" High, 12" Deep (06 41 13 00-0114)		
06 41 13 00-0149 EA 30" Wide, 12" High x 12" Deep, Double Door, Solid Oak Face Frame and Doors, Wall Cabinet..... For All Plywood Box Construction, Add	315.43 65.31	54.25
06 41 13 00-0150 EA 33" Wide, 12" High x 12" Deep, Double Door, Solid Oak Face Frame and Doors, Wall Cabinet..... For All Plywood Box Construction, Add	336.07 65.31	59.67
06 41 13 00-0151 EA 36" Wide, 12" High x 12" Deep, Double Door, Solid Oak Face Frame and Doors, Wall Cabinet..... For All Plywood Box Construction, Add	370.39 65.31	65.10
06 41 13 00-0152 EA 39" Wide, 12" High x 12" Deep, Double Door, Solid Oak Face Frame and Doors, Wall Cabinet..... For All Plywood Box Construction, Add	395.12 65.31	70.53
06 41 13 00-0153 Wall Cabinets, 14" High, 12" Deep (06 41 13 00-0114)		
06 41 13 00-0154 EA 12" Wide, 14" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet..... For All Plywood Box Construction, Add	268.31 65.31	21.70
06 41 13 00-0155 EA 15" Wide, 14" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet..... For All Plywood Box Construction, Add	274.44 65.31	27.12
06 41 13 00-0156 EA 18" Wide, 14" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet..... For All Plywood Box Construction, Add	287.50 65.31	32.55
06 41 13 00-0157 EA 21" Wide, 14" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet..... For All Plywood Box Construction, Add	295.60 65.31	37.98
06 41 13 00-0158 EA 24" Wide, 14" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet..... For All Plywood Box Construction, Add	303.71 65.31	43.40
06 41 13 00-0159 EA 30" Wide, 14" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet..... For All Plywood Box Construction, Add	317.76 65.31	54.25
06 41 13 00-0160 EA 33" Wide, 14" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet..... For All Plywood Box Construction, Add	339.72 65.31	59.67
06 41 13 00-0161 EA 36" Wide, 14" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet..... For All Plywood Box Construction, Add	370.39 65.31	65.10
06 41 13 00-0162 EA 39" Wide, 14" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet..... For All Plywood Box Construction, Add	395.12 65.31	70.53
06 41 13 00-0163 Wall Cabinets, 18" High, 12" Deep (06 41 13 00-0114)		



Wood, Plastics, and Composites			06	06
Architectural Woodwork			06 40	
Architectural Wood Casework			06 41	

MINOR		DESCRIPTION	TOTAL DIRECT		DEMOLITION
CSI	UOM		UNIT COST	UNIT COST	
06 41 13 00-0164	EA	12" Wide, 18" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	278.21 65.31	21.70	
06 41 13 00-0165	EA	15" Wide, 18" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	292.25 65.31	27.12	
06 41 13 00-0166	EA	18" Wide, 18" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	303.33 65.31	32.55	
06 41 13 00-0167	EA	21" Wide, 18" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	315.40 65.31	37.98	
06 41 13 00-0168	EA	24" Wide, 18" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	331.42 65.31	43.40	
06 41 13 00-0169	EA	27" Wide, 18" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	350.31 65.31	48.85	
06 41 13 00-0170	EA	30" Wide, 18" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	366.25 65.31	54.25	
06 41 13 00-0171	EA	33" Wide, 18" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	380.29 65.31	59.67	
06 41 13 00-0172	EA	36" Wide, 18" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	388.20 65.31	65.10	
06 41 13 00-0173 Wall Cabinets, 30" High, 12" Deep (06 41 13 00-0114)					
06 41 13 00-0174	EA	12" Wide, 30" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	303.54 65.31	21.70	
06 41 13 00-0175	EA	15" Wide, 30" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	330.49 65.31	27.12	
06 41 13 00-0176	EA	18" Wide, 30" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	352.24 65.31	32.55	
06 41 13 00-0177	EA	21" Wide, 30" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	378.19 65.31	37.98	
06 41 13 00-0178	EA	24" Wide, 30" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	404.17 65.31	43.40	
06 41 13 00-0179	EA	27" Wide, 30" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	442.84 65.31	48.85	
06 41 13 00-0180	EA	30" Wide, 30" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	453.82 65.31	54.25	
06 41 13 00-0181	EA	33" Wide, 30" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	493.77 65.31	59.67	
06 41 13 00-0182	EA	36" Wide, 30" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	508.95 65.31	65.10	
06 41 13 00-0183 Wall Cabinets, 36" High, 12" Deep (06 41 13 00-0114)					
06 41 13 00-0184	EA	12" Wide, 36" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	341.15 65.31	21.70	
06 41 13 00-0185	EA	15" Wide, 36" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	369.09 65.31	27.12	
06 41 13 00-0186	EA	18" Wide, 36" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	393.80 65.31	32.55	
06 41 13 00-0187	EA	21" Wide, 36" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	421.73 65.31	37.98	
06 41 13 00-0188	EA	24" Wide, 36" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	494.23 65.31	43.40	
06 41 13 00-0189	EA	27" Wide, 36" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	496.28 65.31	48.85	
06 41 13 00-0190	EA	30" Wide, 36" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	514.19 65.31	54.25	
06 41 13 00-0191	EA	33" Wide, 36" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	562.05 65.31	59.67	
06 41 13 00-0192	EA	36" Wide, 36" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	576.24 65.31	65.10	
06 41 13 00-0193 Wall Cabinets, 42" High, 12" Deep (06 41 13 00-0114)					
06 41 13 00-0194	EA	12" Wide, 42" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	379.74 65.31	21.70	
06 41 13 00-0195	EA	15" Wide, 42" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	414.61 65.31	27.12	
06 41 13 00-0196	EA	18" Wide, 42" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	441.30 65.31	32.55	
06 41 13 00-0197	EA	21" Wide, 42" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	468.24 65.31	37.98	
06 41 13 00-0198	EA	24" Wide, 42" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	510.06 65.31	43.40	
06 41 13 00-0199	EA	27" Wide, 42" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	543.78 65.31	48.85	
06 41 13 00-0200	EA	30" Wide, 42" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	571.58 65.31	54.25	
06 41 13 00-0201	EA	33" Wide, 42" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	625.38 65.31	59.67	
06 41 13 00-0202	EA	36" Wide, 42" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	644.53 65.31	65.10	

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 41 Architectural Wood Casework**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0203		Wall Cabinets, 12" High, 23-3/4" Deep (06 41 13 00-0114)		
06 41 13 00-0204	EA	30" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	361.17	54.25
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0205	EA	33" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	387.86	59.67
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0206	EA	36" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	416.05	65.10
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0207	EA	39" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	449.83	70.53
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0208	EA	48" Wide, 12" High x 23-3/4" Deep, Triple Door, Solid Oak Face Frame and Door, Wall Cabinet	530.19	86.81
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0209		Utility Cabinets, 84" High (06 41 13 00-0114)		
06 41 13 00-0210	EA	15" Wide, 84" High x 12" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet	692.14	48.22
		<i>For All Plywood Box Construction, Add</i>	241.46	
06 41 13 00-0211	EA	18" Wide, 84" High x 12" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet	782.80	57.87
		<i>For All Plywood Box Construction, Add</i>	241.46	
06 41 13 00-0212	EA	21" Wide, 84" High x 12" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet	879.41	453.30
		<i>For All Plywood Box Construction, Add</i>	241.46	
06 41 13 00-0213	EA	24" Wide, 84" High x 12" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet	924.56	77.16
		<i>For All Plywood Box Construction, Add</i>	241.46	
06 41 13 00-0214	EA	30" Wide, 84" High x 12" Deep, Four Door, Solid Oak Face Frame and Door, Pantry Cabinet	1,116.15	96.44
		<i>For All Plywood Box Construction, Add</i>	241.46	
06 41 13 00-0215	EA	36" Wide, 84" High x 12" Deep, Four Door, Solid Oak Face Frame and Door, Pantry Cabinet	1,285.98	115.74
		<i>For All Plywood Box Construction, Add</i>	241.46	
06 41 13 00-0216	EA	15" Wide, 84" High x 24" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet	781.20	48.22
		<i>For All Plywood Box Construction, Add</i>	241.46	
06 41 13 00-0217	EA	18" Wide, 84" High x 24" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet	863.94	57.87
		<i>For All Plywood Box Construction, Add</i>	241.46	
06 41 13 00-0218	EA	21" Wide, 84" High x 24" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet	985.30	67.52
		<i>For All Plywood Box Construction, Add</i>	241.46	
06 41 13 00-0219	EA	24" Wide, 84" High x 24" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet	1,047.27	77.16
		<i>For All Plywood Box Construction, Add</i>	241.46	
06 41 13 00-0220	EA	30" Wide, 84" High x 24" Deep, Four Door, Solid Oak Face Frame and Door, Pantry Cabinet	1,296.26	96.44
		<i>For All Plywood Box Construction, Add</i>	241.46	
06 41 13 00-0221	EA	36" Wide, 84" High x 24" Deep, Four Door, Solid Oak Face Frame and Door, Pantry Cabinet	1,480.93	115.74
		<i>For All Plywood Box Construction, Add</i>	241.46	
06 41 13 00-0222		Solid Wood Face Frame And Thermofoil Door, Wall And Base Cabinets (06 41 13 00-0005)		
06 41 13 00-0223		Base Cabinets, 35" High, 23-3/4" Deep (06 41 13 00-0222)		
06 41 13 00-0224	EA	12" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet	351.05	21.70
		<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	116.77	
		<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0225	EA	15" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet	373.17	27.12
		<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	116.77	
		<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0226	EA	18" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet	390.19	32.55
		<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	116.77	
		<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0227	EA	21" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet	410.96	37.98
		<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	116.77	
		<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0228	EA	24" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet	466.75	43.40
		<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	116.77	
		<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0229	EA	27" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet	488.60	48.83
		<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	116.77	
		<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0230	EA	30" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet	527.42	54.25
		<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	116.77	
		<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0231	EA	33" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet	556.09	59.67
		<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	116.77	
		<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0232	EA	36" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet	573.39	65.10
		<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	116.77	
		<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0233	EA	48" Wide, 35" High x 23-3/4" Deep, Double Drawer and Double Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet	653.94	86.81
		<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	233.54	
		<i>For All Plywood Box Construction, Add</i>	121.72	



Wood, Plastics, and Composites			06	06
Architectural Woodwork			06 40	
Architectural Wood Casework			06 41	

MINOR			TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
06 41 13 00-0234	EA	30" Wide, 35" High x 23-3/4" Deep, Double Drawer with False Panel Drawer Front, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	723.36	54.25
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	233.54	
		For All Plywood Box Construction, Add	121.72	
06 41 13 00-0235	EA	36" Wide, 35" High x 23-3/4" Deep, Double Drawer with False Panel Drawer Front, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	801.99	65.10
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	233.54	
		For All Plywood Box Construction, Add	121.72	
06 41 13 00-0236	EA	30" Wide, 35" High x 23-3/4" Deep, Triple Drawer with False Panel Drawer Front, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	758.98	54.25
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	350.31	
		For All Plywood Box Construction, Add	121.72	
06 41 13 00-0237	EA	36" Wide, 35" High x 23-3/4" Deep, Triple Drawer with False Panel Drawer Front, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	846.52	65.10
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	350.31	
		For All Plywood Box Construction, Add	121.72	
06 41 13 00-0238	EA	12" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	356.99	21.70
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	350.31	
		For All Plywood Box Construction, Add	121.72	
06 41 13 00-0239	EA	15" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	365.26	27.12
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	350.31	
		For All Plywood Box Construction, Add	121.72	
06 41 13 00-0240	EA	18" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	398.10	32.55
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	350.31	
		For All Plywood Box Construction, Add	121.72	
06 41 13 00-0241	EA	21" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	423.82	37.98
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	350.31	
		For All Plywood Box Construction, Add	121.72	
06 41 13 00-0242	EA	24" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	442.02	43.40
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	350.31	
		For All Plywood Box Construction, Add	121.72	
06 41 13 00-0243	EA	27" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	463.86	48.83
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	350.31	
		For All Plywood Box Construction, Add	121.72	
06 41 13 00-0244	EA	30" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	757.00	54.25
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	350.31	
		For All Plywood Box Construction, Add	121.72	
06 41 13 00-0245	EA	33" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	797.55	59.67
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	350.31	
		For All Plywood Box Construction, Add	121.72	
06 41 13 00-0246	EA	36" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	838.60	65.10
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	350.31	
		For All Plywood Box Construction, Add	121.72	
06 41 13 00-0247	EA	12" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	436.15	21.70
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	467.08	
		For All Plywood Box Construction, Add	121.72	
06 41 13 00-0248	EA	15" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	446.40	27.12
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	467.08	
		For All Plywood Box Construction, Add	121.72	
06 41 13 00-0249	EA	18" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	484.20	32.55
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	467.08	
		For All Plywood Box Construction, Add	121.72	
06 41 13 00-0250	EA	21" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	514.86	37.98
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	467.08	
		For All Plywood Box Construction, Add	121.72	
06 41 13 00-0251	EA	24" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	540.97	43.40
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	467.08	
		For All Plywood Box Construction, Add	121.72	
06 41 13 00-0252	EA	27" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	568.75	48.83
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	467.08	
		For All Plywood Box Construction, Add	121.72	
06 41 13 00-0253	EA	30" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	793.62	54.25
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	467.08	
		For All Plywood Box Construction, Add	121.72	
06 41 13 00-0254	EA	33" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	839.11	59.67
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	467.08	
		For All Plywood Box Construction, Add	121.72	

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 41 Architectural Wood Casework**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0255	EA		36" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet.....	886.10	65.10
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	467.08	
			<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0256			Wall Cabinets, 12" High, 12" Deep (06 41 13 00-0222)		
06 41 13 00-0257	EA		30" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet.....	315.43	54.25
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0258	EA		33" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet.....	336.07	59.67
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0259	EA		36" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet.....	370.39	65.10
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0260	EA		39" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet.....	395.12	70.53
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0261			Wall Cabinets, 14" High, 12" Deep (06 41 13 00-0222)		
06 41 13 00-0262	EA		12" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet.....	268.31	21.70
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0263	EA		15" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet.....	274.44	27.12
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0264	EA		18" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet.....	287.50	32.55
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0265	EA		21" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet.....	295.60	37.98
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0266	EA		24" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet.....	303.71	43.40
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0267	EA		30" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet.....	317.76	54.25
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0268	EA		33" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet.....	339.72	59.67
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0269	EA		36" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet.....	370.39	65.10
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0270	EA		39" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet.....	395.12	70.53
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0271			Wall Cabinets, 18" High, 12" Deep (06 41 13 00-0222)		
06 41 13 00-0272	EA		12" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet.....	278.21	21.70
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0273	EA		15" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet.....	292.25	27.12
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0274	EA		18" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet.....	303.33	32.55
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0275	EA		21" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet.....	315.40	37.98
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0276	EA		24" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet.....	331.42	43.40
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0277	EA		27" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet.....	350.31	48.85
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0278	EA		30" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet.....	366.25	54.25
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0279	EA		33" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet.....	380.29	59.67
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0280	EA		36" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet.....	388.20	65.10
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0281			Wall Cabinets, 30" High, 12" Deep (06 41 13 00-0222)		
06 41 13 00-0282	EA		12" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet.....	303.54	21.70
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0283	EA		15" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet.....	330.49	27.12
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0284	EA		18" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet.....	352.24	32.55
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0285	EA		21" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet.....	378.19	37.98
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0286	EA		24" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet.....	404.17	43.40
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0287	EA		27" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet.....	442.84	48.85
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0288	EA		30" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet.....	453.82	54.25
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0289	EA		33" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet.....	493.77	59.67
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0290	EA		36" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet.....	508.95	65.10
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0291			Wall Cabinets, 36" High, 12" Deep (06 41 13 00-0222)		
06 41 13 00-0292	EA		12" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet.....	341.15	21.70
			<i>For All Plywood Box Construction, Add</i>	65.31	



Wood, Plastics, and Composites			06	06
Architectural Woodwork			06 40	
Architectural Wood Casework			06 41	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0293	EA	15" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	.....	369.09	27.12
		For All Plywood Box Construction, Add	.....	65.31	
06 41 13 00-0294	EA	18" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	.....	393.80	32.55
		For All Plywood Box Construction, Add	.....	65.31	
06 41 13 00-0295	EA	21" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	.....	421.73	37.98
		For All Plywood Box Construction, Add	.....	65.31	
06 41 13 00-0296	EA	24" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	.....	494.23	43.40
		For All Plywood Box Construction, Add	.....	65.31	
06 41 13 00-0297	EA	27" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	.....	496.28	48.85
		For All Plywood Box Construction, Add	.....	65.31	
06 41 13 00-0298	EA	30" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	.....	514.19	54.25
		For All Plywood Box Construction, Add	.....	65.31	
06 41 13 00-0299	EA	33" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	.....	562.05	59.67
		For All Plywood Box Construction, Add	.....	65.31	
06 41 13 00-0300	EA	36" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	.....	576.24	65.10
		For All Plywood Box Construction, Add	.....	65.31	
06 41 13 00-0301 Wall Cabinets, 42" High, 12" Deep (06 41 13 00-0222)					
06 41 13 00-0302	EA	12" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	.....	379.74	21.70
		For All Plywood Box Construction, Add	.....	65.31	
06 41 13 00-0303	EA	15" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	.....	414.61	27.12
		For All Plywood Box Construction, Add	.....	65.31	
06 41 13 00-0304	EA	18" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	.....	441.30	32.55
		For All Plywood Box Construction, Add	.....	65.31	
06 41 13 00-0305	EA	21" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	.....	468.24	37.98
		For All Plywood Box Construction, Add	.....	65.31	
06 41 13 00-0306	EA	24" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	.....	510.06	43.40
		For All Plywood Box Construction, Add	.....	65.31	
06 41 13 00-0307	EA	27" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	.....	543.78	48.85
		For All Plywood Box Construction, Add	.....	65.31	
06 41 13 00-0308	EA	30" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	.....	571.58	54.25
		For All Plywood Box Construction, Add	.....	65.31	
06 41 13 00-0309	EA	33" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	.....	625.38	59.67
		For All Plywood Box Construction, Add	.....	65.31	
06 41 13 00-0310	EA	36" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	.....	644.53	65.10
		For All Plywood Box Construction, Add	.....	65.31	
06 41 13 00-0311 Wall Cabinets, 12" High, 23-3/4" Deep (06 41 13 00-0222)					
06 41 13 00-0312	EA	30" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	.....	361.17	54.25
		For All Plywood Box Construction, Add	.....	65.31	
06 41 13 00-0313	EA	33" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	.....	387.86	59.67
		For All Plywood Box Construction, Add	.....	65.31	
06 41 13 00-0314	EA	36" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	.....	416.05	65.10
		For All Plywood Box Construction, Add	.....	65.31	
06 41 13 00-0315	EA	39" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	.....	449.83	70.53
		For All Plywood Box Construction, Add	.....	65.31	
06 41 13 00-0316	EA	48" Wide, 12" High x 23-3/4" Deep, Triple Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	.....	530.19	86.81
		For All Plywood Box Construction, Add	.....	65.31	
06 41 13 00-0317 Utility Cabinets, 84" High (06 41 13 00-0222)					
06 41 13 00-0318	EA	15" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet	.....	692.14	48.22
		For All Plywood Box Construction, Add	.....	241.46	
06 41 13 00-0319	EA	18" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet	.....	782.80	57.87
		For All Plywood Box Construction, Add	.....	241.46	
06 41 13 00-0320	EA	21" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet	.....	879.41	453.30
		For All Plywood Box Construction, Add	.....	241.46	
06 41 13 00-0321	EA	24" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet	.....	924.56	77.16
		For All Plywood Box Construction, Add	.....	241.46	
06 41 13 00-0322	EA	30" Wide, 84" High x 12" Deep, Four Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet	.....	1,116.15	96.44
		For All Plywood Box Construction, Add	.....	241.46	
06 41 13 00-0323	EA	36" Wide, 84" High x 12" Deep, Four Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet	.....	1,285.98	115.74
		For All Plywood Box Construction, Add	.....	241.46	
06 41 13 00-0324	EA	15" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet	.....	781.20	48.22
		For All Plywood Box Construction, Add	.....	241.46	
06 41 13 00-0325	EA	18" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet	.....	863.94	57.87
		For All Plywood Box Construction, Add	.....	241.46	
06 41 13 00-0326	EA	21" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet	.....	985.30	67.52
		For All Plywood Box Construction, Add	.....	241.46	
06 41 13 00-0327	EA	24" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet	.....	1,047.27	77.16
		For All Plywood Box Construction, Add	.....	241.46	
06 41 13 00-0328	EA	30" Wide, 84" High x 24" Deep, Four Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet	.....	1,296.26	96.44
		For All Plywood Box Construction, Add	.....	241.46	
06 41 13 00-0329	EA	36" Wide, 84" High x 24" Deep, Four Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet	.....	1,480.93	115.74
		For All Plywood Box Construction, Add	.....	241.46	
06 41 13 00-0330		Solid Wood Face Frame And Decorative Laminate Veneer Door, Wall And Base Cabinets (06 41 13 00-0005)			
06 41 13 00-0331		Base Cabinets, 35" High, 23-3/4" Deep (06 41 13 00-0330)			

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 41 Architectural Wood Casework**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0332	EA		12" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	351.05 116.77 121.72	21.70
06 41 13 00-0333	EA		15" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	373.17 116.77 121.72	27.12
06 41 13 00-0334	EA		18" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	390.19 116.77 121.72	32.55
06 41 13 00-0335	EA		21" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	410.96 116.77 121.72	37.98
06 41 13 00-0336	EA		24" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	466.75 116.77 121.72	43.40
06 41 13 00-0337	EA		27" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	488.60 116.77 121.72	48.83
06 41 13 00-0338	EA		30" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	527.42 116.77 121.72	54.25
06 41 13 00-0339	EA		33" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	556.09 116.77 121.72	59.67
06 41 13 00-0340	EA		36" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	573.39 116.77 121.72	65.10
06 41 13 00-0341	EA		48" Wide, 35" High x 23-3/4" Deep, Double Drawer and Double Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	653.94 233.54 121.72	86.81
06 41 13 00-0342	EA		30" Wide, 35" High x 23-3/4" Deep, Double Drawer with False Panel Drawer Front, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	723.36 233.54 121.72	54.25
06 41 13 00-0343	EA		36" Wide, 35" High x 23-3/4" Deep, Double Drawer with False Panel Drawer Front, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	801.99 233.54 121.72	65.10
06 41 13 00-0344	EA		30" Wide, 35" High x 23-3/4" Deep, Triple Drawer with False Panel Drawer Front, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	758.98 350.31 121.72	54.25
06 41 13 00-0345	EA		36" Wide, 35" High x 23-3/4" Deep, Triple Drawer with False Panel Drawer Front, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	846.52 350.31 121.72	65.10
06 41 13 00-0346	EA		12" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	356.99 350.31 121.72	21.70
06 41 13 00-0347	EA		15" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	365.26 350.31 121.72	27.12
06 41 13 00-0348	EA		18" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	398.10 350.31 121.72	32.55
06 41 13 00-0349	EA		21" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	423.82 350.31 121.72	37.98
06 41 13 00-0350	EA		24" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	442.02 350.31 121.72	43.40
06 41 13 00-0351	EA		27" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	463.86 350.31 121.72	48.83
06 41 13 00-0352	EA		30" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	757.00 350.31 121.72	54.25



Wood, Plastics, and Composites			06	06
Architectural Woodwork			06 40	
Architectural Wood Casework			06 41	

MINOR		DESCRIPTION	TOTAL DIRECT	DEMOLITION
CSI	UOM		UNIT COST	UNIT COST
06 41 13 00-0353	EA	33" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet.....	797.55	59.67
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	350.31	
		For All Plywood Box Construction, Add	121.72	
06 41 13 00-0354	EA	36" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet.....	838.60	65.10
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	350.31	
		For All Plywood Box Construction, Add	121.72	
06 41 13 00-0355	EA	12" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet.....	436.15	21.70
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	467.08	
		For All Plywood Box Construction, Add	121.72	
06 41 13 00-0356	EA	15" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet.....	446.40	27.12
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	467.08	
		For All Plywood Box Construction, Add	121.72	
06 41 13 00-0357	EA	18" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet.....	484.20	32.55
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	467.08	
		For All Plywood Box Construction, Add	121.72	
06 41 13 00-0358	EA	21" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet.....	514.86	37.98
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	467.08	
		For All Plywood Box Construction, Add	121.72	
06 41 13 00-0359	EA	24" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet.....	540.97	43.40
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	467.08	
		For All Plywood Box Construction, Add	121.72	
06 41 13 00-0360	EA	27" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet.....	568.75	48.83
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	467.08	
		For All Plywood Box Construction, Add	121.72	
06 41 13 00-0361	EA	30" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet.....	793.62	54.25
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	467.08	
		For All Plywood Box Construction, Add	121.72	
06 41 13 00-0362	EA	33" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet.....	839.11	59.67
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	467.08	
		For All Plywood Box Construction, Add	121.72	
06 41 13 00-0363	EA	36" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet.....	886.10	65.10
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	467.08	
		For All Plywood Box Construction, Add	121.72	
06 41 13 00-0364		Wall Cabinets, 12" High, 12" Deep (06 41 13 00-0330)		
06 41 13 00-0365	EA	30" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	315.43	54.25
		For All Plywood Box Construction, Add	65.31	
06 41 13 00-0366	EA	33" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	336.07	59.67
		For All Plywood Box Construction, Add	65.31	
06 41 13 00-0367	EA	36" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	370.39	65.10
		For All Plywood Box Construction, Add	65.31	
06 41 13 00-0368	EA	39" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	395.12	70.53
		For All Plywood Box Construction, Add	65.31	
06 41 13 00-0369		Wall Cabinets, 14" High, 12" Deep (06 41 13 00-0330)		
06 41 13 00-0370	EA	12" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet.....	268.31	21.70
		For All Plywood Box Construction, Add	65.31	
06 41 13 00-0371	EA	15" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet.....	274.44	27.12
		For All Plywood Box Construction, Add	65.31	
06 41 13 00-0372	EA	18" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet.....	287.50	32.55
		For All Plywood Box Construction, Add	65.31	
06 41 13 00-0373	EA	21" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet.....	295.60	37.98
		For All Plywood Box Construction, Add	65.31	
06 41 13 00-0374	EA	24" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet.....	303.71	43.40
		For All Plywood Box Construction, Add	65.31	
06 41 13 00-0375	EA	30" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	317.76	54.25
		For All Plywood Box Construction, Add	65.31	
06 41 13 00-0376	EA	33" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	339.72	59.67
		For All Plywood Box Construction, Add	65.31	

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 41 Architectural Wood Casework**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0377	EA		36" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	370.39 65.31	65.10
06 41 13 00-0378	EA		39" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	395.12 65.31	70.53
06 41 13 00-0379 Wall Cabinets, 18" High, 12" Deep (06 41 13 00-0330)					
06 41 13 00-0380	EA		12" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	278.21 65.31	21.70
06 41 13 00-0381	EA		15" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	292.25 65.31	27.12
06 41 13 00-0382	EA		18" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	303.33 65.31	32.55
06 41 13 00-0383	EA		21" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	315.40 65.31	37.98
06 41 13 00-0384	EA		24" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	331.42 65.31	43.40
06 41 13 00-0385	EA		27" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	350.31 65.31	48.85
06 41 13 00-0386	EA		30" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	366.25 65.31	54.25
06 41 13 00-0387	EA		33" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	380.29 65.31	59.67
06 41 13 00-0388	EA		36" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	388.20 65.31	65.10
06 41 13 00-0389 Wall Cabinets, 30" High, 12" Deep (06 41 13 00-0330)					
06 41 13 00-0390	EA		12" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	303.54 65.31	21.70
06 41 13 00-0391	EA		15" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	330.49 65.31	27.12
06 41 13 00-0392	EA		18" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	352.24 65.31	32.55
06 41 13 00-0393	EA		21" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	378.19 65.31	37.98
06 41 13 00-0394	EA		24" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	404.17 65.31	43.40
06 41 13 00-0395	EA		27" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	442.84 65.31	48.85
06 41 13 00-0396	EA		30" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	453.82 65.31	54.25
06 41 13 00-0397	EA		33" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	493.77 65.31	59.67
06 41 13 00-0398	EA		36" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	508.95 65.31	65.10
06 41 13 00-0399 Wall Cabinets, 36" High, 12" Deep (06 41 13 00-0330)					
06 41 13 00-0400	EA		12" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	341.15 65.31	21.70
06 41 13 00-0401	EA		15" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	369.09 65.31	27.12
06 41 13 00-0402	EA		18" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	393.80 65.31	32.55
06 41 13 00-0403	EA		21" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	421.73 65.31	37.98
06 41 13 00-0404	EA		24" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	494.23 65.31	43.40



Wood, Plastics, and Composites			06	06
Architectural Woodwork			06 40	
Architectural Wood Casework			06 41	

MINOR				TOTAL DIRECT		DEMOLITION	
CSI UOM DESCRIPTION				UNIT COST		UNIT COST	
06 41 13 00-0405	EA	27" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	496.28		48.85		
		For All Plywood Box Construction, Add	65.31				
06 41 13 00-0406	EA	30" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	514.19		54.25		
		For All Plywood Box Construction, Add	65.31				
06 41 13 00-0407	EA	33" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	562.05		59.67		
		For All Plywood Box Construction, Add	65.31				
06 41 13 00-0408	EA	36" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	576.24		65.10		
		For All Plywood Box Construction, Add	65.31				
06 41 13 00-0409 Wall Cabinets, 42" High, 12" Deep (06 41 13 00-0330)							
06 41 13 00-0410	EA	12" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	379.74		21.70		
		For All Plywood Box Construction, Add	65.31				
06 41 13 00-0411	EA	15" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	414.61		27.12		
		For All Plywood Box Construction, Add	65.31				
06 41 13 00-0412	EA	18" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	441.30		32.55		
		For All Plywood Box Construction, Add	65.31				
06 41 13 00-0413	EA	21" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	468.24		37.98		
		For All Plywood Box Construction, Add	65.31				
06 41 13 00-0414	EA	24" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	510.06		43.40		
		For All Plywood Box Construction, Add	65.31				
06 41 13 00-0415	EA	27" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	543.78		48.85		
		For All Plywood Box Construction, Add	65.31				
06 41 13 00-0416	EA	30" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	571.58		54.25		
		For All Plywood Box Construction, Add	65.31				
06 41 13 00-0417	EA	33" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	625.38		59.67		
		For All Plywood Box Construction, Add	65.31				
06 41 13 00-0418	EA	36" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	644.53		65.10		
		For All Plywood Box Construction, Add	65.31				
06 41 13 00-0419 Wall Cabinets, 12" High, 23-3/4" Deep (06 41 13 00-0330)							
06 41 13 00-0420	EA	30" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	361.17		54.25		
		For All Plywood Box Construction, Add	65.31				
06 41 13 00-0421	EA	33" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	387.86		59.67		
		For All Plywood Box Construction, Add	65.31				
06 41 13 00-0422	EA	36" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	416.05		65.10		
		For All Plywood Box Construction, Add	65.31				
06 41 13 00-0423	EA	39" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	449.83		70.53		
		For All Plywood Box Construction, Add	65.31				
06 41 13 00-0424	EA	48" Wide, 12" High x 23-3/4" Deep, Triple Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	530.19		86.81		
		For All Plywood Box Construction, Add	65.31				
06 41 13 00-0425 Utility Cabinets, 84" High (06 41 13 00-0330)							
06 41 13 00-0426	EA	15" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet	692.14		48.22		
		For All Plywood Box Construction, Add	241.46				
06 41 13 00-0427	EA	18" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet	782.80		57.87		
		For All Plywood Box Construction, Add	241.46				
06 41 13 00-0428	EA	21" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet	879.41		453.30		
		For All Plywood Box Construction, Add	241.46				
06 41 13 00-0429	EA	24" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet	924.56		77.16		
		For All Plywood Box Construction, Add	241.46				
06 41 13 00-0430	EA	30" Wide, 84" High x 12" Deep, Four Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet	1,116.15		96.44		
		For All Plywood Box Construction, Add	241.46				
06 41 13 00-0431	EA	36" Wide, 84" High x 12" Deep, Four Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet	1,285.98		115.74		
		For All Plywood Box Construction, Add	241.46				
06 41 13 00-0432	EA	15" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet	781.20		48.22		
		For All Plywood Box Construction, Add	241.46				

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 41 Architectural Wood Casework**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0433	EA	18" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet.....	863.94	57.87
		<i>For All Plywood Box Construction, Add</i>	241.46	
06 41 13 00-0434	EA	21" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet.....	985.30	67.52
		<i>For All Plywood Box Construction, Add</i>	241.46	
06 41 13 00-0435	EA	24" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet.....	1,047.27	77.16
		<i>For All Plywood Box Construction, Add</i>	241.46	
06 41 13 00-0436	EA	30" Wide, 84" High x 24" Deep, Four Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet.....	1,296.26	96.44
		<i>For All Plywood Box Construction, Add</i>	241.46	
06 41 13 00-0437	EA	36" Wide, 84" High x 24" Deep, Four Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet.....	1,480.93	115.74
		<i>For All Plywood Box Construction, Add</i>	241.46	

06 41 93 Cabinet and Drawer Hardware (06 41)**06 41 93 00-0001 Cabinet Hardware (06 41 93)**

Note: Includes all finishes, and mounting screws.

06 41 93 00-0002	EA	4" To 6" Long, 1/2" Diameter, Cabinet Bar Pull.....	26.36	9.23
06 41 93 00-0003	EA	7" To 9" Long, 1/2" Diameter, Cabinet Bar Pull.....	27.22	9.23
06 41 93 00-0004	EA	10" To 12" Long, 1/2" Diameter, Cabinet Bar Pull.....	28.74	9.23
06 41 93 00-0005	EA	3" To 4-1/2", Flat Cabinet Pull Handle.....	30.42	9.23
06 41 93 00-0006	EA	5" To 6-1/2", Flat Cabinet Pull Handle.....	31.29	9.23
06 41 93 00-0007	EA	7" To 8-1/2", Flat Cabinet Pull Handle.....	40.60	9.23
06 41 93 00-0008	EA	12" To 12-1/2", Flat Cabinet Pull Handle.....	79.15	9.23
06 41 93 00-0009	EA	1-7/16" Diameter, Mushroom Cabinet Pull Knobs.....	20.56	7.05
06 41 93 00-0010	EA	3-7/16" x 1-5/8" x 1" Projection, Cabinet Cup Pull.....	20.41	7.05
06 41 93 00-0011	EA	1-1/4" Long, Finger Cabinet Pull.....	27.82	8.14
06 41 93 00-0012	EA	3" Long, Finger Cabinet Pull.....	31.88	8.14
06 41 93 00-0013	EA	4" Long, Finger Cabinet Pull.....	34.65	8.14
06 41 93 00-0014	EA	6" Long, Finger Cabinet Pull.....	38.44	8.14
06 41 93 00-0015	EA	12" Long, Finger Cabinet Pull.....	56.03	8.14
06 41 93 00-0016	EA	Cabinet Spring Loaded Adjustable Barrel Ball Catch.....	40.48	10.85
06 41 93 00-0017	EA	Cabinet Surface Mounted Square or Matchbook Latch.....	59.55	10.85
06 41 93 00-0018	EA	Cabinet Door or Drawer Mortised Lock With 2 Keys.....	156.09	16.28
06 41 93 00-0019	EA	Cabinet Door or Drawer Bored Lock with 2 Keys.....	53.40	9.23
06 41 93 00-0020	EA	Cabinet Surface Mounted Slide or Barrel Bolt Latch.....	35.98	9.23
06 41 93 00-0021	EA	Cabinet Door or Drawer Bored 4-Pin, Cam Lock With 2 Keys.....	91.51	

06 42 Wood Paneling (06 40)

Note: Includes glue for installation.

06 42 13 Wood Board Paneling (06 42)**06 42 13 00-0001 Solid Wood Paneling (06 42 13)****06 42 13 00-0002 7/16" Solid Wood Paneling, Tongue And Groove, 3" To 5" Wide (06 42 13 00-0001)**

06 42 13 00-0003	SF	Homestead Cedar Paneling Tongue And Groove, 7/16".....	9.40	2.28
06 42 13 00-0004	SF	Homestead Juniper Paneling Tongue And Groove, 7/16".....	9.87	2.28

06 42 13 00-0005 7/16" Solid Wood Paneling, Tongue And Groove, 6" To 10" Wide (06 42 13 00-0001)

06 42 13 00-0006	SF	8" Random Plank Tongue And Groove, 7/16".....	12.61	2.16
06 42 13 00-0007	SF	8" Solid Plank Tongue And Groove, 7/16".....	11.69	2.16

06 42 13 00-0008 1/2" Solid Wood Paneling, Tongue And Groove, 4" To 6" Wide (06 42 13 00-0001)

06 42 13 00-0009	SF	Alder Wood Tongue And Groove Paneling, 1/2".....	10.80	2.28

06 42 13 00-0010 1" Solid Wood Paneling, Shiplap, 6" To 8" Wide (06 42 13 00-0001)

06 42 13 00-0011	SF	1" Terebo (Driftwood) Wood Shiplap.....	7.07	1.95

06 42 16 Flush Wood Paneling (06 42)**06 42 16 00-0001 Veneer Hardboard Panels (06 42 16)**

06 42 16 00-0002	SF	1/4" Maple Veneer Paneling.....	6.21	1.97
		<i>For Waterproof Glue, Add</i>	0.12	
		<i>For Ceiling Installation, Add</i>	1.34	

06 42 16 00-0003 Plywood Unfinished With Trim 1/4" Thick (06 42 16)**06 42 16 00-0004 Birch (06 42 16 00-0003)**



Wood, Plastics, and Composites			06	06
Architectural Woodwork			06 40	
Wood Paneling			06 42	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 42 16 00-0005	SF		1/4" Unfinished Birch Plywood, Natural Faced With Trim	5.40	1.75
			For Waterproof Glue, Add	0.10	
			For Ceiling Installation, Add	1.18	
			For Installation On Metal Studs Or Furring, Add	0.43	
			For Glue Laminated Installation, Add	0.27	
			For Lumber Core, Add	0.16	
			For 1/8" Thick Paneling, Deduct	-0.52	
			For 1/2" Thick Paneling, Add	1.27	
			For 5/8" Thick Paneling, Add	1.57	
			For 3/4" Thick Paneling, Add	1.97	
			For Fire Retardant Treatment (Class I), Add	1.16	
06 42 16 00-0006	SF		1/4" Unfinished Birch Plywood, Select With Trim.....	5.51	1.75
			For Waterproof Glue, Add	0.11	
			For Ceiling Installation, Add	1.18	
			For Installation On Metal Studs Or Furring, Add	0.43	
			For Glue Laminated Installation, Add	0.28	
			For Lumber Core, Add	0.17	
			For 1/8" Thick Paneling, Deduct	-0.54	
			For 1/2" Thick Paneling, Add	1.32	
			For 5/8" Thick Paneling, Add	1.66	
			For 3/4" Thick Paneling, Add	2.08	
			For Fire Retardant Treatment (Class I), Add	1.25	
06 42 16 00-0007			Knotty Pine (06 42 16 00-0003)		
06 42 16 00-0008	SF		1/4" Knotty Pine Plywood, Grade AA Unfinished With Trim	6.31	1.97
			For Waterproof Glue, Add	0.14	
			For Ceiling Installation, Add	1.31	
			For Installation On Metal Studs Or Furring, Add	0.48	
			For Glue Laminated Installation, Add	0.32	
			For Lumber Core, Add	0.21	
			For 1/8" Thick Paneling, Deduct	-0.63	
			For 1/2" Thick Paneling, Add	1.57	
			For 5/8" Thick Paneling, Add	1.98	
			For 3/4" Thick Paneling, Add	2.50	
			For Fire Retardant Treatment (Class I), Add	1.53	
06 42 16 00-0009	SF		1/4" Knotty Pine Plywood, Grade AD Unfinished With Trim.....	6.23	1.97
			For Waterproof Glue, Add	0.13	
			For Ceiling Installation, Add	1.31	
			For Installation On Metal Studs Or Furring, Add	0.48	
			For Glue Laminated Installation, Add	0.31	
			For Lumber Core, Add	0.20	
			For 1/8" Thick Paneling, Deduct	-0.62	
			For 1/2" Thick Paneling, Add	1.53	
			For 5/8" Thick Paneling, Add	1.92	
			For 3/4" Thick Paneling, Add	2.42	
			For Fire Retardant Treatment (Class I), Add	1.47	
06 42 16 00-0010			Cedar (Aromatic - Closet Lining) (06 42 16 00-0003)		
06 42 16 00-0011	SF		1/4" Cedar Plywood, Standard Grade Unfinished With Trim, Closet Lining	6.16	2.19
			For Waterproof Glue, Add	0.09	
			For Ceiling Installation, Add	1.48	
			For Installation On Metal Studs Or Furring, Add	0.54	
			For Glue Laminated Installation, Add	0.31	
			For Lumber Core, Add	0.14	
			For 1/8" Thick Paneling, Deduct	-0.55	
			For 1/2" Thick Paneling, Add	1.26	
			For 5/8" Thick Paneling, Add	1.52	
			For 3/4" Thick Paneling, Add	1.86	
			For Fire Retardant Treatment (Class I), Add	0.98	
06 42 16 00-0012	SF		1/4" Cedar Plywood, Particle Board Unfinished With Trim, Closet Lining	6.06	2.19
			For Waterproof Glue, Add	0.08	
			For Ceiling Installation, Add	1.48	
			For Installation On Metal Studs Or Furring, Add	0.54	
			For Glue Laminated Installation, Add	0.30	
			For Lumber Core, Add	0.13	
			For 1/8" Thick Paneling, Deduct	-0.53	
			For 1/2" Thick Paneling, Add	1.21	
			For 5/8" Thick Paneling, Add	1.45	
			For 3/4" Thick Paneling, Add	1.75	
			For Fire Retardant Treatment (Class I), Add	0.90	
06 42 16 00-0013			Top Grade Plywood Prefinished With Trim 1/4" Thick (06 42 16)		

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 42 Wood Paneling**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 42 16 00-0014	SF	1/4"	Top Grade Plywood, Birch Veneer Prefinished With Trim	6.01	1.97
			For Flitch Matched Veneer, Add	0.82	
			For Second Grade Veneer, Deduct	-0.16	
			For Third Grade Veneer, Deduct	-0.25	
			For Waterproof Glue, Add	0.11	
			For Ceiling Installation, Add	1.31	
			For Installation On Metal Studs Or Furring, Add	0.48	
			For Glue Laminated Installation, Add	0.30	
			For Lumber Core, Add	0.18	
			For 1/8" Thick Paneling, Deduct	-0.58	
			For 1/2" Thick Paneling, Add	1.41	
			For 5/8" Thick Paneling, Add	1.75	
			For 3/4" Thick Paneling, Add	2.20	
			For Fire Retardant Treatment (Class I), Add	1.30	
06 42 16 00-0015	SF	1/4"	Top Grade Plywood, Cherry Veneer Prefinished With Trim	6.75	1.97
			For Flitch Matched Veneer, Add	1.19	
			For Second Grade Veneer, Deduct	-0.24	
			For Third Grade Veneer, Deduct	-0.36	
			For Waterproof Glue, Add	0.17	
			For Ceiling Installation, Add	1.31	
			For Installation On Metal Studs Or Furring, Add	0.48	
			For Glue Laminated Installation, Add	0.34	
			For Lumber Core, Add	0.26	
			For 1/8" Thick Paneling, Deduct	-0.70	
			For 1/2" Thick Paneling, Add	1.81	
			For 5/8" Thick Paneling, Add	2.31	
			For 3/4" Thick Paneling, Add	2.95	
			For Fire Retardant Treatment (Class I), Add	1.88	
06 42 16 00-0016	SF	1/4"	Top Grade Plywood, Chestnut Veneer Prefinished With Trim	10.35	1.97
			For Flitch Matched Veneer, Add	2.56	
			For Second Grade Veneer, Deduct	-0.51	
			For Third Grade Veneer, Deduct	-0.77	
			For Waterproof Glue, Add	0.36	
			For Ceiling Installation, Add	1.57	
			For Installation On Metal Studs Or Furring, Add	0.58	
			For Glue Laminated Installation, Add	0.52	
			For Lumber Core, Add	0.56	
			For 1/8" Thick Paneling, Deduct	-1.22	
			For 1/2" Thick Paneling, Add	3.39	
			For 5/8" Thick Paneling, Add	4.46	
			For 3/4" Thick Paneling, Add	5.84	
			For Fire Retardant Treatment (Class I), Add	4.04	
06 42 16 00-0017	SF	1/4"	Top Grade Plywood, Lauan Veneer Prefinished With Trim	5.01	1.97
			For Flitch Matched Veneer, Add	0.55	
			For Second Grade Veneer, Deduct	-0.11	
			For Third Grade Veneer, Deduct	-0.16	
			For Waterproof Glue, Add	0.08	
			For Ceiling Installation, Add	1.18	
			For Installation On Metal Studs Or Furring, Add	0.43	
			For Glue Laminated Installation, Add	0.25	
			For Lumber Core, Add	0.12	
			For 1/8" Thick Paneling, Deduct	-0.46	
			For 1/2" Thick Paneling, Add	1.06	
			For 5/8" Thick Paneling, Add	1.29	
			For 3/4" Thick Paneling, Add	1.58	
			For Fire Retardant Treatment (Class I), Add	0.86	
06 42 16 00-0018	SF	1/4"	Top Grade Plywood, Mahogany Veneer Prefinished With Trim	9.03	1.97
			For Flitch Matched Veneer, Add	2.06	
			For Second Grade Veneer, Deduct	-0.41	
			For Third Grade Veneer, Deduct	-0.62	
			For Waterproof Glue, Add	0.29	
			For Ceiling Installation, Add	1.48	
			For Installation On Metal Studs Or Furring, Add	0.54	
			For Glue Laminated Installation, Add	0.45	
			For Lumber Core, Add	0.45	
			For 1/8" Thick Paneling, Deduct	-1.03	
			For 1/2" Thick Paneling, Add	2.81	
			For 5/8" Thick Paneling, Add	3.67	
			For 3/4" Thick Paneling, Add	4.78	
			For Fire Retardant Treatment (Class I), Add	3.25	
06 42 16 00-0019	SF	1/4"	Top Grade Plywood, Red Oak Veneer Prefinished With Trim	6.19	1.97
			For Flitch Matched Veneer, Add	0.91	
			For Second Grade Veneer, Deduct	-0.18	
			For Third Grade Veneer, Deduct	-0.27	
			For Waterproof Glue, Add	0.13	
			For Ceiling Installation, Add	1.31	
			For Installation On Metal Studs Or Furring, Add	0.48	
			For Glue Laminated Installation, Add	0.31	
			For Lumber Core, Add	0.20	
			For 1/8" Thick Paneling, Deduct	-0.61	
			For 1/2" Thick Paneling, Add	1.51	
			For 5/8" Thick Paneling, Add	1.89	
			For 3/4" Thick Paneling, Add	2.38	
			For Fire Retardant Treatment (Class I), Add	1.44	



Wood, Plastics, and Composites			06	06
Architectural Woodwork			06 40	
Wood Paneling			06 42	

MINOR		DESCRIPTION	TOTAL DIRECT	DEMOLITION
CSI	UOM		UNIT COST	UNIT COST
06 42 16 00-0020	SF	1/4" Top Grade Plywood, Pecan Veneer Prefinished With Trim	7.33	1.97
		For Flitch Matched Veneer, Add	1.21	
		For Second Grade Veneer, Deduct	-0.24	
		For Third Grade Veneer, Deduct	-0.36	
		For Waterproof Glue, Add	0.17	
		For Ceiling Installation, Add	1.48	
		For Installation On Metal Studs Or Furring, Add	0.54	
		For Glue Laminated Installation, Add	0.37	
		For Lumber Core, Add	0.27	
		For 1/8" Thick Paneling, Deduct	-0.75	
		For 1/2" Thick Paneling, Add	1.89	
		For 5/8" Thick Paneling, Add	2.40	
		For 3/4" Thick Paneling, Add	3.05	
		For Fire Retardant Treatment (Class I), Add	1.90	
06 42 16 00-0021	SF	1/4" Top Grade Plywood, Rosewood Veneer Prefinished With Trim	11.97	1.97
		For Flitch Matched Veneer, Add	2.91	
		For Second Grade Veneer, Deduct	-0.58	
		For Third Grade Veneer, Deduct	-0.87	
		For Waterproof Glue, Add	0.41	
		For Ceiling Installation, Add	1.85	
		For Installation On Metal Studs Or Furring, Add	0.68	
		For Glue Laminated Installation, Add	0.60	
		For Lumber Core, Add	0.64	
		For 1/8" Thick Paneling, Deduct	-1.40	
		For 1/2" Thick Paneling, Add	3.88	
		For 5/8" Thick Paneling, Add	5.10	
		For 3/4" Thick Paneling, Add	6.67	
		For Fire Retardant Treatment (Class I), Add	4.60	
06 42 16 00-0022	SF	1/4" Top Grade Plywood, Teak Veneer Prefinished With Trim	9.02	1.97
		For Flitch Matched Veneer, Add	2.05	
		For Second Grade Veneer, Deduct	-0.41	
		For Third Grade Veneer, Deduct	-0.62	
		For Waterproof Glue, Add	0.29	
		For Ceiling Installation, Add	1.48	
		For Installation On Metal Studs Or Furring, Add	0.54	
		For Glue Laminated Installation, Add	0.45	
		For Lumber Core, Add	0.45	
		For 1/8" Thick Paneling, Deduct	-1.03	
		For 1/2" Thick Paneling, Add	2.80	
		For 5/8" Thick Paneling, Add	3.67	
		For 3/4" Thick Paneling, Add	4.77	
		For Fire Retardant Treatment (Class I), Add	3.24	
06 42 16 00-0023	SF	1/4" Top Grade Plywood, Walnut Veneer Prefinished With Trim	7.86	1.97
		For Flitch Matched Veneer, Add	1.75	
		For Second Grade Veneer, Deduct	-0.35	
		For Third Grade Veneer, Deduct	-0.52	
		For Waterproof Glue, Add	0.24	
		For Ceiling Installation, Add	1.31	
		For Installation On Metal Studs Or Furring, Add	0.48	
		For Glue Laminated Installation, Add	0.39	
		For Lumber Core, Add	0.38	
		For 1/8" Thick Paneling, Deduct	-0.89	
		For 1/2" Thick Paneling, Add	2.41	
		For 5/8" Thick Paneling, Add	3.14	
		For 3/4" Thick Paneling, Add	4.08	
		For Fire Retardant Treatment (Class I), Add	2.76	
06 42 16 00-0024	SF	1/4" Top Grade Plywood, Maple Veneer Prefinished With Trim	6.23	1.97
		For Flitch Matched Veneer, Add	0.93	
		For Second Grade Veneer, Deduct	-0.19	
		For Third Grade Veneer, Deduct	-0.28	
		For Waterproof Glue, Add	0.13	
		For Ceiling Installation, Add	1.31	
		For Installation On Metal Studs Or Furring, Add	0.48	
		For Glue Laminated Installation, Add	0.31	
		For Lumber Core, Add	0.20	
		For 1/8" Thick Paneling, Deduct	-0.62	
		For 1/2" Thick Paneling, Add	1.53	
		For 5/8" Thick Paneling, Add	1.92	
		For 3/4" Thick Paneling, Add	2.42	
		For Fire Retardant Treatment (Class I), Add	1.47	
06 42 16 00-0025		Accessories (06 42 16)		
06 42 16 00-0026	EA	Aluminum Panel Retainer "J" With Bolt	39.68	
06 42 19		Plastic-Laminate-Faced Wood Paneling (06 42)		
06 42 19 00-0001		Plastic Laminate (06 42 19)		
		Note: Standard colors and patterns.		
06 42 19 00-0002	SF	1/16" Plastic Laminate Faced Panel	10.86	3.80
		Note: Includes cutting to fit.		

06 43 Wood Stairs and Railings (06 40)

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 43 Wood Stairs and Railings**MINOR
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION
UNIT COST UNIT COST**06 43 13 Wood Stairs** (06 43)**06 43 13 00-0001 Stair Parts** (06 43 13)

06 43 13 00-0002	EA	30" Baluster, Pine	57.74	22.02
06 43 13 00-0003	EA	30" Baluster, Birch	69.01	22.02
06 43 13 00-0004	EA	42" Baluster, Pine	65.59	22.77
06 43 13 00-0005	EA	42" Baluster, Birch	77.61	22.77
06 43 13 00-0006	EA	3-1/4" Wide Newels, Starting	349.01	86.55
06 43 13 00-0007	EA	3-1/4" Wide Newels, Landing	511.58	121.47
06 43 13 00-0008	LF	Oak Gooseneck, 1 Riser	205.67	75.92
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	24.93	
06 43 13 00-0009	LF	Oak Gooseneck, 2 Riser	241.79	83.41
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	27.40	
06 43 13 00-0010	LF	Oak Handrail, 2-1/2" x 3" With Quarter Turn	42.46	11.39
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	3.74	
06 43 13 00-0011	LF	1-1/16" x 9-1/2" Oak Stair Tread	56.29	6.40
		<i>For Beech, Add</i>	13.07	
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	2.93	
06 43 13 00-0012	LF	1-1/16" x 11-1/2" Oak Stair Tread	68.69	6.40
		<i>For Beech, Add</i>	16.79	
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	2.93	
06 43 13 00-0013	LF	1-1/16" x 11-1/2" Pine Stair Tread	30.29	6.40
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	2.93	
06 43 13 00-0014	LF	3/4" x 7-1/2" High Beech Riser	41.83	6.61
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	3.05	
06 43 13 00-0015	LF	3/4" x 7-1/2" High Oak Riser	39.20	6.61
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	3.05	
06 43 13 00-0016	LF	3/4" x 7-1/2" High Fir Riser	22.30	6.61
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	3.05	
06 43 13 00-0017	LF	3/4" x 7-1/2" High Pine Riser	21.47	6.61
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	3.05	
06 43 13 00-0018	SF	Framed Stair Landings, 3/4" Plywood Surface, Per SF Of Landing	45.86	

06 43 13 00-0019 Interior Box Stairs (06 43 13)

Note: Factory cut and assembled straight closed box stairs, unfinished.

06 43 13 00-0020	EA	30" Wide Pine Box Stair, Per Riser	307.75	66.05
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	21.70	
		<i>For Prefinished Stair Rail With Balusters And Newel, Add</i>	72.30	
		<i>For Each LF Of Prefinished Handrail, Brackets And Baluster, Add</i>	23.79	
		<i>For Oak Or Maple Treads, Add</i>	96.03	
06 43 13 00-0021	EA	32" Wide Pine Box Stair, Per Riser	326.71	67.57
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	22.19	
		<i>For Prefinished Stair Rail With Balusters And Newel, Add</i>	72.95	
		<i>For Each LF Of Prefinished Handrail, Brackets And Baluster, Add</i>	24.06	
		<i>For Oak Or Maple Treads, Add</i>	103.60	
06 43 13 00-0022	EA	34" Wide Pine Box Stair, Per Riser	344.63	68.33
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	22.45	
		<i>For Prefinished Stair Rail With Balusters And Newel, Add</i>	73.28	
		<i>For Each LF Of Prefinished Handrail, Brackets And Baluster, Add</i>	24.20	
		<i>For Oak Or Maple Treads, Add</i>	111.16	
06 43 13 00-0023	EA	36" Wide Pine Box Stair, Per Riser	365.40	69.09
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	22.69	
		<i>For Prefinished Stair Rail With Balusters And Newel, Add</i>	73.60	
		<i>For Each LF Of Prefinished Handrail, Brackets And Baluster, Add</i>	24.33	
		<i>For Oak Or Maple Treads, Add</i>	120.03	
06 43 13 00-0024	EA	38" Wide Pine Box Stair, Per Riser	377.62	69.85
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	22.94	
		<i>For Prefinished Stair Rail With Balusters And Newel, Add</i>	73.93	
		<i>For Each LF Of Prefinished Handrail, Brackets And Baluster, Add</i>	24.47	
		<i>For Oak Or Maple Treads, Add</i>	125.04	
06 43 13 00-0025	EA	40" Wide Pine Box Stair, Per Riser	390.94	71.37
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	23.44	
		<i>For Prefinished Stair Rail With Balusters And Newel, Add</i>	74.58	
		<i>For Each LF Of Prefinished Handrail, Brackets And Baluster, Add</i>	24.74	
		<i>For Oak Or Maple Treads, Add</i>	130.05	
06 43 13 00-0026	EA	42" Wide Pine Box Stair, Per Riser	403.17	72.12
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	23.69	
		<i>For Prefinished Stair Rail With Balusters And Newel, Add</i>	74.91	
		<i>For Each LF Of Prefinished Handrail, Brackets And Baluster, Add</i>	24.88	
		<i>For Oak Or Maple Treads, Add</i>	135.07	
06 43 13 00-0027	EA	44" Wide Pine Box Stair, Per Riser	415.41	72.89
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	23.95	
		<i>For Prefinished Stair Rail With Balusters And Newel, Add</i>	75.24	
		<i>For Each LF Of Prefinished Handrail, Brackets And Baluster, Add</i>	25.02	
		<i>For Oak Or Maple Treads, Add</i>	140.08	
06 43 13 00-0028	EA	46" Wide Pine Box Stair, Per Riser	427.60	73.64
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	24.19	
		<i>For Prefinished Stair Rail With Balusters And Newel, Add</i>	75.55	
		<i>For Each LF Of Prefinished Handrail, Brackets And Baluster, Add</i>	25.15	
		<i>For Oak Or Maple Treads, Add</i>	145.09	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 43 13 00-0029 EA 48" Wide Pine Box Stair, Per Riser..... For Curved Surfaces With A 2'-0" Maximum Radius, Add For Prefinished Stair Rail With Balusters And Newel, Add For Each LF Of Prefinished Handrail, Brackets And Baluster, Add For Oak Or Maple Treads, Add	441.90 24.94 76.54 25.56 150.05	75.92
06 43 16 Wood Railings (06 43)		
06 43 16 00-0001 Handrails (06 43 16)		
06 43 16 00-0002 Wood Handrail With Brackets (06 43 16 00-0001) Note: Includes pine, fir or red oak interior grade or pressure treated exterior grade handrail with brackets.		
06 43 16 00-0003 LF 1-1/2" x 1-11/16", Wood Handrail With Brackets For Curved Surfaces With A 2'-0" Maximum Radius, Add	18.43 2.49	5.43
06 43 16 00-0004 LF 1-7/8" x 2-5/8", Wood Handrail With Brackets For Curved Surfaces With A 2'-0" Maximum Radius, Add	9.96 2.49	5.43
06 43 16 00-0005 LF 1-1/2" Diameter, Wood Handrail With Brackets.....	25.07	5.43
06 43 16 00-0006 LF 1-3/4" Diameter, Wood Handrail With Brackets.....	26.35	5.43
06 43 16 00-0007 LF 2" Diameter, Wood Handrail With Brackets.....	30.94	5.43
06 43 16 00-0008 LF 2-1/2" Diameter, Wood Handrail With Brackets.....	45.12	5.43
06 44 Ornamental Woodwork (06 44)		
06 44 39 Wood Posts and Columns (06 44)		
06 44 39 00-0001 Columns (06 44 39)		
06 44 39 00-0002 Pine Colonial Columns, Round Tapered With Cap And Base (06 44 39 00-0001) Note: Paint grade/finger jointed pine.		
06 44 39 00-0003 LF 6" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	78.38	6.84
06 44 39 00-0004 LF 8" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	97.72	10.00
06 44 39 00-0005 LF 10" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	120.15	11.57
06 44 39 00-0006 LF 12" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	144.30	12.09
06 44 39 00-0007 LF 14" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	325.80	13.68
06 44 39 00-0008 LF 16" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	378.82	14.73
06 44 39 00-0009 LF 18" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	456.55	15.78
06 44 39 00-0010 LF 20" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	545.65	16.83
06 44 39 00-0011 LF 6" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	90.53	6.84
06 44 39 00-0012 LF 8" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	107.47	10.00
06 44 39 00-0013 LF 10" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	133.61	11.57
06 44 39 00-0014 LF 12" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	158.68	12.09
06 44 39 00-0015 LF 14" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	355.03	13.68
06 44 39 00-0016 LF 16" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	483.67	14.73
06 44 39 00-0017 LF 18" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	521.51	15.78
06 44 39 00-0018 LF 20" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	587.41	16.83
06 44 39 00-0019 Pine Colonial Columns, Round Non-Tapered With Cap And Base (06 44 39 00-0001) Note: Paint grade/finger jointed pine.		
06 44 39 00-0020 LF 6" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	94.71	6.84
06 44 39 00-0021 LF 8" Diameter Plain Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base.....	116.28	10.00
06 44 39 00-0022 LF 10" Diameter Plain Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base.....	144.28	11.57
06 44 39 00-0023 LF 12" Diameter Plain Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base.....	174.46	12.09
06 44 39 00-0024 LF 14" Diameter Plain Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base.....	401.47	13.68
06 44 39 00-0025 LF 16" Diameter Plain Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base.....	467.44	14.73
06 44 39 00-0026 LF 18" Diameter Plain Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base.....	564.33	15.78
06 44 39 00-0027 LF 20" Diameter Plain Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base.....	675.47	16.83
06 44 39 00-0028 LF 6" Diameter Fluted Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base.....	109.93	6.84
06 44 39 00-0029 LF 8" Diameter Fluted Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base.....	129.60	10.00
06 44 39 00-0030 LF 10" Diameter Fluted Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base.....	161.72	11.57
06 44 39 00-0031 LF 12" Diameter Fluted Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base.....	192.93	12.09
06 44 39 00-0032 LF 14" Diameter Fluted Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base.....	438.08	13.68
06 44 39 00-0033 LF 16" Diameter Fluted Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base.....	598.88	14.73
06 44 39 00-0034 LF 18" Diameter Fluted Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base.....	645.76	15.78
06 44 39 00-0035 LF 20" Diameter Fluted Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base.....	727.85	16.83
06 44 39 00-0036 Pine Classical Columns, Round Tapered With Cap And Base (06 44 39 00-0001) Note: Paint grade/finger jointed pine.		
06 44 39 00-0037 LF 6" Diameter Plain Column, Pine Classical Columns, Round Tapered With Cap And Base.....	84.16	6.84
06 44 39 00-0038 LF 8" Diameter Plain Column, Pine Classical Columns, Round Tapered With Cap And Base.....	104.67	10.00
06 44 39 00-0039 LF 10" Diameter Plain Column, Pine Classical Columns, Round Tapered With Cap And Base.....	128.89	11.57
06 44 39 00-0040 LF 12" Diameter Plain Column, Pine Classical Columns, Round Tapered With Cap And Base.....	155.12	12.09
06 44 39 00-0041 LF 6" Diameter Fluted Column, Pine Classical Columns, Round Tapered With Cap And Base.....	97.40	6.84
06 44 39 00-0042 LF 8" Diameter Fluted Column, Pine Classical Columns, Round Tapered With Cap And Base.....	115.29	10.00
06 44 39 00-0043 LF 10" Diameter Fluted Column, Pine Classical Columns, Round Tapered With Cap And Base.....	143.56	11.57
06 44 39 00-0044 LF 12" Diameter Fluted Column, Pine Classical Columns, Round Tapered With Cap And Base.....	170.80	12.09
06 44 39 00-0045 Redwood Colonial Columns, Round Tapered With Cap And Base (06 44 39 00-0001) Note: Paint grade/finger jointed redwood.		

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 44 Ornamental Woodwork**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

06 44 39 00-0046	LF	6" Diameter Plain Column, Redwood Colonial Columns, Round Tapered With Cap And Base.....	132.76	6.84
06 44 39 00-0047	LF	8" Diameter Plain Column, Redwood Colonial Columns, Round Tapered With Cap And Base.....	158.97	10.00
06 44 39 00-0048	LF	10" Diameter Plain Column, Redwood Colonial Columns, Round Tapered With Cap And Base.....	198.56	11.57
06 44 39 00-0049	LF	12" Diameter Plain Column, Redwood Colonial Columns, Round Tapered With Cap And Base.....	243.59	12.09
06 44 39 00-0050	LF	6" Diameter Fluted Column, Redwood Colonial Columns, Round Tapered With Cap And Base.....	153.17	6.84
06 44 39 00-0051	LF	8" Diameter Fluted Column, Redwood Colonial Columns, Round Tapered With Cap And Base.....	180.77	10.00
06 44 39 00-0052	LF	10" Diameter Fluted Column, Redwood Colonial Columns, Round Tapered With Cap And Base.....	224.08	11.57
06 44 39 00-0053	LF	12" Diameter Fluted Column, Redwood Colonial Columns, Round Tapered With Cap And Base.....	277.00	12.09

06 44 39 00-0054 Ornamental Or Decorative Cap And Bases, Resin (06 44 39 00-0001)

Note: For tapered wood columns.

06 44 39 00-0055	EA	6" Resin Corinthian Capital And Base	418.13	14.20
06 44 39 00-0056	EA	8" Resin Corinthian Capital And Base	634.72	15.78
06 44 39 00-0057	EA	10" Resin Corinthian Capital And Base	885.88	18.41
06 44 39 00-0058	EA	12" Resin Corinthian Capital And Base	1,132.41	21.04
06 44 39 00-0059	EA	6" Resin Greek Erectheum Cap And Base	371.74	14.20
06 44 39 00-0060	EA	8" Resin Greek Erectheum Cap And Base	518.73	15.78
06 44 39 00-0061	EA	10" Resin Greek Erectheum Cap And Base	644.62	18.41
06 44 39 00-0062	EA	12" Resin Greek Erectheum Cap And Base	844.74	21.04
06 44 39 00-0063	EA	6" Resin Roman Ionic Capital And Base.....	391.35	14.73
06 44 39 00-0064	EA	8" Resin Roman Ionic Capital And Base.....	518.73	15.78
06 44 39 00-0065	EA	10" Resin Roman Ionic Capital And Base.....	644.62	18.41
06 44 39 00-0066	EA	12" Resin Roman Ionic Capital And Base.....	821.55	21.04
06 44 39 00-0067	EA	6" Resin Scamozzi Capital And Base	395.98	14.73
06 44 39 00-0068	EA	8" Resin Scamozzi Capital And Base	565.12	15.78
06 44 39 00-0069	EA	10" Resin Scamozzi Capital And Base	667.82	18.41
06 44 39 00-0070	EA	12" Resin Scamozzi Capital And Base	918.98	21.04
06 44 39 00-0071	EA	6" Resin Temple Of Winds Cap And Base.....	395.98	14.73
06 44 39 00-0072	EA	8" Resin Temple Of Winds Cap And Base.....	616.16	15.78
06 44 39 00-0073	EA	10" Resin Temple Of Winds Cap And Base.....	816.29	18.41
06 44 39 00-0074	EA	12" Resin Temple Of Winds Cap And Base.....	1,011.77	21.04

06 44 39 00-0075 Ornamental Or Decorative Cap And Bases, Plaster (06 44 39 00-0001)

Note: For tapered wood columns.

06 44 39 00-0076	EA	6" Plaster Corinthian Capital And Base	849.62	14.20
06 44 39 00-0077	EA	8" Plaster Corinthian Capital And Base	954.86	15.78
06 44 39 00-0078	EA	10" Plaster Corinthian Capital And Base	1,215.30	18.41
06 44 39 00-0079	EA	12" Plaster Corinthian Capital And Base	1,336.55	21.04
06 44 39 00-0080	EA	6" Plaster Greek Erectheum Cap And Base	561.96	14.20
06 44 39 00-0081	EA	8" Plaster Greek Erectheum Cap And Base	653.28	15.78
06 44 39 00-0082	EA	10" Plaster Greek Erectheum Cap And Base	807.01	18.41
06 44 39 00-0083	EA	12" Plaster Greek Erectheum Cap And Base	1,016.41	21.04
06 44 39 00-0084	EA	6" Plaster Roman Ionic Capital And Base.....	539.81	14.73
06 44 39 00-0085	EA	8" Plaster Roman Ionic Capital And Base.....	708.95	15.78
06 44 39 00-0086	EA	10" Plaster Roman Ionic Capital And Base.....	858.04	18.41
06 44 39 00-0087	EA	12" Plaster Roman Ionic Capital And Base.....	1,016.41	21.04
06 44 39 00-0088	EA	6" Plaster Scamozzi Capital And Base	641.89	14.73
06 44 39 00-0089	EA	8" Plaster Scamozzi Capital And Base	852.78	15.78
06 44 39 00-0090	EA	10" Plaster Scamozzi Capital And Base	960.12	18.41
06 44 39 00-0091	EA	12" Plaster Scamozzi Capital And Base	1,220.56	21.04
06 44 39 00-0092	EA	6" Plaster Temple Of Winds Cap And Base.....	539.81	14.73
06 44 39 00-0093	EA	8" Plaster Temple Of Winds Cap And Base.....	699.67	15.78
06 44 39 00-0094	EA	10" Plaster Temple Of Winds Cap And Base.....	913.72	18.41
06 44 39 00-0095	EA	12" Plaster Temple Of Winds Cap And Base.....	1,169.52	21.04
06 44 39 00-0096	EA	6" Plaster Empire Capital And Base	609.41	14.73
06 44 39 00-0097	EA	8" Plaster Empire Capital And Base	746.07	15.78
06 44 39 00-0098	EA	10" Plaster Empire Capital And Base	909.08	18.41
06 44 39 00-0099	EA	12" Plaster Empire Capital And Base	1,016.41	21.04

06 46 Wood Trim (06 40)**06 46 13 Wood Door and Window Casings (06 46)****06 46 13 00-0001 Door and Window Casings (06 46 13)**

06 46 13 00-0002	LF	1-1/8" Wide Plain Pine Door And Window Molding.....	5.28	1.73
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.89	
06 46 13 00-0003	LF	1-1/8" Wide Detailed Pine Door And Window Molding.....	5.34	1.73
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.89	
06 46 13 00-0004	LF	2-1/2" Wide Pine Complete Door And Window Trim.....	6.85	1.73
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.89	

06 46 19 Wood Base and Shoe Moldings (06 46)**06 46 19 00-0001 Base And Shoe Molding (06 46 19)**

06 46 19 00-0002	LF	1/2" x 1/2" Pine Quarter Round Trim.....	5.38	2.06
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	1.04	
06 46 19 00-0003	LF	3/4" x 3/4" Pine Quarter Round Trim.....	5.81	2.06
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	1.04	



MINOR			TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
06 46 19 00-0004	LF	3-1/2" High White Pine Base Molding, All Dimensions Are Nominal.....	7.10	1.30
		For Clear Birch, Add	0.88	
		For Clear Mahogany, Oak, Maple Or Walnut, Add	1.68	
		For Stain Grade Material (No Finger Joints), Add	0.50	
		For Clear Poplar, Add	0.55	
06 46 19 00-0005	LF	4-1/2" High White Pine Base Molding, All Dimensions Are Nominal.....	8.61	1.63
		For Clear Birch, Add	1.02	
		For Clear Mahogany, Oak, Maple Or Walnut, Add	1.97	
		For Stain Grade Material (No Finger Joints), Add	0.57	
		For Clear Poplar, Add	0.64	
06 46 19 00-0006	LF	5-1/2" High White Pine Base Molding, All Dimensions Are Nominal.....	10.89	1.84
		For Clear Birch, Add	1.57	
		For Clear Mahogany, Oak, Maple Or Walnut, Add	2.81	
		For Stain Grade Material (No Finger Joints), Add	0.89	
		For Clear Poplar, Add	0.98	
06 46 19 00-0007	LF	3/4" x 1" Oak Base Shoe	6.93	2.06
06 46 19 00-0008	LF	3/4" x 1" White Pine Base Shoe, Stain Grade.....	6.68	2.06
06 46 19 00-0009	LF	3/4" x 1" White Pine Base Shoe, Paint Grade.....	6.13	2.06
06 46 23 Wood Chair Rails (06 46)				
06 46 23 00-0001 Chair Rails (06 46 23)				
06 46 23 00-0002	LF	5/8" x 2-1/2" White Pine Shaped Chair Rail.....	8.87	1.95
		For Birch, Add	1.45	
		For Mahogany, Oak, Maple Or Walnut, Add	2.47	
		For Poplar, Add	0.91	
06 46 23 00-0003	LF	5/8" x 3-1/2" White Pine Shaped Chair Rail.....	11.16	1.95
		For Birch, Add	2.18	
		For Mahogany, Oak, Maple Or Walnut, Add	3.50	
		For Poplar, Add	1.36	
06 46 23 00-0004	LF	1/2" x 1-5/8" White Pine Shaped Chair Rail.....	6.56	1.95
		For Birch, Add	1.06	
		For Mahogany, Oak, Maple Or Walnut, Add	1.81	
		For Poplar, Add	0.66	
06 46 26 Wood Cornices (06 46)				
06 46 26 00-0001 Wood Cornices (06 46 26)				
06 46 26 00-0002	LF	1" x 2" White Pine Cornices, All Dimensions Are Nominal.....	6.40	1.95
		For Birch, Add	0.74	
		For Mahogany, Oak, Maple, Or Walnut, Add	1.36	
		For Poplar, Add	0.93	
06 46 26 00-0003	LF	1" x 4" White Pine Cornices, All Dimensions Are Nominal.....	8.25	2.06
		For Birch, Add	1.34	
		For Mahogany, Oak, Maple, Or Walnut, Add	2.13	
		For Poplar, Add	1.68	
06 46 26 00-0004	LF	1" x 6" White Pine Cornices, All Dimensions Are Nominal.....	11.82	2.16
		For Birch, Add	2.56	
		For Mahogany, Oak, Maple, Or Walnut, Add	3.67	
		For Poplar, Add	3.20	
06 46 26 00-0005	LF	1" x 8" White Pine Cornices, All Dimensions Are Nominal.....	13.76	2.16
		For Birch, Add	3.18	
		For Mahogany, Oak, Maple, Or Walnut, Add	4.47	
		For Poplar, Add	3.97	
06 46 26 00-0006	LF	1" x 10" White Pine Cornices, All Dimensions Are Nominal.....	16.00	2.28
		For Birch, Add	3.90	
		For Mahogany, Oak, Maple, Or Walnut, Add	5.39	
		For Poplar, Add	4.88	
06 46 26 00-0007	LF	1" x 12" White Pine Cornices, All Dimensions Are Nominal.....	20.85	2.50
		For Birch, Add	5.55	
		For Mahogany, Oak, Maple, Or Walnut, Add	7.48	
		For Poplar, Add	6.94	
06 46 29 Wood Fasciae and Soffits (06 46)				
06 46 29 00-0001 Fascia Board (06 46 29)				
06 46 29 00-0002 Pine Fascia Board (06 46 29 00-0001)				
06 46 29 00-0003	LF	1" x 6" Pine Fascia Board	5.04	2.16
06 46 29 00-0004	LF	1" x 8" Pine Fascia Board	5.76	2.41
06 46 29 00-0005	LF	1" x 10" Pine Fascia Board	6.21	2.53
06 46 29 00-0006	LF	1" x 12" Pine Fascia Board	7.29	2.83
06 46 29 00-0007	LF	2" x 6" Pine Fascia Board	4.99	2.16
06 46 29 00-0008	LF	2" x 8" Pine Fascia Board	5.68	2.41
06 46 29 00-0009	LF	2" x 10" Pine Fascia Board	6.32	2.53
06 46 29 00-0010	LF	2" x 12" Pine Fascia Board	7.61	2.83
06 46 29 00-0011	LF	2" x 6" Trim, Exterior, Pine, Resawn Fascia	6.90	2.16
06 46 29 00-0012	LF	2" x 8" Trim, Exterior, Pine, Resawn Fascia	8.19	2.41
06 46 29 00-0013	LF	2" x 10" Trim, Exterior, Pine, Resawn Fascia	9.34	2.53
06 46 29 00-0014	LF	2" x 12" Trim, Exterior, Pine, Resawn Fascia	12.13	2.83

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 46 Wood Trim**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

06 46 29 00-0015 Cedar Fascia Board (06 46 29 00-0001)			
06 46 29 00-0016	LF	1" x 6" Cedar Fascia Board.....	5.38 2.16
06 46 29 00-0017	LF	1" x 8" Cedar Fascia Board.....	6.28 2.41
06 46 29 00-0018	LF	1" x 10" Cedar Fascia Board.....	7.22 2.53
06 46 29 00-0019	LF	1" x 12" Cedar Fascia Board.....	8.71 2.83
06 46 29 00-0020 Engineered Wood Fascia Board (06 46 29 00-0001)			
06 46 29 00-0021	LF	1" x 6" Engineered Wood Fascia Board.....	4.85 2.16
06 46 29 00-0022	LF	1" x 8" Engineered Wood Fascia Board.....	5.50 2.41
06 46 29 00-0023	LF	1" x 12" Engineered Wood Fascia Board.....	6.68 2.83
06 46 29 00-0024 Soffit (06 46 29)			
06 46 29 00-0025 Sanded Plywood Soffit (06 46 29 00-0024)			
06 46 29 00-0026	SF	3/8" Thick, Sanded Plywood Soffit.....	4.49 1.64
06 46 29 00-0027	SF	1/2" Thick, Sanded Plywood Soffit.....	4.94 1.73
06 46 29 00-0028	SF	5/8" Thick, Sanded Plywood Soffit.....	5.19 1.80
06 46 29 00-0029	SF	3/4" Thick, Sanded Plywood Soffit.....	5.76 1.90
06 46 29 00-0030 MDO Plywood Soffit (06 46 29 00-0024)			
06 46 29 00-0031	SF	3/8" Thick, MDO Plywood Soffit.....	5.05 1.64
06 46 29 00-0032	SF	1/2" Thick, MDO Plywood Soffit.....	5.65 1.73
06 46 29 00-0033	SF	3/4" Thick, MDO Plywood Soffit.....	7.13 1.90
06 46 29 00-0034 Exterior Ceiling Gypsum Board Soffit (06 46 29 00-0024)			
06 46 29 00-0035	SF	1/2" Thick, Exterior Ceiling Gypsum Board Soffit.....	3.63 1.43
06 46 29 00-0036	SF	5/8" Thick, Fire Rated, Exterior Ceiling Gypsum Board Soffit.....	3.94 1.50

06 46 36 Custom Wood Molding (06 46)

Note: Includes set-up, knife charge, gluing (Where necessary for widths over 7-1/2"). All dimensions are nominal.

06 46 36 00-0001 Ash (06 46 36)			
06 46 36 00-0002	LF	3/4" x 1-1/2" Custom Shaped Ash.....	8.46 1.20
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.88
06 46 36 00-0003	LF	3/4" x 2-1/2" Custom Shaped Ash.....	10.90 1.20
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.91
06 46 36 00-0004	LF	3/4" x 3-1/2" Custom Shaped Ash.....	13.35 1.20
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.94
06 46 36 00-0005	LF	3/4" x 4-1/2" Custom Shaped Ash.....	15.79 1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.96
06 46 36 00-0006	LF	3/4" x 5-1/2" Custom Shaped Ash.....	18.35 1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	1.02
06 46 36 00-0007	LF	3/4" x 6-1/2" Custom Shaped Ash.....	20.91 1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	1.07
06 46 36 00-0008	LF	3/4" x 7-1/2" Custom Shaped Ash.....	23.34 1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	1.10
06 46 36 00-0009	LF	3/4" x 8-1/2" Custom Shaped Ash.....	25.81 1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	1.13
06 46 36 00-0010	LF	3/4" x 9-1/2" Custom Shaped Ash.....	28.19 1.52
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	1.15
06 46 36 00-0011	LF	3/4" x 10-1/2" Custom Shaped Ash.....	30.78 1.52
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	1.21
06 46 36 00-0012	LF	3/4" x 11-1/2" Custom Shaped Ash.....	33.27 1.63
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	1.25
06 46 36 00-0013	LF	1" x 1-1/2" Custom Shaped Ash.....	10.17 1.20
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.90
06 46 36 00-0014	LF	1" x 2-1/2" Custom Shaped Ash.....	13.38 1.20
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.93
06 46 36 00-0015	LF	1" x 3-1/2" Custom Shaped Ash.....	16.60 1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.96
06 46 36 00-0016	LF	1" x 4-1/2" Custom Shaped Ash.....	19.82 1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.99
06 46 36 00-0017	LF	1" x 5-1/2" Custom Shaped Ash.....	23.21 1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	1.04
06 46 36 00-0018	LF	1" x 6-1/2" Custom Shaped Ash.....	26.54 1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	1.10
06 46 36 00-0019	LF	1" x 7-1/2" Custom Shaped Ash.....	29.75 1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	1.12
06 46 36 00-0020	LF	1" x 8-1/2" Custom Shaped Ash.....	32.98 1.52
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	1.16
06 46 36 00-0021	LF	1" x 9-1/2" Custom Shaped Ash.....	36.20 1.52
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	1.17
06 46 36 00-0022	LF	1" x 10-1/2" Custom Shaped Ash.....	39.56 1.63
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	1.24
06 46 36 00-0023	LF	1" x 11-1/2" Custom Shaped Ash.....	42.82 1.63
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	1.27



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0024	LF	1-1/4" x 1-1/2" Custom Shaped Ash	.....	12.33	1.20
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	0.93	
06 46 36 00-0025	LF	1-1/4" x 2-1/2" Custom Shaped Ash	.....	16.59	1.20
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	0.96	
06 46 36 00-0026	LF	1-1/4" x 3-1/2" Custom Shaped Ash	.....	20.85	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	0.98	
06 46 36 00-0027	LF	1-1/4" x 4-1/2" Custom Shaped Ash	.....	25.11	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.01	
06 46 36 00-0028	LF	1-1/4" x 5-1/2" Custom Shaped Ash	.....	29.51	1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.07	
06 46 36 00-0029	LF	1-1/4" x 6-1/2" Custom Shaped Ash	.....	33.89	1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.12	
06 46 36 00-0030	LF	1-1/4" x 7-1/2" Custom Shaped Ash	.....	38.14	1.52
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.15	
06 46 36 00-0031	LF	1-1/4" x 8-1/2" Custom Shaped Ash	.....	42.42	1.52
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.18	
06 46 36 00-0032	LF	1-1/4" x 9-1/2" Custom Shaped Ash	.....	46.64	1.52
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.20	
06 46 36 00-0033	LF	1-1/4" x 10-1/2" Custom Shaped Ash	.....	51.05	1.63
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.26	
06 46 36 00-0034	LF	1-1/4" x 11-1/2" Custom Shaped Ash	.....	55.36	1.73
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.30	
06 46 36 00-0035	LF	1-1/2" x 1-1/2" Custom Shaped Ash	.....	15.42	1.20
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	0.95	
06 46 36 00-0036	LF	1-1/2" x 2-1/2" Custom Shaped Ash	.....	21.17	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	0.98	
06 46 36 00-0037	LF	1-1/2" x 3-1/2" Custom Shaped Ash	.....	26.93	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.01	
06 46 36 00-0038	LF	1-1/2" x 4-1/2" Custom Shaped Ash	.....	32.68	1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.04	
06 46 36 00-0039	LF	1-1/2" x 5-1/2" Custom Shaped Ash	.....	38.45	1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.07	
06 46 36 00-0040	LF	1-1/2" x 6-1/2" Custom Shaped Ash	.....	44.44	1.52
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.15	
06 46 36 00-0041	LF	1-1/2" x 7-1/2" Custom Shaped Ash	.....	50.28	1.52
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.17	
06 46 36 00-0042	LF	1-1/2" x 8-1/2" Custom Shaped Ash	.....	55.97	1.52
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.21	
06 46 36 00-0043	LF	1-1/2" x 9-1/2" Custom Shaped Ash	.....	61.66	1.63
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.22	
06 46 36 00-0044	LF	1-1/2" x 10-1/2" Custom Shaped Ash	.....	68.12	1.63
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.29	
06 46 36 00-0045	LF	1-1/2" x 11-1/2" Custom Shaped Ash	.....	73.37	1.73
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.32	
06 46 36 00-0046		Basswood (06 46 36)			
06 46 36 00-0047	LF	3/4" x 1-1/2" Custom Shaped Basswood	.....	6.91	1.20
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	0.88	
06 46 36 00-0048	LF	3/4" x 2-1/2" Custom Shaped Basswood	.....	8.58	1.20
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	0.91	
06 46 36 00-0049	LF	3/4" x 3-1/2" Custom Shaped Basswood	.....	10.26	1.20
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	0.94	
06 46 36 00-0050	LF	3/4" x 4-1/2" Custom Shaped Basswood	.....	11.92	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	0.96	
06 46 36 00-0051	LF	3/4" x 5-1/2" Custom Shaped Basswood	.....	13.71	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.02	
06 46 36 00-0052	LF	3/4" x 6-1/2" Custom Shaped Basswood	.....	15.50	1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.07	
06 46 36 00-0053	LF	3/4" x 7-1/2" Custom Shaped Basswood	.....	17.15	1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.10	
06 46 36 00-0054	LF	3/4" x 8-1/2" Custom Shaped Basswood	.....	18.85	1.52
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.13	
06 46 36 00-0055	LF	3/4" x 9-1/2" Custom Shaped Basswood	.....	20.46	1.52
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.15	
06 46 36 00-0056	LF	3/4" x 10-1/2" Custom Shaped Basswood	.....	22.27	1.63
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.21	
06 46 36 00-0057	LF	3/4" x 11-1/2" Custom Shaped Basswood	.....	23.99	1.63
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.25	
06 46 36 00-0058	LF	1" x 1-1/2" Custom Shaped Basswood	.....	7.96	1.20
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	0.90	
06 46 36 00-0059	LF	1" x 2-1/2" Custom Shaped Basswood	.....	10.07	1.20
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	0.93	
06 46 36 00-0060	LF	1" x 3-1/2" Custom Shaped Basswood	.....	12.18	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	0.96	
06 46 36 00-0061	LF	1" x 4-1/2" Custom Shaped Basswood	.....	14.30	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	0.99	
06 46 36 00-0062	LF	1" x 5-1/2" Custom Shaped Basswood	.....	16.58	1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.04	
06 46 36 00-0063	LF	1" x 6-1/2" Custom Shaped Basswood	.....	18.81	1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.10	
06 46 36 00-0064	LF	1" x 7-1/2" Custom Shaped Basswood	.....	20.91	1.52
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.12	

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 46 Wood Trim**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0065	LF		1" x 8-1/2" Custom Shaped Basswood.....	23.04	1.52
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.16	
06 46 36 00-0066	LF		1" x 9-1/2" Custom Shaped Basswood.....	25.15	1.52
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.17	
06 46 36 00-0067	LF		1" x 10-1/2" Custom Shaped Basswood.....	27.41	1.63
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.24	
06 46 36 00-0068	LF		1" x 11-1/2" Custom Shaped Basswood.....	29.57	1.63
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.27	
06 46 36 00-0069	LF		1-1/2" x 1-1/2" Custom Shaped Basswood.....	11.11	1.20
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.93	
06 46 36 00-0070	LF		1-1/2" x 2-1/2" Custom Shaped Basswood.....	14.76	1.20
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.96	
06 46 36 00-0071	LF		1-1/2" x 3-1/2" Custom Shaped Basswood.....	18.42	1.30
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.98	
06 46 36 00-0072	LF		1-1/2" x 4-1/2" Custom Shaped Basswood.....	22.08	1.30
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.01	
06 46 36 00-0073	LF		1-1/2" x 5-1/2" Custom Shaped Basswood.....	25.86	1.41
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.07	
06 46 36 00-0074	LF		1-1/2" x 6-1/2" Custom Shaped Basswood.....	29.63	1.52
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.12	
06 46 36 00-0075	LF		1-1/2" x 7-1/2" Custom Shaped Basswood.....	33.28	1.52
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.15	
06 46 36 00-0076	LF		1-1/2" x 8-1/2" Custom Shaped Basswood.....	36.96	1.52
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.18	
06 46 36 00-0077	LF		1-1/2" x 9-1/2" Custom Shaped Basswood.....	40.56	1.52
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.20	
06 46 36 00-0078	LF		1-1/2" x 10-1/2" Custom Shaped Basswood.....	44.36	1.63
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.26	
06 46 36 00-0079	LF		1-1/2" x 11-1/2" Custom Shaped Basswood.....	48.07	1.73
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.30	
06 46 36 00-0080	LF		3-1/2" x 3-1/2" Custom Shaped Basswood.....	45.32	1.41
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.07	
06 46 36 00-0081	LF		3-1/2" x 4-1/2" Custom Shaped Basswood.....	55.69	1.41
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.12	
06 46 36 00-0082	LF		3-1/2" x 5-1/2" Custom Shaped Basswood.....	65.97	1.52
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.15	
06 46 36 00-0083	LF		3-1/2" x 6-1/2" Custom Shaped Basswood.....	76.46	1.63
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.22	
06 46 36 00-0084	LF		3-1/2" x 7-1/2" Custom Shaped Basswood.....	86.73	1.63
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.25	
06 46 36 00-0085	LF		3-1/2" x 8-1/2" Custom Shaped Basswood.....	97.22	1.73
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.30	
06 46 36 00-0086	LF		3-1/2" x 9-1/2" Custom Shaped Basswood.....	107.37	1.73
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.32	
06 46 36 00-0087	LF		3-1/2" x 10-1/2" Custom Shaped Basswood.....	117.65	1.73
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.35	
06 46 36 00-0088	LF		3-1/2" x 11-1/2" Custom Shaped Basswood.....	128.15	1.84
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.42	
06 46 36 00-0089			Birch (06 46 36)		
06 46 36 00-0090	LF		3/4" x 1-1/2" Custom Shaped Birch.....	7.47	1.20
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.88	
06 46 36 00-0091	LF		3/4" x 2-1/2" Custom Shaped Birch.....	9.41	1.20
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.91	
06 46 36 00-0092	LF		3/4" x 3-1/2" Custom Shaped Birch.....	11.36	1.20
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.94	
06 46 36 00-0093	LF		3/4" x 4-1/2" Custom Shaped Birch.....	13.30	1.30
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.96	
06 46 36 00-0094	LF		3/4" x 5-1/2" Custom Shaped Birch.....	15.37	1.30
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.02	
06 46 36 00-0095	LF		3/4" x 6-1/2" Custom Shaped Birch.....	17.43	1.41
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.07	
06 46 36 00-0096	LF		3/4" x 7-1/2" Custom Shaped Birch.....	19.36	1.41
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.10	
06 46 36 00-0097	LF		3/4" x 8-1/2" Custom Shaped Birch.....	21.33	1.41
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.13	
06 46 36 00-0098	LF		3/4" x 9-1/2" Custom Shaped Birch.....	23.22	1.52
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.15	
06 46 36 00-0099	LF		3/4" x 10-1/2" Custom Shaped Birch.....	25.31	1.52
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.21	
06 46 36 00-0100	LF		3/4" x 11-1/2" Custom Shaped Birch.....	27.30	1.63
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.25	
06 46 36 00-0101	LF		1" x 1-1/2" Custom Shaped Birch.....	8.79	1.20
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.90	
06 46 36 00-0102	LF		1" x 2-1/2" Custom Shaped Birch.....	11.29	1.20
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.93	
06 46 36 00-0103	LF		1" x 3-1/2" Custom Shaped Birch.....	13.84	1.30
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.96	
06 46 36 00-0104	LF		1" x 4-1/2" Custom Shaped Birch.....	16.40	1.30
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.99	
06 46 36 00-0105	LF		1" x 5-1/2" Custom Shaped Birch.....	19.07	1.41
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.04	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0106	LF	1" x 6-1/2" Custom Shaped Birch For Curved Surfaces With A 2'-0" Maximum Radius, Add	21.68 1.10	1.41
06 46 36 00-0107	LF	1" x 7-1/2" Custom Shaped Birch For Curved Surfaces With A 2'-0" Maximum Radius, Add	24.22 1.12	1.41
06 46 36 00-0108	LF	1" x 8-1/2" Custom Shaped Birch For Curved Surfaces With A 2'-0" Maximum Radius, Add	26.79 1.16	1.52
06 46 36 00-0109	LF	1" x 9-1/2" Custom Shaped Birch For Curved Surfaces With A 2'-0" Maximum Radius, Add	29.29 1.17	1.52
06 46 36 00-0110	LF	1" x 10-1/2" Custom Shaped Birch For Curved Surfaces With A 2'-0" Maximum Radius, Add	31.94 1.24	1.63
06 46 36 00-0111	LF	1" x 11-1/2" Custom Shaped Birch For Curved Surfaces With A 2'-0" Maximum Radius, Add	34.54 1.27	1.63
06 46 36 00-0112	LF	1-1/4" x 1-1/2" Custom Shaped Birch For Curved Surfaces With A 2'-0" Maximum Radius, Add	10.34 0.93	1.20
06 46 36 00-0113	LF	1-1/4" x 2-1/2" Custom Shaped Birch For Curved Surfaces With A 2'-0" Maximum Radius, Add	13.61 0.96	1.20
06 46 36 00-0114	LF	1-1/4" x 3-1/2" Custom Shaped Birch For Curved Surfaces With A 2'-0" Maximum Radius, Add	16.87 0.98	1.30
06 46 36 00-0115	LF	1-1/4" x 4-1/2" Custom Shaped Birch For Curved Surfaces With A 2'-0" Maximum Radius, Add	20.14 1.01	1.30
06 46 36 00-0116	LF	1-1/4" x 5-1/2" Custom Shaped Birch For Curved Surfaces With A 2'-0" Maximum Radius, Add	23.54 1.07	1.41
06 46 36 00-0117	LF	1-1/4" x 6-1/2" Custom Shaped Birch For Curved Surfaces With A 2'-0" Maximum Radius, Add	26.93 1.12	1.41
06 46 36 00-0118	LF	1-1/4" x 7-1/2" Custom Shaped Birch For Curved Surfaces With A 2'-0" Maximum Radius, Add	30.19 1.15	1.52
06 46 36 00-0119	LF	1-1/4" x 8-1/2" Custom Shaped Birch For Curved Surfaces With A 2'-0" Maximum Radius, Add	33.48 1.18	1.52
06 46 36 00-0120	LF	1-1/4" x 9-1/2" Custom Shaped Birch For Curved Surfaces With A 2'-0" Maximum Radius, Add	36.69 1.20	1.52
06 46 36 00-0121	LF	1-1/4" x 10-1/2" Custom Shaped Birch For Curved Surfaces With A 2'-0" Maximum Radius, Add	40.11 1.26	1.63
06 46 36 00-0122	LF	1-1/4" x 11-1/2" Custom Shaped Birch For Curved Surfaces With A 2'-0" Maximum Radius, Add	43.43 1.30	1.73
06 46 36 00-0123	LF	1-1/2" x 1-1/2" Custom Shaped Birch For Curved Surfaces With A 2'-0" Maximum Radius, Add	12.77 0.95	1.20
06 46 36 00-0124	LF	1-1/2" x 2-1/2" Custom Shaped Birch For Curved Surfaces With A 2'-0" Maximum Radius, Add	17.19 0.98	1.30
06 46 36 00-0125	LF	1-1/2" x 3-1/2" Custom Shaped Birch For Curved Surfaces With A 2'-0" Maximum Radius, Add	21.62 1.01	1.30
06 46 36 00-0126	LF	1-1/2" x 4-1/2" Custom Shaped Birch For Curved Surfaces With A 2'-0" Maximum Radius, Add	26.05 1.04	1.41
06 46 36 00-0127	LF	1-1/2" x 5-1/2" Custom Shaped Birch For Curved Surfaces With A 2'-0" Maximum Radius, Add	30.50 1.07	1.41
06 46 36 00-0128	LF	1-1/2" x 6-1/2" Custom Shaped Birch For Curved Surfaces With A 2'-0" Maximum Radius, Add	35.16 1.15	1.52
06 46 36 00-0129	LF	1-1/2" x 7-1/2" Custom Shaped Birch For Curved Surfaces With A 2'-0" Maximum Radius, Add	39.57 1.17	1.52
06 46 36 00-0130	LF	1-1/2" x 8-1/2" Custom Shaped Birch For Curved Surfaces With A 2'-0" Maximum Radius, Add	44.03 1.21	1.52
06 46 36 00-0131	LF	1-1/2" x 9-1/2" Custom Shaped Birch For Curved Surfaces With A 2'-0" Maximum Radius, Add	48.40 1.22	1.63
06 46 36 00-0132	LF	1-1/2" x 10-1/2" Custom Shaped Birch For Curved Surfaces With A 2'-0" Maximum Radius, Add	53.53 1.29	1.63
06 46 36 00-0133	LF	1-1/2" x 11-1/2" Custom Shaped Birch For Curved Surfaces With A 2'-0" Maximum Radius, Add	57.46 1.32	1.73
06 46 36 00-0134		Clear Western Cedar (06 46 36)		
06 46 36 00-0135	LF	3/4" x 1-1/2" Custom Shaped Clear West Cedar For Curved Surfaces With A 2'-0" Maximum Radius, Add	7.47 0.88	1.20
06 46 36 00-0136	LF	3/4" x 2-1/2" Custom Shaped Clear West Cedar For Curved Surfaces With A 2'-0" Maximum Radius, Add	9.41 0.91	1.20
06 46 36 00-0137	LF	3/4" x 3-1/2" Custom Shaped Clear West Cedar For Curved Surfaces With A 2'-0" Maximum Radius, Add	11.36 0.94	1.20
06 46 36 00-0138	LF	3/4" x 4-1/2" Custom Shaped Clear West Cedar For Curved Surfaces With A 2'-0" Maximum Radius, Add	13.30 0.96	1.30
06 46 36 00-0139	LF	3/4" x 5-1/2" Custom Shaped Clear West Cedar For Curved Surfaces With A 2'-0" Maximum Radius, Add	15.37 1.02	1.30
06 46 36 00-0140	LF	3/4" x 6-1/2" Custom Shaped Clear West Cedar For Curved Surfaces With A 2'-0" Maximum Radius, Add	17.43 1.07	1.41
06 46 36 00-0141	LF	1" x 1-1/2" Custom Shaped Clear West Cedar For Curved Surfaces With A 2'-0" Maximum Radius, Add	8.90 0.90	1.20
06 46 36 00-0142	LF	1" x 2-1/2" Custom Shaped Clear West Cedar For Curved Surfaces With A 2'-0" Maximum Radius, Add	11.51 0.93	1.20
06 46 36 00-0143	LF	1" x 3-1/2" Custom Shaped Clear West Cedar For Curved Surfaces With A 2'-0" Maximum Radius, Add	14.11 0.96	1.30
06 46 36 00-0144	LF	1" x 4-1/2" Custom Shaped Clear West Cedar For Curved Surfaces With A 2'-0" Maximum Radius, Add	16.73 0.99	1.30
06 46 36 00-0145	LF	1" x 5-1/2" Custom Shaped Clear West Cedar For Curved Surfaces With A 2'-0" Maximum Radius, Add	19.45 1.04	1.41
06 46 36 00-0146	LF	1" x 6-1/2" Custom Shaped Clear West Cedar For Curved Surfaces With A 2'-0" Maximum Radius, Add	22.18 1.10	1.41

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 46 Wood Trim**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
06 46 36 00-0147	LF	1-1/4" x 1-1/2" Custom Shaped Clear West Cedar <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	11.77 0.93	1.20	
06 46 36 00-0148	LF	1-1/4" x 2-1/2" Custom Shaped Clear West Cedar <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	15.76 0.96	1.20	
06 46 36 00-0149	LF	1-1/4" x 3-1/2" Custom Shaped Clear West Cedar <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	19.75 0.98	1.30	
06 46 36 00-0150	LF	1-1/4" x 4-1/2" Custom Shaped Clear West Cedar <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	23.73 1.01	1.30	
06 46 36 00-0151	LF	1-1/4" x 5-1/2" Custom Shaped Clear West Cedar <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	27.85 1.07	1.41	
06 46 36 00-0152	LF	1-1/4" x 6-1/2" Custom Shaped Clear West Cedar <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	31.95 1.12	1.41	
06 46 36 00-0153	LF	1-1/2" x 1-1/2" Custom Shaped Clear West Cedar <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	12.10 0.95	1.20	
06 46 36 00-0154	LF	1-1/2" x 2-1/2" Custom Shaped Clear West Cedar <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	16.20 0.98	1.30	
06 46 36 00-0155	LF	1-1/2" x 3-1/2" Custom Shaped Clear West Cedar <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	20.30 1.01	1.30	
06 46 36 00-0156	LF	1-1/2" x 4-1/2" Custom Shaped Clear West Cedar <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	24.39 1.04	1.41	
06 46 36 00-0157	LF	1-1/2" x 5-1/2" Custom Shaped Clear West Cedar <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	28.51 1.07	1.41	
06 46 36 00-0158	LF	1-1/2" x 6-1/2" Custom Shaped Clear West Cedar <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	32.84 1.15	1.52	
06 46 36 00-0159	LF	3-1/2" x 3-1/2" Custom Shaped Clear West Cedar <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	40.02 1.07	1.41	
06 46 36 00-0160	LF	3-1/2" x 4-1/2" Custom Shaped Clear West Cedar <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	49.06 1.12	1.41	
06 46 36 00-0161	LF	3-1/2" x 5-1/2" Custom Shaped Clear West Cedar <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	58.01 1.15	1.52	
06 46 36 00-0162	LF	3-1/2" x 6-1/2" Custom Shaped Clear West Cedar <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	67.18 1.22	1.63	
06 46 36 00-0163	LF	3-1/2" x 7-1/2" Custom Shaped Clear West Cedar <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	76.13 1.25	1.63	
06 46 36 00-0164	LF	3-1/2" x 8-1/2" Custom Shaped Clear West Cedar <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	85.18 1.30	1.73	
06 46 36 00-0165	LF	3-1/2" x 9-1/2" Custom Shaped Clear West Cedar <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	94.11 1.32	1.73	
06 46 36 00-0166	LF	3-1/2" x 10-1/2" Custom Shaped Clear West Cedar <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	103.07 1.35	1.73	
06 46 36 00-0167	LF	3-1/2" x 11-1/2" Custom Shaped Clear West Cedar <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	112.24 1.42	1.84	
06 46 36 00-0168	Cherry (06 46 36)				
06 46 36 00-0169	LF	3/4" x 1-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	9.23 0.88	1.20	
06 46 36 00-0170	LF	3/4" x 2-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	12.06 0.91	1.20	
06 46 36 00-0171	LF	3/4" x 3-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	14.90 0.94	1.20	
06 46 36 00-0172	LF	3/4" x 4-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	17.72 0.96	1.30	
06 46 36 00-0173	LF	3/4" x 5-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	20.67 1.02	1.30	
06 46 36 00-0174	LF	3/4" x 6-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	23.62 1.07	1.41	
06 46 36 00-0175	LF	3/4" x 7-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	26.43 1.10	1.41	
06 46 36 00-0176	LF	3/4" x 8-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	29.29 1.13	1.41	
06 46 36 00-0177	LF	3/4" x 9-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	32.05 1.15	1.52	
06 46 36 00-0178	LF	3/4" x 10-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	35.03 1.21	1.52	
06 46 36 00-0179	LF	3/4" x 11-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	37.91 1.25	1.63	
06 46 36 00-0180	LF	1" x 1-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	11.11 0.90	1.20	
06 46 36 00-0181	LF	1" x 2-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	14.82 0.93	1.20	
06 46 36 00-0182	LF	1" x 3-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	18.53 0.96	1.30	
06 46 36 00-0183	LF	1" x 4-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	22.25 0.99	1.30	
06 46 36 00-0184	LF	1" x 5-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	26.08 1.04	1.41	
06 46 36 00-0185	LF	1" x 6-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	29.91 1.10	1.41	
06 46 36 00-0186	LF	1" x 7-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	33.61 1.12	1.41	
06 46 36 00-0187	LF	1" x 8-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	37.40 1.16	1.52	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0188	LF	1"	1" x 9-1/2" Custom Shaped Cherry..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	41.00 1.17	1.52
06 46 36 00-0189	LF	1"	1" x 10-1/2" Custom Shaped Cherry..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	44.86 1.24	1.63
06 46 36 00-0190	LF	1"	1" x 11-1/2" Custom Shaped Cherry..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	48.62 1.27	1.63
06 46 36 00-0191	LF	1-1/4"	1-1/4" x 1-1/2" Custom Shaped Cherry..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	13.15 0.93	1.20
06 46 36 00-0192	LF	1-1/4"	1-1/4" x 2-1/2" Custom Shaped Cherry..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	17.86 0.96	1.20
06 46 36 00-0193	LF	1-1/4"	1-1/4" x 3-1/2" Custom Shaped Cherry..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	22.51 0.98	1.30
06 46 36 00-0194	LF	1-1/4"	1-1/4" x 4-1/2" Custom Shaped Cherry..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	27.21 1.01	1.30
06 46 36 00-0195	LF	1-1/4"	1-1/4" x 5-1/2" Custom Shaped Cherry..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	31.99 1.07	1.41
06 46 36 00-0196	LF	1-1/4"	1-1/4" x 6-1/2" Custom Shaped Cherry..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	36.82 1.12	1.41
06 46 36 00-0197	LF	1-1/4"	1-1/4" x 7-1/2" Custom Shaped Cherry..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	41.45 1.15	1.52
06 46 36 00-0198	LF	1-1/4"	1-1/4" x 8-1/2" Custom Shaped Cherry..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	46.18 1.18	1.52
06 46 36 00-0199	LF	1-1/4"	1-1/4" x 9-1/2" Custom Shaped Cherry..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	50.78 1.20	1.52
06 46 36 00-0200	LF	1-1/4"	1-1/4" x 10-1/2" Custom Shaped Cherry..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	55.63 1.26	1.63
06 46 36 00-0201	LF	1-1/4"	1-1/4" x 11-1/2" Custom Shaped Cherry..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	60.33 1.30	1.73
06 46 36 00-0202	LF	1-1/2"	1-1/2" x 1-1/2" Custom Shaped Cherry..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	16.96 0.95	1.20
06 46 36 00-0203	LF	1-1/2"	1-1/2" x 2-1/2" Custom Shaped Cherry..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	23.49 0.98	1.30
06 46 36 00-0204	LF	1-1/2"	1-1/2" x 3-1/2" Custom Shaped Cherry..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	30.02 1.01	1.30
06 46 36 00-0205	LF	1-1/2"	1-1/2" x 4-1/2" Custom Shaped Cherry..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	36.55 1.04	1.41
06 46 36 00-0206	LF	1-1/2"	1-1/2" x 5-1/2" Custom Shaped Cherry..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	43.09 1.07	1.41
06 46 36 00-0207	LF	1-1/2"	1-1/2" x 6-1/2" Custom Shaped Cherry..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	49.85 1.15	1.52
06 46 36 00-0208	LF	1-1/2"	1-1/2" x 7-1/2" Custom Shaped Cherry..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	56.36 1.17	1.52
06 46 36 00-0209	LF	1-1/2"	1-1/2" x 8-1/2" Custom Shaped Cherry..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	62.92 1.21	1.52
06 46 36 00-0210	LF	1-1/2"	1-1/2" x 9-1/2" Custom Shaped Cherry..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	69.39 1.22	1.63
06 46 36 00-0211	LF	1-1/2"	1-1/2" x 10-1/2" Custom Shaped Cherry..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	76.18 1.29	1.63
06 46 36 00-0212	LF	1-1/2"	1-1/2" x 11-1/2" Custom Shaped Cherry..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	82.65 1.32	1.73
06 46 36 00-0213			Cypress (06 46 36)		
06 46 36 00-0214	LF	3/4"	3/4" x 1-1/2" Custom Shaped Cypress..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	6.91 0.88	1.20
06 46 36 00-0215	LF	3/4"	3/4" x 2-1/2" Custom Shaped Cypress..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	8.58 0.91	1.20
06 46 36 00-0216	LF	3/4"	3/4" x 3-1/2" Custom Shaped Cypress..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	10.26 0.94	1.20
06 46 36 00-0217	LF	3/4"	3/4" x 4-1/2" Custom Shaped Cypress..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	11.92 0.96	1.30
06 46 36 00-0218	LF	3/4"	3/4" x 5-1/2" Custom Shaped Cypress..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	13.71 1.02	1.30
06 46 36 00-0219	LF	3/4"	3/4" x 6-1/2" Custom Shaped Cypress..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	15.50 1.07	1.41
06 46 36 00-0220	LF	3/4"	3/4" x 7-1/2" Custom Shaped Cypress..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	17.59 1.10	1.41
06 46 36 00-0221	LF	3/4"	3/4" x 8-1/2" Custom Shaped Cypress..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	19.35 1.13	1.41
06 46 36 00-0222	LF	3/4"	3/4" x 9-1/2" Custom Shaped Cypress..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	22.67 1.15	1.52
06 46 36 00-0223	LF	3/4"	3/4" x 10-1/2" Custom Shaped Cypress..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	24.70 1.21	1.52
06 46 36 00-0224	LF	1"	1" x 1-1/2" Custom Shaped Cypress..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	9.34 0.90	1.20
06 46 36 00-0225	LF	1"	1" x 2-1/2" Custom Shaped Cypress..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	12.11 0.93	1.20
06 46 36 00-0226	LF	1"	1" x 3-1/2" Custom Shaped Cypress..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	14.94 0.96	1.30
06 46 36 00-0227	LF	1"	1" x 4-1/2" Custom Shaped Cypress..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	17.78 0.99	1.30
06 46 36 00-0228	LF	1"	1" x 5-1/2" Custom Shaped Cypress..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	20.72 1.04	1.41

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 46 Wood Trim**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0229 LF 1" x 6-1/2" Custom Shaped Cypress..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	23.61 1.10	1.41
06 46 36 00-0230 LF 1" x 7-1/2" Custom Shaped Cypress..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	26.43 1.12	1.41
06 46 36 00-0231 LF 1" x 8-1/2" Custom Shaped Cypress..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	29.28 1.16	1.52
06 46 36 00-0232 LF 1" x 9-1/2" Custom Shaped Cypress..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	32.05 1.17	1.52
06 46 36 00-0233 LF 1" x 10-1/2" Custom Shaped Cypress..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	35.09 1.24	1.63
06 46 36 00-0234 LF 1" x 11-1/2" Custom Shaped Cypress..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	37.85 1.27	1.63
06 46 36 00-0235 LF 1-1/2" x 1-1/2" Custom Shaped Cypress..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	11.00 0.95	1.20
06 46 36 00-0236 LF 1-1/2" x 2-1/2" Custom Shaped Cypress..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	14.54 0.98	1.30
06 46 36 00-0237 LF 1-1/2" x 3-1/2" Custom Shaped Cypress..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	18.09 1.01	1.30
06 46 36 00-0238 LF 1-1/2" x 4-1/2" Custom Shaped Cypress..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	21.63 1.04	1.41
06 46 36 00-0239 LF 1-1/2" x 5-1/2" Custom Shaped Cypress..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	25.20 1.07	1.41
06 46 36 00-0240 LF 1-1/2" x 6-1/2" Custom Shaped Cypress..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	28.97 1.15	1.52
06 46 36 00-0241 LF 1-1/2" x 7-1/2" Custom Shaped Cypress..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	32.50 1.17	1.52
06 46 36 00-0242 LF 1-1/2" x 8-1/2" Custom Shaped Cypress..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	36.08 1.21	1.52
06 46 36 00-0243 LF 1-1/2" x 9-1/2" Custom Shaped Cypress..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	42.88 1.22	1.63
06 46 36 00-0244 LF 1-1/2" x 10-1/2" Custom Shaped Cypress..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	46.79 1.29	1.63
06 46 36 00-0245 Fir (06 46 36)		
06 46 36 00-0246 LF 3/4" x 1-1/2" Custom Shaped Fir..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	7.80 0.88	1.20
06 46 36 00-0247 LF 3/4" x 2-1/2" Custom Shaped Fir..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	9.91 0.91	1.20
06 46 36 00-0248 LF 3/4" x 3-1/2" Custom Shaped Fir..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	12.02 0.94	1.20
06 46 36 00-0249 LF 3/4" x 4-1/2" Custom Shaped Fir..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	14.13 0.96	1.30
06 46 36 00-0250 LF 3/4" x 5-1/2" Custom Shaped Fir..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	16.36 1.02	1.30
06 46 36 00-0251 LF 3/4" x 6-1/2" Custom Shaped Fir..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	18.59 1.07	1.41
06 46 36 00-0252 LF 3/4" x 7-1/2" Custom Shaped Fir..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	20.69 1.10	1.41
06 46 36 00-0253 LF 3/4" x 8-1/2" Custom Shaped Fir..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	22.83 1.13	1.41
06 46 36 00-0254 LF 3/4" x 9-1/2" Custom Shaped Fir..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	24.87 1.15	1.52
06 46 36 00-0255 LF 3/4" x 10-1/2" Custom Shaped Fir..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	27.13 1.21	1.63
06 46 36 00-0256 LF 1" x 1-1/2" Custom Shaped Fir..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	9.34 0.90	1.20
06 46 36 00-0257 LF 1" x 2-1/2" Custom Shaped Fir..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	12.11 0.93	1.20
06 46 36 00-0258 LF 1" x 3-1/2" Custom Shaped Fir..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	14.94 0.96	1.30
06 46 36 00-0259 LF 1" x 4-1/2" Custom Shaped Fir..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	17.78 0.99	1.30
06 46 36 00-0260 LF 1" x 5-1/2" Custom Shaped Fir..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	20.72 1.04	1.41
06 46 36 00-0261 LF 1" x 6-1/2" Custom Shaped Fir..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	23.61 1.10	1.41
06 46 36 00-0262 LF 1" x 7-1/2" Custom Shaped Fir..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	26.43 1.12	1.41
06 46 36 00-0263 LF 1" x 8-1/2" Custom Shaped Fir..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	29.28 1.16	1.52
06 46 36 00-0264 LF 1" x 9-1/2" Custom Shaped Fir..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	32.05 1.17	1.52
06 46 36 00-0265 LF 1" x 10-1/2" Custom Shaped Fir..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	35.09 1.24	1.63
06 46 36 00-0266 LF 1" x 11-1/2" Custom Shaped Fir..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	37.85 1.27	1.63
06 46 36 00-0267 LF 1-1/4" x 1-1/2" Custom Shaped Fir..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	10.50 0.93	1.20
06 46 36 00-0268 LF 1-1/4" x 2-1/2" Custom Shaped Fir..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	13.88 0.96	1.20
06 46 36 00-0269 LF 1-1/4" x 3-1/2" Custom Shaped Fir..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	17.20 0.98	1.30



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0270	LF	1-1/4" x 4-1/2" Custom Shaped Fir	.....	20.58	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.01	
06 46 36 00-0271	LF	1-1/4" x 5-1/2" Custom Shaped Fir	.....	24.04	1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.07	
06 46 36 00-0272	LF	1-1/4" x 6-1/2" Custom Shaped Fir	.....	27.54	1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.12	
06 46 36 00-0273	LF	1-1/4" x 7-1/2" Custom Shaped Fir	.....	30.85	1.52
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.15	
06 46 36 00-0274	LF	1-1/4" x 8-1/2" Custom Shaped Fir	.....	34.25	1.52
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.18	
06 46 36 00-0275	LF	1-1/4" x 9-1/2" Custom Shaped Fir	.....	37.52	1.52
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.20	
06 46 36 00-0276	LF	1-1/4" x 10-1/2" Custom Shaped Fir	.....	41.05	1.63
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.26	
06 46 36 00-0277	LF	1-1/4" x 11-1/2" Custom Shaped Fir	.....	44.42	1.73
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.30	
06 46 36 00-0278	LF	1-1/2" x 1-1/2" Custom Shaped Fir	.....	12.10	1.20
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	0.95	
06 46 36 00-0279	LF	1-1/2" x 2-1/2" Custom Shaped Fir	.....	16.20	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	0.98	
06 46 36 00-0280	LF	1-1/2" x 3-1/2" Custom Shaped Fir	.....	20.30	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.01	
06 46 36 00-0281	LF	1-1/2" x 4-1/2" Custom Shaped Fir	.....	24.39	1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.04	
06 46 36 00-0282	LF	1-1/2" x 5-1/2" Custom Shaped Fir	.....	28.51	1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.07	
06 46 36 00-0283	LF	1-1/2" x 6-1/2" Custom Shaped Fir	.....	32.84	1.52
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.15	
06 46 36 00-0284	LF	1-1/2" x 7-1/2" Custom Shaped Fir	.....	36.92	1.52
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.17	
06 46 36 00-0285	LF	1-1/2" x 8-1/2" Custom Shaped Fir	.....	41.05	1.63
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.21	
06 46 36 00-0286	LF	1-1/2" x 9-1/2" Custom Shaped Fir	.....	45.09	1.63
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.22	
06 46 36 00-0287	LF	1-1/2" x 10-1/2" Custom Shaped Fir	.....	49.34	1.73
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.29	
06 46 36 00-0288	LF	1-1/2" x 11-1/2" Custom Shaped Fir	.....	53.48	1.73
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.32	
06 46 36 00-0289	LF	2-1/2" x 1-1/2" Custom Shaped Fir	.....	20.25	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.00	
06 46 36 00-0290	LF	2-1/2" x 2-1/2" Custom Shaped Fir	.....	28.31	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.02	
06 46 36 00-0291	LF	2-1/2" x 3-1/2" Custom Shaped Fir	.....	36.38	1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.05	
06 46 36 00-0292	LF	2-1/2" x 4-1/2" Custom Shaped Fir	.....	44.54	1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.10	
06 46 36 00-0293	LF	2-1/2" x 5-1/2" Custom Shaped Fir	.....	52.60	1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.12	
06 46 36 00-0294	LF	2-1/2" x 6-1/2" Custom Shaped Fir	.....	60.88	1.52
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.20	
06 46 36 00-0295	LF	2-1/2" x 7-1/2" Custom Shaped Fir	.....	68.95	1.63
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.22	
06 46 36 00-0296	LF	2-1/2" x 8-1/2" Custom Shaped Fir	.....	77.22	1.63
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.27	
06 46 36 00-0297	LF	2-1/2" x 9-1/2" Custom Shaped Fir	.....	85.18	1.73
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.30	
06 46 36 00-0298	LF	2-1/2" x 10-1/2" Custom Shaped Fir	.....	93.24	1.73
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.32	
06 46 36 00-0299	LF	3-1/2" x 3-1/2" Custom Shaped Fir	.....	45.43	1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.07	
06 46 36 00-0300	LF	3-1/2" x 4-1/2" Custom Shaped Fir	.....	55.69	1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.12	
06 46 36 00-0301	LF	3-1/2" x 5-1/2" Custom Shaped Fir	.....	65.97	1.52
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.15	
06 46 36 00-0302	LF	3-1/2" x 6-1/2" Custom Shaped Fir	.....	76.46	1.63
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.22	
06 46 36 00-0303	LF	3-1/2" x 7-1/2" Custom Shaped Fir	.....	86.73	1.63
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.25	
06 46 36 00-0304	LF	3-1/2" x 8-1/2" Custom Shaped Fir	.....	97.11	1.73
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.30	
06 46 36 00-0305	LF	3-1/2" x 9-1/2" Custom Shaped Fir	.....	107.37	1.73
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.32	
06 46 36 00-0306	LF	3-1/2" x 10-1/2" Custom Shaped Fir	.....	117.65	1.73
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.35	
06 46 36 00-0307		Honduran Mahogany (06 46 36)			
06 46 36 00-0308	LF	3/4" x 1-1/2" Custom Shaped Honduras Mahogany	.....	9.90	1.20
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	0.88	
06 46 36 00-0309	LF	3/4" x 2-1/2" Custom Shaped Honduras Mahogany	.....	13.05	1.20
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	0.91	
06 46 36 00-0310	LF	3/4" x 3-1/2" Custom Shaped Honduras Mahogany	.....	16.22	1.20
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	0.94	

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 46 Wood Trim**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0311	LF	3/4" x 4-1/2" Custom Shaped Honduras Mahogany..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	19.38 0.96	1.30
06 46 36 00-0312	LF	3/4" x 5-1/2" Custom Shaped Honduras Mahogany..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	22.66 1.02	1.30
06 46 36 00-0313	LF	3/4" x 6-1/2" Custom Shaped Honduras Mahogany..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	25.94 1.07	1.41
06 46 36 00-0314	LF	3/4" x 7-1/2" Custom Shaped Honduras Mahogany..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	29.08 1.10	1.41
06 46 36 00-0315	LF	3/4" x 8-1/2" Custom Shaped Honduras Mahogany..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	32.27 1.13	1.52
06 46 36 00-0316	LF	3/4" x 9-1/2" Custom Shaped Honduras Mahogany..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	35.37 1.15	1.52
06 46 36 00-0317	LF	3/4" x 10-1/2" Custom Shaped Honduras Mahogany..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	38.68 1.21	1.63
06 46 36 00-0318	LF	3/4" x 11-1/2" Custom Shaped Honduras Mahogany..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	41.88 1.25	1.63
06 46 36 00-0319	LF	1" x 1-1/2" Custom Shaped Honduras Mahogany..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	12.10 0.90	1.20
06 46 36 00-0320	LF	1" x 2-1/2" Custom Shaped Honduras Mahogany..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	16.26 0.93	1.20
06 46 36 00-0321	LF	1" x 3-1/2" Custom Shaped Honduras Mahogany..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	20.46 0.96	1.30
06 46 36 00-0322	LF	1" x 4-1/2" Custom Shaped Honduras Mahogany..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	24.68 0.99	1.30
06 46 36 00-0323	LF	1" x 5-1/2" Custom Shaped Honduras Mahogany..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	29.01 1.04	1.41
06 46 36 00-0324	LF	1" x 6-1/2" Custom Shaped Honduras Mahogany..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	33.28 1.10	1.41
06 46 36 00-0325	LF	1" x 7-1/2" Custom Shaped Honduras Mahogany..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	37.48 1.12	1.52
06 46 36 00-0326	LF	1" x 8-1/2" Custom Shaped Honduras Mahogany..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	41.71 1.16	1.52
06 46 36 00-0327	LF	1" x 9-1/2" Custom Shaped Honduras Mahogany..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	45.86 1.17	1.52
06 46 36 00-0328	LF	1" x 10-1/2" Custom Shaped Honduras Mahogany..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	50.17 1.24	1.63
06 46 36 00-0329	LF	1" x 11-1/2" Custom Shaped Honduras Mahogany..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	54.97 1.27	1.63
06 46 36 00-0330	LF	1-1/4" x 1-1/2" Custom Shaped Honduras Mahogany..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	13.82 0.93	1.20
06 46 36 00-0331	LF	1-1/4" x 2-1/2" Custom Shaped Honduras Mahogany..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	18.85 0.96	1.20
06 46 36 00-0332	LF	1-1/4" x 3-1/2" Custom Shaped Honduras Mahogany..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	23.83 0.98	1.30
06 46 36 00-0333	LF	1-1/4" x 4-1/2" Custom Shaped Honduras Mahogany..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	28.87 1.01	1.30
06 46 36 00-0334	LF	1-1/4" x 5-1/2" Custom Shaped Honduras Mahogany..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	33.98 1.07	1.41
06 46 36 00-0335	LF	1-1/4" x 6-1/2" Custom Shaped Honduras Mahogany..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	39.14 1.12	1.52
06 46 36 00-0336	LF	1-1/4" x 7-1/2" Custom Shaped Honduras Mahogany..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	44.11 1.15	1.52
06 46 36 00-0337	LF	1-1/4" x 8-1/2" Custom Shaped Honduras Mahogany..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	49.16 1.18	1.52
06 46 36 00-0338	LF	1-1/4" x 9-1/2" Custom Shaped Honduras Mahogany..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	52.99 1.20	1.52
06 46 36 00-0339	LF	1-1/4" x 10-1/2" Custom Shaped Honduras Mahogany..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	59.28 1.26	1.63
06 46 36 00-0340	LF	1-1/4" x 11-1/2" Custom Shaped Honduras Mahogany..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	64.31 1.30	1.73
06 46 36 00-0341	LF	1-1/2" x 1-1/2" Custom Shaped Honduras Mahogany..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	17.19 0.95	1.20
06 46 36 00-0342	LF	1-1/2" x 2-1/2" Custom Shaped Honduras Mahogany..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	23.82 0.98	1.30
06 46 36 00-0343	LF	1-1/2" x 3-1/2" Custom Shaped Honduras Mahogany..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	30.46 1.01	1.30
06 46 36 00-0344	LF	1-1/2" x 4-1/2" Custom Shaped Honduras Mahogany..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	37.10 1.04	1.30
06 46 36 00-0345	LF	1-1/2" x 5-1/2" Custom Shaped Honduras Mahogany..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	43.76 1.07	1.41
06 46 36 00-0346	LF	1-1/2" x 6-1/2" Custom Shaped Honduras Mahogany..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	50.62 1.15	1.52
06 46 36 00-0347	LF	1-1/2" x 7-1/2" Custom Shaped Honduras Mahogany..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	57.24 1.17	1.52
06 46 36 00-0348	LF	1-1/2" x 8-1/2" Custom Shaped Honduras Mahogany..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	63.92 1.21	1.63
06 46 36 00-0349	LF	1-1/2" x 9-1/2" Custom Shaped Honduras Mahogany..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	70.50 1.22	1.63
06 46 36 00-0350	LF	1-1/2" x 10-1/2" Custom Shaped Honduras Mahogany..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	77.28 1.29	1.63
06 46 36 00-0351	LF	1-1/2" x 11-1/2" Custom Shaped Honduras Mahogany..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	84.08 1.32	1.73
06 46 36 00-0352	LF	2" x 1-1/2" Custom Shaped Honduras Mahogany..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	20.52 0.97	1.30



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0353 LF 2" x 2-1/2" Custom Shaped Honduras Mahogany For Curved Surfaces With A 2'-0" Maximum Radius, Add	28.81 1.00	1.30
06 46 36 00-0354 LF 2" x 3-1/2" Custom Shaped Honduras Mahogany For Curved Surfaces With A 2'-0" Maximum Radius, Add	37.04 1.02	1.30
06 46 36 00-0355 LF 2" x 4-1/2" Custom Shaped Honduras Mahogany For Curved Surfaces With A 2'-0" Maximum Radius, Add	45.42 1.07	1.41
06 46 36 00-0356 LF 2" x 5-1/2" Custom Shaped Honduras Mahogany For Curved Surfaces With A 2'-0" Maximum Radius, Add	53.65 1.10	1.41
06 46 36 00-0357 LF 2" x 6-1/2" Custom Shaped Honduras Mahogany For Curved Surfaces With A 2'-0" Maximum Radius, Add	62.15 1.17	1.52
06 46 36 00-0358 LF 2" x 7-1/2" Custom Shaped Honduras Mahogany For Curved Surfaces With A 2'-0" Maximum Radius, Add	70.38 1.20	1.52
06 46 36 00-0359 LF 2" x 8-1/2" Custom Shaped Honduras Mahogany For Curved Surfaces With A 2'-0" Maximum Radius, Add	78.77 1.25	1.63
06 46 36 00-0360 LF 2" x 9-1/2" Custom Shaped Honduras Mahogany For Curved Surfaces With A 2'-0" Maximum Radius, Add	87.00 1.27	1.63
06 46 36 00-0361 LF 2" x 10-1/2" Custom Shaped Honduras Mahogany For Curved Surfaces With A 2'-0" Maximum Radius, Add	95.29 1.30	1.73
06 46 36 00-0362 LF 2" x 11-1/2" Custom Shaped Honduras Mahogany For Curved Surfaces With A 2'-0" Maximum Radius, Add	103.73 1.37	1.84
06 46 36 00-0363 LF 2-1/2" x 1-1/2" Custom Shaped Honduras Mahogany For Curved Surfaces With A 2'-0" Maximum Radius, Add	25.33 1.00	1.30
06 46 36 00-0364 LF 2-1/2" x 2-1/2" Custom Shaped Honduras Mahogany For Curved Surfaces With A 2'-0" Maximum Radius, Add	34.28 1.02	1.30
06 46 36 00-0365 LF 2-1/2" x 3-1/2" Custom Shaped Honduras Mahogany For Curved Surfaces With A 2'-0" Maximum Radius, Add	44.33 1.05	1.41
06 46 36 00-0366 LF 2-1/2" x 4-1/2" Custom Shaped Honduras Mahogany For Curved Surfaces With A 2'-0" Maximum Radius, Add	54.48 1.10	1.41
06 46 36 00-0367 LF 2-1/2" x 5-1/2" Custom Shaped Honduras Mahogany For Curved Surfaces With A 2'-0" Maximum Radius, Add	64.53 1.12	1.41
06 46 36 00-0368 LF 2-1/2" x 6-1/2" Custom Shaped Honduras Mahogany For Curved Surfaces With A 2'-0" Maximum Radius, Add	74.80 1.20	1.52
06 46 36 00-0369 LF 2-1/2" x 7-1/2" Custom Shaped Honduras Mahogany For Curved Surfaces With A 2'-0" Maximum Radius, Add	84.86 1.22	1.63
06 46 36 00-0370 LF 2-1/2" x 8-1/2" Custom Shaped Honduras Mahogany For Curved Surfaces With A 2'-0" Maximum Radius, Add	95.01 1.27	1.63
06 46 36 00-0371 LF 2-1/2" x 9-1/2" Custom Shaped Honduras Mahogany For Curved Surfaces With A 2'-0" Maximum Radius, Add	105.06 1.30	1.73
06 46 36 00-0372 LF 2-1/2" x 10-1/2" Custom Shaped Honduras Mahogany For Curved Surfaces With A 2'-0" Maximum Radius, Add	115.11 1.32	1.73
06 46 36 00-0373 LF 2-1/2" x 11-1/2" Custom Shaped Honduras Mahogany For Curved Surfaces With A 2'-0" Maximum Radius, Add	125.39 1.40	1.84
06 46 36 00-0374 LF 3-1/2" x 3-1/2" Custom Shaped Honduras Mahogany For Curved Surfaces With A 2'-0" Maximum Radius, Add	60.35 1.07	1.41
06 46 36 00-0375 LF 3-1/2" x 4-1/2" Custom Shaped Honduras Mahogany For Curved Surfaces With A 2'-0" Maximum Radius, Add	74.47 1.12	1.41
06 46 36 00-0376 LF 3-1/2" x 5-1/2" Custom Shaped Honduras Mahogany For Curved Surfaces With A 2'-0" Maximum Radius, Add	88.50 1.15	1.52
06 46 36 00-0377 LF 3-1/2" x 6-1/2" Custom Shaped Honduras Mahogany For Curved Surfaces With A 2'-0" Maximum Radius, Add	102.75 1.22	1.63
06 46 36 00-0378 LF 3-1/2" x 7-1/2" Custom Shaped Honduras Mahogany For Curved Surfaces With A 2'-0" Maximum Radius, Add	116.78 1.25	1.63
06 46 36 00-0379 LF 3-1/2" x 8-1/2" Custom Shaped Honduras Mahogany For Curved Surfaces With A 2'-0" Maximum Radius, Add	130.91 1.30	1.73
06 46 36 00-0380 LF 3-1/2" x 9-1/2" Custom Shaped Honduras Mahogany For Curved Surfaces With A 2'-0" Maximum Radius, Add	144.93 1.32	1.73
06 46 36 00-0381 LF 3-1/2" x 10-1/2" Custom Shaped Honduras Mahogany For Curved Surfaces With A 2'-0" Maximum Radius, Add	158.97 1.35	1.73
06 46 36 00-0382 LF 3-1/2" x 11-1/2" Custom Shaped Honduras Mahogany For Curved Surfaces With A 2'-0" Maximum Radius, Add	173.22 1.42	1.84
06 46 36 00-0383 Maple (06 46 36)		
06 46 36 00-0384 LF 3/4" x 1-1/2" Custom Shaped Maple.....	7.36	1.20
06 46 36 00-0385 LF 3/4" x 2-1/2" Custom Shaped Maple.....	9.24	1.20
06 46 36 00-0386 LF 3/4" x 3-1/2" Custom Shaped Maple.....	11.14	1.20
06 46 36 00-0387 LF 3/4" x 4-1/2" Custom Shaped Maple.....	13.03	1.30
06 46 36 00-0388 LF 3/4" x 5-1/2" Custom Shaped Maple.....	15.03	1.30
06 46 36 00-0389 LF 3/4" x 6-1/2" Custom Shaped Maple.....	17.04	1.41
06 46 36 00-0390 LF 3/4" x 7-1/2" Custom Shaped Maple.....	18.92	1.41
06 46 36 00-0391 LF 3/4" x 8-1/2" Custom Shaped Maple.....	20.84	1.41
06 46 36 00-0392 LF 3/4" x 9-1/2" Custom Shaped Maple.....	22.67	1.52
06 46 36 00-0393 LF 3/4" x 10-1/2" Custom Shaped Maple.....	24.70	1.63
06 46 36 00-0394 LF 3/4" x 11-1/2" Custom Shaped Maple.....	26.64	1.63
06 46 36 00-0395 LF 1" x 1-1/2" Custom Shaped Maple.....	8.79	1.20
06 46 36 00-0396 LF 1" x 2-1/2" Custom Shaped Maple.....	11.29	1.20
06 46 36 00-0397 LF 1" x 3-1/2" Custom Shaped Maple.....	13.84	1.30
06 46 36 00-0398 LF 1" x 4-1/2" Custom Shaped Maple.....	16.40	1.30
06 46 36 00-0399 LF 1" x 5-1/2" Custom Shaped Maple.....	19.07	1.41
06 46 36 00-0400 LF 1" x 6-1/2" Custom Shaped Maple.....	21.68	1.41
06 46 36 00-0401 LF 1" x 7-1/2" Custom Shaped Maple.....	24.22	1.41
06 46 36 00-0402 LF 1" x 8-1/2" Custom Shaped Maple.....	26.79	1.52
06 46 36 00-0403 LF 1" x 9-1/2" Custom Shaped Maple.....	29.29	1.52

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 46 Wood Trim**MINOR
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

06 46 36 00-0404	LF	1" x 10-1/2" Custom Shaped Maple.....	30.83	1.63
06 46 36 00-0405	LF	1" x 11-1/2" Custom Shaped Maple.....	34.54	1.63
06 46 36 00-0406	LF	1-1/4" x 1-1/2" Custom Shaped Maple.....	10.01	1.20
06 46 36 00-0407	LF	1-1/4" x 2-1/2" Custom Shaped Maple.....	13.11	1.20
06 46 36 00-0408	LF	1-1/4" x 3-1/2" Custom Shaped Maple.....	16.21	1.30
06 46 36 00-0409	LF	1-1/4" x 4-1/2" Custom Shaped Maple.....	19.31	1.30
06 46 36 00-0410	LF	1-1/4" x 5-1/2" Custom Shaped Maple.....	22.55	1.41
06 46 36 00-0411	LF	1-1/4" x 6-1/2" Custom Shaped Maple.....	25.77	1.41
06 46 36 00-0412	LF	1-1/4" x 7-1/2" Custom Shaped Maple.....	28.86	1.52
06 46 36 00-0413	LF	1-1/4" x 8-1/2" Custom Shaped Maple.....	31.98	1.52
06 46 36 00-0414	LF	1-1/4" x 9-1/2" Custom Shaped Maple.....	35.04	1.52
06 46 36 00-0415	LF	1-1/4" x 10-1/2" Custom Shaped Maple.....	38.29	1.63
06 46 36 00-0416	LF	1-1/4" x 11-1/2" Custom Shaped Maple.....	41.44	1.73
06 46 36 00-0417	LF	1-1/2" x 1-1/2" Custom Shaped Maple.....	12.55	1.20
06 46 36 00-0418	LF	1-1/2" x 2-1/2" Custom Shaped Maple.....	16.86	1.30
06 46 36 00-0419	LF	1-1/2" x 3-1/2" Custom Shaped Maple.....	21.18	1.30
06 46 36 00-0420	LF	1-1/2" x 4-1/2" Custom Shaped Maple.....	25.50	1.41
06 46 36 00-0421	LF	1-1/2" x 5-1/2" Custom Shaped Maple.....	29.84	1.41
06 46 36 00-0422	LF	1-1/2" x 6-1/2" Custom Shaped Maple.....	34.38	1.52
06 46 36 00-0423	LF	1-1/2" x 7-1/2" Custom Shaped Maple.....	38.68	1.52
06 46 36 00-0424	LF	1-1/2" x 8-1/2" Custom Shaped Maple.....	43.59	1.63
06 46 36 00-0425	LF	1-1/2" x 9-1/2" Custom Shaped Maple.....	47.30	1.63
06 46 36 00-0426	LF	1-1/2" x 10-1/2" Custom Shaped Maple.....	51.88	1.73
06 46 36 00-0427	LF	1-1/2" x 11-1/2" Custom Shaped Maple.....	56.13	1.73
06 46 36 00-0428	LF	2" x 1-1/2" Custom Shaped Maple.....	16.66	1.30
06 46 36 00-0429	LF	2" x 2-1/2" Custom Shaped Maple.....	23.01	1.30
06 46 36 00-0430	LF	2" x 3-1/2" Custom Shaped Maple.....	29.31	1.30
06 46 36 00-0431	LF	2" x 4-1/2" Custom Shaped Maple.....	35.76	1.41
06 46 36 00-0432	LF	2" x 5-1/2" Custom Shaped Maple.....	42.05	1.41
06 46 36 00-0433	LF	2" x 6-1/2" Custom Shaped Maple.....	48.61	1.52
06 46 36 00-0434	LF	2" x 7-1/2" Custom Shaped Maple.....	54.91	1.52
06 46 36 00-0435	LF	2" x 8-1/2" Custom Shaped Maple.....	61.37	1.63
06 46 36 00-0436	LF	2" x 9-1/2" Custom Shaped Maple.....	67.67	1.63
06 46 36 00-0437	LF	2" x 10-1/2" Custom Shaped Maple.....	74.02	1.73
06 46 36 00-0438	LF	2" x 11-1/2" Custom Shaped Maple.....	81.09	1.84
06 46 36 00-0439	LF	3-1/2" x 3-1/2" Custom Shaped Maple.....	64.76	1.41
06 46 36 00-0440	LF	3-1/2" x 4-1/2" Custom Shaped Maple.....	79.99	1.41
06 46 36 00-0441	LF	3-1/2" x 5-1/2" Custom Shaped Maple.....	95.13	1.52
06 46 36 00-0442	LF	3-1/2" x 6-1/2" Custom Shaped Maple.....	110.49	1.63
06 46 36 00-0443	LF	3-1/2" x 7-1/2" Custom Shaped Maple.....	125.62	1.63
06 46 36 00-0444	LF	3-1/2" x 8-1/2" Custom Shaped Maple.....	140.85	1.73
06 46 36 00-0445	LF	3-1/2" x 9-1/2" Custom Shaped Maple.....	155.98	1.73
06 46 36 00-0446	LF	3-1/2" x 10-1/2" Custom Shaped Maple.....	171.12	1.73
06 46 36 00-0447	LF	3-1/2" x 11-1/2" Custom Shaped Maple.....	186.47	1.84

06 46 36 00-0448 Appl Soft Maple (06 46 36)

06 46 36 00-0449	LF	3/4" x 1-1/2" Custom Shaped Appl Soft Maple.....	7.47	1.20
06 46 36 00-0450	LF	3/4" x 2-1/2" Custom Shaped Appl Soft Maple.....	9.41	1.20
06 46 36 00-0451	LF	3/4" x 3-1/2" Custom Shaped Appl Soft Maple.....	11.36	1.20
06 46 36 00-0452	LF	3/4" x 4-1/2" Custom Shaped Appl Soft Maple.....	13.30	1.30
06 46 36 00-0453	LF	3/4" x 5-1/2" Custom Shaped Appl Soft Maple.....	15.37	1.30
06 46 36 00-0454	LF	3/4" x 6-1/2" Custom Shaped Appl Soft Maple.....	17.43	1.41
06 46 36 00-0455	LF	3/4" x 7-1/2" Custom Shaped Appl Soft Maple.....	19.36	1.41
06 46 36 00-0456	LF	3/4" x 8-1/2" Custom Shaped Appl Soft Maple.....	21.33	1.41
06 46 36 00-0457	LF	3/4" x 9-1/2" Custom Shaped Appl Soft Maple.....	23.22	1.52
06 46 36 00-0458	LF	3/4" x 10-1/2" Custom Shaped Appl Soft Maple.....	25.31	1.63
06 46 36 00-0459	LF	3/4" x 11-1/2" Custom Shaped Appl Soft Maple.....	27.30	1.63
06 46 36 00-0460	LF	1" x 1-1/2" Custom Shaped Appl Soft Maple.....	8.51	1.20
06 46 36 00-0461	LF	1" x 2-1/2" Custom Shaped Appl Soft Maple.....	10.90	1.20
06 46 36 00-0462	LF	1" x 3-1/2" Custom Shaped Appl Soft Maple.....	13.28	1.30
06 46 36 00-0463	LF	1" x 4-1/2" Custom Shaped Appl Soft Maple.....	15.62	1.30
06 46 36 00-0464	LF	1" x 5-1/2" Custom Shaped Appl Soft Maple.....	18.24	1.41
06 46 36 00-0465	LF	1" x 6-1/2" Custom Shaped Appl Soft Maple.....	20.74	1.41
06 46 36 00-0466	LF	1" x 7-1/2" Custom Shaped Appl Soft Maple.....	23.12	1.41
06 46 36 00-0467	LF	1" x 8-1/2" Custom Shaped Appl Soft Maple.....	25.52	1.52
06 46 36 00-0468	LF	1" x 9-1/2" Custom Shaped Appl Soft Maple.....	27.91	1.52
06 46 36 00-0469	LF	1" x 10-1/2" Custom Shaped Appl Soft Maple.....	30.45	1.63
06 46 36 00-0470	LF	1" x 11-1/2" Custom Shaped Appl Soft Maple.....	32.88	1.63
06 46 36 00-0471	LF	1-1/4" x 1-1/2" Custom Shaped Appl Soft Maple.....	9.51	1.20
06 46 36 00-0472	LF	1-1/4" x 2-1/2" Custom Shaped Appl Soft Maple.....	12.39	1.20
06 46 36 00-0473	LF	1-1/4" x 3-1/2" Custom Shaped Appl Soft Maple.....	15.22	1.30
06 46 36 00-0474	LF	1-1/4" x 4-1/2" Custom Shaped Appl Soft Maple.....	18.10	1.30
06 46 36 00-0475	LF	1-1/4" x 5-1/2" Custom Shaped Appl Soft Maple.....	21.05	1.41
06 46 36 00-0476	LF	1-1/4" x 6-1/2" Custom Shaped Appl Soft Maple.....	24.06	1.41
06 46 36 00-0477	LF	1-1/4" x 7-1/2" Custom Shaped Appl Soft Maple.....	26.87	1.52
06 46 36 00-0478	LF	1-1/4" x 8-1/2" Custom Shaped Appl Soft Maple.....	29.77	1.52
06 46 36 00-0479	LF	1-1/4" x 9-1/2" Custom Shaped Appl Soft Maple.....	32.55	1.52
06 46 36 00-0480	LF	1-1/4" x 10-1/2" Custom Shaped Appl Soft Maple.....	35.58	1.63
06 46 36 00-0481	LF	1-1/4" x 11-1/2" Custom Shaped Appl Soft Maple.....	38.46	1.73
06 46 36 00-0482	LF	1-1/2" x 1-1/2" Custom Shaped Appl Soft Maple.....	11.44	1.20



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0483	LF	1-1/2"	x 2-1/2" Custom Shaped Appl Soft Maple	15.21	1.30
06 46 36 00-0484	LF	1-1/2"	x 3-1/2" Custom Shaped Appl Soft Maple	18.97	1.30
06 46 36 00-0485	LF	1-1/2"	x 4-1/2" Custom Shaped Appl Soft Maple	22.74	1.41
06 46 36 00-0486	LF	1-1/2"	x 5-1/2" Custom Shaped Appl Soft Maple	26.52	1.41
06 46 36 00-0487	LF	1-1/2"	x 6-1/2" Custom Shaped Appl Soft Maple	30.52	1.52
06 46 36 00-0488	LF	1-1/2"	x 7-1/2" Custom Shaped Appl Soft Maple	34.26	1.52
06 46 36 00-0489	LF	1-1/2"	x 8-1/2" Custom Shaped Appl Soft Maple	38.07	1.63
06 46 36 00-0490	LF	1-1/2"	x 9-1/2" Custom Shaped Appl Soft Maple	41.77	1.63
06 46 36 00-0491	LF	1-1/2"	x 10-1/2" Custom Shaped Appl Soft Maple	45.69	1.73
06 46 36 00-0492	LF	1-1/2"	x 11-1/2" Custom Shaped Appl Soft Maple	49.51	1.73
06 46 36 00-0493	Red Oak (06 46 36)				
06 46 36 00-0494	LF	3/4"	x 1-1/2" Custom Shaped Red Oak	8.02	1.20
06 46 36 00-0495	LF	3/4"	x 2-1/2" Custom Shaped Red Oak	10.24	1.20
06 46 36 00-0496	LF	3/4"	x 3-1/2" Custom Shaped Red Oak	12.47	1.20
06 46 36 00-0497	LF	3/4"	x 4-1/2" Custom Shaped Red Oak	14.68	1.30
06 46 36 00-0498	LF	3/4"	x 5-1/2" Custom Shaped Red Oak	17.02	1.30
06 46 36 00-0499	LF	3/4"	x 6-1/2" Custom Shaped Red Oak	19.36	1.41
06 46 36 00-0500	LF	3/4"	x 7-1/2" Custom Shaped Red Oak	21.57	1.41
06 46 36 00-0501	LF	3/4"	x 8-1/2" Custom Shaped Red Oak	23.82	1.41
06 46 36 00-0502	LF	3/4"	x 9-1/2" Custom Shaped Red Oak	25.98	1.52
06 46 36 00-0503	LF	3/4"	x 10-1/2" Custom Shaped Red Oak	28.35	1.63
06 46 36 00-0504	LF	3/4"	x 11-1/2" Custom Shaped Red Oak	30.62	1.63
06 46 36 00-0505	LF	1"	x 1-1/2" Custom Shaped Red Oak	9.73	1.20
06 46 36 00-0506	LF	1"	x 2-1/2" Custom Shaped Red Oak	12.78	1.20
06 46 36 00-0507	LF	1"	x 3-1/2" Custom Shaped Red Oak	15.77	1.30
06 46 36 00-0508	LF	1"	x 4-1/2" Custom Shaped Red Oak	19.93	1.30
06 46 36 00-0509	LF	1"	x 5-1/2" Custom Shaped Red Oak	21.94	1.41
06 46 36 00-0510	LF	1"	x 6-1/2" Custom Shaped Red Oak	25.11	1.41
06 46 36 00-0511	LF	1"	x 7-1/2" Custom Shaped Red Oak	28.09	1.41
06 46 36 00-0512	LF	1"	x 8-1/2" Custom Shaped Red Oak	31.10	1.52
06 46 36 00-0513	LF	1"	x 9-1/2" Custom Shaped Red Oak	34.10	1.52
06 46 36 00-0514	LF	1"	x 10-1/2" Custom Shaped Red Oak	37.30	1.63
06 46 36 00-0515	LF	1"	x 11-1/2" Custom Shaped Red Oak	40.34	1.63
06 46 36 00-0516	LF	1-1/4"	x 1-1/2" Custom Shaped Red Oak	12.16	1.20
06 46 36 00-0517	LF	1-1/4"	x 2-1/2" Custom Shaped Red Oak	16.37	1.20
06 46 36 00-0518	LF	1-1/4"	x 3-1/2" Custom Shaped Red Oak	20.52	1.30
06 46 36 00-0519	LF	1-1/4"	x 4-1/2" Custom Shaped Red Oak	24.73	1.30
06 46 36 00-0520	LF	1-1/4"	x 5-1/2" Custom Shaped Red Oak	29.01	1.41
06 46 36 00-0521	LF	1-1/4"	x 6-1/2" Custom Shaped Red Oak	33.34	1.41
06 46 36 00-0522	LF	1-1/4"	x 7-1/2" Custom Shaped Red Oak	37.48	1.52
06 46 36 00-0523	LF	1-1/4"	x 8-1/2" Custom Shaped Red Oak	41.71	1.52
06 46 36 00-0524	LF	1-1/4"	x 9-1/2" Custom Shaped Red Oak	45.81	1.52
06 46 36 00-0525	LF	1-1/4"	x 10-1/2" Custom Shaped Red Oak	50.16	1.63
06 46 36 00-0526	LF	1-1/4"	x 11-1/2" Custom Shaped Red Oak	54.37	1.73
06 46 36 00-0527	LF	1-1/2"	x 1-1/2" Custom Shaped Red Oak	17.19	1.20
06 46 36 00-0528	LF	1-1/2"	x 2-1/2" Custom Shaped Red Oak	23.82	1.30
06 46 36 00-0529	LF	1-1/2"	x 3-1/2" Custom Shaped Red Oak	30.46	1.30
06 46 36 00-0530	LF	1-1/2"	x 4-1/2" Custom Shaped Red Oak	37.10	1.30
06 46 36 00-0531	LF	1-1/2"	x 5-1/2" Custom Shaped Red Oak	43.76	1.41
06 46 36 00-0532	LF	1-1/2"	x 6-1/2" Custom Shaped Red Oak	50.73	1.52
06 46 36 00-0533	LF	1-1/2"	x 7-1/2" Custom Shaped Red Oak	57.24	1.52
06 46 36 00-0534	LF	1-1/2"	x 8-1/2" Custom Shaped Red Oak	65.02	1.63
06 46 36 00-0535	LF	1-1/2"	x 9-1/2" Custom Shaped Red Oak	70.50	1.63
06 46 36 00-0536	LF	1-1/2"	x 10-1/2" Custom Shaped Red Oak	77.28	1.63
06 46 36 00-0537	LF	1-1/2"	x 11-1/2" Custom Shaped Red Oak	83.97	1.73
06 46 36 00-0538	LF	2"	x 1-1/2" Custom Shaped Red Oak	26.60	1.30
06 46 36 00-0539	LF	2"	x 2-1/2" Custom Shaped Red Oak	37.92	1.30
06 46 36 00-0540	LF	2"	x 3-1/2" Custom Shaped Red Oak	49.19	1.30
06 46 36 00-0541	LF	2"	x 4-1/2" Custom Shaped Red Oak	60.61	1.41
06 46 36 00-0542	LF	2"	x 5-1/2" Custom Shaped Red Oak	71.88	1.41
06 46 36 00-0543	LF	2"	x 6-1/2" Custom Shaped Red Oak	83.41	1.52
06 46 36 00-0544	LF	2"	x 7-1/2" Custom Shaped Red Oak	94.68	1.52
06 46 36 00-0545	LF	2"	x 8-1/2" Custom Shaped Red Oak	106.11	1.63
06 46 36 00-0546	LF	2"	x 9-1/2" Custom Shaped Red Oak	117.38	1.63
06 46 36 00-0547	LF	2"	x 10-1/2" Custom Shaped Red Oak	128.70	1.73
06 46 36 00-0548	LF	2"	x 11-1/2" Custom Shaped Red Oak	140.19	1.84
06 46 36 00-0549	White Oak (06 46 36)				
06 46 36 00-0550	LF	3/4"	x 1-1/2" Custom Shaped White Oak	8.13	1.20
06 46 36 00-0551	LF	3/4"	x 2-1/2" Custom Shaped White Oak	10.40	1.20
06 46 36 00-0552	LF	3/4"	x 3-1/2" Custom Shaped White Oak	12.69	1.20
06 46 36 00-0553	LF	3/4"	x 4-1/2" Custom Shaped White Oak	14.96	1.30
06 46 36 00-0554	LF	3/4"	x 5-1/2" Custom Shaped White Oak	17.35	1.30
06 46 36 00-0555	LF	3/4"	x 6-1/2" Custom Shaped White Oak	19.75	1.41
06 46 36 00-0556	LF	3/4"	x 7-1/2" Custom Shaped White Oak	22.01	1.41
06 46 36 00-0557	LF	3/4"	x 8-1/2" Custom Shaped White Oak	24.32	1.41
06 46 36 00-0558	LF	3/4"	x 9-1/2" Custom Shaped White Oak	26.53	1.52
06 46 36 00-0559	LF	3/4"	x 10-1/2" Custom Shaped White Oak	28.96	1.63

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 46 Wood Trim**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

06 46 36 00-0560	LF	3/4" x 11-1/2" Custom Shaped White Oak	31.28	1.63
06 46 36 00-0561	LF	1" x 1-1/2" Custom Shaped White Oak	9.73	1.20
06 46 36 00-0562	LF	1" x 2-1/2" Custom Shaped White Oak	12.78	1.20
06 46 36 00-0563	LF	1" x 3-1/2" Custom Shaped White Oak	15.77	1.30
06 46 36 00-0564	LF	1" x 4-1/2" Custom Shaped White Oak	19.93	1.30
06 46 36 00-0565	LF	1" x 5-1/2" Custom Shaped White Oak	21.94	1.41
06 46 36 00-0566	LF	1" x 6-1/2" Custom Shaped White Oak	25.11	1.41
06 46 36 00-0567	LF	1" x 7-1/2" Custom Shaped White Oak	28.09	1.41
06 46 36 00-0568	LF	1" x 8-1/2" Custom Shaped White Oak	31.10	1.52
06 46 36 00-0569	LF	1" x 9-1/2" Custom Shaped White Oak	34.10	1.52
06 46 36 00-0570	LF	1" x 10-1/2" Custom Shaped White Oak	37.30	1.63
06 46 36 00-0571	LF	1" x 11-1/2" Custom Shaped White Oak	40.34	1.63
06 46 36 00-0572	LF	1-1/4" x 1-1/2" Custom Shaped White Oak	12.33	1.20
06 46 36 00-0573	LF	1-1/4" x 2-1/2" Custom Shaped White Oak	16.59	1.20
06 46 36 00-0574	LF	1-1/4" x 3-1/2" Custom Shaped White Oak	20.85	1.30
06 46 36 00-0575	LF	1-1/4" x 4-1/2" Custom Shaped White Oak	25.11	1.30
06 46 36 00-0576	LF	1-1/4" x 5-1/2" Custom Shaped White Oak	29.51	1.41
06 46 36 00-0577	LF	1-1/4" x 6-1/2" Custom Shaped White Oak	33.89	1.41
06 46 36 00-0578	LF	1-1/4" x 7-1/2" Custom Shaped White Oak	38.14	1.52
06 46 36 00-0579	LF	1-1/4" x 8-1/2" Custom Shaped White Oak	42.42	1.52
06 46 36 00-0580	LF	1-1/4" x 9-1/2" Custom Shaped White Oak	46.64	1.52
06 46 36 00-0581	LF	1-1/4" x 10-1/2" Custom Shaped White Oak	51.05	1.63
06 46 36 00-0582	LF	1-1/4" x 11-1/2" Custom Shaped White Oak	55.36	1.73
06 46 36 00-0583	LF	1-1/2" x 1-1/2" Custom Shaped White Oak	20.50	1.20
06 46 36 00-0584	LF	1-1/2" x 2-1/2" Custom Shaped White Oak	28.79	1.30
06 46 36 00-0585	LF	1-1/2" x 3-1/2" Custom Shaped White Oak	37.09	1.30
06 46 36 00-0586	LF	1-1/2" x 4-1/2" Custom Shaped White Oak	45.38	1.41
06 46 36 00-0587	LF	1-1/2" x 5-1/2" Custom Shaped White Oak	53.70	1.41
06 46 36 00-0588	LF	1-1/2" x 6-1/2" Custom Shaped White Oak	62.22	1.52
06 46 36 00-0589	LF	1-1/2" x 7-1/2" Custom Shaped White Oak	70.50	1.52
06 46 36 00-0590	LF	1-1/2" x 8-1/2" Custom Shaped White Oak	78.83	1.63
06 46 36 00-0591	LF	1-1/2" x 9-1/2" Custom Shaped White Oak	85.96	1.63
06 46 36 00-0592	LF	1-1/2" x 10-1/2" Custom Shaped White Oak	95.51	1.73
06 46 36 00-0593	LF	1-1/2" x 11-1/2" Custom Shaped White Oak	103.86	1.73

06 46 36 00-0594**White Pine (06 46 36)**

06 46 36 00-0595	LF	3/4" x 1-1/2" Custom Shaped White Pine	9.12	1.20
06 46 36 00-0596	LF	3/4" x 2-1/2" Custom Shaped White Pine	11.89	1.20
06 46 36 00-0597	LF	3/4" x 3-1/2" Custom Shaped White Pine	14.67	1.20
06 46 36 00-0598	LF	3/4" x 4-1/2" Custom Shaped White Pine	17.45	1.30
06 46 36 00-0599	LF	3/4" x 5-1/2" Custom Shaped White Pine	20.34	1.30
06 46 36 00-0600	LF	3/4" x 6-1/2" Custom Shaped White Pine	23.23	1.41
06 46 36 00-0601	LF	3/4" x 7-1/2" Custom Shaped White Pine	25.99	1.41
06 46 36 00-0602	LF	3/4" x 8-1/2" Custom Shaped White Pine	28.79	1.41
06 46 36 00-0603	LF	3/4" x 9-1/2" Custom Shaped White Pine	33.16	1.52
06 46 36 00-0604	LF	3/4" x 10-1/2" Custom Shaped White Pine	36.25	1.63
06 46 36 00-0605	LF	1" x 1-1/2" Custom Shaped White Pine	10.28	1.20
06 46 36 00-0606	LF	1" x 2-1/2" Custom Shaped White Pine	13.61	1.20
06 46 36 00-0607	LF	1" x 3-1/2" Custom Shaped White Pine	16.87	1.30
06 46 36 00-0608	LF	1" x 4-1/2" Custom Shaped White Pine	20.21	1.30
06 46 36 00-0609	LF	1" x 5-1/2" Custom Shaped White Pine	23.60	1.41
06 46 36 00-0610	LF	1" x 6-1/2" Custom Shaped White Pine	27.04	1.41
06 46 36 00-0611	LF	1" x 7-1/2" Custom Shaped White Pine	30.30	1.41
06 46 36 00-0612	LF	1" x 8-1/2" Custom Shaped White Pine	33.64	1.52
06 46 36 00-0613	LF	1" x 9-1/2" Custom Shaped White Pine	36.86	1.52
06 46 36 00-0614	LF	1" x 10-1/2" Custom Shaped White Pine	40.33	1.63
06 46 36 00-0615	LF	1" x 11-1/2" Custom Shaped White Pine	43.65	1.63
06 46 36 00-0616	LF	1-1/4" x 1-1/2" Custom Shaped White Pine	11.66	1.20
06 46 36 00-0617	LF	1-1/4" x 2-1/2" Custom Shaped White Pine	15.59	1.20
06 46 36 00-0618	LF	1-1/4" x 3-1/2" Custom Shaped White Pine	19.64	1.30
06 46 36 00-0619	LF	1-1/4" x 4-1/2" Custom Shaped White Pine	23.46	1.30
06 46 36 00-0620	LF	1-1/4" x 5-1/2" Custom Shaped White Pine	27.52	1.41
06 46 36 00-0621	LF	1-1/4" x 6-1/2" Custom Shaped White Pine	31.57	1.41
06 46 36 00-0622	LF	1-1/4" x 7-1/2" Custom Shaped White Pine	35.49	1.52
06 46 36 00-0623	LF	1-1/4" x 8-1/2" Custom Shaped White Pine	39.44	1.52
06 46 36 00-0624	LF	1-1/4" x 9-1/2" Custom Shaped White Pine	43.32	1.52
06 46 36 00-0625	LF	1-1/4" x 10-1/2" Custom Shaped White Pine	47.40	1.63
06 46 36 00-0626	LF	1-1/4" x 11-1/2" Custom Shaped White Pine	51.38	1.73
06 46 36 00-0627	LF	1-1/2" x 1-1/2" Custom Shaped White Pine	14.75	1.20
06 46 36 00-0628	LF	1-1/2" x 2-1/2" Custom Shaped White Pine	20.18	1.30
06 46 36 00-0629	LF	1-1/2" x 3-1/2" Custom Shaped White Pine	25.60	1.30
06 46 36 00-0630	LF	1-1/2" x 4-1/2" Custom Shaped White Pine	31.02	1.41
06 46 36 00-0631	LF	1-1/2" x 5-1/2" Custom Shaped White Pine	36.47	1.41
06 46 36 00-0632	LF	1-1/2" x 6-1/2" Custom Shaped White Pine	42.12	1.52
06 46 36 00-0633	LF	1-1/2" x 7-1/2" Custom Shaped White Pine	47.52	1.52
06 46 36 00-0634	LF	1-1/2" x 8-1/2" Custom Shaped White Pine	52.98	1.63
06 46 36 00-0635	LF	1-1/2" x 9-1/2" Custom Shaped White Pine	59.45	1.63
06 46 36 00-0636	LF	1-1/2" x 10-1/2" Custom Shaped White Pine	63.92	1.73
06 46 36 00-0637	LF	1-1/2" x 11-1/2" Custom Shaped White Pine	69.39	1.73
06 46 36 00-0638	LF	2" x 1-1/2" Custom Shaped White Pine	23.01	1.30



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0639 LF 2" x 2-1/2" Custom Shaped White Pine	32.51	1.30
06 46 36 00-0640 LF 2" x 3-1/2" Custom Shaped White Pine	42.01	1.30
06 46 36 00-0641 LF 2" x 4-1/2" Custom Shaped White Pine	51.61	1.41
06 46 36 00-0642 LF 2" x 5-1/2" Custom Shaped White Pine	61.11	1.41
06 46 36 00-0643 LF 2" x 6-1/2" Custom Shaped White Pine	70.82	1.52
06 46 36 00-0644 LF 2" x 7-1/2" Custom Shaped White Pine	80.32	1.52
06 46 36 00-0645 LF 2" x 8-1/2" Custom Shaped White Pine	89.93	1.63
06 46 36 00-0646 LF 2" x 9-1/2" Custom Shaped White Pine	99.43	1.63
06 46 36 00-0647 LF 2" x 10-1/2" Custom Shaped White Pine	108.93	1.73
06 46 36 00-0648 LF 2" x 11-1/2" Custom Shaped White Pine	118.65	1.84
06 46 36 00-0649 LF 2-1/2" x 1-1/2" Custom Shaped White Pine	27.54	1.30
06 46 36 00-0650 LF 2-1/2" x 2-1/2" Custom Shaped White Pine	39.25	1.30
06 46 36 00-0651 LF 2-1/2" x 3-1/2" Custom Shaped White Pine	50.96	1.41
06 46 36 00-0652 LF 2-1/2" x 4-1/2" Custom Shaped White Pine	62.77	1.41
06 46 36 00-0653 LF 2-1/2" x 5-1/2" Custom Shaped White Pine	74.48	1.41
06 46 36 00-0654 LF 2-1/2" x 6-1/2" Custom Shaped White Pine	86.39	1.52
06 46 36 00-0655 LF 2-1/2" x 7-1/2" Custom Shaped White Pine	98.11	1.63
06 46 36 00-0656 LF 2-1/2" x 8-1/2" Custom Shaped White Pine	109.92	1.63
06 46 36 00-0657 LF 2-1/2" x 9-1/2" Custom Shaped White Pine	121.63	1.73
06 46 36 00-0658 LF 2-1/2" x 10-1/2" Custom Shaped White Pine	133.34	1.73
06 46 36 00-0659 LF 2-1/2" x 11-1/2" Custom Shaped White Pine	145.27	1.84
06 46 36 00-0660 LF 3-1/2" x 3-1/2" Custom Shaped White Pine	70.95	1.41
06 46 36 00-0661 LF 3-1/2" x 4-1/2" Custom Shaped White Pine	87.72	1.41
06 46 36 00-0662 LF 3-1/2" x 5-1/2" Custom Shaped White Pine	104.41	1.52
06 46 36 00-0663 LF 3-1/2" x 6-1/2" Custom Shaped White Pine	121.31	1.63
06 46 36 00-0664 LF 3-1/2" x 7-1/2" Custom Shaped White Pine	137.99	1.63
06 46 36 00-0665 LF 3-1/2" x 8-1/2" Custom Shaped White Pine	154.77	1.73
06 46 36 00-0666 LF 3-1/2" x 9-1/2" Custom Shaped White Pine	171.44	1.73
06 46 36 00-0667 LF 3-1/2" x 10-1/2" Custom Shaped White Pine	188.13	1.73
06 46 36 00-0668 LF 3-1/2" x 11-1/2" Custom Shaped White Pine	205.03	1.84
06 46 36 00-0669 Clear Yellow Pine (06 46 36)		
06 46 36 00-0670 LF 3/4" x 1-1/2" Custom Shaped "C" Y Pine	6.03	1.20
06 46 36 00-0671 LF 3/4" x 2-1/2" Custom Shaped "C" Y Pine	7.25	1.20
06 46 36 00-0672 LF 3/4" x 3-1/2" Custom Shaped "C" Y Pine	8.49	1.20
06 46 36 00-0673 LF 3/4" x 4-1/2" Custom Shaped "C" Y Pine	9.71	1.30
06 46 36 00-0674 LF 3/4" x 5-1/2" Custom Shaped "C" Y Pine	11.06	1.30
06 46 36 00-0675 LF 3/4" x 6-1/2" Custom Shaped "C" Y Pine	12.40	1.41
06 46 36 00-0676 LF 3/4" x 7-1/2" Custom Shaped "C" Y Pine	13.62	1.41
06 46 36 00-0677 LF 3/4" x 8-1/2" Custom Shaped "C" Y Pine	14.87	1.41
06 46 36 00-0678 LF 1" x 1-1/2" Custom Shaped "C" Y Pine	6.97	1.20
06 46 36 00-0679 LF 1" x 2-1/2" Custom Shaped "C" Y Pine	8.63	1.20
06 46 36 00-0680 LF 1" x 3-1/2" Custom Shaped "C" Y Pine	10.25	1.30
06 46 36 00-0681 LF 1" x 4-1/2" Custom Shaped "C" Y Pine	11.92	1.30
06 46 36 00-0682 LF 1" x 5-1/2" Custom Shaped "C" Y Pine	13.65	1.41
06 46 36 00-0683 LF 1" x 6-1/2" Custom Shaped "C" Y Pine	15.44	1.41
06 46 36 00-0684 LF 1" x 7-1/2" Custom Shaped "C" Y Pine	17.59	1.41
06 46 36 00-0685 LF 1" x 8-1/2" Custom Shaped "C" Y Pine	19.34	1.52
06 46 36 00-0686 LF 1-1/2" x 1-1/2" Custom Shaped "C" Y Pine	8.13	1.20
06 46 36 00-0687 LF 1-1/2" x 2-1/2" Custom Shaped "C" Y Pine	10.24	1.30
06 46 36 00-0688 LF 1-1/2" x 3-1/2" Custom Shaped "C" Y Pine	12.34	1.30
06 46 36 00-0689 LF 1-1/2" x 4-1/2" Custom Shaped "C" Y Pine	14.45	1.41
06 46 36 00-0690 LF 1-1/2" x 5-1/2" Custom Shaped "C" Y Pine	16.58	1.41
06 46 36 00-0691 LF 1-1/2" x 6-1/2" Custom Shaped "C" Y Pine	18.92	1.52
06 46 36 00-0692 LF 1-1/2" x 7-1/2" Custom Shaped "C" Y Pine	21.01	1.52
06 46 36 00-0693 LF 1-1/2" x 8-1/2" Custom Shaped "C" Y Pine	23.16	1.63
06 46 36 00-0694 LF 1-1/2" x 9-1/2" Custom Shaped "C" Y Pine	26.86	1.63
06 46 36 00-0695 LF 1-1/2" x 10-1/2" Custom Shaped "C" Y Pine	27.68	1.73
06 46 36 00-0696 Poplar (06 46 36)		
06 46 36 00-0697 LF 3/4" x 1-1/2" Custom Shaped Poplar	6.36	1.20
06 46 36 00-0698 LF 3/4" x 2-1/2" Custom Shaped Poplar	7.75	1.20
06 46 36 00-0699 LF 3/4" x 3-1/2" Custom Shaped Poplar	9.15	1.20
06 46 36 00-0700 LF 3/4" x 4-1/2" Custom Shaped Poplar	10.54	1.30
06 46 36 00-0701 LF 3/4" x 5-1/2" Custom Shaped Poplar	12.05	1.30
06 46 36 00-0702 LF 3/4" x 6-1/2" Custom Shaped Poplar	13.56	1.41
06 46 36 00-0703 LF 3/4" x 7-1/2" Custom Shaped Poplar	14.94	1.41
06 46 36 00-0704 LF 3/4" x 8-1/2" Custom Shaped Poplar	16.36	1.41
06 46 36 00-0705 LF 3/4" x 9-1/2" Custom Shaped Poplar	17.69	1.52
06 46 36 00-0706 LF 3/4" x 10-1/2" Custom Shaped Poplar	19.23	1.63
06 46 36 00-0707 LF 3/4" x 11-1/2" Custom Shaped Poplar	20.79	1.63
06 46 36 00-0708 LF 1" x 1-1/2" Custom Shaped Poplar	7.41	1.20
06 46 36 00-0709 LF 1" x 2-1/2" Custom Shaped Poplar	9.24	1.20
06 46 36 00-0710 LF 1" x 3-1/2" Custom Shaped Poplar	11.07	1.30
06 46 36 00-0711 LF 1" x 4-1/2" Custom Shaped Poplar	12.92	1.30
06 46 36 00-0712 LF 1" x 5-1/2" Custom Shaped Poplar	14.92	1.41
06 46 36 00-0713 LF 1" x 6-1/2" Custom Shaped Poplar	16.88	1.41
06 46 36 00-0714 LF 1" x 7-1/2" Custom Shaped Poplar	18.70	1.41
06 46 36 00-0715 LF 1" x 8-1/2" Custom Shaped Poplar	20.55	1.52

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 46 Wood Trim**MINOR
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

06 46 36 00-0716	LF	1" x 9-1/2" Custom Shaped Poplar	22.39	1.52
06 46 36 00-0717	LF	1" x 10-1/2" Custom Shaped Poplar	24.37	1.63
06 46 36 00-0718	LF	1" x 11-1/2" Custom Shaped Poplar	26.25	1.63
06 46 36 00-0719	LF	1-1/4" x 1-1/2" Custom Shaped Poplar	8.35	1.20
06 46 36 00-0720	LF	1-1/4" x 2-1/2" Custom Shaped Poplar	10.62	1.20
06 46 36 00-0721	LF	1-1/4" x 3-1/2" Custom Shaped Poplar	12.90	1.30
06 46 36 00-0722	LF	1-1/4" x 4-1/2" Custom Shaped Poplar	15.17	1.30
06 46 36 00-0723	LF	1-1/4" x 5-1/2" Custom Shaped Poplar	17.57	1.41
06 46 36 00-0724	LF	1-1/4" x 6-1/2" Custom Shaped Poplar	19.97	1.41
06 46 36 00-0725	LF	1-1/4" x 7-1/2" Custom Shaped Poplar	22.23	1.52
06 46 36 00-0726	LF	1-1/4" x 8-1/2" Custom Shaped Poplar	24.53	1.52
06 46 36 00-0727	LF	1-1/4" x 9-1/2" Custom Shaped Poplar	26.75	1.52
06 46 36 00-0728	LF	1-1/4" x 10-1/2" Custom Shaped Poplar	29.18	1.63
06 46 36 00-0729	LF	1-1/4" x 11-1/2" Custom Shaped Poplar	31.50	1.73
06 46 36 00-0730	LF	1-1/2" x 1-1/2" Custom Shaped Poplar	10.56	1.20
06 46 36 00-0731	LF	1-1/2" x 2-1/2" Custom Shaped Poplar	13.88	1.30
06 46 36 00-0732	LF	1-1/2" x 3-1/2" Custom Shaped Poplar	17.20	1.30
06 46 36 00-0733	LF	1-1/2" x 4-1/2" Custom Shaped Poplar	20.53	1.41
06 46 36 00-0734	LF	1-1/2" x 5-1/2" Custom Shaped Poplar	23.87	1.41
06 46 36 00-0735	LF	1-1/2" x 6-1/2" Custom Shaped Poplar	27.43	1.52
06 46 36 00-0736	LF	1-1/2" x 7-1/2" Custom Shaped Poplar	30.73	1.52
06 46 36 00-0737	LF	1-1/2" x 8-1/2" Custom Shaped Poplar	34.09	1.63
06 46 36 00-0738	LF	1-1/2" x 9-1/2" Custom Shaped Poplar	37.36	1.63
06 46 36 00-0739	LF	1-1/2" x 10-1/2" Custom Shaped Poplar	40.83	1.73
06 46 36 00-0740	LF	1-1/2" x 11-1/2" Custom Shaped Poplar	44.20	1.73
06 46 36 00-0741	LF	2" x 1-1/2" Custom Shaped Poplar	13.90	1.30
06 46 36 00-0742	LF	2" x 2-1/2" Custom Shaped Poplar	18.87	1.30
06 46 36 00-0743	LF	2" x 3-1/2" Custom Shaped Poplar	23.78	1.30
06 46 36 00-0744	LF	2" x 4-1/2" Custom Shaped Poplar	28.85	1.41
06 46 36 00-0745	LF	2" x 5-1/2" Custom Shaped Poplar	33.77	1.41
06 46 36 00-0746	LF	2" x 6-1/2" Custom Shaped Poplar	38.95	1.52
06 46 36 00-0747	LF	2" x 7-1/2" Custom Shaped Poplar	43.86	1.52
06 46 36 00-0748	LF	2" x 8-1/2" Custom Shaped Poplar	48.94	1.63
06 46 36 00-0749	LF	2" x 9-1/2" Custom Shaped Poplar	53.86	1.63
06 46 36 00-0750	LF	2" x 10-1/2" Custom Shaped Poplar	58.83	1.73
06 46 36 00-0751	LF	2" x 11-1/2" Custom Shaped Poplar	63.97	1.84
06 46 36 00-0752	LF	2-1/2" x 1-1/2" Custom Shaped Poplar	17.26	1.30
06 46 36 00-0753	LF	2-1/2" x 2-1/2" Custom Shaped Poplar	23.84	1.30
06 46 36 00-0754	LF	2-1/2" x 3-1/2" Custom Shaped Poplar	30.41	1.41
06 46 36 00-0755	LF	2-1/2" x 4-1/2" Custom Shaped Poplar	37.08	1.41
06 46 36 00-0756	LF	2-1/2" x 5-1/2" Custom Shaped Poplar	43.65	1.41
06 46 36 00-0757	LF	2-1/2" x 6-1/2" Custom Shaped Poplar	50.44	1.52
06 46 36 00-0758	LF	2-1/2" x 7-1/2" Custom Shaped Poplar	57.02	1.63
06 46 36 00-0759	LF	2-1/2" x 8-1/2" Custom Shaped Poplar	63.69	1.63
06 46 36 00-0760	LF	2-1/2" x 9-1/2" Custom Shaped Poplar	70.26	1.73
06 46 36 00-0761	LF	2-1/2" x 10-1/2" Custom Shaped Poplar	76.84	1.73
06 46 36 00-0762	LF	2-1/2" x 11-1/2" Custom Shaped Poplar	83.63	1.84
06 46 36 00-0763	LF	3-1/2" x 3-1/2" Custom Shaped Poplar	41.79	1.41
06 46 36 00-0764	LF	3-1/2" x 4-1/2" Custom Shaped Poplar	51.27	1.41
06 46 36 00-0765	LF	3-1/2" x 5-1/2" Custom Shaped Poplar	60.67	1.52
06 46 36 00-0766	LF	3-1/2" x 6-1/2" Custom Shaped Poplar	70.39	1.63
06 46 36 00-0767	LF	3-1/2" x 7-1/2" Custom Shaped Poplar	79.66	1.63
06 46 36 00-0768	LF	3-1/2" x 8-1/2" Custom Shaped Poplar	89.15	1.73
06 46 36 00-0769	LF	3-1/2" x 9-1/2" Custom Shaped Poplar	98.53	1.73
06 46 36 00-0770	LF	3-1/2" x 10-1/2" Custom Shaped Poplar	107.93	1.73
06 46 36 00-0771	LF	3-1/2" x 11-1/2" Custom Shaped Poplar	117.54	1.84

06 46 36 00-0772 Clear Heart Redwood (06 46 36)

06 46 36 00-0773	LF	3/4" x 1-1/2" Custom Shaped Clear Heart Redwood	7.91	1.20
06 46 36 00-0774	LF	3/4" x 2-1/2" Custom Shaped Clear Heart Redwood	10.07	1.20
06 46 36 00-0775	LF	3/4" x 3-1/2" Custom Shaped Clear Heart Redwood	12.24	1.20
06 46 36 00-0776	LF	3/4" x 4-1/2" Custom Shaped Clear Heart Redwood	14.41	1.30
06 46 36 00-0777	LF	3/4" x 5-1/2" Custom Shaped Clear Heart Redwood	16.69	1.30
06 46 36 00-0778	LF	3/4" x 6-1/2" Custom Shaped Clear Heart Redwood	18.98	1.41
06 46 36 00-0779	LF	3/4" x 7-1/2" Custom Shaped Clear Heart Redwood	23.34	1.41
06 46 36 00-0780	LF	3/4" x 8-1/2" Custom Shaped Clear Heart Redwood	25.81	1.41
06 46 36 00-0781	LF	3/4" x 9-1/2" Custom Shaped Clear Heart Redwood	25.92	1.52
06 46 36 00-0782	LF	3/4" x 10-1/2" Custom Shaped Clear Heart Redwood	27.74	1.63
06 46 36 00-0783	LF	1" x 1-1/2" Custom Shaped Clear Heart Redwood	9.62	1.20
06 46 36 00-0784	LF	1" x 2-1/2" Custom Shaped Clear Heart Redwood	12.56	1.20
06 46 36 00-0785	LF	1" x 3-1/2" Custom Shaped Clear Heart Redwood	15.49	1.30
06 46 36 00-0786	LF	1" x 4-1/2" Custom Shaped Clear Heart Redwood	18.44	1.30
06 46 36 00-0787	LF	1" x 5-1/2" Custom Shaped Clear Heart Redwood	21.55	1.41
06 46 36 00-0788	LF	1" x 6-1/2" Custom Shaped Clear Heart Redwood	24.61	1.41
06 46 36 00-0789	LF	1" x 7-1/2" Custom Shaped Clear Heart Redwood	31.40	1.41
06 46 36 00-0790	LF	1" x 8-1/2" Custom Shaped Clear Heart Redwood	34.86	1.52
06 46 36 00-0791	LF	1" x 9-1/2" Custom Shaped Clear Heart Redwood	38.24	1.52
06 46 36 00-0792	LF	1" x 10-1/2" Custom Shaped Clear Heart Redwood	41.82	1.63
06 46 36 00-0793	LF	1-1/2" x 1-1/2" Custom Shaped Clear Heart Redwood	12.77	1.20
06 46 36 00-0794	LF	1-1/2" x 2-1/2" Custom Shaped Clear Heart Redwood	17.19	1.30



MINOR CSI UOM DESCRIPTION				TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0795	LF	1-1/2" x 3-1/2" Custom Shaped Clear Heart Redwood	21.62	1.30	
06 46 36 00-0796	LF	1-1/2" x 4-1/2" Custom Shaped Clear Heart Redwood	26.05	1.41	
06 46 36 00-0797	LF	1-1/2" x 5-1/2" Custom Shaped Clear Heart Redwood	30.50	1.41	
06 46 36 00-0798	LF	1-1/2" x 6-1/2" Custom Shaped Clear Heart Redwood	35.27	1.52	
06 46 36 00-0799	LF	1-1/2" x 7-1/2" Custom Shaped Clear Heart Redwood	47.52	1.52	
06 46 36 00-0800	LF	1-1/2" x 8-1/2" Custom Shaped Clear Heart Redwood	52.98	1.63	
06 46 36 00-0801	LF	1-1/2" x 9-1/2" Custom Shaped Clear Heart Redwood	62.76	1.63	
06 46 36 00-0802	LF	1-1/2" x 10-1/2" Custom Shaped Clear Heart Redwood	68.78	1.73	
06 46 36 00-0803	LF	3-1/2" x 3-1/2" Custom Shaped Clear Heart Redwood	66.53	1.41	
06 46 36 00-0804	LF	3-1/2" x 4-1/2" Custom Shaped Clear Heart Redwood	82.20	1.41	
06 46 36 00-0805	LF	3-1/2" x 5-1/2" Custom Shaped Clear Heart Redwood	97.78	1.52	
06 46 36 00-0806	LF	3-1/2" x 6-1/2" Custom Shaped Clear Heart Redwood	113.58	1.63	
06 46 36 00-0807	LF	3-1/2" x 7-1/2" Custom Shaped Clear Heart Redwood	129.15	1.63	
06 46 36 00-0808	LF	3-1/2" x 8-1/2" Custom Shaped Clear Heart Redwood	144.83	1.73	
06 46 36 00-0809	LF	3-1/2" x 9-1/2" Custom Shaped Clear Heart Redwood	160.40	1.73	
06 46 36 00-0810	LF	3-1/2" x 10-1/2" Custom Shaped Clear Heart Redwood	175.98	1.73	
06 46 36 00-0811	LF	3-1/2" x 11-1/2" Custom Shaped Clear Heart Redwood	191.78	1.84	
06 46 36 00-0812 Teak (06 46 36)					
06 46 36 00-0813	LF	3/4" x 1-1/2" Custom Shaped Teak	22.71	1.20	
06 46 36 00-0814	LF	3/4" x 2-1/2" Custom Shaped Teak	32.28	1.20	
06 46 36 00-0815	LF	3/4" x 3-1/2" Custom Shaped Teak	41.85	1.20	
06 46 36 00-0816	LF	3/4" x 4-1/2" Custom Shaped Teak	51.42	1.30	
06 46 36 00-0817	LF	3/4" x 5-1/2" Custom Shaped Teak	61.10	1.30	
06 46 36 00-0818	LF	3/4" x 6-1/2" Custom Shaped Teak	70.79	1.41	
06 46 36 00-0819	LF	3/4" x 7-1/2" Custom Shaped Teak	80.34	1.41	
06 46 36 00-0820	LF	3/4" x 8-1/2" Custom Shaped Teak	89.94	1.41	
06 46 36 00-0821	LF	3/4" x 9-1/2" Custom Shaped Teak	99.44	1.52	
06 46 36 00-0822	LF	3/4" x 10-1/2" Custom Shaped Teak	109.16	1.63	
06 46 36 00-0823	LF	3/4" x 11-1/2" Custom Shaped Teak	118.77	1.63	
06 46 36 00-0824	LF	1-1/2" x 1-1/2" Custom Shaped Teak	52.98	1.20	
06 46 36 00-0825	LF	1-1/2" x 2-1/2" Custom Shaped Teak	60.94	1.30	
06 46 36 00-0826	LF	1-1/2" x 3-1/2" Custom Shaped Teak	79.95	1.30	
06 46 36 00-0827	LF	1-1/2" x 4-1/2" Custom Shaped Teak	98.96	1.41	
06 46 36 00-0828	LF	1-1/2" x 5-1/2" Custom Shaped Teak	117.99	1.41	
06 46 36 00-0829	LF	1-1/2" x 6-1/2" Custom Shaped Teak	136.68	1.52	
06 46 36 00-0830	LF	1-1/2" x 7-1/2" Custom Shaped Teak	156.22	1.52	
06 46 36 00-0831	LF	1-1/2" x 8-1/2" Custom Shaped Teak	175.27	1.63	
06 46 36 00-0832	LF	1-1/2" x 9-1/2" Custom Shaped Teak	194.22	1.63	
06 46 36 00-0833	LF	1-1/2" x 10-1/2" Custom Shaped Teak	213.38	1.73	
06 46 36 00-0834	LF	1-1/2" x 11-1/2" Custom Shaped Teak	232.44	1.73	
06 46 36 00-0835 Walnut (06 46 36)					
06 46 36 00-0836	LF	3/4" x 1-1/2" Custom Shaped Walnut	12.22	1.20	
06 46 36 00-0837	LF	3/4" x 2-1/2" Custom Shaped Walnut	16.53	1.20	
06 46 36 00-0838	LF	3/4" x 3-1/2" Custom Shaped Walnut	20.86	1.20	
06 46 36 00-0839	LF	3/4" x 4-1/2" Custom Shaped Walnut	25.18	1.30	
06 46 36 00-0840	LF	3/4" x 5-1/2" Custom Shaped Walnut	29.62	1.30	
06 46 36 00-0841	LF	3/4" x 6-1/2" Custom Shaped Walnut	34.05	1.41	
06 46 36 00-0842	LF	3/4" x 7-1/2" Custom Shaped Walnut	38.36	1.41	
06 46 36 00-0843	LF	3/4" x 8-1/2" Custom Shaped Walnut	42.71	1.41	
06 46 36 00-0844	LF	3/4" x 9-1/2" Custom Shaped Walnut	46.97	1.52	
06 46 36 00-0845	LF	3/4" x 10-1/2" Custom Shaped Walnut	51.44	1.63	
06 46 36 00-0846	LF	3/4" x 11-1/2" Custom Shaped Walnut	55.80	1.63	
06 46 36 00-0847	LF	1" x 1-1/2" Custom Shaped Walnut	14.70	1.20	
06 46 36 00-0848	LF	1" x 2-1/2" Custom Shaped Walnut	20.23	1.20	
06 46 36 00-0849	LF	1" x 3-1/2" Custom Shaped Walnut	25.71	1.30	
06 46 36 00-0850	LF	1" x 4-1/2" Custom Shaped Walnut	31.25	1.30	
06 46 36 00-0851	LF	1" x 5-1/2" Custom Shaped Walnut	36.85	1.41	
06 46 36 00-0852	LF	1" x 6-1/2" Custom Shaped Walnut	42.50	1.41	
06 46 36 00-0853	LF	1" x 7-1/2" Custom Shaped Walnut	47.97	1.41	
06 46 36 00-0854	LF	1" x 8-1/2" Custom Shaped Walnut	53.53	1.52	
06 46 36 00-0855	LF	1" x 9-1/2" Custom Shaped Walnut	58.95	1.52	
06 46 36 00-0856	LF	1" x 10-1/2" Custom Shaped Walnut	64.64	1.63	
06 46 36 00-0857	LF	1" x 11-1/2" Custom Shaped Walnut	70.16	1.63	
06 46 36 00-0858	LF	1-1/4" x 1-1/2" Custom Shaped Walnut	18.12	1.20	
06 46 36 00-0859	LF	1-1/4" x 2-1/2" Custom Shaped Walnut	25.31	1.20	
06 46 36 00-0860	LF	1-1/4" x 3-1/2" Custom Shaped Walnut	32.45	1.30	
06 46 36 00-0861	LF	1-1/4" x 4-1/2" Custom Shaped Walnut	39.64	1.30	
06 46 36 00-0862	LF	1-1/4" x 5-1/2" Custom Shaped Walnut	46.90	1.41	
06 46 36 00-0863	LF	1-1/4" x 6-1/2" Custom Shaped Walnut	54.21	1.41	
06 46 36 00-0864	LF	1-1/4" x 7-1/2" Custom Shaped Walnut	61.34	1.52	
06 46 36 00-0865	LF	1-1/4" x 8-1/2" Custom Shaped Walnut	68.55	1.52	
06 46 36 00-0866	LF	1-1/4" x 9-1/2" Custom Shaped Walnut	75.63	1.52	
06 46 36 00-0867	LF	1-1/4" x 10-1/2" Custom Shaped Walnut	82.97	1.63	
06 46 36 00-0868	LF	1-1/4" x 11-1/2" Custom Shaped Walnut	90.16	1.73	
06 46 36 00-0869	LF	1-1/2" x 1-1/2" Custom Shaped Walnut	24.70	1.20	
06 46 36 00-0870	LF	1-1/2" x 2-1/2" Custom Shaped Walnut	35.09	1.30	
06 46 36 00-0871	LF	1-1/2" x 3-1/2" Custom Shaped Walnut	45.48	1.30	

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 46 Wood Trim**MINOR
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

06 46 36 00-0872	LF	1-1/2" x 4-1/2" Custom Shaped Walnut	55.88	1.41
06 46 36 00-0873	LF	1-1/2" x 5-1/2" Custom Shaped Walnut	66.29	1.41
06 46 36 00-0874	LF	1-1/2" x 6-1/2" Custom Shaped Walnut	76.92	1.52
06 46 36 00-0875	LF	1-1/2" x 7-1/2" Custom Shaped Walnut	87.29	1.52
06 46 36 00-0876	LF	1-1/2" x 8-1/2" Custom Shaped Walnut	97.72	1.63
06 46 36 00-0877	LF	1-1/2" x 9-1/2" Custom Shaped Walnut	109.16	1.63
06 46 36 00-0878	LF	1-1/2" x 10-1/2" Custom Shaped Walnut	118.60	1.73
06 46 36 00-0879	LF	1-1/2" x 11-1/2" Custom Shaped Walnut	129.04	1.73
06 46 36 00-0880	LF	2" x 1-1/2" Custom Shaped Walnut	41.79	1.30
06 46 36 00-0881	LF	2" x 2-1/2" Custom Shaped Walnut	60.68	1.30
06 46 36 00-0882	LF	2" x 3-1/2" Custom Shaped Walnut	79.57	1.30
06 46 36 00-0883	LF	2" x 4-1/2" Custom Shaped Walnut	98.56	1.41
06 46 36 00-0884	LF	2" x 5-1/2" Custom Shaped Walnut	117.45	1.41
06 46 36 00-0885	LF	2" x 6-1/2" Custom Shaped Walnut	136.55	1.52
06 46 36 00-0886	LF	2" x 7-1/2" Custom Shaped Walnut	155.44	1.52
06 46 36 00-0887	LF	2" x 8-1/2" Custom Shaped Walnut	174.44	1.63
06 46 36 00-0888	LF	2" x 9-1/2" Custom Shaped Walnut	193.33	1.63
06 46 36 00-0889	LF	2" x 10-1/2" Custom Shaped Walnut	212.22	1.73
06 46 36 00-0890	LF	2" x 11-1/2" Custom Shaped Walnut	231.33	1.84
06 46 36 00-0891	LF	2-1/2" x 1-1/2" Custom Shaped Walnut	52.39	1.30
06 46 36 00-0892	LF	2-1/2" x 2-1/2" Custom Shaped Walnut	76.53	1.30
06 46 36 00-0893	LF	2-1/2" x 3-1/2" Custom Shaped Walnut	100.67	1.41
06 46 36 00-0894	LF	2-1/2" x 4-1/2" Custom Shaped Walnut	124.90	1.41
06 46 36 00-0895	LF	2-1/2" x 5-1/2" Custom Shaped Walnut	149.04	1.41
06 46 36 00-0896	LF	2-1/2" x 6-1/2" Custom Shaped Walnut	173.39	1.52
06 46 36 00-0897	LF	2-1/2" x 7-1/2" Custom Shaped Walnut	197.54	1.63
06 46 36 00-0898	LF	2-1/2" x 8-1/2" Custom Shaped Walnut	221.77	1.63
06 46 36 00-0899	LF	2-1/2" x 9-1/2" Custom Shaped Walnut	245.91	1.73
06 46 36 00-0900	LF	2-1/2" x 10-1/2" Custom Shaped Walnut	270.05	1.73
06 46 36 00-0901	LF	2-1/2" x 11-1/2" Custom Shaped Walnut	294.40	1.84

06 48 Wood Frames (06 40)

Note: Includes perimeter caulk, sealant (as required), anchors and silencers.

06 48 13 Exterior Wood Door Frames (06 48)**06 48 13 00-0001 Exterior Door Frames** (06 48 13)

Note: 6'-8" and 7'-2" frames are the same price as 7' frames. Custom made with threshold, includes all trim molding, up to 8" depth.

06 48 13 00-0002	EA	3' x 7' Pine Exterior Door Frame Custom Made With Threshold And Trim	290.20	61.54
		For Birch, Add	58.53	
		For Mahogany, Add	142.15	
06 48 13 00-0003	EA	3'-6" x 7' Pine Exterior Door Frame Custom Made With Threshold And Trim	305.10	64.49
		For Birch, Add	61.84	
		For Mahogany, Add	150.19	
06 48 13 00-0004	EA	4' x 7' Pine Exterior Door Frame Custom Made With Threshold And Trim	320.02	67.00
		For Birch, Add	65.15	
		For Mahogany, Add	158.22	
06 48 13 00-0005	EA	5' x 7' Pine Exterior Door Frame Custom Made With Threshold And Trim	348.52	71.71
		For Birch, Add	71.76	
		For Mahogany, Add	174.28	
06 48 13 00-0006	EA	6' x 7' Pine Exterior Door Frame Custom Made With Threshold And Trim	377.66	76.84
		For Birch, Add	78.38	
		For Mahogany, Add	190.35	
06 48 13 00-0007	EA	3' x 7' Walnut Exterior Door Frame Custom Made With Threshold And Trim	430.69	61.76
06 48 13 00-0008	EA	3'-6" x 7' Walnut Exterior Door Frame Custom Made With Threshold And Trim	438.69	64.49
06 48 13 00-0009	EA	4' x 7' Walnut Exterior Door Frame Custom Made With Threshold And Trim	446.65	67.23
06 48 13 00-0010	EA	5' x 7' Walnut Exterior Door Frame Custom Made With Threshold And Trim	460.50	71.60
06 48 13 00-0011	EA	6' x 7' Walnut Exterior Door Frame Custom Made With Threshold And Trim	476.64	77.07
06 48 13 00-0012	EA	3' x 7' Oak Exterior Door Frame Custom Made With Threshold And Trim	338.69	61.76
06 48 13 00-0013	EA	3'-6" x 7' Oak Exterior Door Frame Custom Made With Threshold And Trim	354.99	64.49
06 48 13 00-0014	EA	4' x 7' Oak Exterior Door Frame Custom Made With Threshold And Trim	371.39	67.23
06 48 13 00-0015	EA	5' x 7' Oak Exterior Door Frame Custom Made With Threshold And Trim	401.85	71.60
06 48 13 00-0016	EA	6' x 7' Oak Exterior Door Frame Custom Made With Threshold And Trim	434.47	77.07

06 48 16 Interior Wood Door Frames (06 48)**06 48 16 00-0001 Interior Door Frames** (06 48 16)

Note: 6'-8" and 7'-2" frames are the same price as 7' frames. Custom made, includes all trim molding.

06 48 16 00-0002	EA	2'-0" Or 2'-4" x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	145.11	29.29
		For Oak Or Maple, Add	26.83	
		For Birch, Add	30.29	
		For Mahogany, Add	73.57	
		For Walnut Frame, Add	38.95	
06 48 16 00-0003	EA	2'-6" x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	146.12	29.40
		For Oak Or Maple, Add	27.06	
		For Birch, Add	30.55	
		For Mahogany, Add	74.19	
		For Walnut Frame, Add	39.28	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 48 16 00-0004	EA	2'-8" x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	147.93	29.95	
		For Oak Or Maple, Add	27.26		
		For Birch, Add	30.78		
		For Mahogany, Add	74.75		
		For Walnut Frame, Add	39.57		
06 48 16 00-0005	EA	3' x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	150.30	30.72	
		For Oak Or Maple, Add	27.53		
		For Birch, Add	31.08		
		For Mahogany, Add	75.49		
		For Walnut Frame, Add	39.96		
06 48 16 00-0006	EA	3'-4" x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	153.76	31.48	
		For Oak Or Maple, Add	28.11		
		For Birch, Add	31.74		
		For Mahogany, Add	77.09		
		For Walnut Frame, Add	40.81		
06 48 16 00-0007	EA	4' x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	162.43	33.45	
		For Oak Or Maple, Add	29.60		
		For Birch, Add	33.42		
		For Mahogany, Add	81.16		
		For Walnut Frame, Add	42.97		
06 48 16 00-0008	EA	5' x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	172.71	36.19	
		For Oak Or Maple, Add	31.09		
		For Birch, Add	35.10		
		For Mahogany, Add	85.25		
		For Walnut Frame, Add	45.13		
06 48 16 00-0009	EA	6' x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	181.94	38.47	
		For Oak Or Maple, Add	32.58		
		For Birch, Add	36.78		
		For Mahogany, Add	89.33		
		For Walnut Frame, Add	47.29		
06 48 16 00-0010	LF	4-9/16", Pine Interior Door Frame	6.84	2.62	
		For Oak Or Maple, Add	0.49		
		For Birch, Add	0.56		
		For Mahogany, Add	1.35		
		For Walnut Frame, Add	0.72		

06 49 Wood Screens and Exterior Wood Shutters (06 40)

06 49 19 Exterior Wood Shutters (06 49)

See CSI section 10 71 13 13-0000 for exterior shutters.

06 50 Structural Plastics (06)

06 51 Structural Plastic Shapes and Plates (06 50)

06 51 13 Plastic Lumber (06 51)

06 51 13 00-0001 Beams And Girders, Recycled Plastic Lumber (06 51 13)

06 51 13 00-0002	LF	2" x 6", Beam Or Girder, Recycled Plastic Lumber	11.36	1.76
		For Reinforced Structural Plastic Lumber, Add	3.27	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	0.80	
		For White Color, Add	3.76	
		For All Other Colors (Except Black, Brown Or White), Add	3.19	
06 51 13 00-0003	LF	2" x 8", Beam Or Girder, Recycled Plastic Lumber	14.50	1.91
		For Reinforced Structural Plastic Lumber, Add	4.35	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	1.06	
		For White Color, Add	5.00	
		For All Other Colors (Except Black, Brown Or White), Add	4.24	
06 51 13 00-0004	LF	2" x 10", Beam Or Girder, Recycled Plastic Lumber	17.36	2.06
		For Reinforced Structural Plastic Lumber, Add	5.33	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	1.30	
		For White Color, Add	6.12	
		For All Other Colors (Except Black, Brown Or White), Add	5.19	
06 51 13 00-0005	LF	3" x 10", Beam Or Girder, Recycled Plastic Lumber	25.35	2.45
		For Reinforced Structural Plastic Lumber, Add	8.08	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	1.97	
		For White Color, Add	9.29	
		For All Other Colors (Except Black, Brown Or White), Add	7.87	
06 51 13 00-0006	LF	3" x 12", Beam Or Girder, Recycled Plastic Lumber	30.34	2.76
		For Reinforced Structural Plastic Lumber, Add	9.77	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	2.38	
		For White Color, Add	11.22	
		For All Other Colors (Except Black, Brown Or White), Add	9.50	
06 51 13 00-0007	LF	4" x 4", Beam Or Girder, Recycled Plastic Lumber	16.38	2.37
		For Reinforced Structural Plastic Lumber, Add	4.81	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	1.17	
		For White Color, Add	5.52	
		For All Other Colors (Except Black, Brown Or White), Add	4.68	

06 Wood, Plastics, and Composites**06 50 Structural Plastics****06 51 Structural Plastic Shapes and Plates**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 51 13 00-0008	LF		4" x 6", Beam Or Girder, Recycled Plastic Lumber	22.07	2.52
			For Reinforced Structural Plastic Lumber, Add	6.83	
			Note: High density polyethylene combined with fiberglass.		
			For Brown Color, Add	1.66	
			For White Color, Add	7.85	
			For All Other Colors (Except Black, Brown Or White), Add	6.65	
06 51 13 00-0009	LF		5" x 5", Beam Or Girder, Recycled Plastic Lumber	22.97	2.60
			For Reinforced Structural Plastic Lumber, Add	7.12	
			Note: High density polyethylene combined with fiberglass.		
			For Brown Color, Add	1.73	
			For White Color, Add	8.18	
			For All Other Colors (Except Black, Brown Or White), Add	6.93	
06 51 13 00-0010	LF		6" x 6", Beam Or Girder, Recycled Plastic Lumber	31.68	2.83
			For Reinforced Structural Plastic Lumber, Add	10.22	
			Note: High density polyethylene combined with fiberglass.		
			For Brown Color, Add	2.49	
			For White Color, Add	11.74	
			For All Other Colors (Except Black, Brown Or White), Add	9.95	
06 51 13 00-0011	LF		6" x 8", Beam Or Girder, Recycled Plastic Lumber	43.20	2.99
			For Reinforced Structural Plastic Lumber, Add	14.40	
			Note: High density polyethylene combined with fiberglass.		
			For Brown Color, Add	3.50	
			For White Color, Add	16.55	
			For All Other Colors (Except Black, Brown Or White), Add	14.01	
06 51 13 00-0012			Joists, Recycled Plastic Lumber (06 51 13)		
06 51 13 00-0013	LF		2" x 4", Joist, Recycled Plastic Lumber	7.39	0.99
			For Reinforced Structural Plastic Lumber, Add	2.21	
			Note: High density polyethylene combined with fiberglass.		
			For Brown Color, Add	0.54	
			For White Color, Add	2.54	
			For All Other Colors (Except Black, Brown Or White), Add	2.15	
06 51 13 00-0014	LF		2" x 6", Joist, Recycled Plastic Lumber	10.27	1.04
			For Reinforced Structural Plastic Lumber, Add	3.27	
			Note: High density polyethylene combined with fiberglass.		
			For Brown Color, Add	0.80	
			For White Color, Add	3.76	
			For All Other Colors (Except Black, Brown Or White), Add	3.19	
06 51 13 00-0015	LF		2" x 8", Joist, Recycled Plastic Lumber	13.41	1.15
			For Reinforced Structural Plastic Lumber, Add	4.35	
			Note: High density polyethylene combined with fiberglass.		
			For Brown Color, Add	1.06	
			For White Color, Add	5.00	
			For All Other Colors (Except Black, Brown Or White), Add	4.24	
06 51 13 00-0016	LF		2" x 10", Joist, Recycled Plastic Lumber	16.37	1.37
			For Reinforced Structural Plastic Lumber, Add	5.33	
			Note: High density polyethylene combined with fiberglass.		
			For Brown Color, Add	1.30	
			For White Color, Add	6.12	
			For All Other Colors (Except Black, Brown Or White), Add	5.19	
06 51 13 00-0017	LF		3" x 10", Joist, Recycled Plastic Lumber	24.15	1.61
			For Reinforced Structural Plastic Lumber, Add	8.08	
			Note: High density polyethylene combined with fiberglass.		
			For Brown Color, Add	1.97	
			For White Color, Add	9.29	
			For All Other Colors (Except Black, Brown Or White), Add	7.87	
06 51 13 00-0018	LF		3" x 12", Joist, Recycled Plastic Lumber	29.36	2.06
			For Reinforced Structural Plastic Lumber, Add	9.77	
			Note: High density polyethylene combined with fiberglass.		
			For Brown Color, Add	2.38	
			For White Color, Add	11.22	
			For All Other Colors (Except Black, Brown Or White), Add	9.50	
06 51 13 00-0019	LF		4" x 4", Joist, Recycled Plastic Lumber	15.06	1.45
			For Reinforced Structural Plastic Lumber, Add	4.81	
			Note: High density polyethylene combined with fiberglass.		
			For Brown Color, Add	1.17	
			For White Color, Add	5.52	
			For All Other Colors (Except Black, Brown Or White), Add	4.68	
06 51 13 00-0020	LF		4" x 6", Joist, Recycled Plastic Lumber	20.65	1.54
			For Reinforced Structural Plastic Lumber, Add	6.83	
			Note: High density polyethylene combined with fiberglass.		
			For Brown Color, Add	1.66	
			For White Color, Add	7.85	
			For All Other Colors (Except Black, Brown Or White), Add	6.65	
06 51 13 00-0021	LF		5" x 5", Joist, Recycled Plastic Lumber	21.65	1.69
			For Reinforced Structural Plastic Lumber, Add	7.12	
			Note: High density polyethylene combined with fiberglass.		
			For Brown Color, Add	1.73	
			For White Color, Add	8.18	
			For All Other Colors (Except Black, Brown Or White), Add	6.93	



Wood, Plastics, and Composites			06	06
Structural Plastics			06 50	
Structural Plastic Shapes and Plates			06 51	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 51 13 00-0022	LF		6" x 6", Joist, Recycled Plastic Lumber.....	30.35	1.91
			For Reinforced Structural Plastic Lumber, Add	10.22	
			Note: High density polyethylene combined with fiberglass.		
			For Brown Color, Add	2.49	
			For White Color, Add	11.74	
			For All Other Colors (Except Black, Brown Or White), Add	9.95	
06 51 13 00-0023	LF		6" x 8", Joist, Recycled Plastic Lumber.....	41.89	2.06
			For Reinforced Structural Plastic Lumber, Add	14.40	
			Note: High density polyethylene combined with fiberglass.		
			For Brown Color, Add	3.50	
			For White Color, Add	16.55	
			For All Other Colors (Except Black, Brown Or White), Add	14.01	
06 51 13 00-0024			Columns, Recycled Plastic Lumber (06 51 13)		
06 51 13 00-0025	LF		4" x 4", Column, Recycled Plastic Lumber.....	17.47	3.14
			For Reinforced Structural Plastic Lumber, Add	4.81	
			Note: High density polyethylene combined with fiberglass.		
			For Brown Color, Add	1.17	
			For White Color, Add	5.52	
			For All Other Colors (Except Black, Brown Or White), Add	4.68	
06 51 13 00-0026	LF		4" x 6", Column, Recycled Plastic Lumber.....	24.80	4.43
			For Reinforced Structural Plastic Lumber, Add	6.83	
			Note: High density polyethylene combined with fiberglass.		
			For Brown Color, Add	1.66	
			For White Color, Add	7.85	
			For All Other Colors (Except Black, Brown Or White), Add	6.65	
06 51 13 00-0027	LF		5" x 5", Column, Recycled Plastic Lumber.....	26.36	4.97
			For Reinforced Structural Plastic Lumber, Add	7.12	
			Note: High density polyethylene combined with fiberglass.		
			For Brown Color, Add	1.73	
			For White Color, Add	8.18	
			For All Other Colors (Except Black, Brown Or White), Add	6.93	
06 51 13 00-0028	LF		6" x 6", Column, Recycled Plastic Lumber.....	35.71	5.66
			For Reinforced Structural Plastic Lumber, Add	10.22	
			Note: High density polyethylene combined with fiberglass.		
			For Brown Color, Add	2.49	
			For White Color, Add	11.74	
			For All Other Colors (Except Black, Brown Or White), Add	9.95	
06 51 13 00-0029	LF		6" x 8", Column, Recycled Plastic Lumber.....	48.87	6.96
			For Reinforced Structural Plastic Lumber, Add	14.40	
			Note: High density polyethylene combined with fiberglass.		
			For Brown Color, Add	3.50	
			For White Color, Add	16.55	
			For All Other Colors (Except Black, Brown Or White), Add	14.01	
06 51 13 00-0030			Walls, Recycled Plastic Lumber (06 51 13)		
06 51 13 00-0031	LF		2" x 3", Walls, Recycled Plastic Lumber.....	6.64	0.99
			For Reinforced Structural Plastic Lumber, Add	1.93	
			Note: High density polyethylene combined with fiberglass.		
			For Brown Color, Add	0.47	
			For White Color, Add	2.22	
			For All Other Colors (Except Black, Brown Or White), Add	1.88	
06 51 13 00-0032	LF		2" x 4", Walls, Recycled Plastic Lumber.....	7.62	1.15
			For Reinforced Structural Plastic Lumber, Add	2.21	
			Note: High density polyethylene combined with fiberglass.		
			For Brown Color, Add	0.54	
			For White Color, Add	2.54	
			For All Other Colors (Except Black, Brown Or White), Add	2.15	
06 51 13 00-0033	LF		2" x 6", Walls, Recycled Plastic Lumber.....	10.60	1.22
			For Reinforced Structural Plastic Lumber, Add	3.27	
			Note: High density polyethylene combined with fiberglass.		
			For Brown Color, Add	0.80	
			For White Color, Add	3.76	
			For All Other Colors (Except Black, Brown Or White), Add	3.19	
06 51 13 00-0034	LF		2" x 8", Walls, Recycled Plastic Lumber.....	13.62	1.30
			For Reinforced Structural Plastic Lumber, Add	4.35	
			Note: High density polyethylene combined with fiberglass.		
			For Brown Color, Add	1.06	
			For White Color, Add	5.00	
			For All Other Colors (Except Black, Brown Or White), Add	4.24	
06 51 13 00-0035			Other Shapes, Recycled Plastic Lumber (06 51 13)		
06 51 13 00-0036	LF		5/4" x 4", Other Shapes, Recycled Plastic Lumber.....	6.47	0.87
			For Reinforced Structural Plastic Lumber, Add	1.90	
			Note: High density polyethylene combined with fiberglass.		
			For Brown Color, Add	0.46	
			For White Color, Add	2.18	
			For All Other Colors (Except Black, Brown Or White), Add	1.85	

06 Wood, Plastics, and Composites**06 50 Structural Plastics****06 51 Structural Plastic Shapes and Plates**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 51 13 00-0037	LF	5/4" x 6", Other Shapes, Recycled Plastic Lumber	8.24	0.99
		For Reinforced Structural Plastic Lumber, Add	2.52	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	0.61	
		For White Color, Add	2.90	
		For All Other Colors (Except Black, Brown Or White), Add	2.46	
06 51 13 00-0038	LF	5/4" x 8", Recycled Plastic Lumber	10.78	0.99
		For Reinforced Structural Plastic Lumber, Add	3.46	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	0.84	
		For White Color, Add	3.98	
		For All Other Colors (Except Black, Brown Or White), Add	3.37	
06 51 13 00-0039	LF	1" x 4", Other Shapes, Recycled Plastic Lumber	6.51	0.87
		For Reinforced Structural Plastic Lumber, Add	1.92	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	0.47	
		For White Color, Add	2.20	
		For All Other Colors (Except Black, Brown Or White), Add	1.86	
06 51 13 00-0040	LF	1" x 6", Other Shapes, Recycled Plastic Lumber	7.20	0.99
		For Reinforced Structural Plastic Lumber, Add	2.14	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	0.52	
		For White Color, Add	2.46	
		For All Other Colors (Except Black, Brown Or White), Add	2.08	
06 51 13 00-0041	LF	1" x 6", Tongue And Grooved, Other Shapes, Recycled Plastic Lumber	7.33	0.99
		For Reinforced Structural Plastic Lumber, Add	2.19	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	0.53	
		For White Color, Add	2.51	
		For All Other Colors (Except Black, Brown Or White), Add	2.13	
06 51 13 00-0042	LF	2" x 2", Other Shapes, Recycled Plastic Lumber	4.51	0.84
		For Reinforced Structural Plastic Lumber, Add	1.22	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	0.30	
		For White Color, Add	1.40	
		For All Other Colors (Except Black, Brown Or White), Add	1.19	
06 51 13 00-0043	LF	2" x 3", Other Shapes, Recycled Plastic Lumber	6.64	0.99
		For Reinforced Structural Plastic Lumber, Add	1.93	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	0.47	
		For White Color, Add	2.22	
		For All Other Colors (Except Black, Brown Or White), Add	1.88	
06 51 13 00-0044	LF	2" x 4", Other Shapes, Recycled Plastic Lumber	7.62	1.15
		For Reinforced Structural Plastic Lumber, Add	2.21	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	0.54	
		For White Color, Add	2.54	
		For All Other Colors (Except Black, Brown Or White), Add	2.15	
06 51 13 00-0045	LF	2" x 6", Other Shapes, Recycled Plastic Lumber	10.60	1.22
		For Reinforced Structural Plastic Lumber, Add	3.27	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	0.80	
		For White Color, Add	3.76	
		For All Other Colors (Except Black, Brown Or White), Add	3.19	
06 51 13 00-0046	LF	2" x 8", Other Shapes, Recycled Plastic Lumber	13.62	1.30
		For Reinforced Structural Plastic Lumber, Add	4.35	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	1.06	
		For White Color, Add	5.00	
		For All Other Colors (Except Black, Brown Or White), Add	4.24	
06 51 13 00-0047	LF	2" x 10", Other Shapes, Recycled Plastic Lumber	16.37	1.37
		For Reinforced Structural Plastic Lumber, Add	5.33	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	1.30	
		For White Color, Add	6.12	
		For All Other Colors (Except Black, Brown Or White), Add	5.19	
06 51 13 00-0048	LF	2" x 12", Other Shapes, Recycled Plastic Lumber	19.78	1.45
		For Reinforced Structural Plastic Lumber, Add	6.56	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	1.59	
		For White Color, Add	7.53	
		For All Other Colors (Except Black, Brown Or White), Add	6.38	
06 51 13 00-0049	LF	3" x 4", Other Shapes, Recycled Plastic Lumber	10.90	1.34
		For Reinforced Structural Plastic Lumber, Add	3.32	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	0.81	
		For White Color, Add	3.82	
		For All Other Colors (Except Black, Brown Or White), Add	3.23	
06 51 13 00-0050	LF	3" x 6", Other Shapes, Recycled Plastic Lumber	15.98	1.43
		For Reinforced Structural Plastic Lumber, Add	5.16	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	1.25	
		For White Color, Add	5.92	
		For All Other Colors (Except Black, Brown Or White), Add	5.02	



Wood, Plastics, and Composites			06	06
Structural Plastics			06 50	
Structural Plastic Shapes and Plates			06 51	

MINOR		DESCRIPTION	TOTAL DIRECT	DEMOLITION
CSI	UOM		UNIT COST	UNIT COST
06 51 13 00-0051	LF	3" x 8", Other Shapes, Recycled Plastic Lumber	20.81	1.54
		For Reinforced Structural Plastic Lumber, Add	6.90	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	1.68	
		For White Color, Add	7.92	
		For All Other Colors (Except Black, Brown Or White), Add	6.71	
06 51 13 00-0052	LF	3" x 10", Other Shapes, Recycled Plastic Lumber	24.15	1.61
		For Reinforced Structural Plastic Lumber, Add	8.08	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	1.97	
		For White Color, Add	9.29	
		For All Other Colors (Except Black, Brown Or White), Add	7.87	
06 51 13 00-0053	LF	3" x 12", Other Shapes, Recycled Plastic Lumber	29.36	2.06
		For Reinforced Structural Plastic Lumber, Add	9.77	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	2.38	
		For White Color, Add	11.22	
		For All Other Colors (Except Black, Brown Or White), Add	9.50	
06 51 13 00-0054	LF	4" x 4", Other Shapes, Recycled Plastic Lumber	15.06	1.45
		For Reinforced Structural Plastic Lumber, Add	4.81	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	1.17	
		For White Color, Add	5.52	
		For All Other Colors (Except Black, Brown Or White), Add	4.68	
06 51 13 00-0055	LF	4" x 6", Other Shapes, Recycled Plastic Lumber	20.65	1.54
		For Reinforced Structural Plastic Lumber, Add	6.83	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	1.66	
		For White Color, Add	7.85	
		For All Other Colors (Except Black, Brown Or White), Add	6.65	
06 51 13 00-0056	LF	4" x 8", Other Shapes, Recycled Plastic Lumber	27.76	1.66
		For Reinforced Structural Plastic Lumber, Add	9.39	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	2.29	
		For White Color, Add	10.79	
		For All Other Colors (Except Black, Brown Or White), Add	9.14	
06 51 13 00-0057	LF	5" x 5", Other Shapes, Recycled Plastic Lumber	21.65	1.69
		For Reinforced Structural Plastic Lumber, Add	7.12	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	1.73	
		For White Color, Add	8.18	
		For All Other Colors (Except Black, Brown Or White), Add	6.93	
06 51 13 00-0058	LF	6" x 6", Other Shapes, Recycled Plastic Lumber	30.35	1.91
		For Reinforced Structural Plastic Lumber, Add	10.22	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	2.49	
		For White Color, Add	11.74	
		For All Other Colors (Except Black, Brown Or White), Add	9.95	
06 51 13 00-0059	LF	6" x 8", Other Shapes, Recycled Plastic Lumber	41.89	2.06
		For Reinforced Structural Plastic Lumber, Add	14.40	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	3.50	
		For White Color, Add	16.55	
		For All Other Colors (Except Black, Brown Or White), Add	14.01	
06 51 13 00-0060	LF	6" x 12", Other Shapes, Recycled Plastic Lumber	59.14	2.30
		For Reinforced Structural Plastic Lumber, Add	20.67	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	5.03	
		For White Color, Add	23.74	
		For All Other Colors (Except Black, Brown Or White), Add	20.11	
06 51 13 00-0061	LF	8" x 8", Other Shapes, Recycled Plastic Lumber	52.58	2.21
		For Reinforced Structural Plastic Lumber, Add	18.29	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	4.45	
		For White Color, Add	21.01	
		For All Other Colors (Except Black, Brown Or White), Add	17.79	
06 51 13 00-0062	LF	8" x 10", Other Shapes, Recycled Plastic Lumber	89.83	2.30
		For Reinforced Structural Plastic Lumber, Add	32.02	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	7.79	
		For White Color, Add	36.78	
		For All Other Colors (Except Black, Brown Or White), Add	31.16	
06 51 13 00-0063	LF	10" x 10", Other Shapes, Recycled Plastic Lumber	124.62	2.41
		For Reinforced Structural Plastic Lumber, Add	44.84	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	10.91	
		For White Color, Add	51.51	
		For All Other Colors (Except Black, Brown Or White), Add	43.63	
06 51 13 00-0064	LF	2" Diameter, Other Shapes, Recycled Plastic Lumber	4.83	0.76
		For Reinforced Structural Plastic Lumber, Add	1.38	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	0.34	
		For White Color, Add	1.59	
		For All Other Colors (Except Black, Brown Or White), Add	1.34	

06 Wood, Plastics, and Composites**06 50 Structural Plastics****06 51 Structural Plastic Shapes and Plates**MINOR
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

06 51 13 00-0065	LF	3-1/2" Diameter, Other Shapes, Recycled Plastic Lumber	13.85	0.99
		For Reinforced Structural Plastic Lumber, Add	4.60	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	1.12	
		For White Color, Add	5.28	
		For All Other Colors (Except Black, Brown Or White), Add	4.47	
06 51 13 00-0066	LF	4" Diameter, Other Shapes, Recycled Plastic Lumber	15.27	1.15
		For Reinforced Structural Plastic Lumber, Add	5.04	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	1.23	
		For White Color, Add	5.79	
		For All Other Colors (Except Black, Brown Or White), Add	4.91	
06 51 13 00-0067	LF	5" Diameter, Other Shapes, Recycled Plastic Lumber	18.91	1.37
		For Reinforced Structural Plastic Lumber, Add	6.27	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	1.53	
		For White Color, Add	7.20	
		For All Other Colors (Except Black, Brown Or White), Add	6.10	
06 51 13 00-0068	LF	6" Diameter, Other Shapes, Recycled Plastic Lumber	41.85	1.61
		For Reinforced Structural Plastic Lumber, Add	14.63	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	3.56	
		For White Color, Add	16.81	
		For All Other Colors (Except Black, Brown Or White), Add	14.24	
06 51 13 00-0069	SF	1/8" Thick, Other Shapes, Recycled Plastic Sheeting	3.90	0.84
06 51 13 00-0070	SF	1/4" Thick, Other Shapes, Recycled Plastic Sheeting	5.71	0.87
06 51 13 00-0071	SF	3/8" Thick, Other Shapes, Recycled Plastic Sheeting	8.24	0.93
06 51 13 00-0072	SF	1/2" Thick, Other Shapes, Recycled Plastic Sheeting	10.50	0.97

06 51 23 Plastic Channel and Shapes (06 51)**06 51 23 00-0001 Channel (06 51 23)**

06 51 23 00-0002	LF	1-5/8" x 1-5/8" Plastic Polyester Channel (B-Line BFP22)	18.84	2.43
06 51 23 00-0003	LF	1-5/8" x 1-5/8" Plastic Polyester Channel (B-Line BFP22H1-7/8)	34.26	2.43
06 51 23 00-0004	LF	1-5/8" x 1-5/8" Plastic Polyester Channel (B-Line BFP22SH)	34.26	2.43
06 51 23 00-0005	LF	1-5/8" x 1-5/8" Plastic Polyester Channel (B-Line BFP22A)	44.54	2.43
06 51 23 00-0006	LF	1-5/8" x 1-5/8" Vinyl Ester Resin Channel (B-Line BFV22)	23.36	2.43
06 51 23 00-0007	LF	1-5/8" x 1-5/8" Vinyl Ester Resin Channel (B-Line BFV22H1-7/8)	38.99	2.43
06 51 23 00-0008	LF	1-5/8" x 1-5/8" Vinyl Ester Resin Channel (B-Line BFV22SH)	38.99	2.43
06 51 23 00-0009	LF	1-5/8" x 1-5/8" Vinyl Ester Resin Channel (B-Line BFV22A)	48.86	2.43
06 51 23 00-0010	LF	1-5/8" x 1" Plastic Polyester Channel (B-Line BFP42)	19.05	2.43
06 51 23 00-0011	LF	1-5/8" x 1" Plastic Polyester Channel (B-Line BFP42H1-7/8)	29.94	2.43
06 51 23 00-0012	LF	1-5/8" x 1" Plastic Polyester Channel (B-Line BFP42SH)	29.94	2.43
06 51 23 00-0013	LF	1-5/8" x 1" Plastic Polyester Channel (B-Line BFP42A)	40.22	2.43
06 51 23 00-0014	LF	1-5/8" x 1" Vinyl Ester Resin Channel (B-Line BFV42)	22.95	2.43
06 51 23 00-0015	LF	1-5/8" x 1" Vinyl Ester Resin Channel (B-Line BFV42H1-7/8)	34.26	2.43
06 51 23 00-0016	LF	1-5/8" x 1" Vinyl Ester Resin Channel (B-Line BFV42SH)	34.26	2.43
06 51 23 00-0017	LF	1-5/8" x 1" Vinyl Ester Resin Channel (B-Line BFV42A)	42.07	2.43

06 51 33 Carbon Fiber Plates (06 51)**06 51 33 00-0001 Carbon Fiber Plates (06 51 33)**

Note: Outer Material: 2x2 Twill Carbon Fiber Prepreg, Inner Material: 0/90 (Balanced) Unidirectional Carbon Fiber Prepreg, Exterior Finish: Matte/Matte

06 51 33 00-0002	EA	6" x 6", 0.039" Thickness, Carbon Fiber Plates	19.00	
06 51 33 00-0003	EA	6" x 12", 0.039" Thickness, Carbon Fiber Plates	29.99	
06 51 33 00-0004	EA	6" x 24", 0.039" Thickness, Carbon Fiber Plates	51.85	
06 51 33 00-0005	EA	12" x 12", 0.039" Thickness, Carbon Fiber Plates	51.85	
06 51 33 00-0006	EA	12" x 24", 0.039" Thickness, Carbon Fiber Plates	92.54	
06 51 33 00-0007	EA	12" x 48", 0.039" Thickness, Carbon Fiber Plates	171.79	
06 51 33 00-0008	EA	24" x 24", 0.039" Thickness, Carbon Fiber Plates	172.34	
06 51 33 00-0009	EA	24" x 48", 0.039" Thickness, Carbon Fiber Plates	328.42	
06 51 33 00-0010	EA	38" x 48", 0.039" Thickness, Carbon Fiber Plates	493.08	
06 51 33 00-0011	EA	38" x 96", 0.039" Thickness, Carbon Fiber Plates	982.54	
06 51 33 00-0012	EA	6" x 6", 1/16" Thickness, Carbon Fiber Plates	23.83	
06 51 33 00-0013	EA	6" x 12", 1/16" Thickness, Carbon Fiber Plates	42.08	
06 51 33 00-0014	EA	6" x 24", 1/16" Thickness, Carbon Fiber Plates	72.40	
06 51 33 00-0015	EA	12" x 12", 1/16" Thickness, Carbon Fiber Plates	72.40	
06 51 33 00-0016	EA	12" x 24", 1/16" Thickness, Carbon Fiber Plates	128.79	
06 51 33 00-0017	EA	12" x 48", 1/16" Thickness, Carbon Fiber Plates	243.08	
06 51 33 00-0018	EA	24" x 24", 1/16" Thickness, Carbon Fiber Plates	243.63	
06 51 33 00-0019	EA	24" x 48", 1/16" Thickness, Carbon Fiber Plates	461.34	
06 51 33 00-0020	EA	38" x 48", 1/16" Thickness, Carbon Fiber Plates	698.51	
06 51 33 00-0021	EA	38" x 96", 1/16" Thickness, Carbon Fiber Plates	1,393.39	
06 51 33 00-0022	EA	6" x 6", 0.079" Thickness, Carbon Fiber Plates	28.66	
06 51 33 00-0023	EA	6" x 12", 0.079" Thickness, Carbon Fiber Plates	46.91	
06 51 33 00-0024	EA	6" x 24", 0.079" Thickness, Carbon Fiber Plates	83.27	
06 51 33 00-0025	EA	12" x 12", 0.079" Thickness, Carbon Fiber Plates	83.27	
06 51 33 00-0026	EA	12" x 24", 0.079" Thickness, Carbon Fiber Plates	166.25	
06 51 33 00-0027	EA	12" x 48", 0.079" Thickness, Carbon Fiber Plates	318.00	
06 51 33 00-0028	EA	24" x 24", 0.079" Thickness, Carbon Fiber Plates	318.55	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 51 33 00-0029 EA 24" x 48", 0.079" Thickness, Carbon Fiber Plates	527.80	
06 51 33 00-0030 EA 38" x 48", 0.079" Thickness, Carbon Fiber Plates	802.43	
06 51 33 00-0031 EA 38" x 96", 0.079" Thickness, Carbon Fiber Plates	1,590.36	
06 51 33 00-0032 EA 6" x 6", 3/32" Thickness, Carbon Fiber Plates	32.29	
06 51 33 00-0033 EA 6" x 12", 3/32" Thickness, Carbon Fiber Plates	55.37	
06 51 33 00-0034 EA 6" x 24", 3/32" Thickness, Carbon Fiber Plates	91.73	
06 51 33 00-0035 EA 12" x 12", 3/32" Thickness, Carbon Fiber Plates	91.73	
06 51 33 00-0036 EA 12" x 24", 3/32" Thickness, Carbon Fiber Plates	168.67	
06 51 33 00-0037 EA 12" x 48", 3/32" Thickness, Carbon Fiber Plates	316.80	
06 51 33 00-0038 EA 24" x 24", 3/32" Thickness, Carbon Fiber Plates	317.35	
06 51 33 00-0039 EA 24" x 48", 3/32" Thickness, Carbon Fiber Plates	606.35	
06 51 33 00-0040 EA 38" x 48", 3/32" Thickness, Carbon Fiber Plates	917.23	
06 51 33 00-0041 EA 38" x 96", 3/32" Thickness, Carbon Fiber Plates	1,828.42	
06 51 33 00-0042 EA 6" x 6", 0.119" Thickness, Carbon Fiber Plates	37.12	
06 51 33 00-0043 EA 6" x 12", 0.119" Thickness, Carbon Fiber Plates	67.45	
06 51 33 00-0044 EA 6" x 24", 0.119" Thickness, Carbon Fiber Plates	108.65	
06 51 33 00-0045 EA 12" x 12", 0.119" Thickness, Carbon Fiber Plates	108.65	
06 51 33 00-0046 EA 12" x 24", 0.119" Thickness, Carbon Fiber Plates	195.25	
06 51 33 00-0047 EA 12" x 48", 0.119" Thickness, Carbon Fiber Plates	372.38	
06 51 33 00-0048 EA 24" x 24", 0.119" Thickness, Carbon Fiber Plates	372.93	
06 51 33 00-0049 EA 24" x 48", 0.119" Thickness, Carbon Fiber Plates	707.85	
06 51 33 00-0050 EA 38" x 48", 0.119" Thickness, Carbon Fiber Plates	1,073.11	
06 51 33 00-0051 EA 38" x 96", 0.119" Thickness, Carbon Fiber Plates	2,136.56	
06 51 33 00-0052 EA 6" x 6", 1/8" Thickness, Carbon Fiber Plates	35.91	
06 51 33 00-0053 EA 6" x 12", 1/8" Thickness, Carbon Fiber Plates	63.83	
06 51 33 00-0054 EA 6" x 24", 1/8" Thickness, Carbon Fiber Plates	108.65	
06 51 33 00-0055 EA 12" x 12", 1/8" Thickness, Carbon Fiber Plates	108.65	
06 51 33 00-0056 EA 12" x 24", 1/8" Thickness, Carbon Fiber Plates	181.96	
06 51 33 00-0057 EA 12" x 48", 1/8" Thickness, Carbon Fiber Plates	353.05	
06 51 33 00-0058 EA 24" x 24", 1/8" Thickness, Carbon Fiber Plates	353.60	
06 51 33 00-0059 EA 24" x 48", 1/8" Thickness, Carbon Fiber Plates	671.60	
06 51 33 00-0060 EA 38" x 48", 1/8" Thickness, Carbon Fiber Plates	1,061.03	
06 51 33 00-0061 EA 38" x 96", 1/8" Thickness, Carbon Fiber Plates	2,074.93	
06 51 33 00-0062 EA 6" x 6", 0.157" Thickness, Carbon Fiber Plates	44.37	
06 51 33 00-0063 EA 6" x 12", 0.157" Thickness, Carbon Fiber Plates	87.99	
06 51 33 00-0064 EA 6" x 24", 0.157" Thickness, Carbon Fiber Plates	132.82	
06 51 33 00-0065 EA 12" x 12", 0.157" Thickness, Carbon Fiber Plates	132.82	
06 51 33 00-0066 EA 12" x 24", 0.157" Thickness, Carbon Fiber Plates	230.30	
06 51 33 00-0067 EA 12" x 48", 0.157" Thickness, Carbon Fiber Plates	438.84	
06 51 33 00-0068 EA 24" x 24", 0.157" Thickness, Carbon Fiber Plates	439.39	
06 51 33 00-0069 EA 24" x 48", 0.157" Thickness, Carbon Fiber Plates	840.78	
06 51 33 00-0070 EA 38" x 48", 0.157" Thickness, Carbon Fiber Plates	1,273.71	
06 51 33 00-0071 EA 38" x 96", 0.157" Thickness, Carbon Fiber Plates	2,541.37	
06 51 33 00-0072 EA 6" x 6", 3/16" Thickness, Carbon Fiber Plates	50.41	
06 51 33 00-0073 EA 6" x 12", 3/16" Thickness, Carbon Fiber Plates	90.41	
06 51 33 00-0074 EA 6" x 24", 3/16" Thickness, Carbon Fiber Plates	152.15	
06 51 33 00-0075 EA 12" x 12", 3/16" Thickness, Carbon Fiber Plates	152.15	
06 51 33 00-0076 EA 12" x 24", 3/16" Thickness, Carbon Fiber Plates	261.72	
06 51 33 00-0077 EA 12" x 48", 3/16" Thickness, Carbon Fiber Plates	505.31	
06 51 33 00-0078 EA 24" x 24", 3/16" Thickness, Carbon Fiber Plates	505.86	
06 51 33 00-0079 EA 24" x 48", 3/16" Thickness, Carbon Fiber Plates	961.62	
06 51 33 00-0080 EA 38" x 48", 3/16" Thickness, Carbon Fiber Plates	1,454.97	
06 51 33 00-0081 EA 38" x 96", 3/16" Thickness, Carbon Fiber Plates	2,891.81	
06 51 33 00-0082 EA 6" x 6", 0.197" Thickness, Carbon Fiber Plates	51.62	
06 51 33 00-0083 EA 6" x 12", 0.197" Thickness, Carbon Fiber Plates	96.45	
06 51 33 00-0084 EA 6" x 24", 0.197" Thickness, Carbon Fiber Plates	165.44	
06 51 33 00-0085 EA 12" x 12", 0.197" Thickness, Carbon Fiber Plates	144.90	
06 51 33 00-0086 EA 12" x 24", 0.197" Thickness, Carbon Fiber Plates	290.72	
06 51 33 00-0087 EA 12" x 48", 0.197" Thickness, Carbon Fiber Plates	510.14	
06 51 33 00-0088 EA 24" x 24", 0.197" Thickness, Carbon Fiber Plates	510.69	
06 51 33 00-0089 EA 24" x 48", 0.197" Thickness, Carbon Fiber Plates	968.87	
06 51 33 00-0090 EA 38" x 48", 0.197" Thickness, Carbon Fiber Plates	1,471.89	
06 51 33 00-0091 EA 38" x 96", 0.197" Thickness, Carbon Fiber Plates	2,922.02	
06 51 33 00-0092 EA 6" x 6", 1/4" Thickness, Carbon Fiber Plates	60.08	
06 51 33 00-0093 EA 6" x 12", 1/4" Thickness, Carbon Fiber Plates	108.54	
06 51 33 00-0094 EA 6" x 24", 1/4" Thickness, Carbon Fiber Plates	181.15	
06 51 33 00-0095 EA 12" x 12", 1/4" Thickness, Carbon Fiber Plates	181.15	
06 51 33 00-0096 EA 12" x 24", 1/4" Thickness, Carbon Fiber Plates	326.97	
06 51 33 00-0097 EA 12" x 48", 1/4" Thickness, Carbon Fiber Plates	624.94	
06 51 33 00-0098 EA 24" x 24", 1/4" Thickness, Carbon Fiber Plates	625.49	
06 51 33 00-0099 EA 24" x 48", 1/4" Thickness, Carbon Fiber Plates	1,191.21	
06 51 33 00-0100 EA 38" x 48", 1/4" Thickness, Carbon Fiber Plates	1,810.24	
06 51 33 00-0101 EA 38" x 96", 1/4" Thickness, Carbon Fiber Plates	3,597.52	

06 52 Plastic Structural Assemblies (06 50)

06 52 13 Plastic Columns (06 52)

06 52 13 00-0001 Round Fiberglass Columns (06 52 13)

06 52 13 00-0002 LF 6" Diameter, Round Fiberglass Column	19.32	6.94

06 Wood, Plastics, and Composites**06 50 Structural Plastics****06 52 Plastic Structural Assemblies**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 52 13 00-0003	LF		8" Diameter, Round Fiberglass Column.....	27.35	10.10
06 52 13 00-0004	LF		10" Diameter, Round Fiberglass Column.....	31.70	11.36
06 52 13 00-0005	LF		12" Diameter, Round Fiberglass Column.....	38.74	11.89
06 52 13 00-0006	LF		15" Diameter, Round Fiberglass Column.....	47.13	13.73
06 52 13 00-0007	EA		6" Diameter, Base And Cap For Round Fiberglass Columns	37.18	13.15
06 52 13 00-0008	EA		8" Diameter, Base And Cap For Round Fiberglass Columns	41.11	14.20
06 52 13 00-0009	EA		10" Diameter, Base And Cap For Round Fiberglass Columns	48.27	15.78
06 52 13 00-0010	EA		12" Diameter, Base And Cap For Round Fiberglass Columns	65.77	16.83
06 52 13 00-0011	EA		15" Diameter, Base And Cap For Round Fiberglass Columns	89.27	18.41
06 52 13 00-0012 Fluted Fiberglass Columns (06 52 13)					
06 52 13 00-0013	LF		6" Diameter, Fluted Fiberglass Column	20.39	6.94
06 52 13 00-0014	LF		8" Diameter, Fluted Fiberglass Column	28.77	10.10
06 52 13 00-0015	LF		10" Diameter, Fluted Fiberglass Column	33.49	11.36
06 52 13 00-0016	LF		12" Diameter, Fluted Fiberglass Column	41.76	11.89
06 52 13 00-0017	LF		15" Diameter, Fluted Fiberglass Column	51.06	13.78
06 52 13 00-0018	EA		6" Diameter, Base And Cap For Fluted Fiberglass Columns	39.36	13.15
06 52 13 00-0019	EA		8" Diameter, Base And Cap For Fluted Fiberglass Columns	43.66	14.20
06 52 13 00-0020	EA		10" Diameter, Base And Cap For Fluted Fiberglass Columns	51.61	15.78
06 52 13 00-0021	EA		12" Diameter, Base And Cap For Fluted Fiberglass Columns	72.20	16.83
06 52 13 00-0022	EA		15" Diameter, Base And Cap For Fluted Fiberglass Columns	98.56	18.41
06 52 13 00-0023 Ornamental Or Decorative Cap And Base For Fiberglass Columns (06 52 13)					
06 52 13 00-0024	EA		8" Roman Ionic Cap And Base For Fiberglass Columns	146.62	15.78
06 52 13 00-0025	EA		10" Roman Ionic Cap And Base For Fiberglass Columns	194.84	18.41
06 52 13 00-0026	EA		12" Roman Ionic Cap And Base For Fiberglass Columns	248.89	21.04
06 52 13 00-0027	EA		8" Scamozzi Cap And Base For Fiberglass Columns	173.56	15.78
06 52 13 00-0028	EA		10" Scamozzi Cap And Base For Fiberglass Columns	208.68	18.41
06 52 13 00-0029	EA		12" Scamozzi Cap And Base For Fiberglass Columns	302.78	21.04
06 52 13 00-0030	EA		8" Corinthian Cap And Base For Fiberglass Columns	217.25	15.78
06 52 13 00-0031	EA		10" Corinthian Cap And Base For Fiberglass Columns	263.29	18.41
06 52 13 00-0032	EA		12" Corinthian Cap And Base For Fiberglass Columns	347.93	21.04
06 52 13 00-0033	EA		8" Temple Of Winds Cap And Base For Fiberglass Columns	148.80	15.78
06 52 13 00-0034	EA		10" Temple Of Winds Cap And Base For Fiberglass Columns	199.21	18.41
06 52 13 00-0035	EA		12" Temple Of Winds Cap And Base For Fiberglass Columns	253.26	21.04
06 52 13 00-0036	EA		8" Greek Erechtheum Cap And Base For Fiberglass Columns	148.80	15.78
06 52 13 00-0037	EA		10" Greek Erechtheum Cap And Base For Fiberglass Columns	178.82	18.41
06 52 13 00-0038	EA		12" Greek Erechtheum Cap And Base For Fiberglass Columns	235.06	21.04
06 53 Plastic Decking (06 50)					
06 53 16 Plastic Stair Treads (06 53)					
06 53 16 00-0001 Fiberglass Reinforced Plastic Stair Treads (06 53 16)					
Note: Includes standard colors and anchors. Excludes stringers.					
06 53 16 00-0002	LF		1" Thick, 12" Wide, Fiberglass Reinforced Plastic Stair Tread With Safety Nosing, Excluding Stringer	44.37	2.71
06 53 16 00-0003	LF		1-1/2" Thick, 12" Wide, Fiberglass Reinforced Plastic Stair Tread With Safety Nosing, Excluding Stringer	60.17	3.25
06 53 16 00-0004	LF		2" Thick, 12" Wide, Fiberglass Reinforced Plastic Stair Tread With Safety Nosing, Excluding Stringer	87.99	3.58
06 60 Plastic Fabrications (06 50)					
06 65 Plastic Trim (06 60)					
06 65 00 00-0001 Plastic Moldings (06 65)					
Note: All dimensions are nominal.					
06 65 00 00-0002 Base, Plastic Moldings (06 65 00 00-0001)					
06 65 00 00-0003	LF		3-1/2" High, Base, Plastic Molding	6.11	2.16
06 65 00 00-0004	LF		4-1/2" High, Base, Plastic Molding	7.47	2.71
06 65 00 00-0005	LF		3/4" x 1", Base Shoe, Plastic Molding	5.73	2.28
06 65 00 00-0006 Cornice, Plastic Moldings (06 65 00 00-0001)					
06 65 00 00-0007	LF		1" x 2" Cornice, Plastic Molding	5.66	2.16
06 65 00 00-0008	LF		1" x 4" Cornice, Plastic Molding	6.91	2.28
06 65 00 00-0009	LF		1" x 6" Cornice, Plastic Molding	9.26	2.39
06 65 00 00-0010	LF		1" x 8" Cornice, Plastic Molding	10.59	2.50
06 65 00 00-0011	LF		1" x 10" Cornice, Plastic Molding	12.10	2.61
06 65 00 00-0012	LF		1" x 12" Cornice, Plastic Molding	15.31	2.71
06 65 00 00-0013 Crown Or Bed, Plastic Moldings (06 65 00 00-0001)					
06 65 00 00-0014	LF		9/16" x 1-5/8" Crown Or Bed, Plastic Molding	9.65	2.16
06 65 00 00-0015	LF		9/16" x 2-1/4" Crown Or Bed, Plastic Molding	12.86	2.71
06 65 00 00-0016	LF		9/16" x 3-1/2" Crown Or Bed, Plastic Molding	13.37	2.71
06 65 00 00-0017	LF		9/16" x 3-5/8" Crown Or Bed, Plastic Molding	13.88	2.71
06 65 00 00-0018	LF		5/8" x 4-1/4" Crown Or Bed, Plastic Molding	18.01	3.25



Wood, Plastics, and Composites		06
Plastic Fabrications		06 60
Plastic Trim		06 65

MINOR CSI UOM DESCRIPTION			TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 65 00 00-0019	LF	11/16" x 4-5/8" Crown Or Bed, Plastic Molding.....	21.17	3.25
06 65 00 00-0020		Dentil, Plastic Moldings (06 65 00 00-0001)		
06 65 00 00-0021	LF	11/16" x 1-3/8" Dentil, Plastic Molding	8.29	2.16
06 65 00 00-0022	LF	5/8" x 2-1/2" Dentil, Plastic Molding	9.26	2.16
06 65 00 00-0023	LF	1-3/8" x 3-3/8" Dentil, Plastic Molding	11.44	2.16
06 65 00 00-0024	LF	1-1/2" x 4-1/2" Dentil, Plastic Molding	15.20	2.16
06 65 00 00-0025		Cove, Plastic Moldings (06 65 00 00-0001)		
06 65 00 00-0026	LF	3/8" x 3/8" Cove, Plastic Molding	3.25	1.20
06 65 00 00-0027	LF	1/2" x 1/2" Cove, Plastic Molding	3.51	1.20
06 65 00 00-0028	LF	5/8" x 5/8" Cove, Plastic Molding	4.59	1.41
06 65 00 00-0029	LF	3/4" x 3/4" Cove, Plastic Molding	4.59	1.41
06 65 00 00-0030	LF	15/16" x 15/16" Cove, Plastic Molding	5.71	1.41
06 65 00 00-0031	LF	9/16" x 1-3/4" Cove, Plastic Molding	7.43	1.63
06 65 00 00-0032	LF	11/16" x 2-3/4" Cove, Plastic Molding	9.82	1.63
06 65 00 00-0033		Chair Rail, Plastic Moldings (06 65 00 00-0001)		
06 65 00 00-0034	LF	1/2" x 1-5/8" Chair Rail, Plastic Molding	5.37	1.63
06 65 00 00-0035	LF	5/8" x 2-1/2" Chair Rail, Plastic Molding	7.24	2.16
06 65 00 00-0036	LF	5/8" x 3-1/2" Chair Rail, Plastic Molding	8.71	2.16
06 65 00 00-0037		Door, Plastic Moldings (06 65 00 00-0001)		
06 65 00 00-0038	LF	1-1/8" Wide, Door, Plastic Molding	4.78	1.95
06 65 00 00-0039	LF	1-1/8" Wide, Detailed Door, Plastic Molding	4.81	1.95
06 65 00 00-0040		Trim, Plastic Moldings (06 65 00 00-0001)		
06 65 00 00-0041	LF	1/2" x 1/2" Quarter Round Trim, Plastic Molding.....	5.07	2.28
06 65 00 00-0042	LF	3/4" x 3/4" Quarter Round Trim, Plastic Molding.....	7.07	2.28
06 65 00 00-0043	LF	1-1/4" x 2" Brick Mould, Plastic Molding	6.52	2.16
06 65 00 00-0044	LF	1-17/32" x 1-1/2" x 1-3/8" Sill Nose, Plastic Molding.....	7.54	2.16
06 65 00 00-0045	LF	11/16" x 1-5/8" Drip Cap, Plastic Molding	5.53	2.16
06 65 00 00-0046	LF	2-3/4" x 2" Water Table, Plastic Molding.....	8.28	2.16
06 65 00 00-0047	LF	3/8" x 2" Garage Door Stop, Plastic Molding	6.09	2.16
06 65 00 00-0048		Extruded Polyvinyl Chloride (PVC) Trimboard (06 65)		
Note: As manufactured by Azek or Kleer. All dimensions are nominal.				
06 65 00 00-0049	LF	1" x 4" Extruded Polyvinyl Chloride (PVC) Trimboard.....	4.02	0.87
06 65 00 00-0050	LF	1" x 6" Extruded Polyvinyl Chloride (PVC) Trimboard.....	5.77	0.98
06 65 00 00-0051	LF	1" x 8" Extruded Polyvinyl Chloride (PVC) Trimboard.....	7.56	1.09
06 65 00 00-0052	LF	1" x 10" Extruded Polyvinyl Chloride (PVC) Trimboard.....	9.10	1.11
06 65 00 00-0053	LF	1" x 12" Extruded Polyvinyl Chloride (PVC) Trimboard.....	10.80	1.14
06 65 00 00-0054	LF	5/4" x 4" Extruded Polyvinyl Chloride (PVC) Trimboard.....	4.93	0.87
06 65 00 00-0055	LF	5/4" x 6" Extruded Polyvinyl Chloride (PVC) Trimboard.....	7.17	0.98
06 65 00 00-0056	LF	5/4" x 8" Extruded Polyvinyl Chloride (PVC) Trimboard.....	9.12	1.09
06 65 00 00-0057	LF	5/4" x 10" Extruded Polyvinyl Chloride (PVC) Trimboard.....	11.24	1.11
06 65 00 00-0058	LF	5/4" x 12" Extruded Polyvinyl Chloride (PVC) Trimboard.....	13.19	1.14
06 65 00 00-0059	LF	3-1/2" x 3-1/2" Extruded Polyvinyl Chloride (PVC) Corner Board	10.75	1.11
06 65 00 00-0060	LF	5-1/2" x 5-1/2" Extruded Polyvinyl Chloride (PVC) Corner Board	14.26	1.14
06 65 00 00-0061	SF	1/2" Smooth/Wood Grain Reversible Extruded Polyvinyl Chloride (PVC) Sheets.....	7.53	0.98
06 65 00 00-0062	SF	3/4" Smooth/Wood Grain Reversible Extruded Polyvinyl Chloride (PVC) Sheets.....	10.84	1.09
06 70		Structural Composites (06)		
06 74		Composite Gratings (06 70)		
06 74 13		Fiberglass Reinforced Gratings (06 74)		
06 74 13 00-0001		Molded Fiberglass Gratings And Coverings (06 74 13)		
06 74 13 00-0002		Vi-Corr Resin System (06 74 13 00-0001)		
Note: Orange or dark gray.				
06 74 13 00-0003	SF	1" Molded Fiberglass Grate, 1" x 4" Mesh, Vi-Corr Resin, Meniscus Top.....	46.48	1.95
06 74 13 00-0004	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, Vi-Corr Resin, Meniscus Top.....	45.13	1.95
06 74 13 00-0005	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, Vi-Corr Resin, Meniscus Top.....	59.04	1.95
06 74 13 00-0006	SF	2" Molded Fiberglass Grate, 2" x 2" Mesh, Vi-Corr Resin, Meniscus Top.....	63.86	2.49
06 74 13 00-0007	SF	1" Molded Fiberglass Grating, 1" x 4" Mesh, Vi-Corr Resin, Applied Grit Top	48.80	1.95
06 74 13 00-0008	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, Vi-Corr Resin, Applied Grit Top	47.40	1.95
06 74 13 00-0009	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, Vi-Corr Resin, Applied Grit Top	62.39	1.95
06 74 13 00-0010	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, Vi-Corr Resin, Applied Grit Top	67.02	2.49
06 74 13 00-0011	SF	1/4" Vi-Corr Resin Polyester Resin, Fiberplate Covering.....	44.10	1.56
06 74 13 00-0012	SF	1/2" Vi-Corr Resin Polyester Resin, Fiberplate Covering.....	71.65	1.71
06 74 13 00-0013	SF	3/4" Vi-Corr Resin Polyester Resin, Fiberplate Covering.....	98.29	1.88

06 Wood, Plastics, and Composites**06 70 Structural Composites****06 74 Composite Gratings**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

06 74 13 00-0014		IFR Fire Retardant Isophthalic Resin (06 74 13 00-0001)	
06 74 13 00-0015	SF	1" Molded Fiberglass Grate, 1" x 4" Mesh, IFR Fire Retardant Isophthalic Resin, Meniscus Top	42.71 1.95
06 74 13 00-0016	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, IFR Fire Retardant Isophthalic Resin, Meniscus Top	39.97 1.95
06 74 13 00-0017	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, IFR Fire Retardant Isophthalic Resin, Meniscus Top	51.57 1.95
06 74 13 00-0018	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, IFR Fire Retardant Isophthalic Resin, Meniscus Top	55.57 2.49
06 74 13 00-0019	SF	1" Molded Fiberglass Grating, 1" x 4" Mesh, IFR Fire Retardant Isophthalic Resin, Applied Grit Top	44.61 1.95
06 74 13 00-0020	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, IFR Fire Retardant Isophthalic Resin, Applied Grit Top	41.05 1.95
06 74 13 00-0021	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, IFR Fire Retardant Isophthalic Resin, Applied Grit Top	55.98 2.49
06 74 13 00-0022	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, IFR Fire Retardant Isophthalic Resin, Applied Grit Top	58.70 2.49
06 74 13 00-0023	SF	1/4" IFR Fire Retardant Isophthalic Resin Polyester Resin, Fiberplate Covering	38.83 1.56
06 74 13 00-0024	SF	1/2" IFR Fire Retardant Isophthalic Resin Polyester Resin, Fiberplate Covering	55.10 1.71
06 74 13 00-0025	SF	3/4" IFR Fire Retardant Isophthalic Resin Polyester Resin, Fiberplate Covering	75.80 1.88
06 74 13 00-0026		Corvex Polyester Resin (06 74 13 00-0001)	
Note: Dark gray.			
06 74 13 00-0027	SF	1" Molded Fiberglass Grate, 1" x 4" Mesh, Corvex Polyester Resin, Meniscus Top	36.17 1.95
06 74 13 00-0028	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, Corvex Polyester Resin, Meniscus Top	34.72 1.95
06 74 13 00-0029	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, Corvex Polyester Resin, Meniscus Top	42.19 1.95
06 74 13 00-0030	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, Corvex Polyester Resin, Meniscus Top	48.46 2.49
06 74 13 00-0031	SF	1" Molded Fiberglass Grating, 1" x 4" Mesh, Corvex Polyester Resin, Applied Grit Top	38.57 1.95
06 74 13 00-0032	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, Corvex Polyester Resin, Applied Grit Top	37.11 1.95
06 74 13 00-0033	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, Corvex Polyester Resin, Applied Grit Top	44.98 1.95
06 74 13 00-0034	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, Corvex Polyester Resin, Applied Grit Top	50.85 2.49
06 74 13 00-0035	SF	1/4" Corvex Polyester Resin, Fiberplate Covering	34.24 1.56
06 74 13 00-0036	SF	1/2" Corvex Polyester Resin, Fiberplate Covering	54.85 1.71
06 74 13 00-0037	SF	3/4" Corvex Polyester Resin, Fiberplate Covering	76.20 1.88
06 74 13 00-0038		XFR Extra Fire Retardant (06 74 13 00-0001)	
06 74 13 00-0039	SF	1" Molded Fiberglass Grate, 1" x 4" Mesh, XFR Extra Fire Retardant, Meniscus Top	53.44 1.95
06 74 13 00-0040	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, XFR Extra Fire Retardant, Meniscus Top	51.87 1.95
06 74 13 00-0041	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, XFR Extra Fire Retardant, Meniscus Top	71.18 1.95
06 74 13 00-0042	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, XFR Extra Fire Retardant, Meniscus Top	75.97 2.49
06 74 13 00-0043	SF	1" Molded Fiberglass Grating, 1" x 4" Mesh, XFR Extra Fire Retardant, Applied Grit Top	55.79 1.95
06 74 13 00-0044	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, XFR Extra Fire Retardant, Applied Grit Top	54.26 1.95
06 74 13 00-0045	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, XFR Extra Fire Retardant, Applied Grit Top	73.97 1.95
06 74 13 00-0046	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, XFR Extra Fire Retardant, Applied Grit Top	79.35 2.49
06 74 13 00-0047	SF	1/4" XFR Extra Fire Retardant Resin, Fiberplate Covering	50.57 1.56
06 74 13 00-0048	SF	1/2" XFR Extra Fire Retardant Resin, Fiberplate Covering	82.00 1.71
06 74 13 00-0049		ELS Extremely Low Smoke Resin (06 74 13 00-0001)	
06 74 13 00-0050	SF	1" Molded Fiberglass Grate, 1" x 4" Mesh, ELS Extremely Low Smoke Resin, Meniscus Top	54.82 1.95
06 74 13 00-0051	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, ELS Extremely Low Smoke Resin, Meniscus Top	53.14 1.95
06 74 13 00-0052	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, ELS Extremely Low Smoke Resin, Meniscus Top	69.26 1.95
06 74 13 00-0053	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, ELS Extremely Low Smoke Resin, Meniscus Top	74.15 2.49
06 74 13 00-0054	SF	1" Molded Fiberglass Grating, 1" x 4" Mesh, ELS Extremely Low Smoke Resin, Applied Grit Top	57.00 1.95
06 74 13 00-0055	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, ELS Extremely Low Smoke Resin, Applied Grit Top	55.62 1.95
06 74 13 00-0056	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, ELS Extremely Low Smoke Resin, Applied Grit Top	71.95 1.95
06 74 13 00-0057	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, ELS Extremely Low Smoke Resin, Applied Grit Top	76.87 2.49
06 74 13 00-0058	SF	1/4" ELS Extremely Low Smoke Resin, Fiberplate Covering	56.57 1.56
06 74 13 00-0059	SF	1/2" ELS Extremely Low Smoke Resin, Fiberplate Covering	102.28 1.71
06 74 13 00-0060		Pultruded Fiberglass Grating (06 74 13)	
06 74 13 00-0061		ISOFR Isophthalic Polyester Resin System (06 74 13 00-0060)	
Note: For moderately corrosive environments, green.			
06 74 13 00-0062		1" ISOFR Isophthalic Polyester Resin System (06 74 13 00-0061)	
06 74 13 00-0063	SF	1" Pultruded Fiberglass Grate, 6" Bar Space, 50% Open, ISOFR Isophthalic Polyester Resin	38.84 2.49
06 74 13 00-0064	SF	1" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, ISOFR Isophthalic Polyester Resin	34.41 1.95
06 74 13 00-0065	SF	1" Pultruded Fiberglass Grate, 6" Bar Space, 40% Open, ISOFR Isophthalic Polyester Resin	43.98 2.49
06 74 13 00-0066	SF	1" Pultruded Fiberglass Grate, 12" Bar Space, 40% Open, ISOFR Isophthalic Polyester Resin	40.63 1.95
06 74 13 00-0067	SF	1" Pultruded Fiberglass Grate, 6" Bar Space, 38% Open, ISOFR Isophthalic Polyester Resin	30.18 2.49
06 74 13 00-0068	SF	1" Pultruded Fiberglass Grate, 12" Bar Space, 38% Open, ISOFR Isophthalic Polyester Resin	26.68 1.95
06 74 13 00-0069	SF	1" Pultruded Fiberglass Grate, 6" Bar Space, 25% Open, ISOFR Isophthalic Polyester Resin	34.65 2.49
06 74 13 00-0070	SF	1" Pultruded Fiberglass Grate, 12" Bar Space, 25% Open, ISOFR Isophthalic Polyester Resin	31.23 1.95
06 74 13 00-0071		1-1/2" ISOFR Isophthalic Polyester Resin System (06 74 13 00-0061)	
06 74 13 00-0072	SF	1-1/2" Pultruded Fiberglass Grate, 6" Bar Space, 50% Open, ISOFR Isophthalic Polyester Resin	43.93 2.49
06 74 13 00-0073	SF	1-1/2" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, ISOFR Isophthalic Polyester Resin	39.62 1.95
06 74 13 00-0074	SF	1-1/2" Pultruded Fiberglass Grate, 6" Bar Space, 40% Open, ISOFR Isophthalic Polyester Resin	49.44 2.49
06 74 13 00-0075	SF	1-1/2" Pultruded Fiberglass Grate, 12" Bar Space, 40% Open, ISOFR Isophthalic Polyester Resin	46.35 1.95
06 74 13 00-0076	SF	1-1/2" Pultruded Fiberglass Grate, 6" Bar Space, 25% Open, ISOFR Isophthalic Polyester Resin	38.56 2.49
06 74 13 00-0077	SF	1-1/2" Pultruded Fiberglass Grate, 12" Bar Space, 25% Open, ISOFR Isophthalic Polyester Resin	35.14 1.95



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 74 13 00-0078			2" ISOFR Isophthalic Polyester Resin System (06 74 13 00-0061)		
06 74 13 00-0079	SF		2" Pultruded Fiberglass Grate, 6" Bar Space, 50% Open, ISOFR Isophthalic Polyester Resin	37.94	2.49
06 74 13 00-0080	SF		2" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, ISOFR Isophthalic Polyester Resin	42.05	2.49
06 74 13 00-0081	SF		2" Pultruded Fiberglass Grate, 6" Bar Space, 33% Open, ISOFR Isophthalic Polyester Resin	50.97	2.49
06 74 13 00-0082	SF		2" Pultruded Fiberglass Grate, 12" Bar Space, 33% Open, ISOFR Isophthalic Polyester Resin	48.06	2.49
06 74 13 00-0083			VERF Vinyl Ester Resin System (06 74 13 00-0060)		
06 74 13 00-0084			1" VERF Vinyl Ester Resin System (06 74 13 00-0083)		
06 74 13 00-0085	SF		1" Pultruded Fiberglass Grate, 6" Bar Space, 50% Open, VERF Vinyl Ester Resin	41.16	1.95
06 74 13 00-0086	SF		1" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, VERF Vinyl Ester Resin	36.74	1.95
06 74 13 00-0087	SF		1" Pultruded Fiberglass Grate, 6" Bar Space, 40% Open, VERF Vinyl Ester Resin	46.35	1.95
06 74 13 00-0088	SF		1" Pultruded Fiberglass Grate, 12" Bar Space, 40% Open, VERF Vinyl Ester Resin	53.30	1.95
06 74 13 00-0089	SF		1" Pultruded Fiberglass Grate, 6" Bar Space, 38% Open, VERF Vinyl Ester Resin	31.46	1.95
06 74 13 00-0090	SF		1" Pultruded Fiberglass Grate, 12" Bar Space, 38% Open, VERF Vinyl Ester Resin	28.06	1.95
06 74 13 00-0091	SF		1" Pultruded Fiberglass Grate, 6" Bar Space, 25% Open, VERF Vinyl Ester Resin	36.20	1.95
06 74 13 00-0092	SF		1" Pultruded Fiberglass Grate, 12" Bar Space, 25% Open, VERF Vinyl Ester Resin	33.17	1.95
06 74 13 00-0093			1-1/2" VERF Vinyl Ester Resin System (06 74 13 00-0083)		
06 74 13 00-0094	SF		1-1/2" Pultruded Fiberglass Grate, 6" Bar Space, 50% Open, VERF Vinyl Ester Resin	45.24	1.95
06 74 13 00-0095	SF		1-1/2" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, VERF Vinyl Ester Resin	40.88	1.95
06 74 13 00-0096	SF		1-1/2" Pultruded Fiberglass Grate, 6" Bar Space, 40% Open, VERF Vinyl Ester Resin	51.80	1.95
06 74 13 00-0097	SF		1-1/2" Pultruded Fiberglass Grate, 12" Bar Space, 40% Open, VERF Vinyl Ester Resin	48.33	1.95
06 74 13 00-0098	SF		1-1/2" Pultruded Fiberglass Grate, 6" Bar Space, 25% Open, VERF Vinyl Ester Resin	40.60	1.95
06 74 13 00-0099	SF		1-1/2" Pultruded Fiberglass Grate, 12" Bar Space, 25% Open, VERF Vinyl Ester Resin	37.35	1.95
06 74 13 00-0100			2" VERF Vinyl Ester Resin System (06 74 13 00-0083)		
06 74 13 00-0101	SF		2" Pultruded Fiberglass Grate, 6" Bar Space, 50% Open, VERF Vinyl Ester Resin	39.89	2.49
06 74 13 00-0102	SF		2" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, VERF Vinyl Ester Resin	36.73	2.49
06 74 13 00-0103	SF		2" Pultruded Fiberglass Grate, 6" Bar Space, 33% Open, VERF Vinyl Ester Resin	53.71	2.49
06 74 13 00-0104	SF		2" Pultruded Fiberglass Grate, 12" Bar Space, 33% Open, VERF Vinyl Ester Resin	52.14	2.49
06 80			Composite Fabrications (06)		
06 81			Composite Railings (06 80)		
06 81 13			Glass-Fiber-Reinforced Plastic Railings (06 81)		
06 81 13 00-0001			Fiberglass Handrail Assemblies (06 81 13)		
			Note: Assembly includes posts, rails, kick plates, fasteners and accessories. Not to be used in conjunction with handrail components.		
06 81 13 00-0002	LF		Fiberglass Side Mount Handrail, 2-1/8" Square Tube Posts Up To 42" High, Set 5' On Center, Two Horizontal 1-3/4" Square Tube Rails, 4" Kick Plate, Stainless Steel Fasteners And Accessories Assembly	77.62	21.67
			For Each LF Of Anchoring Posts Into Masonry Or Concrete, Add	3.00	
			For Sloped Floor Installation, Add	6.05	
			For Stair Installation (Without Kick Plates), Add	11.24	
06 81 13 00-0003	LF		Fiberglass Top Mount Handrail, 2-1/8" Square Tube Posts Up To 42" High, Set 5' On Center, Two Horizontal 1-3/4" Square Tube Rails, 4" Kick Plate, Stainless Steel Fasteners And Accessories Assembly	88.36	20.31
06 81 13 00-0004	LF		Fiberglass Handrail For Stairs, 2-1/8" Square Tube Posts Up To 42" High, Set 5' On Center, Two Horizontal 1-3/4" Square Tube Rails, Stainless Steel Fasteners And Accessories Assembly	82.95	27.09
06 81 13 00-0005			Fiberglass Handrail Components (06 81 13)		
			Note: This section is only to be used when entire handrail assembly is not required.		
06 81 13 00-0006	LF		Fiberglass Kick Plate (12' Sections) With Splice Kit	18.24	5.42
06 81 13 00-0007	LF		Fiberglass Kick Plate (24' sections) With Splice Kit	16.19	5.42
06 81 13 00-0008	EA		Fiberglass Side Mount Post For Handrail	177.77	32.50
06 81 13 00-0009	EA		Fiberglass Top Mount Post For Handrail With Stainless Steel Base	207.25	21.67
06 81 13 00-0010	LF		Fiberglass Square Tube For Horizontal Handrail, ISOFR 1-3/4" x 1/8" (12' sections)	19.80	6.50
06 81 13 00-0011	LF		Fiberglass Square Tube For Horizontal Handrail, ISOFR 1-3/4" x 1/8" (24' sections)	18.73	6.50
06 81 13 00-0012	LF		Fiberglass Square Tube For Horizontal Handrail, ISOFR 2-1/8" x 3/16" (21' sections)	20.32	6.50
06 82			Composite Trim (06 80)		
06 82 00 00-0001			Fiberglass Castings (06 82)		
06 82 00 00-0002			Fiberglass Angle, Equal Legs (06 82 00 00-0001)		
06 82 00 00-0003	LF		1" x 1" x 1/8" Thick Fiberglass Angle, ISOFR Isophthalic Polyester Resin	9.47	3.25
06 82 00 00-0004	LF		1" x 1" x 1/8" Thick Fiberglass Angle, VERF Vinyl Ester Resin	9.96	3.25
06 82 00 00-0005	LF		3" x 3" x 1/4" Thick Fiberglass Angle, ISOFR Isophthalic Polyester Resin	18.13	3.90
06 82 00 00-0006	LF		3" x 3" x 1/4" Thick Fiberglass Angle, VERF Vinyl Ester Resin	20.10	3.90
06 82 00 00-0007	LF		4" x 4" x 1/4" Thick Fiberglass Angle, ISOFR Isophthalic Polyester Resin	20.23	3.90
06 82 00 00-0008	LF		4" x 4" x 1/4" Thick Fiberglass Angle, VERF Vinyl Ester Resin	21.66	3.90
06 82 00 00-0009	LF		4" x 4" x 3/8" Thick Fiberglass Angle, ISOFR Isophthalic Polyester Resin	23.58	3.90

06 Wood, Plastics, and Composites**06 80 Composite Fabrications****06 82 Composite Trim**MINOR
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

06 82 00 00-0010	LF	4" x 4" x 3/8" Thick Fiberglass Angle, VERF Vinyl Ester Resin.....	26.63	3.90
06 82 00 00-0011	LF	6" x 6" x 1/2" Thick Fiberglass Angle, ISOFR Isophthalic Polyester Resin	64.65	4.88
06 82 00 00-0012	LF	6" x 6" x 1/2" Thick Fiberglass Angle, VERF Vinyl Ester Resin.....	74.50	4.88

06 82 00 00-0013 Fiberglass Channels (06 82 00 00-0001)

06 82 00 00-0014	LF	3" x 1" x 1/4" Fiberglass Channel, ISOFR Isophthalic Polyester Resin.....	10.91	4.88
06 82 00 00-0015	LF	3" x 1" x 1/4" Fiberglass Channel, VERF Vinyl Ester Resin.....	11.40	4.88
06 82 00 00-0016	LF	4" x 1 1/8" x 1/4" Fiberglass Channel, ISOFR Isophthalic Polyester Resin.....	23.53	5.52
06 82 00 00-0017	LF	4" x 1 1/8" x 1/4" Fiberglass Channel, VERF Vinyl Ester Resin.....	23.53	5.52
06 82 00 00-0018	LF	6" x 1 11/16" x 3/8" Fiberglass Channel, ISOFR Isophthalic Polyester Resin.....	37.37	5.52
06 82 00 00-0019	LF	6" x 1 11/16" x 3/8" Fiberglass Channel, VERF Vinyl Ester Resin.....	43.59	5.52
06 82 00 00-0020	LF	8" x 2 3/16" x 3/8" Fiberglass Channel, ISOFR Isophthalic Polyester Resin.....	35.05	5.52
06 82 00 00-0021	LF	8" x 2 3/16" x 3/8" Fiberglass Channel, VERF Vinyl Ester Resin.....	42.34	5.52
06 82 00 00-0022	LF	10" x 2-3/4" x 1/2" Fiberglass Channel, ISOFR Isophthalic Polyester Resin.....	53.37	7.59
06 82 00 00-0023	LF	10" x 2-3/4" x 1/2" Fiberglass Channel, VERF Vinyl Ester Resin.....	61.40	7.59

06 82 00 00-0024 Fiberglass Wide Flange Beams (06 82 00 00-0001)

06 82 00 00-0025	LF	4" x 4" x 1/4" Fiberglass Wide Flange Beam, ISOFR Isophthalic Polyester Resin.....	32.09	6.50
06 82 00 00-0026	LF	4" x 4" x 1/4" Fiberglass Wide Flange Beam, VERF Vinyl Ester Resin.....	35.19	6.50
06 82 00 00-0027	LF	6" x 6" x 1/4" Fiberglass Wide Flange Beam, ISOFR Isophthalic Polyester Resin.....	41.15	7.80
06 82 00 00-0028	LF	6" x 6" x 1/4" Fiberglass Wide Flange Beam, VERF Vinyl Ester Resin.....	42.64	7.80
06 82 00 00-0029	LF	8" x 8" x 3/8" Fiberglass Wide Flange Beam, ISOFR Isophthalic Polyester Resin.....	66.90	9.75
06 82 00 00-0030	LF	8" x 8" x 3/8" Fiberglass Wide Flange Beam, VERF Vinyl Ester Resin.....	84.42	9.75
06 82 00 00-0031	LF	10" x 10" x 1/2" Fiberglass Wide Flange Beam, ISOFR Isophthalic Polyester Resin.....	150.47	11.92
06 82 00 00-0032	LF	10" x 10" x 1/2" Fiberglass Wide Flange Beam, VERF Vinyl Ester Resin.....	169.62	11.92

06 82 00 00-0033 Fiberglass Flat Sheet (06 82 00 00-0001)

Note: Not to be used for bathroom board.

06 82 00 00-0034	SF	1/8" Thick Fiberglass Flat Sheet, ISOFR Isophthalic Polyester Resin	26.48	5.52
06 82 00 00-0035	SF	1/8" Thick Fiberglass Flat Sheet, VERF Vinyl Ester Resin	27.70	5.52
06 82 00 00-0036	SF	1/4" Thick Fiberglass Flat Sheet, ISOFR Isophthalic Polyester Resin	42.03	6.50
06 82 00 00-0037	SF	1/4" Thick Fiberglass Flat Sheet, VERF Vinyl Ester Resin	48.54	6.50
06 82 00 00-0038	SF	3/8" Thick Fiberglass Flat Sheet, ISOFR Isophthalic Polyester Resin	57.22	7.80
06 82 00 00-0039	SF	3/8" Thick Fiberglass Flat Sheet, VERF Vinyl Ester Resin	66.99	7.80
06 82 00 00-0040	SF	1/2" Thick Fiberglass Flat Sheet, ISOFR Isophthalic Polyester Resin	77.30	9.75
06 82 00 00-0041	SF	1/2" Thick Fiberglass Flat Sheet, VERF Vinyl Ester Resin	92.25	9.75

06 82 00 00-0042 Fiberglass Bars (06 82 00 00-0001)**06 82 00 00-0043 Square Bars** (06 82 00 00-0042)

06 82 00 00-0044	LF	1" Square Fiberglass Solid Square Bar, ISO Isophthalic Polyester Resin	15.64	3.90
06 82 00 00-0045	LF	1-1/4" Square Fiberglass Solid Square Bar, ISO Isophthalic Polyester Resin	22.66	5.74
06 82 00 00-0046	LF	1-1/2" Square Fiberglass Solid Square Bar, ISOFR Isophthalic Polyester Resin	26.62	7.59

06 82 00 00-0047 Round Bars (06 82 00 00-0042)

06 82 00 00-0048	LF	1/4" Diameter Fiberglass Solid Round Bar, ISOFR Isophthalic Polyester Resin.....	9.91	3.25
06 82 00 00-0049	LF	1" Diameter Fiberglass Solid Round Bar, ISOFR Isophthalic Polyester Resin	21.65	4.88
06 82 00 00-0050	LF	1" Diameter Fiberglass Solid Round Bar, VERF Vinyl Ester Resin.....	24.61	4.88
06 82 00 00-0051	LF	1-1/4" Diameter Fiberglass Solid Round Bar, ISOFR Isophthalic Polyester Resin	32.92	4.88
06 82 00 00-0052	LF	1-1/2" Diameter Fiberglass Solid Round Bar, ISOFR Isophthalic Polyester Resin	39.38	5.52

06 82 00 00-0053 Fiberglass Tubes (06 82 00 00-0001)**06 82 00 00-0054 Square Tube** (06 82 00 00-0053)

06 82 00 00-0055	LF	1" x 1" x 1/8" Thick Fiberglass Square Tube, ISOFR Isophthalic Polyester Resin.....	11.25	3.25
06 82 00 00-0056	LF	1" x 1" x 1/8" Thick Fiberglass Square Tube, VERF Vinyl Ester Resin	12.21	3.25
06 82 00 00-0057	LF	2" x 2" x 1/8" Thick Fiberglass Square Tube, ISOFR Isophthalic Polyester Resin.....	16.81	3.90
06 82 00 00-0058	LF	2" x 2" x 1/8" Thick Fiberglass Square Tube, VERF Vinyl Ester Resin.....	18.50	3.90
06 82 00 00-0059	LF	3" x 3" x 1/4" Thick Fiberglass Square Tube, ISOFR Isophthalic Polyester Resin.....	32.55	4.88
06 82 00 00-0060	LF	3" x 3" x 1/4" Thick Fiberglass Square Tube, VERF Vinyl Ester Resin.....	36.46	4.88
06 82 00 00-0061	LF	4" x 4" x 1/4" Thick Fiberglass Square Tube, ISOFR Isophthalic Polyester Resin.....	38.29	5.85
06 82 00 00-0062	LF	4" x 4" x 1/4" Thick Fiberglass Square Tube, VERF Vinyl Ester Resin.....	49.17	5.85

06 82 00 00-0063 Round Tube (06 82 00 00-0053)

06 82 00 00-0064	LF	1" Diameter x 1/8" Thick Fiberglass Round Tube, ISOFR Isophthalic Polyester Resin	10.74	3.25
06 82 00 00-0065	LF	1" Diameter x 1/8" Thick Fiberglass Round Tube, VERF Vinyl Ester Resin.....	11.18	3.25
06 82 00 00-0066	LF	2" Diameter x 1/4" Thick Fiberglass Round Tube, ISOFR Isophthalic Polyester Resin	20.57	3.90
06 82 00 00-0067	LF	2" Diameter x 1/4" Thick Fiberglass Round Tube, VERF Vinyl Ester Resin.....	22.01	3.90

06 82 00 00-0068 Fiberglass Threaded Rods (06 82 00 00-0001)

06 82 00 00-0069	LF	3/8" Diameter Fiberglass Threaded Rod, VERF Vinyl Ester Resin.....	14.89	2.49
06 82 00 00-0070	LF	1/2" Diameter Fiberglass Threaded Rod, VERF Vinyl Ester Resin.....	15.89	2.49



Wood, Plastics, and Composites		06
Composite Fabrications		06 80
Composite Trim		06 82

MINOR CSI UOM DESCRIPTION			TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 82 00 00-0071	LF	5/8" Diameter Fiberglass Threaded Rod, VERF Vinyl Ester Resin.....	18.24	2.82
06 82 00 00-0072	LF	3/4" Diameter Fiberglass Threaded Rod, VERF Vinyl Ester Resin.....	20.16	2.82
06 82 00 00-0073	LF	1" Diameter Fiberglass Threaded Rod, VERF Vinyl Ester Resin.....	22.34	2.82
06 82 00 00-0074 Grating Support Legs, VEFR Resin (06 82 00 00-0001)				
06 82 00 00-0075	EA	Grating Support Legs, Fixed Height With Base Miscellaneous Fiberglass Castings	16.27	
06 82 00 00-0076	EA	Grate Support Legs Fixed Height Without Base Miscellaneous Fiberglass Castings	6.97	
06 82 00 00-0077	EA	Grating Support Legs, Adjustable To 60" Miscellaneous Fiberglass Castings.....	26.22	
06 82 00 00-0078 Fiberglass Netting (06 82 00 00-0001)				
06 82 00 00-0079	SF	1/2" x 1/2" Mesh, Clear Flexible Fiberglass Netting	0.81	0.39
06 82 00 00-0080	SF	1/2" x 2" Mesh, Clear Flexible Fiberglass Netting	0.81	0.39
06 82 00 00-0081	SF	3/4" x 5/8" Mesh, Clear Flexible Fiberglass Netting	0.81	0.39
06 82 00 00-0082	SF	7/8" x 7/8" Mesh, Clear Flexible Fiberglass Netting	0.81	0.39
06 82 00 00-0083	SF	1" x 1" Mesh, Clear Flexible Fiberglass Netting	0.81	0.39
06 82 00 00-0084	SF	1/2" x 1/2" Mesh, Green Flexible Fiberglass Netting.....	0.80	0.39
06 82 00 00-0085	SF	1/2" x 2" Mesh, Green Flexible Fiberglass Netting.....	0.80	0.39
06 82 00 00-0086	SF	3/4" x 5/8" Mesh, Green Flexible Fiberglass Netting.....	0.80	0.39
06 82 00 00-0087	SF	7/8" x 7/8" Mesh, Green Flexible Fiberglass Netting.....	0.80	0.39
06 82 00 00-0088	SF	1" x 1" Mesh, Green Flexible Fiberglass Netting.....	0.80	0.39
06 82 00 00-0089 Fiberglass Stair Treads (06 82)				
06 82 00 00-0090 Fiberglass Stair Treads (06 82 00 00-0089)				
06 82 00 00-0091 10-1/2" Deep Isophthalic Resin System (06 82 00 00-0090)				
06 82 00 00-0092	EA	1" Fiberglass Stair Tread, 10-1/2" Deep x 24" Wide Isophthalic Resin System.....	103.92	17.01
06 82 00 00-0093	EA	1" Fiberglass Stair Tread, 10-1/2" Deep x 30" Wide Isophthalic Resin System.....	121.44	17.01
06 82 00 00-0094	EA	1" Fiberglass Stair Tread, 10-1/2" Deep x 36" Wide Isophthalic Resin System.....	138.95	17.01
06 82 00 00-0095	EA	1" Fiberglass Stair Tread, 10-1/2" Deep x 42" Wide Isophthalic Resin System.....	156.47	17.01
06 82 00 00-0096	EA	1-1/2" Fiberglass Stair Tread, 10-1/2" Deep x 24" Wide Isophthalic Resin System.....	114.43	17.01
06 82 00 00-0097	EA	1-1/2" Fiberglass Stair Tread, 10-1/2" Deep x 30" Wide Isophthalic Resin System.....	134.57	17.01
06 82 00 00-0098	EA	1-1/2" Fiberglass Stair Tread, 10-1/2" Deep x 36" Wide Isophthalic Resin System.....	154.72	17.01
06 82 00 00-0099	EA	1-1/2" Fiberglass Stair Tread, 10-1/2" Deep x 42" Wide Isophthalic Resin System.....	174.86	17.01
06 82 00 00-0100	EA	2" Fiberglass Stair Tread, 10-1/2" Deep x 24" Wide Isophthalic Resin System.....	130.55	17.01
06 82 00 00-0101	EA	2" Fiberglass Stair Tread, 10-1/2" Deep x 30" Wide Isophthalic Resin System.....	154.72	17.01
06 82 00 00-0102	EA	2" Fiberglass Stair Tread, 10-1/2" Deep x 36" Wide Isophthalic Resin System.....	178.89	17.01
06 82 00 00-0103	EA	2" Fiberglass Stair Tread, 10-1/2" Deep x 42" Wide Isophthalic Resin System.....	203.06	17.01
06 82 00 00-0104 12" Deep Isophthalic Resin System (06 82 00 00-0090)				
06 82 00 00-0105	EA	1" Fiberglass Stair Tread, 12" Deep x 24" Wide Isophthalic Resin System	113.93	17.01
06 82 00 00-0106	EA	1" Fiberglass Stair Tread, 12" Deep x 30" Wide Isophthalic Resin System	133.95	17.01
06 82 00 00-0107	EA	1" Fiberglass Stair Tread, 12" Deep x 36" Wide Isophthalic Resin System	153.97	17.01
06 82 00 00-0108	EA	1" Fiberglass Stair Tread, 12" Deep x 42" Wide Isophthalic Resin System	173.99	17.01
06 82 00 00-0109	EA	1-1/2" Fiberglass Stair Tread, 12" Deep x 24" Wide Isophthalic Resin System.....	125.95	17.01
06 82 00 00-0110	EA	1-1/2" Fiberglass Stair Tread, 12" Deep x 30" Wide Isophthalic Resin System.....	148.96	17.01
06 82 00 00-0111	EA	1-1/2" Fiberglass Stair Tread, 12" Deep x 36" Wide Isophthalic Resin System.....	171.99	17.01
06 82 00 00-0112	EA	1-1/2" Fiberglass Stair Tread, 12" Deep x 42" Wide Isophthalic Resin System.....	195.01	17.01
06 82 00 00-0113	EA	2" Fiberglass Stair Tread, 12" Deep x 24" Wide Isophthalic Resin System	144.36	17.01
06 82 00 00-0114	EA	2" Fiberglass Stair Tread, 12" Deep x 30" Wide Isophthalic Resin System	171.99	17.01
06 82 00 00-0115	EA	2" Fiberglass Stair Tread, 12" Deep x 36" Wide Isophthalic Resin System	199.61	17.01
06 82 00 00-0116	EA	2" Fiberglass Stair Tread, 12" Deep x 42" Wide Isophthalic Resin System	227.24	17.01
06 82 00 00-0117 Other Fiberglass (06 82)				
06 82 00 00-0118 Fiberglass Splash Blocks (06 82 00 00-0117)				
06 82 00 00-0119	EA	Standard Size Fiberglass Splash Block.....	19.12	3.89
06 83 Composite Paneling (06 80)				
06 83 16 Fiberglass Reinforced Paneling (06 83)				
06 83 16 00-0001 Fiberglass Reinforced Polyester (FRP) Panels (06 83 16)				
Note: Includes adhesive and trim.				
06 83 16 00-0002	SF	Fiberglass Reinforced Polyester (FRP) Paneling.....	4.09	1.95
Note: Including Adhesive And Trim				

END OF SECTION 06

06	06	Wood, Plastics, and Composites
	06 80	Composite Fabrications
	06 83	Composite Paneling



MINOR			TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST		UNIT COST

THIS PAGE INTENTIONALLY LEFT BLANK

NOT FOR BID



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

07 Thermal And Moisture Protection

07 01 Operation and Maintenance of Thermal and Moisture Protection⁽⁰⁷⁾

07 01 50 Maintenance of Membrane Roofing^(07 01)

07 01 50 19 Preparation for Re-Roofing^(07 01 50)

07 01 50 19-0001 Preparation For Re-Roofing^(07 01 50 19)

07 01 50 19-0002	SQ	Removal Of Pea Gravel Ballast From Roof, Vacuum And Disposal	82.13
07 01 50 19-0003	SQ	Removal Of Gravel Ballast From Roof, Vacuum And Disposal	143.70

07 01 50 81 Roof Replacement^(07 01 50)

07 01 50 81-0001 Roof Repair^(07 01 50 81)

Note: Less than 100 SF areas. Excludes mobilization of crew for small quantity of roof work. See CSI section 07 05 13 00-0001 for mobilization of crew for small quantity of roof work.

07 01 50 81-0002	SF	Up To 10 SF Roof Repair, Built-Up Roofing	20.09
07 01 50 81-0003	SF	>10 To 25 SF Roof Repair, Built-Up Roofing	17.87
07 01 50 81-0004	SF	>25 To 50 SF Roof Repair, Built-Up Roofing	16.20
07 01 50 81-0005	SF	>50 To 100 SF Roof Repair, Built-Up Roofing	15.07
07 01 50 81-0006	SF	Up To 10 SF Roof Repair, Membrane Roofing	22.33
07 01 50 81-0007	SF	>10 To 25 SF Roof Repair, Membrane Roofing	20.12
07 01 50 81-0008	SF	>25 To 50 SF Roof Repair, Membrane Roofing	18.45
07 01 50 81-0009	SF	>50 To 100 SF Roof Repair, Membrane Roofing	17.32
07 01 50 81-0010	SF	Up To 10 SF Roof Repair, Shingle Roofing	17.85
07 01 50 81-0011	SF	>10 To 25 SF Roof Repair, Shingle Roofing	15.86
07 01 50 81-0012	SF	>25 To 50 SF Roof Repair, Shingle Roofing	14.41
07 01 50 81-0013	SF	>50 To 100 SF Roof Repair, Shingle Roofing	13.51
07 01 50 81-0014	LF	Heat Weld Roofing Seams For Repair	7.00

07 01 50 81-0015 Emergency Roof Patch^(07 01 50 81)

Note: 4 Hour response time.

07 01 50 81-0016	EA	Mobilize For Emergency Roof Patching	687.92
07 01 50 81-0017	EA	Granule Emergency Roof Patch Cover 16 SF	79.26

07 01 50 81-0018 Adhesives^(07 01 50 81)

Note: For repair of seams.

07 01 50 81-0019 Mastic Sealer^(07 01 50 81-0018)

07 01 50 81-0020 Applied At Joints Only^(07 01 50 81-0019)

07 01 50 81-0021	LF	Mastic Sealer, 1/4" Bead At Joint	4.54

1.95

07 01 50 91 Roofing Restoration^(07 01 50)

07 01 50 91-0001 Pressure Wash Membrane Roofing^(07 01 50 91)

07 01 50 91-0002	SF	Up To 2,500 PSI, Pressure Wash Membrane Roofing	0.17
		For Up To 100, Add	0.13
		For >100 To 250, Add	0.06
		For >250 To 500, Add	0.03
		For >5,000 To 10,000, Deduct	-0.01
		For >10,000 To 15,000, Deduct	-0.02
		For >15,000 To 30,000, Deduct	-0.03
		For >30,000, Deduct	-0.03

07 05 Common Work Results for Thermal and Moisture Protection⁽⁰⁷⁾

07 05 13 Mobilization Of Crew For Small Quantity Of Roof Work^(07 05)

07 05 13 00-0001 Mobilization Of Crew For Small Quantity Of Roof Work^(07 05 13)

Note: For use with all roofing tasks where the total quantity of roof work is 4 squares or less.

07 05 13 00-0002	EA	Up To 1 SQ, Mobilization Of Crew For Small Quantity Of Roof Work	1,378.04
07 05 13 00-0003	EA	>1 To 2 SQ, Mobilization Of Crew For Small Quantity Of Roof Work	1,031.05
07 05 13 00-0004	EA	>2 To 3 SQ, Mobilization Of Crew For Small Quantity Of Roof Work	689.02
07 05 13 00-0005	EA	>3 To 4 SQ, Mobilization Of Crew For Small Quantity Of Roof Work	343.69

07 10 Dampproofing and Waterproofing⁽⁰⁷⁾

Note: The following tasks are for application to vertical (walls and foundations) surfaces. For horizontal (flat) surfaces apply the appropriate modifier to reduce the labor cost (where listed). Waterproofing is the treatment of a surface or structure to PREVENT the passage of water under hydrostatic pressure. Dampproofing is the treatment of a surface or structure to RESIST the passage of water in

07 Thermal And Moisture Protection**07 10 Dampproofing and Waterproofing**

07 05 13 Mobilization Of Crew For Small Quantity Of Roof Work

MINOR
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

the absence of hydrostatic pressure.

07 11 Dampproofing (07 10)**07 11 13 Bituminous Dampproofing** (07 11)**07 11 13 00-0001 Fibrous Asphalt Dampproofing, Brush, Roller Or Spray** (07 11 13)

07 11 13 00-0002 CSF 1 Coat, Fibrous Asphalt Dampproofing, Brush, Roller Or Spray 178.09
 07 11 13 00-0003 CSF 2 Coats, Brush, Roller Or Spray, Fibrous Asphalt Dampproofing 269.81

07 11 13 00-0004 Fibrous Asphalt Dampproofing, Troweled On (07 11 13)

07 11 13 00-0005 CSF Primer And 1 Coat, Fibrous Asphalt Dampproofing, Troweled On 309.67
 07 11 13 00-0006 CSF Primer And 2 Coats, Troweled On, Fibrous Asphalt Dampproofing 485.83

07 11 13 00-0007 Asphaltic Paint Dampproofing (07 11 13)

07 11 13 00-0008 CSF 1 Coat, Asphaltic Paint Dampproofing, Brushed On 141.55
 07 11 13 00-0009 CSF 2 Coats, Brushed On, Asphaltic Paint Dampproofing 262.43

07 11 19 Sheet Dampproofing (07 11)**07 11 19 00-0001 Neoprene** (07 11 19)

07 11 19 00-0002 SF 1/16" Patch Neoprene Roof (5 To 20 SF) 36.81

07 13 Sheet Waterproofing (07 10)**07 13 13 Bituminous Sheet Waterproofing** (07 13)**07 13 13 00-0001 15 LB Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped** (07 13 13)

07 13 13 00-0002 CSF 1 Ply, 15 LB Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped 321.30 110.06
For 30 LB Felt, Add 75.89
For Application To Horizontal Surfaces, Deduct -33.02
 07 13 13 00-0003 CSF 2 Ply, 15 LB Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped 406.86 123.81
For 30 LB Felt, Add 119.42
For Application To Horizontal Surfaces, Deduct -37.14
 07 13 13 00-0004 CSF 3 Ply, 15 LB Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped 492.40 137.57
For 30 LB Felt, Add 162.95
For Application To Horizontal Surfaces, Deduct -41.27
 07 13 13 00-0005 CSF 4 Ply, 15 LB Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped 577.96 151.33
For 30 LB Felt, Add 206.48
For Application To Horizontal Surfaces, Deduct -45.40
 07 13 13 00-0006 CSF 5 Ply, 15 LB Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped 663.51 165.09
For 30 LB Felt, Add 250.01
For Application To Horizontal Surfaces, Deduct -49.53

07 13 13 00-0007 Asphalt Coated Protective Board (07 13 13)

07 13 13 00-0008 CSF 1/8" Asphalt Coated Protective Board 266.33 110.41
For Application To Horizontal Surfaces, Deduct -36.82
 07 13 13 00-0009 CSF 1/4" Asphalt Coated Protective Board 333.63 114.66
For Application To Horizontal Surfaces, Deduct -38.22
 07 13 13 00-0010 CSF 3/8" Asphalt Coated Protective Board 414.55 119.47
For Application To Horizontal Surfaces, Deduct -39.81
 07 13 13 00-0011 CSF 1/2" Asphalt Coated Protective Board 457.34 124.29
For Application To Horizontal Surfaces, Deduct -41.44

07 13 53 Elastomeric Sheet Waterproofing (07 13)**07 13 53 00-0001 Rubberized Membrane Sheet** (07 13 53)

07 13 53 00-0002 SF 215 Mil Rubberized Asphalt Membrane Sheet, Vertical Surface 6.93 1.14
For Floor Surfaces, Deduct -1.10

07 13 53 00-0003 Ethylene Propylene Diene Monomer (EPDM) (07 13 53)

07 13 53 00-0004 CSF 45 Mil Ethylene Propylene Diene Monomer (EPDM) Membrane 480.60 160.51
For Application To Horizontal Surfaces, Deduct -48.15
 07 13 53 00-0005 CSF 60 Mil Ethylene Propylene Diene Monomer (EPDM) Membrane 554.28 160.51
For Application To Horizontal Surfaces, Deduct -48.15

07 13 53 00-0006 Butyl Sheet Waterproofing (07 13 53)

07 13 53 00-0007 CSF 1/32" Butyl Sheet Waterproofing 100.58 40.13
For Joint Taping, Add 14.28
For Each Additional Ply, Add 74.43
For Application To Horizontal Surfaces, Deduct -6.03



Thermal And Moisture Protection			07
Dampproofing and Waterproofing			07 10
Sheet Waterproofing			07 13

MINOR		DESCRIPTION	TOTAL DIRECT	DEMOLITION
CSI	UOM		UNIT COST	UNIT COST
07 13 53 00-0008	CSF	1/16" Butyl Sheet Waterproofing..... For Joint Taping, Add For Each Additional Ply, Add For Application To Horizontal Surfaces, Deduct	119.79 15.24 87.87 -6.03	40.13
07 13 53 00-0009		Butyl With Nylon (07 13 53)		
07 13 53 00-0010	CSF	1/32" Butyl Elastomeric Waterproofing With Nylon..... For Joint Taping, Add For Each Additional Ply, Add For Application To Horizontal Surfaces, Deduct	111.56 14.83 82.11 -6.03	40.13
07 13 53 00-0011	CSF	1/16" Butyl Elastomeric Waterproofing With Nylon..... For Joint Taping, Add For Each Additional Ply, Add For Application To Horizontal Surfaces, Deduct	123.91 15.44 90.76 -6.03	40.13
07 13 53 00-0012		Neoprene Sheet Waterproofing (07 13 53)		
07 13 53 00-0013	CSF	1/32" Neoprene Sheet Waterproofing..... For Joint Taping, Add For Each Additional Ply, Add For Application To Horizontal Surfaces, Deduct	174.74 17.99 126.34 -6.03	40.13
07 13 53 00-0014	CSF	1/16" Neoprene Sheet Waterproofing..... For Joint Taping, Add For Each Additional Ply, Add For Application To Horizontal Surfaces, Deduct	256.51 22.07 183.58 -6.03	40.13
07 13 53 00-0015		Neoprene With Nylon (07 13 53)		
07 13 53 00-0016	CSF	1/32" Neoprene Elastomeric Waterproofing With Nylon..... For Joint Taping, Add For Each Additional Ply, Add For Application To Horizontal Surfaces, Deduct	183.27 18.41 132.31 -6.03	40.13
07 13 53 00-0017	CSF	1/16" Neoprene Elastomeric Waterproofing With Nylon..... For Joint Taping, Add For Each Additional Ply, Add For Application To Horizontal Surfaces, Deduct	270.14 22.76 193.12 -6.03	40.13
07 13 53 00-0018		Plastic Vapor Barrier (Polyethylene) (07 13 53)		
07 13 53 00-0019	CSF	4 Mil Polyethylene Vapor Barrier..... For Joint Taping, Add For Each Additional Ply, Add For Application To Horizontal Surfaces, Deduct	36.59 8.57 28.54 -4.39	13.23
07 13 53 00-0020	CSF	6 Mil Polyethylene Vapor Barrier..... For Joint Taping, Add For Each Additional Ply, Add For Application To Horizontal Surfaces, Deduct	37.46 8.61 29.15 -4.39	13.23
07 13 53 00-0021	CSF	10 Mil Polyethylene Vapor Barrier..... For Joint Taping, Add For Each Additional Ply, Add For Application To Horizontal Surfaces, Deduct	64.44 9.96 48.04 -4.39	13.23
07 13 53 00-0022	CSF	60 Mil Polyethylene Vapor Barrier With Bentonite..... Note: Includes seam tape, liquid mastic, anchors and termination bar. For Each Additional Ply, Add For Application To Horizontal Surfaces, Deduct	98.81 72.42 -4.88	13.23
07 13 53 00-0023		Plastic Vapor Barrier (PVC) (07 13 53)		
07 13 53 00-0024	CSF	10 Mil Polyvinyl Chloride (PVC) Vapor Barrier..... For Joint Taping, Add For Each Additional Ply, Add For Application To Horizontal Surfaces, Deduct	43.30 8.90 33.24 -4.39	14.64
07 13 53 00-0025	CSF	20 Mil Polyvinyl Chloride (PVC) Vapor Barrier..... For Joint Taping, Add For Each Additional Ply, Add For Application To Horizontal Surfaces, Deduct	54.59 9.72 41.25 -4.56	15.18
07 13 53 00-0026	CSF	30 Mil Polyvinyl Chloride (PVC) Vapor Barrier..... For Joint Taping, Add For Each Additional Ply, Add For Application To Horizontal Surfaces, Deduct	69.67 10.72 51.92 -4.72	15.72
07 13 53 00-0027		Vinyl Plastic Vapor Barrier (07 13 53)		
07 13 53 00-0028	CSF	4 Mil Vinyl Plastic Vapor Barrier With Fiberglass Insulation At Joints (Tu-Tuf #4).....	43.29	13.56
07 13 54		Thermoplastic Sheet Waterproofing (07 13)		
07 13 54 00-0001		Thermoplastic Sheet Waterproofing (07 13 54)		
07 13 54 00-0002	SF	60 Mil Thermoplastic Active Polymer Core Membrane (Cetco Coreflex 60).....	10.85	
07 13 54 00-0003	SF	Cortex Active Polymer Core Separation Sheet (Cetco Coretex).....	7.14	
07 13 54 00-0004	SF	Hardscape Walk Path Drain Board (Cetco Aquadrain 30HD).....	2.44	

07 Thermal And Moisture Protection**07 10 Dampproofing and Waterproofing****07 13 Sheet Waterproofing**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

07 13 54 00-0005	SF	Planted Area Drain Board (Cetco GS-300).....	4.34	
07 13 54 00-0006	SF	Root Barrier (Cetco GS-120)	2.91	
07 13 54 00-0007	LF	Stainless Steel Termination Bar (Cetco).....	4.94	

07 14 Fluid-Applied Waterproofing (07 10)**07 14 13 Hot Fluid-Applied Rubberized Asphalt Waterproofing** (07 14)

07 14 13 00-0001		Hot Applied Rubberized Asphalt Waterproofing Coating (07 14 13)		
07 14 13 00-0002	SF	90 Mil Hot Applied Rubberized Asphalt Waterproofing Coating, Vertical Surface.....	2.42	
		Note: Includes primer.		
		For Application To Horizontal Surfaces, Deduct	-0.21	
		For Reinforcing Fabric, Add	0.54	
07 14 13 00-0003	SF	125 Mil Hot Applied Rubberized Asphalt Waterproofing Coating, Vertical Surface.....	2.87	
		Note: Includes primer.		
		For Application To Horizontal Surfaces, Deduct	-0.22	
		For Reinforcing Fabric, Add	0.54	

07 14 16 Cold Fluid-Applied Waterproofing (07 14)

07 14 16 00-0001		Fluid Applied Rubber Based Polyurethane (07 14 16)		
07 14 16 00-0002	SF	60 Mil Thick, Applied In 2 Coats, Fluid Applied, Rubber Base, Polyurethane Waterproofing.....	4.06	
		For Application To Horizontal Surfaces, Deduct	-0.48	
07 14 16 00-0003	SF	90 Mil Thick, Applied In 2 Coats, Fluid Applied, Rubber Base, Polyurethane Waterproofing.....	4.64	
		For Application To Horizontal Surfaces, Deduct	-0.51	
07 14 16 00-0004	SF	120 Mil Thick, Applied In 2 Coats, Fluid Applied, Rubber Base, Polyurethane Waterproofing.....	5.26	
		For Application To Horizontal Surfaces, Deduct	-0.54	

07 14 16 00-0005		One Part Solution Of Chlorosulfonated Polyethylene Polymer (07 14 16)		
07 14 16 00-0006	SF	15 Mil Finish Coat, 1 Part Solution, Chlorosulfonated Polyethylene (CSM) Polymer.....	2.76	

07 14 16 00-0007		Copolymer Compound (07 14 16)		
07 14 16 00-0008	SF	32 Mil, Fluid Elastomeric Copolymer Compound For Slabs.....	4.38	

07 14 16 00-0009		Fluid Applied Neoprene (07 14 16)		
07 14 16 00-0010	CSF	1/8" Fiberglass Reinforced, Fluid Applied Neoprene.....	532.29	
		For Application To Horizontal Surfaces, Deduct	-58.47	
07 14 16 00-0011	CSF	50 Mil, 4 Coats, Fluid Applied Neoprene.....	1,033.21	
		For Application To Horizontal Surfaces, Deduct	-114.71	
07 14 16 00-0012	CSF	90 Mil, 4 Coats, Fluid Applied Neoprene.....	1,683.47	
		For Application To Horizontal Surfaces, Deduct	-171.98	

07 14 16 00-0013		Moisture Barrier (Maxxon) (07 14 16)		
07 14 16 00-0014	SF	Moisture Barrier Primer, Brush Application For Cut-ins (Maxxon MVP 13030).....	3.68	
		Note: Includes primer coat for moisture mitigation epoxy flooring. Excludes preparation of flooring		
07 14 16 00-0015	SF	Moisture Barrier Primer, Roller Application (Maxxon MVP 13030).....	3.28	
		Note: Includes primer coat for moisture mitigation epoxy flooring. Excludes preparation of flooring		
07 14 16 00-0016	SF	Two Part Epoxy Moisture Barrier, Brush Application For Cut-ins, First Coat (Maxxon MVP 13035).....	1.43	
		Note: Includes product mixing and application. Excludes preparation of flooring		
07 14 16 00-0017	SF	Two Part Epoxy Moisture Barrier, Roller Application For First Coat (Maxxon MVP 13035).....	1.03	
		Note: Includes product mixing and application. Excludes preparation of flooring		
07 14 16 00-0018	SF	Two Part Epoxy Moisture Barrier, Brush Application For Cut-ins, Second Coat (Maxxon MVP 13035).....	1.97	
		Note: Includes product mixing and application. Excludes preparation of flooring		
07 14 16 00-0019	SF	Two Part Epoxy Moisture Barrier, Roller Application For Second Coat (Maxxon MVP 13035).....	1.57	
		Note: Includes product mixing and application. Excludes preparation of flooring		

07 14 16 00-0020		Waterproofing (Sika) (07 14 16)		
07 14 16 00-0021	SF	30 Mil Thick, Two-Component Polyurethane, Roller Grade Bitumen Modified Waterproofing, (Sika Sikagard®-7600 HG).....	6.19	

07 16 Cementitious and Reactive Waterproofing (07 10)

07 16 13 00-0001	SF	Polymer Modified Cementitious Waterproofing Assembly, 2 Coats.....	4.71	
		Note: As manufactured by Thoro Consumer Products. Includes Thoroseal, Acryl 60, acrylic waterproof coating and white pigmented acrylic copolymer primer.		

07 16 16 00-0001	SF	Crystalline Cementitious Waterproofing, 2 Coats (Xypex Concentrate).....	6.41	

07 16 19 Metal Oxide Waterproofing (07 16)



Thermal And Moisture Protection			07
Dampproofing and Waterproofing			07 10
Cementitious and Reactive Waterproofing			07 16

07

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 16 19 00-0001 Metallic Oxide Waterproofing (07 16 19) Note: Includes one broom applied bond coat and three brush applied waterproof coats. Excludes concrete repairs to subbase and final protective concrete surface coat. See CSI section 03 54 16 00-0001 for self leveling underlayment for concrete floors, 09 24 33 00-0001 for cement parging.		
07 16 19 00-0002 CSF Catalyzed Metallic Waterproofing Treatment, Metal Oxide Waterproofing (Euclid Iron Waterpeller)..... For Application To Horizontal Surfaces, Deduct	501.13 -62.64	
07 17 Bentonite Waterproofing (07 10)		
07 17 13 Bentonite Panel Waterproofing (07 17)		
07 17 13 00-0001 CSF 3/16" Bentonite Waterproofing Panels..... For Application To Horizontal Surfaces, Deduct	403.08 -39.33	131.74
07 17 13 00-0002 CSF 1/4" Bentonite Waterproofing Panels..... For Application To Horizontal Surfaces, Deduct	382.72 -42.78	139.19
07 17 13 00-0003 CSF 5/8" Bentonite Waterproofing Panels..... For Application To Horizontal Surfaces, Deduct	494.00 -43.53	145.15
07 17 13 00-0004 CSF 3/8" Granular Bentonite, Troweled..... For Application To Horizontal Surfaces, Deduct	400.81 -36.20	120.73
07 18 Traffic Coatings (07 10)		
07 18 13 Pedestrian Traffic Coatings (07 18)		
07 18 13 00-0001 Elastomeric Plaza Deck System (Garland Dura-Walk®) (07 18 13) Note: For pedestrian and vehicular traffic. Includes 10 year warranty. Excludes surface preparation, deck crack repair, joint sealants or markings.		
07 18 13 00-0002 SQ Porous Concrete Primer (Garland Dura-Walk® FC Primer Kit).....	167.65	
07 18 13 00-0003 SQ 32 mils, Base Coat, One-Component, Polyurethane, Elastomeric Plaza Deck System (Garland Dura-Walk®).....	488.83	
07 18 13 00-0004 SQ 16 mils, Wear Coat, One-Component, Polyurethane, Elastomeric Plaza Deck System (Garland Dura-Walk®).....	279.58	
07 18 13 00-0005 SQ 16 mils, Top Coat, One-Component, Polyurethane, Elastomeric Plaza Deck System (Garland Dura-Walk®).....	335.47	
07 18 13 00-0006 LF 6" Wide, Poly Joint Tape (Garland Dura-Walk®).....	1.61	
07 18 16 Vehicular Traffic Coatings (07 18)		
07 18 16 00-0001 Preparation For Vehicular Traffic Coating (07 18 16) See CSI section 03 01 30 71-0068 for crack repairs, 32 17 23 00-0000 for pavement markings.		
07 18 16 00-0002 SF Grinding Of Existing Concrete Floor Prior To Installation Of Deck Coating.....	1.05	
07 18 16 00-0003 SF Shot Blasting Concrete Surface For Vehicular Traffic Coating.....	2.60	
07 18 16 00-0004 Vehicular Traffic Bearing Waterproofing System System (UPI) (07 18 16) Note: Excludes deck crack repair, joint sealants or pavement markings. See CSI section 03 01 30 71-0068 for crack repairs, 32 17 23 00-0000 for pavement markings.		
07 18 16 00-0005 SF Vehicular Traffic Bearing Waterproofing System Complete (UPI UREADEK 6700-VT)..... Note: Includes primer (UI-7118), 32 mil base coat (UI-7013), 16 mil intermediate coat (UI-7016 AR), 16 mil top coat (UI-7016 AL), and non-slip texture finish. Excludes crack repair or caulking. For second coat 16 mil intermediate coat (UI-7016 AR), Add	10.09 1.91	
07 18 16 00-0006 Vehicular Traffic Coating (Sika) (07 18 16) Note: Excludes surface preparation, deck crack repair, joint sealants or pavement markings. See CSI section 03 01 30 71-0068 for crack repairs, 07 18 16 00-0001 for surface preparation, 32 17 23 00-0000 for pavement markings.		
07 18 16 00-0007 SF 23 Mil Thick, Traffic Coating, Two-Component, Elastomeric Polyurethane Waterproofing, Concrete Coating With Primer (Sika Sikalastic® 720)..... Note: Excludes crack repair or caulking.	3.84	
07 18 16 00-0008 SF 12 Mil Thick, Vehicular Traffic Bearing Two-Component Aliphatic, Elastomeric Polyurethane, Protective Concrete Coating (Sika Sikalastic®-745 AL)..... Note: Excludes crack repair or caulking.	2.35	
07 18 16 00-0009 SF 14 Mil Thick, Vehicular Traffic Bearing Two-Component Aliphatic, Elastomeric Polyurethane, Protective Concrete Coating (Sika Sikalastic®-745 AL)..... Note: Excludes crack repair or caulking.	2.50	
07 18 16 00-0010 SF 16 Mil Thick, Vehicular Traffic Bearing Two-Component Aliphatic, Elastomeric Polyurethane, Protective Concrete Coating (Sika Sikalastic®-745 AL)..... Note: Excludes crack repair or caulking.	2.66	
07 18 16 00-0011 SF 18 Mil Thick, Vehicular Traffic Bearing Two-Component Aliphatic, Elastomeric Polyurethane, Protective Concrete Coating (Sika Sikalastic®-745 AL)..... Note: Excludes crack repair or caulking.	2.80	
07 18 16 00-0012 SF 14 Mil Thick, Vehicular Traffic Bearing Two-Component Aliphatic, Elastomeric Polyurethane, Wear And Top Concrete Coating (Sika Sikalastic®-745 Textured)..... Note: Excludes crack repair or caulking.	2.72	
07 18 16 00-0013 SF 16 Mil Thick, Vehicular Traffic Bearing Two-Component Aliphatic, Elastomeric Polyurethane, Wear And Top Concrete Coating (Sika Sikalastic®-745 Textured)..... Note: Excludes crack repair or caulking.	2.95	
07 18 16 00-0014 SF 18 Mil Thick, Vehicular Traffic Bearing Two-Component Aliphatic, Elastomeric Polyurethane, Wear And Top Concrete Coating (Sika Sikalastic®-745 Textured)..... Note: Excludes crack repair or caulking.	3.20	

07 Thermal And Moisture Protection**07 10 Dampproofing and Waterproofing****07 18 Traffic Coatings**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

07 18 16 00-0015		Vehicular Traffic Bearing Waterproofing System System (Dex-O-Tex Auto-Dex V) (07 18 16) Note: Excludes surface preparaion, deck crack repair, joint sealants or pavement markings. See CSI section 03 01 30 71-0068 for crack repairs, 07 18 16 00-0001 for surface preparaion, 32 17 23 00-0000 for pavement markings.	
07 18 16 00-0016	SF	Vehicular Traffic Bearing Waterproofing System (Dex-O-Tex Auto-Dex V) Note: A. Troweled waterproof neoprene co-polymer composition vehicular traffic bearing waterproof surfacing system shall be Dex-O-Tex Auto-Dex V as manufactured by Crossfield Products Corp., in Rancho Dominguez, California and Roselle Park, New Jersey. B. The trowel applied waterproof neoprene co-polymer composition vehicular traffic bearing waterproof surfacing system shall be composed of a co-polymer bondcoat, neoprene waterproof membrane, and cementitious co-polymer traffic topping surfacing. 1.) All resin binders and all rubber emulsions shall be compounded with neoprene or polyacrylate co-polymer liquids and shall have a minimum polymer, neoprene, solids content of 35% when tested by the dry cup method. 2.) Aggregate for traffic surface coating shall be suitably graded, fine trap-rock passing a #20 mesh sieve and retained on a #40 mesh sieve. 3.) Fabric used as reinforcement for waterproof membrane shall be 7-1/2 oz. Woven polypropylene fabric.	14.41
07 18 16 00-0017		Traffic Coating Repair (Sika) (07 18 16) Note: Excludes surface preparaion, deck crack repair, joint sealants or pavement markings. See CSI section 03 01 30 71-0068 for crack repairs, 07 18 16 00-0001 for surface preparaion, 32 17 23 00-0000 for pavement markings.	
07 18 16 00-0018	SF	5 +/- 1 mils (Dry Film Thickness per Coat), Two Component, High Solids, Liquid Applied Primer (Sika Sikalastic® Recoat Primer)	0.92
07 18 16 00-0019	SF	Low-modulus, Low-viscosity, Epoxy Resin Primer (Sikadur® 21)	0.62
07 18 16 00-0020	SF	Up To 1/2" Thick, Low-modulus, Low-viscosity, Epoxy Resin Mortar Binder (Sikadur® 21)	1.41
07 18 16 00-0021	SF	Low-modulus, Fast-setting, Medium Viscosity, Urethane Modified, Epoxy Resin Primer (Sikadur® 22)	0.82
07 18 16 00-0022	SF	50 Mils, Low-modulus, Fast-setting, Medium Viscosity, Urethane Modified, Epoxy Resin Binder (Sikadur® 22)	1.51
07 18 16 00-0023	SF	Broadcast Sand Coating	0.25
07 18 16 00-0024	SF	Low-modulus, Fast-setting, Medium Viscosity, Urethane Modified, Epoxy Resin Top Coat (Sikadur® 22)	0.86
07 18 16 00-0025	SF	Low-modulus, Fast-setting, Medium Viscosity, Urethane Modified, Epoxy Resin Traffic Overlay (Sikadur® 22)	3.96
07 18 21		Traffic-Bearing Roof Deck Surfacing (07 18)	
07 18 21 00-0001		Decking Coating System (Polycoat POLY-I-GARD® 575FC) (07 18 21) Note: Excludes surface preparaion, deck crack repair or other joint sealants. See CSI section 07 18 16 00-0001 for surface preparaion.	
07 18 21 00-0002	SF	4 Dry Mils, Epoxy Primer For Deck Coating System (Polycoat Polyprime® 21)	1.28
07 18 21 00-0003	SF	24 ± 2 Dry Mils, Base For Deck Coating System (Polycoat PC-260)	3.69
07 18 21 00-0004	SF	18 ± 2 Dry Mils, Topcoat For Deck Coating System (Polycoat Poly-I-Gard® 295)	3.45
07 18 21 00-0005	SF	15 ± 2 Dry Mils, Topcoat For Deck Coating System (Polycoat Poly-I-Gard® 295)	3.06
		Note: Additional coat for ramps, turn radii, and other heavy traffic areas.	
07 18 21 00-0006		Weatherwear Roof Deck Coating System (Dex-O-Tex) (07 18 21)	
07 18 21 00-0007	SF	Dex-O-Tex Weatherwear Promenade Roof Deck System	37.25
		Note: Includes mobilize and set up. Install Dex-O-Tex Weatherwear Promenade Roof Deck System per manufacturer's specifications and waterproof at drain locations. (Supply and installation of drains by others). Final clean up and demobilize.	
07 18 21 00-0008	LF	Dex-O-Tex 26G Bonderized 4" x 8" flashing	16.76
		Note: supply and install 26G Bonderized 4" x 8" flashing at deck to wall transitions per plans and specifications. (Flashing per detail A.1/3.)	
07 18 21 00-0009	SF	Dex-O-Tex G-26 Underlayment at 3" Average for Sloping	43.66
		Note: Includes mobilize and set up. Install Dex-O-Tex G-26 Cementitious Underlayment for sloping at 3" average per A.1/B. Clean up.	
07 18 21 00-0010	SF	Mechanically Prepare Surface For Underlayment	3.23
		Note: Mechanically prepare surface to create bonding profile per manufacturer specifications.	
07 19		Water Repellents (07 10)	
07 19 13		Acrylic Sealer (07 19) Note: Per coat.	
07 19 13 00-0001	SF	Spray On Concrete, Acrylic Sealer	2.52
07 19 13 00-0002	SF	Spray On Concrete Block/Brick, Acrylic Sealer	3.00
07 19 13 00-0003	SF	Spray On Stone, Acrylic Sealer	3.29
07 19 16		Silane Water Repellents (07 19)	
07 19 16 00-0001		Silane Concrete Sealer (07 19 16)	
07 19 16 00-0002	SF	Spray On Concrete, Water Based, Silane Penetrating Water Repellent Sealer (Specchem SpecSilane 40 WB)	0.73
07 19 16 00-0003	SF	Spray On Concrete Block/Brick, Water Based, Silane Penetrating Water Repellent Sealer (Specchem SpecSilane 40 WB)	1.09
07 19 16 00-0004		Silane/Siloxane Concrete Sealer (07 19 16)	
07 19 16 00-0005	SF	Spray On Concrete, Solvent Based, Silane/Siloxane Concrete Penetrating Water Repellent Sealer (Anti-Hydro Aridox 40)	1.33
		Note: 40% silane, alcohol based.	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 19 16 00-0006	SF		Spray On Concrete Block/Brick, Solvent Based, Silane/Siloxane Penetrating Water Repellent Sealer (Anti-Hydro Aridox 40).....	1.95	
			Note: 40% silane, alcohol based.		
07 19 16 00-0007	SF		Spray On Concrete, Water-Based, Silane/Siloxane Penetrating Water Repellent Sealer (Prosoco Saltguard WB).....	0.52	
			Note: 200 SF/GAL		
07 19 16 00-0008	SF		Spray On Concrete Block/Masonry, Water-Based, Silane/Siloxane Penetrating Water Repellent Sealer (Prosoco Saltguard WB).....	0.76	

07 20 Thermal Protection (07)

07 21 Thermal Insulation (07 20)

07 21 13 Board Insulation (07 21)
Note: Types are stock sizes, mastic applied.

07 21 13 13 Foam Board Insulation (07 21 13)

07 21 13 13-0001 Cold Adhesive Applied Foam Board Insulation (07 21 13 13)

07 21 13 13-0002 Cold Adhesive Applied, Foam Glass (Cellular Glass), Foam Board Insulation (07 21 13 13-0001)

07 21 13 13-0003	SF	1" Thick, R3.44, Foam Glass (Cellular Glass), Foam Board Insulation, Cold Adhesive Applied.....	3.69	0.37
		For Horizontal Surface Application, Deduct	-0.06	
		For Vapor Barrier, Integral With Insulation, Add	0.05	
07 21 13 13-0004	SF	1-1/2" Thick, R5.16, Foam Glass (Cellular Glass), Foam Board Insulation, Cold Adhesive Applied.....	5.11	0.38
		For Horizontal Surface Application, Deduct	-0.06	
		For Vapor Barrier, Integral With Insulation, Add	0.05	
07 21 13 13-0005	SF	2" Thick, R6.88, Foam Glass (Cellular Glass), Foam Board Insulation, Cold Adhesive Applied.....	6.06	0.38
		For Horizontal Surface Application, Deduct	-0.06	
		For Vapor Barrier, Integral With Insulation, Add	0.05	
07 21 13 13-0006	SF	2-3/4" Thick, R8.17, Foam Glass (Cellular Glass), Foam Board Insulation, Cold Adhesive Applied.....	7.95	0.39
		For Horizontal Surface Application, Deduct	-0.07	
		For Vapor Barrier, Integral With Insulation, Add	0.05	

07 21 13 13-0007 Cold Adhesive Applied, Expanded Polystyrene, Foam Board Insulation (07 21 13 13-0001)

07 21 13 13-0008	SF	3/8" Thick, R1.44, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied.....	1.77	0.37
		For Horizontal Surface Application, Deduct	-0.06	
		For Vapor Barrier, Integral With Insulation, Add	0.05	
07 21 13 13-0009	SF	1/2" Thick, R1.93, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied.....	1.76	0.37
		For Horizontal Surface Application, Deduct	-0.06	
		For Vapor Barrier, Integral With Insulation, Add	0.05	
07 21 13 13-0010	SF	3/4" Thick, R2.89, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied.....	1.99	0.37
		For Horizontal Surface Application, Deduct	-0.06	
		For Vapor Barrier, Integral With Insulation, Add	0.05	
07 21 13 13-0011	SF	1" Thick, R3.85, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied.....	2.22	0.37
		For Horizontal Surface Application, Deduct	-0.06	
		For Vapor Barrier, Integral With Insulation, Add	0.05	
07 21 13 13-0012	SF	2" Thick, R7.70, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied.....	3.15	0.38
		For Horizontal Surface Application, Deduct	-0.06	
		For Vapor Barrier, Integral With Insulation, Add	0.05	
07 21 13 13-0013	SF	3" Thick, R11.55, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied.....	4.06	0.39
		For Horizontal Surface Application, Deduct	-0.07	
		For Vapor Barrier, Integral With Insulation, Add	0.05	
07 21 13 13-0014	SF	4" Thick, R15.40, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied.....	4.99	0.40
		For Horizontal Surface Application, Deduct	-0.07	
		For Vapor Barrier, Integral With Insulation, Add	0.05	
07 21 13 13-0015	SF	5" Thick, R19.25, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied.....	5.90	0.41
		For Horizontal Surface Application, Deduct	-0.07	
		For Vapor Barrier, Integral With Insulation, Add	0.05	
07 21 13 13-0016	SF	6" Thick, R23.1, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied.....	6.83	0.42
		For Horizontal Surface Application, Deduct	-0.07	
		For Vapor Barrier, Integral With Insulation, Add	0.05	

07 21 13 13-0017 Cold Adhesive Applied, Extruded Polystyrene, Foam Board Insulation (07 21 13 13-0001)

		Note: 15 PSI compressive strength.		
07 21 13 13-0018	SF	3/8" Thick, R1.9, Extruded Polystyrene, Foam Board Insulation, Cold Adhesive Applied.....	2.04	0.37
		For Horizontal Surface Application, Deduct	-0.06	
		For Vapor Barrier, Integral With Insulation, Add	0.05	
		For 25 PSI Compressive Strength, Add	0.23	
		For 40 PSI Compressive Strength, Add	0.54	
		For 60 PSI Compressive Strength, Add	0.86	
		For 115 PSI Compressive Strength, Add	3.74	
07 21 13 13-0019	SF	1/2" Thick, R2.5, Extruded Polystyrene, Foam Board Insulation, Cold Adhesive Applied.....	2.41	0.37
		For Horizontal Surface Application, Deduct	-0.06	
		For Vapor Barrier, Integral With Insulation, Add	0.05	
		For 25 PSI Compressive Strength, Add	0.29	
		For 40 PSI Compressive Strength, Add	0.68	
		For 60 PSI Compressive Strength, Add	1.07	
		For 115 PSI Compressive Strength, Add	4.69	

07 Thermal And Moisture Protection**07 20 Thermal Protection****07 21 Thermal Insulation**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 13 13-0020	SF	3/4" Thick, R3.7, Extruded Polystyrene, Foam Board Insulation, Cold Adhesive Applied.....	2.72	0.37	
		For Horizontal Surface Application, Deduct	-0.06		
		For Vapor Barrier, Integral With Insulation, Add	0.05		
		For 25 PSI Compressive Strength, Add	0.34		
		For 40 PSI Compressive Strength, Add	0.80		
		For 60 PSI Compressive Strength, Add	1.25		
		For 115 PSI Compressive Strength, Add	5.46		
07 21 13 13-0021	SF	1" Thick, R5.0, Extruded Polystyrene, Foam Board Insulation, Cold Adhesive Applied.....	2.55	0.37	
		For Horizontal Surface Application, Deduct	-0.06		
		For Vapor Barrier, Integral With Insulation, Add	0.05		
		For 25 PSI Compressive Strength, Add	0.31		
		For 40 PSI Compressive Strength, Add	0.73		
		For 60 PSI Compressive Strength, Add	1.15		
		For 115 PSI Compressive Strength, Add	5.02		
07 21 13 13-0022	SF	2" Thick, R10.0, Extruded Polystyrene, Foam Board Insulation, Cold Adhesive Applied.....	3.81	0.38	
		For Horizontal Surface Application, Deduct	-0.06		
		For Vapor Barrier, Integral With Insulation, Add	0.05		
		For 25 PSI Compressive Strength, Add	0.51		
		For 40 PSI Compressive Strength, Add	1.20		
		For 60 PSI Compressive Strength, Add	1.87		
		For 115 PSI Compressive Strength, Add	8.21		
07 21 13 13-0023	SF	3" Thick, R15.0, Extruded Polystyrene, Foam Board Insulation, Cold Adhesive Applied.....	5.06	0.39	
		For Horizontal Surface Application, Deduct	-0.07		
		For Vapor Barrier, Integral With Insulation, Add	0.05		
		For 25 PSI Compressive Strength, Add	0.71		
		For 40 PSI Compressive Strength, Add	1.68		
		For 60 PSI Compressive Strength, Add	2.59		
		For 115 PSI Compressive Strength, Add	11.40		
07 21 13 13-0024	SF	4" Thick, R20.0, Extruded Polystyrene, Foam Board Insulation, Cold Adhesive Applied.....	5.70	0.40	
		For Horizontal Surface Application, Deduct	-0.07		
		For Vapor Barrier, Integral With Insulation, Add	0.05		
		For 25 PSI Compressive Strength, Add	0.80		
		For 40 PSI Compressive Strength, Add	1.91		
		For 60 PSI Compressive Strength, Add	2.95		
		For 115 PSI Compressive Strength, Add	12.99		
07 21 13 13-0025		Mechanically Fastened Foam Board Insulation (07 21 13 13)			
		Note: Mechanically fastened to wood or steel.			
07 21 13 13-0026		Mechanically Fastened, Foam Glass (Cellular Glass), Foam Board Insulation (07 21 13 13-0025)			
		Note: Mechanically fastened to wood or steel.			
07 21 13 13-0027	SF	1" Thick, R3.44, Foam Glass (Cellular Glass), Foam Board Insulation, Mechanically Fastened.....	3.61	0.37	
		For Horizontal Surface Application, Deduct	-0.07		
		For Vapor Barrier, Integral With Insulation, Add	0.05		
		For Mechanically Fastened To Concrete, Add	1.53		
		For Mechanically Fastened To Gypsum, Add	2.04		
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.73		
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.10		
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.54		
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.09		
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.16		
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.81		
07 21 13 13-0028	SF	1-1/2" Thick, R5.16, Foam Glass (Cellular Glass), Foam Board Insulation, Mechanically Fastened.....	5.13	0.38	
		For Horizontal Surface Application, Deduct	-0.08		
		For Vapor Barrier, Integral With Insulation, Add	0.05		
		For Mechanically Fastened To Concrete, Add	1.58		
		For Mechanically Fastened To Gypsum, Add	1.98		
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.90		
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.17		
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.54		
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.35		
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.23		
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.81		
07 21 13 13-0029	SF	2" Thick, R6.88, Foam Glass (Cellular Glass), Foam Board Insulation, Mechanically Fastened.....	6.09	0.38	
		For Horizontal Surface Application, Deduct	-0.08		
		For Vapor Barrier, Integral With Insulation, Add	0.05		
		For Mechanically Fastened To Concrete, Add	1.58		
		For Mechanically Fastened To Gypsum, Add	1.98		
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.90		
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.17		
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.57		
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.35		
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.23		
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.86		
07 21 13 13-0030	SF	2-3/4" Thick, R8.17, Foam Glass (Cellular Glass), Foam Board Insulation, Mechanically Fastened.....	8.08	0.39	
		For Horizontal Surface Application, Deduct	-0.08		
		For Vapor Barrier, Integral With Insulation, Add	0.05		
		For Mechanically Fastened To Concrete, Add	1.62		
		For Mechanically Fastened To Gypsum, Add	2.06		
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.02		
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.30		
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.74		
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.54		
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.47		
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	4.12		



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 13 13-0031			Mechanically Fastened, Expanded Polystyrene, Foam Board Insulation (07 21 13 13-0025)		
07 21 13 13-0032	SF		3/8" Thick, R1.44, Molded Expanded Polystyrene, Foam Board Insulation (MEPS)	1.69	0.37
			For Horizontal Surface Application, Deduct	-0.07	
			For Vapor Barrier, Integral With Insulation, Add	0.05	
			For Mechanically Fastened To Concrete, Add	1.53	
			For Mechanically Fastened To Gypsum, Add	2.04	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.73	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.10	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.54	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.09	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.16	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.81	
07 21 13 13-0033	SF		1/2" Thick, R1.93, Molded Expanded Polystyrene, Foam Board Insulation (MEPS)	1.68	0.37
			For Horizontal Surface Application, Deduct	-0.07	
			For Vapor Barrier, Integral With Insulation, Add	0.05	
			For Mechanically Fastened To Concrete, Add	1.53	
			For Mechanically Fastened To Gypsum, Add	2.04	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.73	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.10	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.54	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.09	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.16	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.81	
07 21 13 13-0034	SF		3/4" Thick, R2.89, Molded Expanded Polystyrene, Foam Board Insulation (MEPS)	1.91	0.37
			For Horizontal Surface Application, Deduct	-0.07	
			For Vapor Barrier, Integral With Insulation, Add	0.05	
			For Mechanically Fastened To Concrete, Add	1.53	
			For Mechanically Fastened To Gypsum, Add	2.04	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.73	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.10	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.54	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.09	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.16	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.81	
07 21 13 13-0035	SF		1" Thick, R3.85, Molded Expanded Polystyrene, Foam Board Insulation (MEPS)	2.15	0.37
			For Horizontal Surface Application, Deduct	-0.07	
			For Vapor Barrier, Integral With Insulation, Add	0.05	
			For Mechanically Fastened To Concrete, Add	1.53	
			For Mechanically Fastened To Gypsum, Add	2.04	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.73	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.10	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.54	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.09	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.16	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.81	
07 21 13 13-0036	SF		2" Thick, R7.70, Molded Expanded Polystyrene, Foam Board Insulation (MEPS)	3.17	0.38
			For Horizontal Surface Application, Deduct	-0.08	
			For Vapor Barrier, Integral With Insulation, Add	0.05	
			For Mechanically Fastened To Concrete, Add	1.58	
			For Mechanically Fastened To Gypsum, Add	1.98	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.90	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.17	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.57	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.35	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.23	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.86	
07 21 13 13-0037	SF		3" Thick, R11.55, Molded Expanded Polystyrene, Foam Board Insulation (MEPS)	4.20	0.39
			For Horizontal Surface Application, Deduct	-0.08	
			For Vapor Barrier, Integral With Insulation, Add	0.05	
			For Mechanically Fastened To Concrete, Add	1.62	
			For Mechanically Fastened To Gypsum, Add	2.06	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.02	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.30	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.74	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.54	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.47	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	4.12	
07 21 13 13-0038	SF		4" Thick, R15.40, Molded Expanded Polystyrene, Foam Board Insulation (MEPS)	5.27	0.40
			For Horizontal Surface Application, Deduct	-0.08	
			For Vapor Barrier, Integral With Insulation, Add	0.05	
			For Mechanically Fastened To Concrete, Add	1.67	
			For Mechanically Fastened To Gypsum, Add	2.06	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.22	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.51	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.90	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.83	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.77	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	4.36	

07 Thermal And Moisture Protection**07 20 Thermal Protection****07 21 Thermal Insulation**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 13 13-0039	SF		5" Thick, R19.25, Molded Expanded Polystyrene, Foam Board Insulation (MEPS).....	6.38	0.41
			For Horizontal Surface Application, Deduct	-0.08	
			For Vapor Barrier, Integral With Insulation, Add	0.05	
			For Mechanically Fastened To Concrete, Add	1.71	
			For Mechanically Fastened To Gypsum, Add	2.41	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.45	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.74	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	3.05	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	7.84	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	4.12	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	4.59	
07 21 13 13-0040	SF		6" Thick, R23.1, Molded Expanded Polystyrene, Foam Board Insulation (MEPS).....	7.58	0.42
			For Horizontal Surface Application, Deduct	-0.09	
			For Vapor Barrier, Integral With Insulation, Add	0.05	
			For Mechanically Fastened To Concrete, Add	1.76	
			For Mechanically Fastened To Gypsum, Add	2.00	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.76	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	3.06	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	3.30	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	2.64	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	4.60	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	4.96	
07 21 13 13-0041			Mechanically Fastened, Extruded Polystyrene, Foam Board Insulation (07 21 13 13-0025)		
			Note: 15 PSI compressive strength. Mechanically fastened to wood or steel		
07 21 13 13-0042	SF		3/8" Thick, R1.9, Extruded Polystyrene, Foam Board Insulation, Mechanically Fastened.....	1.97	0.37
			For Horizontal Surface Application, Deduct	-0.07	
			For Vapor Barrier, Integral With Insulation, Add	0.05	
			For 25 PSI Compressive Strength, Add	0.20	
			For 40 PSI Compressive Strength, Add	0.47	
			For 60 PSI Compressive Strength, Add	0.76	
			For 115 PSI Compressive Strength, Add	3.26	
			For Mechanically Fastened To Concrete, Add	1.53	
			For Mechanically Fastened To Gypsum, Add	2.04	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.73	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.10	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.54	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.09	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.16	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.81	
07 21 13 13-0043	SF		1/2" Thick, R2.5, Extruded Polystyrene, Foam Board Insulation, Mechanically Fastened.....	2.34	0.37
			For Horizontal Surface Application, Deduct	-0.07	
			For Vapor Barrier, Integral With Insulation, Add	0.05	
			For 25 PSI Compressive Strength, Add	0.26	
			For 40 PSI Compressive Strength, Add	0.61	
			For 60 PSI Compressive Strength, Add	0.97	
			For 115 PSI Compressive Strength, Add	4.21	
			For Mechanically Fastened To Concrete, Add	1.53	
			For Mechanically Fastened To Gypsum, Add	2.04	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.73	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.10	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.54	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.09	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.16	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.81	
07 21 13 13-0044	SF		3/4" Thick, R3.7, Extruded Polystyrene, Foam Board Insulation, Mechanically Fastened.....	2.64	0.37
			For Horizontal Surface Application, Deduct	-0.07	
			For Vapor Barrier, Integral With Insulation, Add	0.05	
			For 25 PSI Compressive Strength, Add	0.31	
			For 40 PSI Compressive Strength, Add	0.73	
			For 60 PSI Compressive Strength, Add	1.14	
			For 115 PSI Compressive Strength, Add	4.98	
			For Mechanically Fastened To Concrete, Add	1.53	
			For Mechanically Fastened To Gypsum, Add	2.04	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.73	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.10	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.54	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.09	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.16	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.81	
07 21 13 13-0045	SF		1" Thick, R5.0, Extruded Polystyrene, Foam Board Insulation, Mechanically Fastened.....	2.48	0.37
			For Horizontal Surface Application, Deduct	-0.07	
			For Vapor Barrier, Integral With Insulation, Add	0.05	
			For 25 PSI Compressive Strength, Add	0.28	
			For 40 PSI Compressive Strength, Add	0.66	
			For 60 PSI Compressive Strength, Add	1.05	
			For 115 PSI Compressive Strength, Add	4.55	
			For Mechanically Fastened To Concrete, Add	1.53	
			For Mechanically Fastened To Gypsum, Add	2.04	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.73	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.10	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.54	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.09	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.16	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.81	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 13 13-0046	SF		2" Thick, R10.0, Extruded Polystyrene, Foam Board Insulation, Mechanically Fastened	3.84	0.38
			For Horizontal Surface Application, Deduct	-0.08	
			For Vapor Barrier, Integral With Insulation, Add	0.05	
			For 25 PSI Compressive Strength, Add	0.49	
			For 40 PSI Compressive Strength, Add	1.17	
			For 60 PSI Compressive Strength, Add	1.82	
			For 115 PSI Compressive Strength, Add	7.97	
			For Mechanically Fastened To Concrete, Add	1.58	
			For Mechanically Fastened To Gypsum, Add	1.98	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.90	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.17	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.57	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.35	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.23	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.86	
07 21 13 13-0047	SF		3" Thick, R15.0, Extruded Polystyrene, Foam Board Insulation, Mechanically Fastened	5.20	0.39
			For Horizontal Surface Application, Deduct	-0.08	
			For Vapor Barrier, Integral With Insulation, Add	0.05	
			For 25 PSI Compressive Strength, Add	0.70	
			For 40 PSI Compressive Strength, Add	1.67	
			For 60 PSI Compressive Strength, Add	2.59	
			For 115 PSI Compressive Strength, Add	11.39	
			For Mechanically Fastened To Concrete, Add	1.62	
			For Mechanically Fastened To Gypsum, Add	2.06	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.02	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.30	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.74	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.54	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.47	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	4.12	
07 21 13 13-0048	SF		4" Thick, R20.0, Extruded Polystyrene, Foam Board Insulation, Mechanically Fastened	5.98	0.40
			For Horizontal Surface Application, Deduct	-0.08	
			For Vapor Barrier, Integral With Insulation, Add	0.05	
			For 25 PSI Compressive Strength, Add	0.83	
			For 40 PSI Compressive Strength, Add	1.96	
			For 60 PSI Compressive Strength, Add	3.04	
			For 115 PSI Compressive Strength, Add	13.37	
			For Mechanically Fastened To Concrete, Add	1.67	
			For Mechanically Fastened To Gypsum, Add	2.06	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.22	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.51	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.90	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.83	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.77	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	4.36	
07 21 13 16			Fibrous Board Insulation (07 21 13)		
07 21 13 16-0001			Cold Adhesive Applied Fibrous Board Insulation (07 21 13 16)		
07 21 13 16-0002			Cold Adhesive Applied, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation (07 21 13 16-0001)		
07 21 13 16-0003	SF		1" Thick, R2.6, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation, Cold Adhesive Applied	2.41	0.47
			For Horizontal Surface Application, Deduct	-0.08	
			For Vapor Barrier, Integral With Insulation, Add	0.05	
			For Factory Painted On One Surface Add	0.17	
07 21 13 16-0004	SF		2" Thick, R5.2, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation, Cold Adhesive Applied	3.49	0.56
			For Horizontal Surface Application, Deduct	-0.09	
			For Vapor Barrier, Integral With Insulation, Add	0.05	
			For Factory Painted On One Surface Add	0.17	
07 21 13 16-0005	SF		3" Thick, R7.8, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation, Cold Adhesive Applied	4.58	0.65
			For Horizontal Surface Application, Deduct	-0.11	
			For Vapor Barrier, Integral With Insulation, Add	0.05	
			For Factory Painted On One Surface Add	0.17	
07 21 13 16-0006			Cold Adhesive Applied, Fiberglass, Fibrous Board Insulation (07 21 13 16-0001)		
07 21 13 16-0007	SF		1" Thick, R4.2, Fiberglass, Fibrous Board Insulation, Cold Adhesive Applied	4.23	0.37
			For Horizontal Surface Application, Deduct	-0.06	
			For Vapor Barrier, Integral With Insulation, Add	0.05	
			For Factory Painted On One Surface Add	0.17	
07 21 13 16-0008	SF		1-1/2" Thick, R6.0, Fiberglass, Fibrous Board Insulation, Cold Adhesive Applied	5.62	0.38
			For Horizontal Surface Application, Deduct	-0.06	
			For Vapor Barrier, Integral With Insulation, Add	0.05	
			For Factory Painted On One Surface Add	0.17	
07 21 13 16-0009	SF		2" Thick, R8.0, Fiberglass, Fibrous Board Insulation, Cold Adhesive Applied	6.96	0.38
			For Horizontal Surface Application, Deduct	-0.06	
			For Vapor Barrier, Integral With Insulation, Add	0.05	
			For Factory Painted On One Surface Add	0.17	
07 21 13 16-0010	SF		2-1/2" Thick, R10.0, Fiberglass, Fibrous Board Insulation, Cold Adhesive Applied	8.05	0.38
			For Horizontal Surface Application, Deduct	-0.06	
			For Vapor Barrier, Integral With Insulation, Add	0.05	
			For Factory Painted On One Surface Add	0.17	

07 Thermal And Moisture Protection**07 20 Thermal Protection****07 21 Thermal Insulation**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

07 21 13 16-0011	SF 3" Thick, R12.4, Fiberglass, Fibrous Board Insulation, Cold Adhesive Applied	9.13	0.39
	<i>For Horizontal Surface Application, Deduct</i>	-0.07	
	<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
	<i>For Factory Painted On One Surface Add</i>	0.17	

07 21 13 16-0012 Mechanically Fastened Fibrous Board Insulation (07 21 13 16)

Note: Mechanically fastened to wood or steel.

07 21 13 16-0013 Mechanically Fastened, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation (07 21 13 16-0012)

Note: Mechanically fastened to wood or steel.

07 21 13 16-0014	SF 1" Thick, R2.6, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation, Mechanically Fastened	2.22	0.47
	<i>For Horizontal Surface Application, Deduct</i>	-0.08	
	<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
	<i>For Factory Painted On One Surface Add</i>	0.17	
	<i>For Mechanically Fastened To Concrete, Add</i>	1.53	
	<i>For Mechanically Fastened To Gypsum, Add</i>	2.04	
	<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.73	
	<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.10	
	<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.54	
	<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.09	
	<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.16	
	<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.81	
07 21 13 16-0015	SF 2" Thick, R5.2, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation, Mechanically Fastened	3.39	0.56
	<i>For Horizontal Surface Application, Deduct</i>	-0.09	
	<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
	<i>For Factory Painted On One Surface Add</i>	0.17	
	<i>For Mechanically Fastened To Concrete, Add</i>	1.58	
	<i>For Mechanically Fastened To Gypsum, Add</i>	1.98	
	<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.90	
	<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.17	
	<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.57	
	<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.35	
	<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.23	
	<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.86	
07 21 13 16-0016	SF 3" Thick, R7.8, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation, Mechanically Fastened	4.57	0.65
	<i>For Horizontal Surface Application, Deduct</i>	-0.11	
	<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
	<i>For Factory Painted On One Surface Add</i>	0.17	
	<i>For Mechanically Fastened To Concrete, Add</i>	1.62	
	<i>For Mechanically Fastened To Gypsum, Add</i>	2.06	
	<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	1.02	
	<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.30	
	<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.74	
	<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.54	
	<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.47	
	<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	4.12	

07 21 13 16-0017 Mechanically Fastened, Fiberglass, Fibrous Board Insulation (07 21 13 16-0012)

Note: Mechanically fastened to wood or steel.

07 21 13 16-0018	SF 1" Thick, R4.2, Fiberglass, Fibrous Board Insulation, Mechanically Fastened	4.15	0.37
	<i>For Horizontal Surface Application, Deduct</i>	-0.07	
	<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
	<i>For Factory Painted On One Surface Add</i>	0.17	
	<i>For Mechanically Fastened To Concrete, Add</i>	1.53	
	<i>For Mechanically Fastened To Gypsum, Add</i>	2.04	
	<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.73	
	<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.10	
	<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.54	
	<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.09	
	<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.16	
	<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.81	
07 21 13 16-0019	SF 1-1/2" Thick, R6.0, Fiberglass, Fibrous Board Insulation, Mechanically Fastened	5.64	0.38
	<i>For Horizontal Surface Application, Deduct</i>	-0.08	
	<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
	<i>For Factory Painted On One Surface Add</i>	0.17	
	<i>For Mechanically Fastened To Concrete, Add</i>	1.58	
	<i>For Mechanically Fastened To Gypsum, Add</i>	1.98	
	<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.90	
	<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.17	
	<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.54	
	<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.35	
	<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.23	
	<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.81	



Thermal And Moisture Protection			07
Thermal Protection			07 20
Thermal Insulation			07 21

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST		UNIT COST
07 21 13 16-0020	SF 2" Thick, R8.0, Fiberglass, Fibrous Board Insulation, Mechanically Fastened..... For Horizontal Surface Application, Deduct For Vapor Barrier, Integral With Insulation, Add For Factory Painted On One Surface Add For Mechanically Fastened To Concrete, Add For Mechanically Fastened To Gypsum, Add For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	6.99		0.38
07 21 13 16-0021	SF 2-1/2" Thick, R10.0, Fiberglass, Fibrous Board Insulation, Mechanically Fastened For Horizontal Surface Application, Deduct For Vapor Barrier, Integral With Insulation, Add For Factory Painted On One Surface Add For Mechanically Fastened To Concrete, Add For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	8.19		0.38
07 21 13 16-0022	SF 3" Thick, R12.4, Fiberglass, Fibrous Board Insulation, Mechanically Fastened..... For Horizontal Surface Application, Deduct For Vapor Barrier, Integral With Insulation, Add For Factory Painted On One Surface Add For Mechanically Fastened To Concrete, Add For Mechanically Fastened To Gypsum, Add For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	9.27		0.39
07 21 13 19 Mineral Board Insulation (07 21 13)				
07 21 13 19-0001	Cold Adhesive Applied Mineral Board Insulation (07 21 13 19)			
07 21 13 19-0002	Cold Adhesive Applied, High-Density Fiberboard, Mineral Board Insulation (07 21 13 19-0001)			
07 21 13 19-0003	SF 1/2" Thick, R1.3, High-Density Fiberboard, Mineral Board Insulation, Cold Adhesive Applied For Horizontal Surface Application, Deduct For Vapor Barrier, Integral With Insulation, Add For Factory Painted On One Surface Add	1.85		0.42
07 21 13 19-0004	SF 25/32" Thick, R1.9, High-Density Fiberboard, Mineral Board Insulation, Cold Adhesive Applied For Horizontal Surface Application, Deduct For Vapor Barrier, Integral With Insulation, Add For Factory Painted On One Surface Add	2.18		0.44
07 21 13 19-0005	SF 1" Thick, R2.5, High-Density Fiberboard, Mineral Board Insulation, Cold Adhesive Applied For Horizontal Surface Application, Deduct For Vapor Barrier, Integral With Insulation, Add For Factory Painted On One Surface Add	2.53		0.47
07 21 13 19-0006	SF 1-1/2" Thick, R3.8, High-Density Fiberboard, Mineral Board Insulation, Cold Adhesive Applied For Horizontal Surface Application, Deduct For Vapor Barrier, Integral With Insulation, Add For Factory Painted On One Surface Add	3.11		0.51
07 21 13 19-0007	SF 2" Thick, R5.0, High-Density Fiberboard, Mineral Board Insulation, Cold Adhesive Applied For Horizontal Surface Application, Deduct For Vapor Barrier, Integral With Insulation, Add For Factory Painted On One Surface Add	3.71		0.56
07 21 13 19-0008	SF 3" Thick, R7.5, High-Density Fiberboard, Mineral Board Insulation, Cold Adhesive Applied For Horizontal Surface Application, Deduct For Vapor Barrier, Integral With Insulation, Add For Factory Painted On One Surface Add	4.91		0.65
07 21 13 19-0009	Mechanically Fastened Mineral Board Insulation (07 21 13 19) Note: Mechanically fastened to wood or steel.			
07 21 13 19-0010	Mechanically Fastened, High-Density Fiberboard, Mineral Board Insulation (07 21 13 19-0009) Note: Mechanically fastened to wood or steel.			
07 21 13 19-0011	SF 1/2" Thick, R1.3, High-Density Fiberboard, Mineral Board Insulation, Mechanically Fastened..... For Horizontal Surface Application, Deduct For Vapor Barrier, Integral With Insulation, Add For Factory Painted On One Surface Add For Mechanically Fastened To Concrete, Add For Mechanically Fastened To Gypsum, Add For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	1.66		0.42

07 Thermal And Moisture Protection**07 20 Thermal Protection****07 21 Thermal Insulation**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 13 19-0012 SF 25/32" Thick, R1.9, High-Density Fiberboard, Mineral Board Insulation, Mechanically Fastened.....	1.99	0.44
For Horizontal Surface Application, Deduct	-0.07	
For Vapor Barrier, Integral With Insulation, Add	0.05	
For Factory Painted On One Surface Add	0.17	
For Mechanically Fastened To Concrete, Add	1.53	
For Mechanically Fastened To Gypsum, Add	2.04	
For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.73	
For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.10	
For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.54	
For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.09	
For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.16	
For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.81	
07 21 13 19-0013 SF 1" Thick, R2.5, High-Density Fiberboard, Mineral Board Insulation, Mechanically Fastened.....	2.33	0.47
For Horizontal Surface Application, Deduct	-0.08	
For Vapor Barrier, Integral With Insulation, Add	0.05	
For Factory Painted On One Surface Add	0.17	
For Mechanically Fastened To Concrete, Add	1.53	
For Mechanically Fastened To Gypsum, Add	2.04	
For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.73	
For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.10	
For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.54	
For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.09	
For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.16	
For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.81	
07 21 13 19-0014 SF 1-1/2" Thick, R3.8, High-Density Fiberboard, Mineral Board Insulation, Mechanically Fastened.....	3.01	0.51
For Horizontal Surface Application, Deduct	-0.09	
For Vapor Barrier, Integral With Insulation, Add	0.05	
For Factory Painted On One Surface Add	0.17	
For Mechanically Fastened To Concrete, Add	1.58	
For Mechanically Fastened To Gypsum, Add	1.98	
For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.90	
For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.17	
For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.54	
For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.35	
For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.23	
For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.81	
07 21 13 19-0015 SF 2" Thick, R5.0, High-Density Fiberboard, Mineral Board Insulation, Mechanically Fastened.....	3.61	0.56
For Horizontal Surface Application, Deduct	-0.09	
For Vapor Barrier, Integral With Insulation, Add	0.05	
For Factory Painted On One Surface Add	0.17	
For Mechanically Fastened To Concrete, Add	1.58	
For Mechanically Fastened To Gypsum, Add	1.98	
For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.90	
For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.17	
For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.57	
For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.35	
For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.23	
For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.86	
07 21 13 19-0016 SF 3" Thick, R7.5, High-Density Fiberboard, Mineral Board Insulation, Mechanically Fastened.....	4.90	0.65
For Horizontal Surface Application, Deduct	-0.11	
For Vapor Barrier, Integral With Insulation, Add	0.05	
For Factory Painted On One Surface Add	0.17	
For Mechanically Fastened To Concrete, Add	1.62	
For Mechanically Fastened To Gypsum, Add	2.06	
For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.02	
For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.30	
For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.74	
For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.54	
For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.47	
For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	4.12	

07 21 16 Blanket Insulation (07 21)

Note: All insulation rolls or batts applied to wood or steel studs or between rafters or between metal building "skin" and framing.

07 21 16 00-0001 Fiberglass Flexible Insulation (07 21 16)

Note: Rolls or batts.

07 21 16 00-0002 Kraft Faced, Fiberglass Flexible Insulation (07 21 16 00-0001)

07 21 16 00-0003 SF 3-1/2" Thick, Kraft Faced, R-11 Fiberglass Flexible Insulation.....	1.41	0.43
For >1,600, Deduct	-0.16	
07 21 16 00-0004 SF 3-1/2" Thick, Kraft Faced, R-13 Fiberglass Flexible Insulation.....	1.52	0.43
For >1,600, Deduct	-0.18	
07 21 16 00-0005 SF 3-1/2" Thick, Kraft Faced, R-15 Fiberglass Flexible Insulation.....	1.56	0.43
For >1,600, Deduct	-0.19	
07 21 16 00-0006 SF 5-1/2" Thick, Kraft Faced, R-21 Fiberglass Flexible Insulation.....	2.09	0.43
For >1,600, Deduct	-0.29	
07 21 16 00-0007 SF 6-1/4" Thick, Kraft Faced, R-19 Fiberglass Flexible Insulation.....	1.77	0.43
For >1,600, Deduct	-0.22	
07 21 16 00-0008 SF 9-1/2" Thick, Kraft Faced, R-30 Fiberglass Flexible Insulation.....	2.47	0.53
For >1,600, Deduct	-0.34	
07 21 16 00-0009 SF 12" Thick, Kraft Faced, R-38 Fiberglass Flexible Insulation.....	2.80	0.53
For >1,600, Deduct	-0.38	

07 21 16 00-0010 Unfaced, Fiberglass Flexible Insulation (07 21 16 00-0001)



MINOR			TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
07 21 16 00-0011	SF	3-1/2" Thick, Unfaced, R-11 Fiberglass Flexible Insulation.....	1.33	0.43
		For >1,600, Deduct	-0.14	
07 21 16 00-0012	SF	3-1/2" Thick, Unfaced, R-13 Fiberglass Flexible Insulation.....	1.46	0.43
		For >1,600, Deduct	-0.17	
07 21 16 00-0013	SF	3-1/2" Thick, Unfaced, R-15 Fiberglass Flexible Insulation.....	1.96	0.43
		For >1,600, Deduct	-0.27	
07 21 16 00-0014	SF	5-1/2" Thick, Unfaced, R-21 Fiberglass Flexible Insulation.....	2.01	0.43
		For >1,600, Deduct	-0.27	
07 21 16 00-0015	SF	6-1/4" Thick, Unfaced, R-19 Fiberglass Flexible Insulation.....	1.72	0.43
		For >1,600, Deduct	-0.21	
07 21 16 00-0016	SF	9-1/2" Thick, Unfaced, R-30 Fiberglass Flexible Insulation.....	2.32	0.53
		For >1,600, Deduct	-0.31	
07 21 16 00-0017	SF	12" Thick, Unfaced, R-38 Fiberglass Flexible Insulation.....	2.71	0.53
		For >1,600, Deduct	-0.36	
07 21 16 00-0018		Foil Faced, Fiberglass Flexible Insulation (07 21 16 00-0001)		
07 21 16 00-0019	SF	3-1/2" Thick, Foil Faced, R-11 Fiberglass Flexible Insulation	1.62	0.43
		For >1,600, Deduct	-0.20	
07 21 16 00-0020	SF	3-1/2" Thick, Foil Faced, R-13 Fiberglass Flexible Insulation	1.81	0.43
		For >1,600, Deduct	-0.24	
07 21 16 00-0021	SF	6-1/4" Thick, Foil Faced, R-19 Fiberglass Flexible Insulation	2.04	0.43
		For >1,600, Deduct	-0.27	
07 21 16 00-0022	SF	10-1/4" Thick, Foil Faced, R-38 Fiberglass Flexible Insulation	2.88	0.53
		For >1,600, Deduct	-0.40	
07 21 16 00-0023	SF	12" Thick, Foil Faced, R-38 Fiberglass Flexible Insulation	3.16	0.53
		For >1,600, Deduct	-0.45	
07 21 16 00-0024		Poly-Encapsulated, Fiberglass Flexible Insulation (07 21 16 00-0001)		
07 21 16 00-0025	SF	3-1/2" Thick, Poly-Encapsulated, R-11 Fiberglass Flexible Insulation	1.45	0.43
		For >1,600, Deduct	-0.16	
07 21 16 00-0026	SF	3-1/2" Thick, Poly-Encapsulated, R-13 Fiberglass Flexible Insulation	1.56	0.43
		For >1,600, Deduct	-0.19	
07 21 16 00-0027	SF	5-1/2" Thick, Poly-Encapsulated, R-21 Fiberglass Flexible Insulation	2.16	0.43
		For >1,600, Deduct	-0.30	
07 21 16 00-0028	SF	6-1/2" Thick, Poly-Encapsulated, R-19 Fiberglass Flexible Insulation	1.79	0.43
		For >1,600, Deduct	-0.22	
07 21 16 00-0029	SF	8-1/4" Thick, Poly-Encapsulated, R-25 Fiberglass Flexible Insulation	2.40	0.53
		For >1,600, Deduct	-0.33	
07 21 16 00-0030	SF	10-1/4" Thick, Poly-Encapsulated, R-30 Fiberglass Flexible Insulation	2.71	0.53
		For >1,600, Deduct	-0.36	
07 21 16 00-0031		Mineral Wool Flexible Insulation (07 21 16)		
07 21 16 00-0032		Kraft Faced, Mineral Wool Flexible Insulation (07 21 16 00-0031)		
07 21 16 00-0033	SF	3-1/2" Kraft Faced, R-11 Mineral Wool Flexible Insulation.....	1.58	0.43
		For >1,600, Deduct	-0.19	
07 21 16 00-0034	SF	6-1/4" Kraft Faced, R-19 Mineral Wool Flexible Insulation.....	2.12	0.43
		For >1,600, Deduct	-0.29	
07 21 16 00-0035	SF	9-1/2" Kraft Faced, R-30 Mineral Wool Flexible Insulation.....	3.32	0.43
		For >1,600, Deduct	-0.51	
07 21 16 00-0036	SF	12" Kraft Faced, R-38 Mineral Wool Flexible Insulation.....	3.95	0.43
		For >1,600, Deduct	-0.61	
07 21 16 00-0037		Unfaced, Mineral Wool Flexible Insulation (07 21 16 00-0031)		
07 21 16 00-0038	SF	3-1/2" Unfaced, R-11 Mineral Wool Flexible Insulation.....	1.47	0.43
		For >1,600, Deduct	-0.17	
07 21 16 00-0039	SF	6-1/4" Unfaced, R-19 Mineral Wool Flexible Insulation.....	1.94	0.43
		For >1,600, Deduct	-0.25	
07 21 16 00-0040	SF	9-1/2" Unfaced, R-30 Mineral Wool Flexible Insulation.....	2.98	0.43
		For >1,600, Deduct	-0.44	
07 21 16 00-0041	SF	12" Unfaced, R-38 Mineral Wool Flexible Insulation.....	3.54	0.43
		For >1,600, Deduct	-0.53	
07 21 16 00-0042		Natural Cotton Insulation (07 21 16)		
07 21 16 00-0043		UltraTouch™ Natural Cotton Insulation (07 21 16 00-0042)		
		Note: 85% recycled denim cotton.		
07 21 16 00-0044	SF	3-1/2", R-13 UltraTouch™ Natural Cotton Insulation	2.17	0.43
		For >1,600, Deduct	-0.31	
07 21 16 00-0045	SF	5-1/2", R-19 UltraTouch™ Natural Cotton Insulation	2.43	0.43
		For >1,600, Deduct	-0.36	
07 21 16 00-0046	SF	5-1/2", R-21 UltraTouch™ Natural Cotton Insulation	2.72	0.43
		For >1,600, Deduct	-0.41	
07 21 16 00-0047	SF	8", R-30 UltraTouch™ Natural Cotton Insulation	3.63	0.43
		For >1,600, Deduct	-0.58	
07 21 19		Foamed-In-Place Insulation (07 21)		

07 Thermal And Moisture Protection**07 20 Thermal Protection****07 21 Thermal Insulation**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

07 21 19 00-0001	Polyurethane Foam Insulation, Sprayed On (07 21 19)	
07 21 19 00-0002	EA Foamed-In-Place, Spray Polyurethane Insulation Minimum Charge	1,385.25
	Note: For projects where the total foamed-in-place insulation charge is less than the minimum charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	
07 21 19 00-0003	SF 1" Thick, R3.8, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation	1.46
	For Up To 250 SF, Add	0.54
	For >250 To 500 SF, Add	0.27
	For >500 To 1,000 SF, Add	0.12
	For >5,000 To 10,000 SF, Deduct	-0.17
	For >10,000 SF, Deduct	-0.43
07 21 19 00-0004	SF 1-1/2" Thick, R5.7, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation	1.99
	For Up To 250 SF, Add	0.72
	For >250 To 500 SF, Add	0.36
	For >500 To 1,000 SF, Add	0.15
	For >5,000 To 10,000 SF, Deduct	-0.23
	For >10,000 SF, Deduct	-0.56
07 21 19 00-0005	SF 2" Thick, R7.6, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation	2.50
	For Up To 250 SF, Add	0.88
	For >250 To 500 SF, Add	0.44
	For >500 To 1,000 SF, Add	0.19
	For >5,000 To 10,000 SF, Deduct	-0.28
	For >10,000 SF, Deduct	-0.69
07 21 19 00-0006	SF 2-1/2" Thick, R9.5, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation	3.02
	For Up To 250 SF, Add	1.05
	For >250 To 500 SF, Add	0.52
	For >500 To 1,000 SF, Add	0.22
	For >5,000 To 10,000 SF, Deduct	-0.34
	For >10,000 SF, Deduct	-0.82
07 21 19 00-0007	SF 3" Thick, R11.4, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation	3.54
	For Up To 250 SF, Add	1.21
	For >250 To 500 SF, Add	0.61
	For >500 To 1,000 SF, Add	0.26
	For >5,000 To 10,000 SF, Deduct	-0.39
	For >10,000 SF, Deduct	-0.95
07 21 19 00-0008	SF 3-1/2" Thick, R13.3, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation	4.06
	For Up To 250 SF, Add	1.38
	For >250 To 500 SF, Add	0.69
	For >500 To 1,000 SF, Add	0.30
	For >5,000 To 10,000 SF, Deduct	-0.45
	For >10,000 SF, Deduct	-1.08
07 21 19 00-0009	SF 4" Thick, R15.2, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation	4.58
	For Up To 250 SF, Add	1.55
	For >250 To 500 SF, Add	0.77
	For >500 To 1,000 SF, Add	0.33
	For >5,000 To 10,000 SF, Deduct	-0.50
	For >10,000 SF, Deduct	-1.21
07 21 19 00-0010	SF 4-1/2" Thick, R17.1, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation	5.10
	For Up To 250 SF, Add	1.71
	For >250 To 500 SF, Add	0.86
	For >500 To 1,000 SF, Add	0.37
	For >5,000 To 10,000 SF, Deduct	-0.56
	For >10,000 SF, Deduct	-1.34
07 21 19 00-0011	SF 5" Thick, R19.0, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation	5.62
	For Up To 250 SF, Add	1.88
	For >250 To 500 SF, Add	0.94
	For >500 To 1,000 SF, Add	0.41
	For >5,000 To 10,000 SF, Deduct	-0.61
	For >10,000 SF, Deduct	-1.47
07 21 19 00-0012	SF 5-1/2" Thick, R20.9, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation	6.15
	For Up To 250 SF, Add	2.05
	For >250 To 500 SF, Add	1.03
	For >500 To 1,000 SF, Add	0.44
	For >5,000 To 10,000 SF, Deduct	-0.67
	For >10,000 SF, Deduct	-1.61
07 21 19 00-0013	SF 6" Thick, R22.8, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation	6.67
	For Up To 250 SF, Add	2.22
	For >250 To 500 SF, Add	1.11
	For >500 To 1,000 SF, Add	0.48
	For >5,000 To 10,000 SF, Deduct	-0.72
	For >10,000 SF, Deduct	-1.74
07 21 19 00-0014	SF 1" Thick, R6.5, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation	2.82
	For Up To 250 SF, Add	1.04
	For >250 To 500 SF, Add	0.52
	For >500 To 1,000 SF, Add	0.22
	For >5,000 To 10,000 SF, Deduct	-0.33
	For >10,000 SF, Deduct	-0.82
07 21 19 00-0015	SF 1-1/2" Thick, R9.75, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation	3.75
	For Up To 250 SF, Add	1.32
	For >250 To 500 SF, Add	0.66
	For >500 To 1,000 SF, Add	0.28
	For >5,000 To 10,000 SF, Deduct	-0.42
	For >10,000 SF, Deduct	-1.04



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 19 00-0016	SF	2" Thick, R13.0, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation	.....	4.58	
		For Up To 250 SF, Add	.....	1.55	
		For >250 To 500 SF, Add	.....	0.77	
		For >500 To 1,000 SF, Add	.....	0.33	
		For >5,000 To 10,000 SF, Deduct	.....	-0.50	
		For >10,000 SF, Deduct	.....	-1.21	
07 21 19 00-0017	SF	2-1/2" Thick, R16.25, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation	.....	5.51	
		For Up To 250 SF, Add	.....	1.83	
		For >250 To 500 SF, Add	.....	0.91	
		For >500 To 1,000 SF, Add	.....	0.40	
		For >5,000 To 10,000 SF, Deduct	.....	-0.59	
		For >10,000 SF, Deduct	.....	-1.43	
07 21 19 00-0018	SF	3" Thick, R19.5, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation	.....	6.34	
		For Up To 250 SF, Add	.....	2.05	
		For >250 To 500 SF, Add	.....	1.03	
		For >500 To 1,000 SF, Add	.....	0.45	
		For >5,000 To 10,000 SF, Deduct	.....	-0.67	
		For >10,000 SF, Deduct	.....	-1.61	
07 21 19 00-0019	SF	3-1/2" Thick, R22.75, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation	.....	7.29	
		For Up To 250 SF, Add	.....	2.34	
		For >250 To 500 SF, Add	.....	1.17	
		For >500 To 1,000 SF, Add	.....	0.51	
		For >5,000 To 10,000 SF, Deduct	.....	-0.77	
		For >10,000 SF, Deduct	.....	-1.83	
07 21 19 00-0020	SF	4" Thick, R26.0, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation	.....	8.11	
		For Up To 250 SF, Add	.....	2.57	
		For >250 To 500 SF, Add	.....	1.29	
		For >500 To 1,000 SF, Add	.....	0.56	
		For >5,000 To 10,000 SF, Deduct	.....	-0.85	
		For >10,000 SF, Deduct	.....	-2.01	
07 21 19 00-0021	SF	4-1/2" Thick, R29.25, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation	.....	9.04	
		For Up To 250 SF, Add	.....	2.85	
		For >250 To 500 SF, Add	.....	1.42	
		For >500 To 1,000 SF, Add	.....	0.63	
		For >5,000 To 10,000 SF, Deduct	.....	-0.94	
		For >10,000 SF, Deduct	.....	-2.22	
07 21 19 00-0022	SF	5" Thick, R32.5, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation	.....	9.87	
		For Up To 250 SF, Add	.....	3.08	
		For >250 To 500 SF, Add	.....	1.54	
		For >500 To 1,000 SF, Add	.....	0.68	
		For >5,000 To 10,000 SF, Deduct	.....	-1.02	
		For >10,000 SF, Deduct	.....	-2.40	
07 21 19 00-0023	SF	5-1/2" Thick, R35.75, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation	.....	10.80	
		For Up To 250 SF, Add	.....	3.36	
		For >250 To 500 SF, Add	.....	1.68	
		For >500 To 1,000 SF, Add	.....	0.74	
		For >5,000 To 10,000 SF, Deduct	.....	-1.11	
		For >10,000 SF, Deduct	.....	-2.62	
07 21 19 00-0024	SF	6" Thick, R39.0, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation	.....	11.63	
		For Up To 250 SF, Add	.....	3.59	
		For >250 To 500 SF, Add	.....	1.79	
		For >500 To 1,000 SF, Add	.....	0.79	
		For >5,000 To 10,000 SF, Deduct	.....	-1.19	
		For >10,000 SF, Deduct	.....	-2.79	
07 21 19 00-0025		Expanding Foam Insulation To Fill Hollow Metal Door Frames (07 21 19)			
07 21 19 00-0026	LF	Expanding Foam Insulation To Fill 4-3/4" Deep Hollow Metal Door Frame	.....	4.55	
07 21 19 00-0027	LF	Expanding Foam Insulation To Fill 5-3/4" Deep Hollow Metal Door Frame	.....	5.68	
07 21 19 00-0028	LF	Expanding Foam Insulation To Fill 6-3/4" Deep Hollow Metal Door Frame	.....	6.81	
07 21 19 00-0029	LF	Expanding Foam Insulation To Fill 8-3/4" Deep Hollow Metal Door Frame	.....	8.00	
07 21 19 00-0030	LF	Expanding Foam Insulation To Fill 8-7/8" Through 13" Deep Hollow Metal Door Frame	.....	9.27	
07 21 19 00-0031		Expanding Foam Insulation To Fill Window Frames (07 21 19)			
07 21 19 00-0032	LF	Expanding Foam Insulation To Fill Window Frame	.....	4.45	
07 21 23		Loose-Fill Insulation (07 21)			
07 21 23 00-0001		Poured Type, Loose Fill Insulation (07 21 23)			
07 21 23 00-0002	CF	R-4/Inch, Poured Type, Fiberglass Loose Fill Insulation	.....	6.34	2.48
07 21 23 00-0003	CF	R-3.8/Inch, Poured Type, Cellulose Loose Fill Insulation	.....	6.42	2.48
07 21 23 00-0004		Concrete Block Wall Cavity Insulation (07 21 23)			
07 21 23 00-0005	CF	R-2.7, Vermiculite Or Perlite, Concrete Block Wall Cavity Insulation	.....	9.08	2.48
07 21 23 00-0006	CF	R-4, Polystyrene Foam, Concrete Block Wall Cavity Insulation	.....	8.99	2.48
07 21 26		Blown Insulation (07 21)			
07 21 26 00-0001		Fiberglass Blown-In Insulation (07 21 26)			
07 21 26 00-0002		Attic, Fiberglass Blown-In Insulation (07 21 26 00-0001)			

07 Thermal And Moisture Protection**07 20 Thermal Protection****07 21 Thermal Insulation**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

07 21 26 00-0003	SF	4-1/2" Thick, R-11 Attic, Fiberglass Blown In Insulation.....	1.41	1.15
07 21 26 00-0004	SF	5-1/4" Thick, R-13 Attic, Fiberglass Blown In Insulation.....	1.57	1.26
07 21 26 00-0005	SF	6-1/2" Thick, R-17 Attic, Fiberglass Blown In Insulation.....	1.74	1.38
07 21 26 00-0006	SF	7-1/2" Thick, R-19 Attic, Fiberglass Blown In Insulation.....	1.95	1.50
07 21 26 00-0007	SF	8-1/2" Thick, R-22 Attic, Fiberglass Blown In Insulation.....	2.06	1.55
07 21 26 00-0008	SF	10-1/4" Thick, R-26 Attic, Fiberglass Blown In Insulation.....	2.22	1.61
07 21 26 00-0009	SF	11-1/2" Thick, R-30 Attic, Fiberglass Blown In Insulation.....	2.38	1.66
07 21 26 00-0010	SF	12-1/2" Thick, R-32 Attic, Fiberglass Blown In Insulation.....	2.51	1.73
07 21 26 00-0011	SF	13-1/2" Thick, R-35 Attic, Fiberglass Blown In Insulation.....	2.69	1.84
07 21 26 00-0012	SF	14-1/2" Thick, R-38 Attic, Fiberglass Blown In Insulation.....	2.83	1.90
07 21 26 00-0013	SF	16-1/2" Thick, R-44 Attic, Fiberglass Blown In Insulation.....	3.03	1.95
07 21 26 00-0014	SF	18-1/2" Thick, R-49 Attic, Fiberglass Blown In Insulation.....	3.29	2.07
07 21 26 00-0015	SF	21-3/4" Thick, R-60 Attic, Fiberglass Blown In Insulation.....	3.81	2.30

07 21 26 00-0016 New Wall, Fiberglass Blown-In Insulation (07 21 26 00-0001)

07 21 26 00-0017	SF	3-1/2" Thick, R-15 New Wall, Fiberglass Blown In Insulation	2.04	1.15
07 21 26 00-0018	SF	5-1/2" Thick, R-23 New Wall, Fiberglass Blown In Insulation	2.71	1.38
07 21 26 00-0019	SF	7-1/4" Thick, R-31 New Wall, Fiberglass Blown In Insulation	3.21	1.50
07 21 26 00-0020	SF	9-1/4" Thick, R-39 New Wall, Fiberglass Blown In Insulation	3.80	1.61

07 21 26 00-0021 Existing Wall, Fiberglass Blown-In Insulation (07 21 26 00-0001)

Note: Includes drilling. Excludes patching.

07 21 26 00-0022	SF	3-1/2" Thick, R-15 Existing Wall, Fiberglass Blown In Insulation	1.94	1.15
07 21 26 00-0023	SF	5-1/2" Thick, R-23 Existing Wall, Fiberglass Blown In Insulation	2.60	1.38
07 21 26 00-0024	SF	7-1/4" Thick, R-31 Existing Wall, Fiberglass Blown In Insulation	3.10	1.50
07 21 26 00-0025	SF	9-1/4" Thick, R-39 Existing Wall, Fiberglass Blown In Insulation	3.69	1.61

07 21 26 00-0026 Cellulose Blown-In Insulation (07 21 26)**07 21 26 00-0027 Attic, Cellulose Blown-In Insulation (07 21 26 00-0026)**

07 21 26 00-0028	SF	3-3/4" Thick, R-13 Attic, Cellulose Blown In Insulation	1.40	1.15
07 21 26 00-0029	SF	5-1/2" Thick, R-19 Attic, Cellulose Blown In Insulation	1.65	1.26
07 21 26 00-0030	SF	6-1/4" Thick, R-22 Attic, Cellulose Blown In Insulation	1.84	1.38
07 21 26 00-0031	SF	7-3/4" Thick, R-28 Attic, Cellulose Blown In Insulation	2.11	1.50
07 21 26 00-0032	SF	8-1/2" Thick, R-30 Attic, Cellulose Blown In Insulation	2.15	1.50
07 21 26 00-0033	SF	10-3/4" Thick, R-38 Attic, Cellulose Blown In Insulation	2.45	1.61
07 21 26 00-0034	SF	11-1/4" Thick, R-40 Attic, Cellulose Blown In Insulation	2.51	1.61
07 21 26 00-0035	SF	12-1/2" Thick, R-45 Attic, Cellulose Blown In Insulation	2.74	1.73
07 21 26 00-0036	SF	13-3/4" Thick, R-50 Attic, Cellulose Blown In Insulation	2.88	1.73
07 21 26 00-0037	SF	15-1/2" Thick, R-55 Attic, Cellulose Blown In Insulation	3.10	1.84
07 21 26 00-0038	SF	16-1/2" Thick, R-60 Attic, Cellulose Blown In Insulation	3.24	1.84

07 21 26 00-0039 New Wall, Cellulose Blown-In Insulation (07 21 26 00-0026)

07 21 26 00-0040	SF	3-1/2" Thick, R-13 New Wall, Cellulose Blown In Insulation	1.80	1.15
07 21 26 00-0041	SF	5-1/2" Thick, R-20 New Wall, Cellulose Blown In Insulation	2.34	1.38
07 21 26 00-0042	SF	7-1/4" Thick, R-27 New Wall, Cellulose Blown In Insulation	2.71	1.50
07 21 26 00-0043	SF	9-1/4" Thick, R-34 New Wall, Cellulose Blown In Insulation	3.15	1.61

07 21 26 00-0044 Existing Wall, Cellulose Blown-In Insulation (07 21 26 00-0026)

Note: Includes drilling. Excludes patching.

07 21 26 00-0045	SF	3-1/2" Thick, R-13 Existing Wall, Cellulose Blown In Insulation	1.69	1.15
07 21 26 00-0046	SF	5-1/2" Thick, R-20 Existing Wall, Cellulose Blown In Insulation	2.23	1.38
07 21 26 00-0047	SF	7-1/4" Thick, R-27 Existing Wall, Cellulose Blown In Insulation	2.60	1.50
07 21 26 00-0048	SF	9-1/4" Thick, R-34 Existing Wall, Cellulose Blown In Insulation	3.04	1.61

07 21 29 Sprayed Insulation (07 21)**07 21 29 00-0001 Fiber Sprayed On Insulation (07 21 29)**

Note: Per each 1" of thickness.

07 21 29 00-0002	SF	1" Thick, R2.7, Spray-on Perlite Insulation	2.45	0.71
07 21 29 00-0003	SF	1" Thick, R3.7, Spray-on Fibrous/Cementitious Insulation	1.80	0.71

07 21 29 00-0004 Cellulose Sprayed On Insulation (07 21 29)

07 21 29 00-0005	SF	1" Thick, Spray-on Cellulose Insulation	3.50	0.71

07 21 53 Reflective Insulation (07 21)**07 21 53 00-0001 Reflective Barrier Insulation (Foil - Single Bubble - Foil) (07 21 53)**

07 21 53 00-0002	SF	3/16" Nominal Thickness, Reflective Barrier Insulation, With Single Bubble Air Space	1.12	

07 21 53 00-0003 Reflective Radiant Foil Backed Paper (07 21 53)



Thermal And Moisture Protection			07
Thermal Protection			07 20
Thermal Insulation			07 21

07

MINOR CSI UOM DESCRIPTION		TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 53 00-0004	CSF Reflective Radiant Foil Backed Kraft Paper With Tape..... For >15' To 20' Installed Height, Add For >20' To 25' Installed Height, Add For >25' To 30' Installed Height, Add	70.35 4.57 6.85 11.42	22.89
07 22 Roof and Deck Insulation (07 20)			
07 22 16 Roof Board Insulation (07 22)			
Note: Use these items for specified related installations with systems per CSI section 07 50 00. Items are for single layer of panels attached per FM I-90 requirements. Types are stock sizes set in cold applied adhesive. Apply modifiers for specified alternate attachment.			
07 22 16 00-0001	Rigid Board Roofing Insulation (07 22 16) Note: Use these items for specified related installations with systems per CSI section 07 50 00. Items are for single layer of panels attached per FM I-90 requirements. See CSI section 07 22 16 00-0466 for demolition of insulation board.		
07 22 16 00-0002	Cold Adhesive Applied Rigid Board Roofing Insulation (07 22 16 00-0001)		
07 22 16 00-0003	Cold Adhesive Applied, High-Density Fiberboard, Roof Board Insulation (07 22 16 00-0002)		
07 22 16 00-0004	SF 1/2" Thick, R1.3, High-Density Fiberboard, Roof Board Insulation, Cold Adhesive Applied	2.38	
07 22 16 00-0005	SF 25/32" Thick, R1.9, High-Density Fiberboard, Roof Board Insulation, Cold Adhesive Applied	2.75	
07 22 16 00-0006	SF 1" Thick, R2.5, High-Density Fiberboard, Roof Board Insulation, Cold Adhesive Applied	3.12	
07 22 16 00-0007	SF 1-1/2" Thick, R3.8, High-Density Fiberboard, Roof Board Insulation, Cold Adhesive Applied	3.77	
07 22 16 00-0008	SF 2" Thick, R5, High-Density Fiberboard, Roof Board Insulation, Cold Adhesive Applied	4.42	
07 22 16 00-0009	Cold Adhesive Applied, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation (07 22 16 00-0002)		
07 22 16 00-0010	SF 1/2" Thick, R1.3, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation, Cold Adhesive Applied	2.69	
07 22 16 00-0011	SF 1" Thick, R2.6, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation, Cold Adhesive Applied	3.00	
07 22 16 00-0012	Cold Adhesive Applied, Perlite, Roof Board Insulation (07 22 16 00-0002)		
07 22 16 00-0013	SF 1/2" Thick, R1.32, Perlite, Roof Board Insulation, Cold Adhesive Applied	2.31	
07 22 16 00-0014	SF 1/2" Thick, R1.32, Perlite, Roof Board Insulation, Cold Adhesive Applied	2.31	
07 22 16 00-0015	SF 3/4" Thick, R2.08, Perlite, Roof Board Insulation, Cold Adhesive Applied	2.53	
07 22 16 00-0016	SF 1" Thick, R2.78, Perlite, Roof Board Insulation, Cold Adhesive Applied	2.78	
07 22 16 00-0017	SF 1-1/2" Thick, R4.17, Perlite, Roof Board Insulation, Cold Adhesive Applied	3.40	
07 22 16 00-0018	SF 2" Thick, R5.56, Perlite, Roof Board Insulation, Cold Adhesive Applied	3.79	
07 22 16 00-0019	Cold Adhesive Applied, Basalt Mineral Wool, Roof Board Insulation (07 22 16 00-0002)		
07 22 16 00-0020	SF 1" Thick, R3.5, Basalt Mineral Wool, Roof Board Insulation, Cold Adhesive Applied	3.12	
07 22 16 00-0021	SF 2" Thick, R7.4, Basalt Mineral Wool, Roof Board Insulation, Cold Adhesive Applied	4.10	
07 22 16 00-0022	SF 3" Thick, R11.1, Basalt Mineral Wool, Roof Board Insulation, Cold Adhesive Applied	5.27	
07 22 16 00-0023	Cold Adhesive Applied, Foam Glass (Cellular Glass), Roof Board Insulation (07 22 16 00-0002)		
07 22 16 00-0024	SF 1-1/2" Thick, R5.16, Foam Glass (Cellular Glass), Roof Board Insulation, Cold Adhesive Applied	5.59	
07 22 16 00-0025	SF 2" Thick, R6.88, Foam Glass (Cellular Glass), Roof Board Insulation, Cold Adhesive Applied	6.54	
07 22 16 00-0026	SF 2-3/4" Thick, R8.17, Foam Glass (Cellular Glass), Roof Board Insulation, Cold Adhesive Applied	8.45	
07 22 16 00-0027	SF 3-1/2" Thick, R12.04, Foam Glass (Cellular Glass), Roof Board Insulation, Cold Adhesive Applied	12.63	
07 22 16 00-0028	Cold Adhesive Applied, Molded Expanded Polystyrene, Roof Board Insulation (07 22 16 00-0002)		
07 22 16 00-0029	SF 3/8" Thick, R1.44, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied	2.19	
	For Loose-Laid, Deduct	-1.20	
07 22 16 00-0030	SF 1/2" Thick, R1.93, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied	2.18	
	For Loose-Laid, Deduct	-1.20	
07 22 16 00-0031	SF 3/4" Thick, R2.89, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied	2.41	
	For Loose-Laid, Deduct	-1.20	
07 22 16 00-0032	SF 1" Thick, R3.85, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied	2.64	
	For Loose-Laid, Deduct	-1.20	
07 22 16 00-0033	SF 2" Thick, R7.70, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied	3.58	
	For Loose-Laid, Deduct	-1.22	
07 22 16 00-0034	SF 3" Thick, R11.55, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied	4.51	
	For Loose-Laid, Deduct	-1.23	
07 22 16 00-0035	SF 4" Thick, R15.40, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied	5.44	
	For Loose-Laid, Deduct	-1.24	
07 22 16 00-0036	SF 5" Thick, R19.25, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied	6.37	
	For Loose-Laid, Deduct	-1.26	
07 22 16 00-0037	SF 6" Thick, R23.1, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied	7.30	
	For Loose-Laid, Deduct	-1.27	
07 22 16 00-0038	Cold Adhesive Applied, Extruded Polystyrene, Roof Board Insulation (07 22 16 00-0002) Note: 15 PSI compressive strength.		

07 Thermal And Moisture Protection**07 20 Thermal Protection****07 22 Roof and Deck Insulation**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0039	SF	3/4" Thick, R3.7, Extruded Polystyrene, Roof Board Insulation, Cold Adhesive Applied	.....	3.19	
		<i>For Loose-Laid, Deduct</i>	.....	-1.23	
		<i>For 25 PSI Compressive Strength, Add</i>	.....	0.34	
		<i>For 40 PSI Compressive Strength, Add</i>	.....	0.80	
		<i>For 60 PSI Compressive Strength, Add</i>	.....	1.27	
		<i>For 115 PSI Compressive Strength, Add</i>	.....	5.51	
07 22 16 00-0040	SF	1" Thick, R5.0, Extruded Polystyrene, Roof Board Insulation, Cold Adhesive Applied	.....	3.03	
		<i>For Loose-Laid, Deduct</i>	.....	-1.23	
		<i>For 25 PSI Compressive Strength, Add</i>	.....	0.31	
		<i>For 40 PSI Compressive Strength, Add</i>	.....	0.73	
		<i>For 60 PSI Compressive Strength, Add</i>	.....	1.17	
		<i>For 115 PSI Compressive Strength, Add</i>	.....	5.07	
07 22 16 00-0041	SF	1-1/2" Thick, R7.5, Extruded Polystyrene, Roof Board Insulation, Cold Adhesive Applied	.....	4.15	
		<i>For Loose-Laid, Deduct</i>	.....	-1.23	
		<i>For 25 PSI Compressive Strength, Add</i>	.....	0.49	
		<i>For 40 PSI Compressive Strength, Add</i>	.....	1.16	
		<i>For 60 PSI Compressive Strength, Add</i>	.....	1.82	
		<i>For 100 PSI Compressive Strength, Add</i>	.....	2.34	
		<i>For 115 PSI Compressive Strength, Add</i>	.....	7.95	
07 22 16 00-0042	SF	2" Thick, R10.0, Extruded Polystyrene, Roof Board Insulation, Cold Adhesive Applied	.....	4.29	
		<i>For Loose-Laid, Deduct</i>	.....	-1.24	
		<i>For 25 PSI Compressive Strength, Add</i>	.....	0.51	
		<i>For 40 PSI Compressive Strength, Add</i>	.....	1.20	
		<i>For 60 PSI Compressive Strength, Add</i>	.....	1.89	
		<i>For 115 PSI Compressive Strength, Add</i>	.....	8.26	
07 22 16 00-0043	SF	2-1/2" Thick, R12.5, Extruded Polystyrene, Roof Board Insulation, Cold Adhesive Applied	.....	5.73	
		<i>For Loose-Laid, Deduct</i>	.....	-1.24	
		<i>For 25 PSI Compressive Strength, Add</i>	.....	0.74	
		<i>For 40 PSI Compressive Strength, Add</i>	.....	1.75	
		<i>For 60 PSI Compressive Strength, Add</i>	.....	2.73	
		<i>For 100 PSI Compressive Strength, Add</i>	.....	3.51	
		<i>For 115 PSI Compressive Strength, Add</i>	.....	11.96	
07 22 16 00-0044	SF	3" Thick, R15.0, Extruded Polystyrene, Roof Board Insulation, Cold Adhesive Applied	.....	5.56	
		<i>For Loose-Laid, Deduct</i>	.....	-1.26	
		<i>For 25 PSI Compressive Strength, Add</i>	.....	0.71	
		<i>For 40 PSI Compressive Strength, Add</i>	.....	1.68	
		<i>For 60 PSI Compressive Strength, Add</i>	.....	2.62	
		<i>For 115 PSI Compressive Strength, Add</i>	.....	11.45	
07 22 16 00-0045	SF	4" Thick, R20.0, Extruded Polystyrene, Roof Board Insulation, Cold Adhesive Applied	.....	6.21	
		<i>For Loose-Laid, Deduct</i>	.....	-1.27	
		<i>For 25 PSI Compressive Strength, Add</i>	.....	0.80	
		<i>For 40 PSI Compressive Strength, Add</i>	.....	1.91	
		<i>For 60 PSI Compressive Strength, Add</i>	.....	2.98	
		<i>For 115 PSI Compressive Strength, Add</i>	.....	13.05	
07 22 16 00-0046		Cold Adhesive Applied, Polyisocyanurate Board Roofing Insulation (07 22 16 00-0002)			
07 22 16 00-0047	SF	3/4" Thick, R4.3, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied	.....	2.85	
		<i>For Loose-Laid, Deduct</i>	.....	-1.23	
		<i>For Foil Facer, Add</i>	.....	0.36	
		<i>For 25 PSI Compressive Strength, Add</i>	.....	0.18	
07 22 16 00-0048	SF	1" Thick, R5.7, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied	.....	2.97	
		<i>For Loose-Laid, Deduct</i>	.....	-1.23	
		<i>For Foil Facer, Add</i>	.....	0.36	
		<i>For 25 PSI Compressive Strength, Add</i>	.....	0.19	
07 22 16 00-0049	SF	1-1/2" Thick, R8.6, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied	.....	3.14	
		<i>For Loose-Laid, Deduct</i>	.....	-1.24	
		<i>For Foil Facer, Add</i>	.....	0.36	
		<i>For 25 PSI Compressive Strength, Add</i>	.....	0.20	
07 22 16 00-0050	SF	2" Thick, R11.4, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied	.....	3.59	
		<i>For Loose-Laid, Deduct</i>	.....	-1.24	
		<i>For Foil Facer, Add</i>	.....	0.36	
		<i>For 25 PSI Compressive Strength, Add</i>	.....	0.25	
07 22 16 00-0051	SF	2-1/2" Thick, R14.4, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied	.....	4.05	
		<i>For Loose-Laid, Deduct</i>	.....	-1.25	
		<i>For Foil Facer, Add</i>	.....	0.36	
		<i>For 25 PSI Compressive Strength, Add</i>	.....	0.29	
07 22 16 00-0052	SF	3" Thick, R17.4, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied	.....	4.51	
		<i>For Loose-Laid, Deduct</i>	.....	-1.26	
		<i>For Foil Facer, Add</i>	.....	0.36	
		<i>For 25 PSI Compressive Strength, Add</i>	.....	0.34	
07 22 16 00-0053	SF	3-1/2" Thick, R20.5, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied	.....	5.00	
		<i>For Loose-Laid, Deduct</i>	.....	-1.26	
		<i>For Foil Facer, Add</i>	.....	0.36	
		<i>For 25 PSI Compressive Strength, Add</i>	.....	0.38	
07 22 16 00-0054	SF	4" Thick, R23.6, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied	.....	5.45	
		<i>For Loose-Laid, Deduct</i>	.....	-1.27	
		<i>For Foil Facer, Add</i>	.....	0.36	
		<i>For 25 PSI Compressive Strength, Add</i>	.....	0.43	
07 22 16 00-0055		Cold Adhesive Applied, High-Density Polyisocyanurate Cover Board And Roofing Insulation (07 22 16 00-0002)			
07 22 16 00-0056	SF	1/2" Thick, R2.5, High-Density Polyisocyanurate Cover Board And Roofing Insulation, Cold Adhesive Applied	.....	3.23	



Thermal And Moisture Protection			07
Thermal Protection			07 20
Roof and Deck Insulation			07 22

07

MINOR		TOTAL DIRECT		DEMOLITION
CSI UOM DESCRIPTION		UNIT COST		UNIT COST
07 22 16 00-0057	Cold Adhesive Applied, Gypsum-Fiber, Roof Board Insulation (USG Securock) (07 22 16 00-0002)			
07 22 16 00-0058	SF	1/4" Thick, R0.2, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Cold Adhesive Applied	3.05	
07 22 16 00-0059	SF	3/8" Thick, R0.3, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Cold Adhesive Applied	3.24	
07 22 16 00-0060	SF	1/2" Thick, R0.5, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Cold Adhesive Applied	3.37	
07 22 16 00-0061	SF	5/8" Thick, R0.6, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Cold Adhesive Applied	3.43	
07 22 16 00-0062	Cold Adhesive Applied, Glass-Mat, Roof Board Insulation (USG Securock) (07 22 16 00-0002)			
07 22 16 00-0063	SF	1/4" Thick, R0.36, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Cold Adhesive Applied	2.99	
07 22 16 00-0064	SF	1/2" Thick, R0.53, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Cold Adhesive Applied	3.27	
07 22 16 00-0065	SF	5/8" Thick, R0.54, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Cold Adhesive Applied	3.34	
07 22 16 00-0066	Cold Adhesive Applied, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation (07 22 16 00-0002) Note: Includes a polyisocyanurate foam core bonded to a 7/16" oriented strand board (OSB) facer.			
07 22 16 00-0067	SF	1.5" Thick, R6.2, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Cold Adhesive Applied	5.21	
07 22 16 00-0068	SF	2" Thick, R9.1, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Cold Adhesive Applied	5.47	
07 22 16 00-0069	SF	2.5" Thick, R12.0, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Cold Adhesive Applied	5.83	
07 22 16 00-0070	SF	3" Thick, R15.0, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Cold Adhesive Applied	6.06	
07 22 16 00-0071	SF	3.5" Thick, R18.0, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Cold Adhesive Applied	6.58	
07 22 16 00-0072	SF	4" Thick, R21.1, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Cold Adhesive Applied	6.81	
07 22 16 00-0073	SF	4.5" Thick, R24.2, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Cold Adhesive Applied	7.15	
07 22 16 00-0074	Cold Adhesive Applied, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation (07 22 16 00-0002) Note: Includes a polyisocyanurate foam core bonded to a 7/16" oriented strand board (OSB) facer.			
07 22 16 00-0075	SF	2.5" Thick, R5.7, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Cold Adhesive Applied	5.26	
07 22 16 00-0076	SF	3" Thick, R8.6, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Cold Adhesive Applied	5.72	
07 22 16 00-0077	SF	3.5" Thick, R11.4, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Cold Adhesive Applied	6.28	
07 22 16 00-0078	SF	4" Thick, R14.4, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Cold Adhesive Applied	6.65	
07 22 16 00-0079	SF	4.5" Thick, R17.4, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Cold Adhesive Applied	7.11	
07 22 16 00-0080	SF	5" Thick, R20.5, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Cold Adhesive Applied	7.61	
07 22 16 00-0081	SF	5.5" Thick, R23.6, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Cold Adhesive Applied	8.51	
07 22 16 00-0082	Hot-Mopped Rigid Board Roofing Insulation (07 22 16 00-0001)			
07 22 16 00-0083	Hot-Mopped, High-Density Fiberboard, Roof Board Insulation (07 22 16 00-0082)			
07 22 16 00-0084	SF	1/2" Thick, R1.3, High-Density Fiberboard, Roof Board Insulation, Hot-Mopped	2.11	
07 22 16 00-0085	SF	25/32" Thick, R1.9, High-Density Fiberboard, Roof Board Insulation, Hot-Mopped	2.47	
07 22 16 00-0086	SF	1" Thick, R2.5, High-Density Fiberboard, Roof Board Insulation, Hot-Mopped	2.84	
07 22 16 00-0087	SF	1-1/2" Thick, R3.8, High-Density Fiberboard, Roof Board Insulation, Hot-Mopped	3.51	
07 22 16 00-0088	SF	2" Thick, R5, High-Density Fiberboard, Roof Board Insulation, Hot-Mopped	4.18	
07 22 16 00-0089	Hot-Mopped, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation (07 22 16 00-0082)			
07 22 16 00-0090	SF	1/2" Thick, R1.3, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation, Hot-Mopped	2.41	
07 22 16 00-0091	SF	1" Thick, R2.6, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation, Hot-Mopped	2.73	
07 22 16 00-0092	Hot-Mopped, Perlite, Roof Board Insulation (07 22 16 00-0082)			
07 22 16 00-0093	SF	1/2" Thick, R1.32, Perlite, Roof Board Insulation, Hot-Mopped	2.01	
07 22 16 00-0094	SF	3/4" Thick, R2.08, Perlite, Roof Board Insulation, Hot-Mopped	2.21	
07 22 16 00-0095	SF	1" Thick, R2.78, Perlite, Roof Board Insulation, Hot-Mopped	2.48	
07 22 16 00-0096	SF	1-1/2" Thick, R4.17, Perlite, Roof Board Insulation, Hot-Mopped	3.10	
07 22 16 00-0097	SF	2" Thick, R5.56, Perlite, Roof Board Insulation, Hot-Mopped	3.49	
07 22 16 00-0098	Hot-Mopped, Basalt Mineral Wool, Roof Board Insulation (07 22 16 00-0082)			
07 22 16 00-0099	SF	1" Thick, R3.5, Basalt Mineral Wool, Roof Board Insulation, Hot-Mopped	2.82	
07 22 16 00-0100	SF	2" Thick, R7.4, Basalt Mineral Wool, Roof Board Insulation, Hot-Mopped	3.80	
07 22 16 00-0101	SF	3" Thick, R11.1, Basalt Mineral Wool, Roof Board Insulation, Hot-Mopped	4.99	

07 Thermal And Moisture Protection**07 20 Thermal Protection****07 22 Roof and Deck Insulation**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

07 22 16 00-0102	Hot-Mopped, Foam Glass (Cellular Glass), Roof Board Insulation (07 22 16 00-0082)	
07 22 16 00-0103	SF 1-1/2" Thick, R5.16, Foam Glass (Cellular Glass), Roof Board Insulation, Hot-Mopped	5.28
07 22 16 00-0104	SF 2" Thick, R6.88, Foam Glass (Cellular Glass), Roof Board Insulation, Hot-Mopped	6.24
07 22 16 00-0105	SF 2-3/4" Thick, R8.17, Foam Glass (Cellular Glass), Roof Board Insulation, Hot-Mopped	8.17
07 22 16 00-0106	SF 3-1/2" Thick, R12.04, Foam Glass (Cellular Glass), Roof Board Insulation, Hot-Mopped	12.35
07 22 16 00-0107	Hot-Mopped, Molded Expanded Polystyrene, Roof Board Insulation (07 22 16 00-0082)	
07 22 16 00-0108	SF 3/8" Thick, R1.44, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped	1.89
07 22 16 00-0109	SF 1/2" Thick, R1.93, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped	1.88
07 22 16 00-0110	SF 3/4" Thick, R2.89, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped	2.00
07 22 16 00-0111	SF 1" Thick, R3.85, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped	2.33
07 22 16 00-0112	SF 2" Thick, R7.70, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped	3.26
07 22 16 00-0113	SF 3" Thick, R11.55, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped	4.21
07 22 16 00-0114	SF 4" Thick, R15.40, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped	5.13
07 22 16 00-0115	SF 5" Thick, R19.25, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped	6.08
07 22 16 00-0116	SF 6" Thick, R23.1, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped	7.01
07 22 16 00-0117	Hot-Mopped, Extruded Polystyrene, Roof Board Insulation (07 22 16 00-0082)	
	Note: 15 PSI compressive strength.	
07 22 16 00-0118	SF 3/4" Thick, R3.7, Extruded Polystyrene, Roof Board Insulation, Hot-Mopped	2.88
	For 25 PSI Compressive Strength, Add	0.27
	For 40 PSI Compressive Strength, Add	0.64
	For 60 PSI Compressive Strength, Add	1.04
	For 115 PSI Compressive Strength, Add	4.46
07 22 16 00-0119	SF 1" Thick, R5.0, Extruded Polystyrene, Roof Board Insulation, Hot-Mopped	2.73
	For 25 PSI Compressive Strength, Add	0.24
	For 40 PSI Compressive Strength, Add	0.58
	For 60 PSI Compressive Strength, Add	0.94
	For 115 PSI Compressive Strength, Add	4.03
07 22 16 00-0120	SF 1-1/2" Thick, R7.5, Extruded Polystyrene, Roof Board Insulation, Hot-Mopped	3.85
	For 25 PSI Compressive Strength, Add	0.42
	For 40 PSI Compressive Strength, Add	1.00
	For 60 PSI Compressive Strength, Add	1.59
	For 100 PSI Compressive Strength, Add	2.04
	For 115 PSI Compressive Strength, Add	6.91
07 22 16 00-0121	SF 2" Thick, R10.0, Extruded Polystyrene, Roof Board Insulation, Hot-Mopped	4.13
	For 25 PSI Compressive Strength, Add	0.44
	For 40 PSI Compressive Strength, Add	1.05
	For 60 PSI Compressive Strength, Add	1.67
	For 115 PSI Compressive Strength, Add	7.23
07 22 16 00-0122	SF 2-1/2" Thick, R12.5, Extruded Polystyrene, Roof Board Insulation, Hot-Mopped	16.56
	For 25 PSI Compressive Strength, Add	0.67
	For 40 PSI Compressive Strength, Add	1.60
	For 60 PSI Compressive Strength, Add	3.05
	For 100 PSI Compressive Strength, Add	3.77
	For 115 PSI Compressive Strength, Add	12.03
07 22 16 00-0123	SF 3" Thick, R15.0, Extruded Polystyrene, Roof Board Insulation, Hot-Mopped	5.28
	For 25 PSI Compressive Strength, Add	0.64
	For 40 PSI Compressive Strength, Add	1.52
	For 60 PSI Compressive Strength, Add	2.38
	For 115 PSI Compressive Strength, Add	10.41
07 22 16 00-0124	SF 4" Thick, R20.0, Extruded Polystyrene, Roof Board Insulation, Hot-Mopped	5.92
	For 25 PSI Compressive Strength, Add	0.74
	For 40 PSI Compressive Strength, Add	1.76
	For 60 PSI Compressive Strength, Add	2.74
	For 115 PSI Compressive Strength, Add	12.00
07 22 16 00-0125	Hot-Mopped, Polyisocyanurate Board Roofing Insulation (07 22 16 00-0082)	
07 22 16 00-0126	SF 3/4" Thick, R4.3, Polyisocyanurate, Roof Board Insulation, Hot-Mopped	2.55
	For Foil Facer, Add	0.36
	For 25 PSI Compressive Strength, Add	0.14
07 22 16 00-0127	SF 1" Thick, R5.7, Polyisocyanurate, Roof Board Insulation, Hot-Mopped	2.67
	For Foil Facer, Add	0.36
	For 25 PSI Compressive Strength, Add	0.15
07 22 16 00-0128	SF 1-1/2" Thick, R8.6, Polyisocyanurate, Roof Board Insulation, Hot-Mopped	2.83
	For Foil Facer, Add	0.36
	For 25 PSI Compressive Strength, Add	0.16
07 22 16 00-0129	SF 2" Thick, R11.4, Polyisocyanurate, Roof Board Insulation, Hot-Mopped	3.29
	For Foil Facer, Add	0.36
	For 25 PSI Compressive Strength, Add	0.21
07 22 16 00-0130	SF 2-1/2" Thick, R14.4, Polyisocyanurate, Roof Board Insulation, Hot-Mopped	3.77
	For Foil Facer, Add	0.36
	For 25 PSI Compressive Strength, Add	0.25
07 22 16 00-0131	SF 3" Thick, R17.4, Polyisocyanurate, Roof Board Insulation, Hot-Mopped	4.23
	For Foil Facer, Add	0.36
	For 25 PSI Compressive Strength, Add	0.30



Thermal And Moisture Protection			07
Thermal Protection			07 20
Roof and Deck Insulation			07 22

07

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0132	SF		3-1/2" Thick, R20.5, Polyisocyanurate, Roof Board Insulation, Hot-Mopped <i>For Foil Facer, Add</i> <i>For 25 PSI Compressive Strength, Add</i>	4.59 0.36 0.34	
07 22 16 00-0133	SF		4" Thick, R23.6, Polyisocyanurate, Roof Board Insulation, Hot-Mopped <i>For Foil Facer, Add</i> <i>For 25 PSI Compressive Strength, Add</i>	5.15 0.36 0.39	
07 22 16 00-0134			Hot-Mopped, Gypsum-Fiber, Roof Board Insulation (USG Securock) (0082)		
07 22 16 00-0135	SF		1/4" Thick, R0.2, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Hot-Mopped	2.78	
07 22 16 00-0136	SF		3/8" Thick, R0.3, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Hot-Mopped	2.97	
07 22 16 00-0137	SF		1/2" Thick, R0.5, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Hot-Mopped	3.09	
07 22 16 00-0138	SF		5/8" Thick, R0.6, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Hot-Mopped	3.16	
07 22 16 00-0139			Hot-Mopped, Glass-Mat, Roof Board Insulation (USG Securock) (07 22 16 00-0082)		
07 22 16 00-0140	SF		1/4" Thick, R0.36, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Hot-Mopped	2.72	
07 22 16 00-0141	SF		1/2" Thick, R0.53, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Hot-Mopped	3.00	
07 22 16 00-0142	SF		5/8" Thick, R0.54, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Hot-Mopped	3.06	
07 22 16 00-0143			Mechanically Fastened Rigid Board Roofing Insulation (07 22 16 00-0001)		
07 22 16 00-0144			Mechanically Fastened, High-Density Fiberboard, Roof Board Insulation (07 22 16 00-0143)		
07 22 16 00-0145	SF		1/2" Thick, R1.3, High-Density Fiberboard, Roof Board Insulation, Mechanically Fastened..... <i>For Mechanically Fastened To Concrete, Add</i> <i>For Mechanically Fastened To Gypsum, Add</i> <i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i> <i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i> <i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i> <i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i> <i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i> <i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	2.19 1.53 2.04 0.73 2.43 2.54 1.09 3.45 3.81	
07 22 16 00-0146	SF		25/32" Thick, R1.9, High-Density Fiberboard, Roof Board Insulation, Mechanically Fastened..... <i>For Mechanically Fastened To Concrete, Add</i> <i>For Mechanically Fastened To Gypsum, Add</i> <i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i> <i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i> <i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i> <i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i> <i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i> <i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	2.56 1.53 2.04 0.73 2.45 2.54 1.09 3.47 3.81	
07 22 16 00-0147	SF		1" Thick, R2.5, High-Density Fiberboard, Roof Board Insulation, Mechanically Fastened..... <i>For Mechanically Fastened To Concrete, Add</i> <i>For Mechanically Fastened To Gypsum, Add</i> <i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i> <i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i> <i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i> <i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i> <i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i> <i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	2.92 1.53 2.04 0.73 2.48 2.54 1.09 3.50 3.81	
07 22 16 00-0148	SF		1-1/2" Thick, R3.8, High-Density Fiberboard, Roof Board Insulation, Mechanically Fastened..... <i>For Mechanically Fastened To Concrete, Add</i> <i>For Mechanically Fastened To Gypsum, Add</i> <i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i> <i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i> <i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i> <i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i> <i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i> <i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.67 1.58 2.04 0.90 2.17 2.54 1.35 3.26 3.81	
07 22 16 00-0149	SF		2" Thick, R5, High-Density Fiberboard, Roof Board Insulation, Mechanically Fastened..... <i>For Mechanically Fastened To Concrete, Add</i> <i>For Mechanically Fastened To Gypsum, Add</i> <i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i> <i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i> <i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i> <i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i> <i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i> <i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	4.32 1.58 1.98 0.90 2.17 2.57 1.35 3.26 3.86	
07 22 16 00-0150			Mechanically Fastened, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation (07 22 16 00-0143)		
			Note: Mechanically fastened to wood or steel.		

07 Thermal And Moisture Protection**07 20 Thermal Protection****07 22 Roof and Deck Insulation**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0151	SF	1/2" Thick, R1.3, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation, Mechanically Fastened	2.49	
		For Mechanically Fastened To Concrete, Add	1.53	
		For Mechanically Fastened To Gypsum, Add	2.04	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.73	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.48	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.54	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.09	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.50	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.81	
07 22 16 00-0152	SF	1" Thick, R2.6, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation, Mechanically Fastened	2.81	
		For Mechanically Fastened To Concrete, Add	1.53	
		For Mechanically Fastened To Gypsum, Add	2.04	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.73	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.48	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.54	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.09	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.50	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.81	
07 22 16 00-0153		Mechanically Fastened, Perlite, Roof Board Insulation (07 22 16 00-0143) Note: Mechanically fastened to wood or steel.		
07 22 16 00-0154	SF	1/2" Thick, R1.32, Perlite, Roof Board Insulation, Mechanically Fastened	2.12	
		For Mechanically Fastened To Concrete, Add	1.53	
		For Mechanically Fastened To Gypsum, Add	2.04	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.73	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.38	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.54	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.09	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.40	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.81	
07 22 16 00-0155	SF	3/4" Thick, R2.08, Perlite, Roof Board Insulation, Mechanically Fastened	2.33	
		For Mechanically Fastened To Concrete, Add	1.53	
		For Mechanically Fastened To Gypsum, Add	2.04	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.73	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.38	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.54	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.09	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.40	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.81	
07 22 16 00-0156	SF	1" Thick, R2.78, Perlite, Roof Board Insulation, Mechanically Fastened	2.59	
		For Mechanically Fastened To Concrete, Add	1.53	
		For Mechanically Fastened To Gypsum, Add	2.04	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.73	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.38	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.54	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.09	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.40	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.81	
07 22 16 00-0157	SF	1-1/2" Thick, R4.17, Perlite, Roof Board Insulation, Mechanically Fastened	3.29	
		For Mechanically Fastened To Concrete, Add	1.58	
		For Mechanically Fastened To Gypsum, Add	2.04	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.90	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.17	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.54	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.35	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.26	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.81	
07 22 16 00-0158	SF	2" Thick, R5.56, Perlite, Roof Board Insulation, Mechanically Fastened	3.69	
		For Mechanically Fastened To Concrete, Add	1.58	
		For Mechanically Fastened To Gypsum, Add	1.98	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.90	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.17	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.57	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.35	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.26	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.86	
07 22 16 00-0159		Mechanically Fastened, Basalt Mineral Wool, Roof Board Insulation (07 22 16 00-0143) Note: Mechanically fastened to wood or steel.		
07 22 16 00-0160	SF	1" Thick, R3.5, Basalt Mineral Wool, Roof Board Insulation, Mechanically Fastened	2.93	
		For Mechanically Fastened To Concrete, Add	1.53	
		For Mechanically Fastened To Gypsum, Add	2.04	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.73	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.38	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.54	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.09	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.40	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.81	



Thermal And Moisture Protection			07
Thermal Protection			07 20
Roof and Deck Insulation			07 22

07

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0161	SF		2" Thick, R7.4, Basalt Mineral Wool, Roof Board Insulation, Mechanically Fastened.....	4.00	
			For Mechanically Fastened To Concrete, Add	1.58	
			For Mechanically Fastened To Gypsum, Add	1.98	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.90	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.17	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.57	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.35	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.26	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.86	
07 22 16 00-0162	SF		3" Thick, R11.1, Basalt Mineral Wool, Roof Board Insulation, Mechanically Fastened.....	5.26	
			For Mechanically Fastened To Concrete, Add	1.62	
			For Mechanically Fastened To Gypsum, Add	2.06	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.02	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.68	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.79	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.54	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.85	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	4.12	
07 22 16 00-0163			Mechanically Fastened, Foam Glass (Cellular Glass), Roof Board Insulation (07 22 16 00-0143)		
			Note: Mechanically fastened to wood or steel.		
07 22 16 00-0164	SF		1-1/2" Thick, R5.16, Foam Glass (Cellular Glass), Roof Board Insulation, Mechanically Fastened	5.48	
			For Mechanically Fastened To Concrete, Add	1.58	
			For Mechanically Fastened To Gypsum, Add	2.04	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.90	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.17	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.54	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.35	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.26	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.81	
07 22 16 00-0165	SF		2" Thick, R6.88, Foam Glass (Cellular Glass), Roof Board Insulation, Mechanically Fastened.....	6.44	
			For Mechanically Fastened To Concrete, Add	1.58	
			For Mechanically Fastened To Gypsum, Add	1.98	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.90	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.17	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.57	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.35	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.26	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.86	
07 22 16 00-0166	SF		2-3/4" Thick, R8.17, Foam Glass (Cellular Glass), Roof Board Insulation, Mechanically Fastened	8.44	
			For Mechanically Fastened To Concrete, Add	1.62	
			For Mechanically Fastened To Gypsum, Add	2.06	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.02	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.68	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.79	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.54	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.85	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	4.12	
07 22 16 00-0167	SF		3-1/2" Thick, R12.04, Foam Glass (Cellular Glass), Roof Board Insulation, Mechanically Fastened	12.77	
			For Mechanically Fastened To Concrete, Add	1.67	
			For Mechanically Fastened To Gypsum, Add	1.99	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.22	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.51	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	3.21	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.83	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.77	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	4.63	
07 22 16 00-0168			Mechanically Fastened, Molded Expanded Polystyrene, Roof Board Insulation (07 22 16 00-0143)		
			Note: Mechanically fastened to wood or steel.		
07 22 16 00-0169	SF		3/8" Thick, R1.44, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened.....	1.99	
			For Mechanically Fastened To Concrete, Add	1.53	
			For Mechanically Fastened To Gypsum, Add	2.04	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.73	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.36	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.54	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.09	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.38	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.81	
07 22 16 00-0170	SF		1/2" Thick, R1.93, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened.....	1.98	
			For Mechanically Fastened To Concrete, Add	1.53	
			For Mechanically Fastened To Gypsum, Add	2.04	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.73	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.36	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.54	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.09	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.38	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.81	

07 Thermal And Moisture Protection**07 20 Thermal Protection****07 22 Roof and Deck Insulation**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

07 22 16 00-0171	SF 3/4" Thick, R2.89, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened.....	2.22
	For Mechanically Fastened To Concrete, Add	1.53
	For Mechanically Fastened To Gypsum, Add	2.04
	For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.73
	For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.36
	For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.54
	For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.09
	For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.38
	For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.81
07 22 16 00-0172	SF 1" Thick, R3.85, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened.....	2.45
	For Mechanically Fastened To Concrete, Add	1.53
	For Mechanically Fastened To Gypsum, Add	2.04
	For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.73
	For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.36
	For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.54
	For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.09
	For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.38
	For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.81
07 22 16 00-0173	SF 2" Thick, R7.70, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened.....	3.47
	For Mechanically Fastened To Concrete, Add	1.58
	For Mechanically Fastened To Gypsum, Add	1.98
	For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.90
	For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.17
	For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.57
	For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.35
	For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.26
	For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.86
07 22 16 00-0174	SF 3" Thick, R11.55, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened.....	4.50
	For Mechanically Fastened To Concrete, Add	1.62
	For Mechanically Fastened To Gypsum, Add	2.06
	For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.02
	For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.66
	For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.79
	For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.54
	For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.83
	For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	4.12
07 22 16 00-0175	SF 4" Thick, R15.40, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened.....	5.58
	For Mechanically Fastened To Concrete, Add	1.67
	For Mechanically Fastened To Gypsum, Add	2.06
	For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.22
	For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.51
	For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.90
	For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.83
	For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.77
	For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	4.36
07 22 16 00-0176	SF 5" Thick, R19.25, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened.....	6.70
	For Mechanically Fastened To Concrete, Add	1.71
	For Mechanically Fastened To Gypsum, Add	2.02
	For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.45
	For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.74
	For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	3.43
	For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	2.17
	For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	4.12
	For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	4.97
07 22 16 00-0177	SF 6" Thick, R23.1, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened.....	8.16
	For Mechanically Fastened To Concrete, Add	1.76
	For Mechanically Fastened To Gypsum, Add	2.00
	For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.76
	For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	3.06
	For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	3.69
	For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	2.64
	For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	4.60
	For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	5.35

07 22 16 00-0178 Mechanically Fastened, Extruded Polystyrene, Roof Board Insulation (07 22 16 00-

0143)

Note: 15 PSI compressive strength. Mechanically fastened to wood or steel.

07 22 16 00-0179	SF 3/4" Thick, R3.7, Extruded Polystyrene, Roof Board Insulation, Mechanically Fastened.....	3.00
	For 25 PSI Compressive Strength, Add	0.31
	For 40 PSI Compressive Strength, Add	0.73
	For 60 PSI Compressive Strength, Add	1.16
	For 115 PSI Compressive Strength, Add	5.02
	For Mechanically Fastened To Concrete, Add	1.53
	For Mechanically Fastened To Gypsum, Add	2.04
	For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.73
	For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.38
	For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.54
	For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.09
	For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.40
	For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.81



Thermal And Moisture Protection			07
Thermal Protection			07 20
Roof and Deck Insulation			07 22

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0180	SF	1" Thick, R5.0, Extruded Polystyrene, Roof Board Insulation, Mechanically Fastened	.....	2.84	
		For 25 PSI Compressive Strength, Add	.....	0.28	
		For 40 PSI Compressive Strength, Add	.....	0.66	
		For 60 PSI Compressive Strength, Add	.....	1.06	
		For 115 PSI Compressive Strength, Add	.....	4.58	
		For Mechanically Fastened To Concrete, Add	.....	1.53	
		For Mechanically Fastened To Gypsum, Add	.....	2.04	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	.....	0.73	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	.....	2.38	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	.....	2.54	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	.....	1.09	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	.....	3.40	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	.....	3.81	
07 22 16 00-0181	SF	1-1/2" Thick, R7.5, Extruded Polystyrene, Roof Board Insulation, Mechanically Fastened	.....	4.05	
		For 25 PSI Compressive Strength, Add	.....	0.47	
		For 40 PSI Compressive Strength, Add	.....	1.12	
		For 60 PSI Compressive Strength, Add	.....	1.77	
		For 100 PSI Compressive Strength, Add	.....	2.27	
		For 115 PSI Compressive Strength, Add	.....	7.69	
		For Mechanically Fastened To Concrete, Add	.....	1.58	
		For Mechanically Fastened To Gypsum, Add	.....	2.04	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	.....	0.90	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	.....	2.17	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	.....	2.54	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	.....	1.35	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	.....	3.26	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	.....	3.81	
07 22 16 00-0182	SF	2" Thick, R10.0, Extruded Polystyrene, Roof Board Insulation, Mechanically Fastened	.....	4.19	
		For 25 PSI Compressive Strength, Add	.....	0.49	
		For 40 PSI Compressive Strength, Add	.....	1.17	
		For 60 PSI Compressive Strength, Add	.....	1.84	
		For 115 PSI Compressive Strength, Add	.....	8.00	
		For Mechanically Fastened To Concrete, Add	.....	1.58	
		For Mechanically Fastened To Gypsum, Add	.....	1.98	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	.....	0.90	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	.....	2.17	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	.....	2.57	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	.....	1.35	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	.....	3.26	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	.....	3.86	
07 22 16 00-0183	SF	2-1/2" Thick, R12.5, Extruded Polystyrene, Roof Board Insulation, Mechanically Fastened	.....	5.72	
		For 25 PSI Compressive Strength, Add	.....	0.74	
		For 40 PSI Compressive Strength, Add	.....	1.75	
		For 60 PSI Compressive Strength, Add	.....	2.72	
		For 100 PSI Compressive Strength, Add	.....	3.51	
		For 115 PSI Compressive Strength, Add	.....	11.93	
		For Mechanically Fastened To Concrete, Add	.....	1.62	
		For Mechanically Fastened To Gypsum, Add	.....	2.00	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	.....	1.02	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	.....	2.67	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	.....	2.68	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	.....	1.54	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	.....	3.84	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	.....	4.04	
07 22 16 00-0184	SF	3" Thick, R15.0, Extruded Polystyrene, Roof Board Insulation, Mechanically Fastened	.....	5.55	
		For 25 PSI Compressive Strength, Add	.....	0.70	
		For 40 PSI Compressive Strength, Add	.....	1.67	
		For 60 PSI Compressive Strength, Add	.....	2.61	
		For 115 PSI Compressive Strength, Add	.....	11.42	
		For Mechanically Fastened To Concrete, Add	.....	1.62	
		For Mechanically Fastened To Gypsum, Add	.....	2.06	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	.....	1.02	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	.....	2.68	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	.....	2.79	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	.....	1.54	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	.....	3.85	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	.....	4.12	
07 22 16 00-0185	SF	4" Thick, R20.0, Extruded Polystyrene, Roof Board Insulation, Mechanically Fastened	.....	6.35	
		For 25 PSI Compressive Strength, Add	.....	0.83	
		For 40 PSI Compressive Strength, Add	.....	1.96	
		For 60 PSI Compressive Strength, Add	.....	3.06	
		For 115 PSI Compressive Strength, Add	.....	13.40	
		For Mechanically Fastened To Concrete, Add	.....	1.67	
		For Mechanically Fastened To Gypsum, Add	.....	2.06	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	.....	1.22	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	.....	2.51	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	.....	2.90	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	.....	1.83	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	.....	3.77	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	.....	4.36	
07 22 16 00-0186		Mechanically Fastened, Polyisocyanurate Board Roofing Insulation (07 22 16 00-0143)			
		Note: Mechanically fastened to wood or steel.			

07 Thermal And Moisture Protection**07 20 Thermal Protection****07 22 Roof and Deck Insulation**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

07 22 16 00-0187	SF 3/4" Thick, R4.3, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened	2.66
	For Foil Facer, Add	0.36
	For 25 PSI Compressive Strength, Add	0.16
	For Mechanically Fastened To Concrete, Add	1.53
	For Mechanically Fastened To Gypsum, Add	2.04
	For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.73
	For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.38
	For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.54
	For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.09
	For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.40
	For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.81
07 22 16 00-0188	SF 1" Thick, R5.7, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened	2.78
	For Foil Facer, Add	0.36
	For 25 PSI Compressive Strength, Add	0.17
	For Mechanically Fastened To Concrete, Add	1.53
	For Mechanically Fastened To Gypsum, Add	2.04
	For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.73
	For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.38
	For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.54
	For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.09
	For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.40
	For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.81
07 22 16 00-0189	SF 1-1/2" Thick, R8.6, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened	3.03
	For Foil Facer, Add	0.36
	For 25 PSI Compressive Strength, Add	0.19
	For Mechanically Fastened To Concrete, Add	1.58
	For Mechanically Fastened To Gypsum, Add	2.04
	For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.90
	For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.17
	For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.54
	For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.35
	For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.26
	For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.81
07 22 16 00-0190	SF 2" Thick, R11.4, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened	3.49
	For Foil Facer, Add	0.36
	For 25 PSI Compressive Strength, Add	0.24
	For Mechanically Fastened To Concrete, Add	1.58
	For Mechanically Fastened To Gypsum, Add	1.98
	For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.90
	For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.17
	For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.57
	For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.35
	For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.26
	For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.86
07 22 16 00-0191	SF 2-1/2" Thick, R14.4, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened	4.04
	For Foil Facer, Add	0.36
	For 25 PSI Compressive Strength, Add	0.29
	For Mechanically Fastened To Concrete, Add	1.62
	For Mechanically Fastened To Gypsum, Add	2.00
	For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.02
	For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.68
	For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.68
	For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.54
	For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.85
	For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	4.04
07 22 16 00-0192	SF 3" Thick, R17.4, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened	4.50
	For Foil Facer, Add	0.36
	For 25 PSI Compressive Strength, Add	0.34
	For Mechanically Fastened To Concrete, Add	1.62
	For Mechanically Fastened To Gypsum, Add	2.06
	For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.02
	For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.68
	For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.79
	For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.54
	For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.85
	For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	4.12
07 22 16 00-0193	SF 3-1/2" Thick, R20.5, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened	5.15
	For Foil Facer, Add	0.36
	For 25 PSI Compressive Strength, Add	0.40
	For Mechanically Fastened To Concrete, Add	1.67
	For Mechanically Fastened To Gypsum, Add	1.99
	For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.22
	For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.51
	For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	3.21
	For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.83
	For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.77
	For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	4.63



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0194	SF		4" Thick, R23.6, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened 5.59 For Foil Facer, Add 0.36 For 25 PSI Compressive Strength, Add 0.44 For Mechanically Fastened To Concrete, Add 1.67 For Mechanically Fastened To Gypsum, Add 2.06 For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add 1.22 For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add 2.51 For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add 2.90 For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add 1.83 For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add 3.77 For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add 4.36		
07 22 16 00-0195			Mechanically Fastened, High-Density Polyisocyanurate Cover Board And Roofing Insulation (07 22 16 00-0143) Note: Mechanically fastened to wood or steel.		
07 22 16 00-0196	SF		1/2" Thick, R2.5, High-Density Polyisocyanurate Cover Board And Roofing Insulation, Mechanically Fastened 3.03 For Mechanically Fastened To Concrete, Add 1.53 For Mechanically Fastened To Gypsum, Add 2.04 For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add 0.73 For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add 2.43 For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add 2.54 For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add 1.09 For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add 3.45 For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add 3.81		
07 22 16 00-0197			Mechanically Fastened, Gypsum-Fiber, Roof Board Insulation (USG Securock) (07 22 16 00-0143) Note: Mechanically fastened to wood or steel.		
07 22 16 00-0198	SF		1/4" Thick, R0.2, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Mechanically Fastened 2.86 For Mechanically Fastened To Concrete, Add 1.53 For Mechanically Fastened To Gypsum, Add 2.04 For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add 0.73 For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add 2.43 For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add 2.54 For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add 1.09 For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add 3.45 For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add 3.81		
07 22 16 00-0199	SF		3/8" Thick, R0.3, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Mechanically Fastened 3.05 For Mechanically Fastened To Concrete, Add 1.53 For Mechanically Fastened To Gypsum, Add 2.04 For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add 0.73 For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add 2.43 For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add 2.54 For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add 1.09 For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add 3.45 For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add 3.81		
07 22 16 00-0200	SF		1/2" Thick, R0.5, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Mechanically Fastened 3.17 For Mechanically Fastened To Concrete, Add 1.53 For Mechanically Fastened To Gypsum, Add 2.04 For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add 0.73 For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add 2.43 For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add 2.54 For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add 1.09 For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add 3.45 For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add 3.81		
07 22 16 00-0201	SF		5/8" Thick, R0.6, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Mechanically Fastened 3.24 For Mechanically Fastened To Concrete, Add 1.53 For Mechanically Fastened To Gypsum, Add 2.04 For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add 0.73 For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add 2.43 For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add 2.54 For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add 1.09 For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add 3.45 For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add 3.81		
07 22 16 00-0202			Mechanically Fastened, Glass-Mat, Roof Board Insulation (USG Securock) (07 22 16 00-0143) Note: Mechanically fastened to wood or steel.		
07 22 16 00-0203	SF		1/4" Thick, R0.36, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Mechanically Fastened 2.79 For Mechanically Fastened To Concrete, Add 1.53 For Mechanically Fastened To Gypsum, Add 2.04 For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add 0.73 For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add 2.43 For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add 2.54 For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add 1.09 For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add 3.45 For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add 3.81		

07 Thermal And Moisture Protection**07 20 Thermal Protection****07 22 Roof and Deck Insulation**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

07 22 16 00-0204	SF 1/2" Thick, R0.53, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Mechanically Fastened	3.08
	For Mechanically Fastened To Concrete, Add	1.53
	For Mechanically Fastened To Gypsum, Add	2.04
	For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.73
	For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.43
	For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.54
	For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.09
	For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.45
	For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.81
07 22 16 00-0205	SF 5/8" Thick, R0.54, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Mechanically Fastened	3.14
	For Mechanically Fastened To Concrete, Add	1.53
	For Mechanically Fastened To Gypsum, Add	2.04
	For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.73
	For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.43
	For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.54
	For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.09
	For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.45
	For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.81

07 22 16 00-0206 Mechanically Fastened, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation (07 22 16 00-0143)

Note: Includes a polyisocyanurate foam core bonded to a 7/16" oriented strand board (OSB) facer, Mechanically fastened to wood or steel.

07 22 16 00-0207	SF 1.5" Thick, R6.2, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Mechanically Fastened	5.11
	For Mechanically Fastened To Concrete, Add	1.58
	For Mechanically Fastened To Gypsum, Add	2.04
	For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.90
	For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.17
	For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.57
	For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.35
	For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.26
	For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.86
07 22 16 00-0208	SF 2" Thick, R9.1, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Mechanically Fastened	5.37
	For Mechanically Fastened To Concrete, Add	1.58
	For Mechanically Fastened To Gypsum, Add	1.98
	For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.90
	For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.17
	For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.57
	For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.35
	For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.26
	For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.86
07 22 16 00-0209	SF 2.5" Thick, R12.0, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Mechanically Fastened	5.82
	For Mechanically Fastened To Concrete, Add	1.62
	For Mechanically Fastened To Gypsum, Add	2.00
	For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.02
	For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.85
	For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.68
	For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.54
	For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	4.02
	For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	4.04
07 22 16 00-0210	SF 3" Thick, R15.0, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Mechanically Fastened	6.05
	For Mechanically Fastened To Concrete, Add	1.62
	For Mechanically Fastened To Gypsum, Add	2.06
	For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.02
	For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.86
	For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.79
	For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.54
	For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	4.03
	For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	4.12
07 22 16 00-0211	SF 3.5" Thick, R18.0, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Mechanically Fastened	6.73
	For Mechanically Fastened To Concrete, Add	1.67
	For Mechanically Fastened To Gypsum, Add	1.99
	For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.22
	For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.51
	For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	3.40
	For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.83
	For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.77
	For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	4.82
07 22 16 00-0212	SF 4" Thick, R21.1, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Mechanically Fastened	6.95
	For Mechanically Fastened To Concrete, Add	1.67
	For Mechanically Fastened To Gypsum, Add	2.06
	For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.22
	For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.51
	For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.90
	For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.83
	For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.77
	For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	4.36



Thermal And Moisture Protection			07
Thermal Protection			07 20
Roof and Deck Insulation			07 22

07

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0213	SF		4.5" Thick, R24.2, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Mechanically Fastened	7.48	
			For Mechanically Fastened To Concrete, Add	1.71	
			For Mechanically Fastened To Gypsum, Add	2.02	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.45	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.74	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	3.62	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	2.17	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	4.12	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	5.21	
07 22 16 00-0214			Mechanically Fastened, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation (07 22 16 00-0143)		
			Note: Includes a polyisocyanurate foam core bonded to a 7/16" oriented strand board (OSB) facer. Mechanically fastened to wood or steel.		
07 22 16 00-0215	SF		2.5" Thick, R5.7, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Mechanically Fastened	5.25	
			For Mechanically Fastened To Concrete, Add	1.62	
			For Mechanically Fastened To Gypsum, Add	2.00	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.02	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.84	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.68	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.54	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	4.01	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	4.04	
07 22 16 00-0216	SF		3" Thick, R8.6, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Mechanically Fastened	5.71	
			For Mechanically Fastened To Concrete, Add	1.62	
			For Mechanically Fastened To Gypsum, Add	2.06	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.02	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.84	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.79	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.54	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	4.01	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	4.12	
07 22 16 00-0217	SF		3.5" Thick, R11.4, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Mechanically Fastened	6.42	
			For Mechanically Fastened To Concrete, Add	1.67	
			For Mechanically Fastened To Gypsum, Add	1.99	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.22	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.51	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	3.38	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.83	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.77	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	4.80	
07 22 16 00-0218	SF		4" Thick, R14.4, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Mechanically Fastened	6.79	
			For Mechanically Fastened To Concrete, Add	1.67	
			For Mechanically Fastened To Gypsum, Add	2.06	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.22	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.51	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.90	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.83	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.77	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	4.36	
07 22 16 00-0219	SF		4.5" Thick, R17.4, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Mechanically Fastened	7.44	
			For Mechanically Fastened To Concrete, Add	1.71	
			For Mechanically Fastened To Gypsum, Add	2.02	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.45	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.74	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	3.62	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	2.17	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	4.12	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	5.16	
07 22 16 00-0220	SF		5" Thick, R20.5, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Mechanically Fastened	7.95	
			For Mechanically Fastened To Concrete, Add	1.71	
			For Mechanically Fastened To Gypsum, Add	2.02	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.45	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.74	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	3.62	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	2.17	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	4.12	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	5.16	
07 22 16 00-0221	SF		5.5" Thick, R23.6, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Mechanically Fastened	9.11	
			For Mechanically Fastened To Concrete, Add	1.76	
			For Mechanically Fastened To Gypsum, Add	2.00	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.76	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	3.06	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	3.92	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	2.64	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	4.60	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	5.58	

07 Thermal And Moisture Protection**07 20 Thermal Protection****07 22 Roof and Deck Insulation**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

07 22 16 00-0222	Rigid Board Tapered Roofing Insulation (07 22 16)	
	Note: Includes tapered board and filler board required to maintain slope starting at 1/2" minimum thickness. Excludes base layer of board, if required. Average thickness and average R-value of tapered system excludes thickness and R-value of base layer insulation and/or cover board. See CSI section 07 22 16 00-0466 for demolition of insulation board.	
07 22 16 00-0223	Cold Adhesive Applied Rigid Board Tapered Roofing Insulation (07 22 16 00-0222)	
07 22 16 00-0224	Cold Adhesive Applied, Tapered Polyisocyanurate Board (07 22 16 00-0223)	
	Note: Includes polyurethane adhesive.	
07 22 16 00-0225	Cold Adhesive Applied, 1/8" Slope, Tapered Polyisocyanurate Board (07 22 16 00-0224)	
07 22 16 00-0226	SF 2.25" Average Thickness (12.8 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied.....	5.03
	For 25 PSI Compressive Strength, Add.....	0.34
07 22 16 00-0227	SF 2.75" Average Thickness (15.7 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied.....	6.94
	For 25 PSI Compressive Strength, Add.....	0.40
07 22 16 00-0228	SF 3.25" Average Thickness (18.5 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied.....	7.55
	For 25 PSI Compressive Strength, Add.....	0.46
07 22 16 00-0229	SF 3.75" Average Thickness (21.4 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied.....	8.15
	For 25 PSI Compressive Strength, Add.....	0.52
07 22 16 00-0230	SF 4.25" Average Thickness (24.2 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied.....	8.76
	For 25 PSI Compressive Strength, Add.....	0.58
07 22 16 00-0231	SF 4.75" Average Thickness (27.1 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied.....	10.69
	For 25 PSI Compressive Strength, Add.....	0.65
07 22 16 00-0232	SF 5.25" Average Thickness (30.0 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied.....	11.29
	For 25 PSI Compressive Strength, Add.....	0.71
07 22 16 00-0233	SF 5.75" Average Thickness (32.8 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied.....	11.90
	For 25 PSI Compressive Strength, Add.....	0.77
07 22 16 00-0234	SF 6.25" Average Thickness (35.6 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied.....	12.50
	For 25 PSI Compressive Strength, Add.....	0.83
07 22 16 00-0235	SF 6.75" Average Thickness (38.5 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied.....	14.40
	For 25 PSI Compressive Strength, Add.....	0.89
07 22 16 00-0236	Cold Adhesive Applied, 1/4" Slope, Tapered Polyisocyanurate Board (07 22 16 00-0224)	
07 22 16 00-0237	SF 2" Average Thickness (11.4 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied.....	4.73
	For 25 PSI Compressive Strength, Add.....	0.31
07 22 16 00-0238	SF 3" Average Thickness (17.1 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied.....	7.25
	For 25 PSI Compressive Strength, Add.....	0.43
07 22 16 00-0239	SF 4" Average Thickness (22.8 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied.....	8.45
	For 25 PSI Compressive Strength, Add.....	0.55
07 22 16 00-0240	SF 5" Average Thickness (28.5 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied.....	10.99
	For 25 PSI Compressive Strength, Add.....	0.68
07 22 16 00-0241	SF 6" Average Thickness (34.2 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied.....	12.20
	For 25 PSI Compressive Strength, Add.....	0.80
07 22 16 00-0242	SF 7" Average Thickness (39.9 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied.....	14.70
	For 25 PSI Compressive Strength, Add.....	0.92
07 22 16 00-0243	Cold Adhesive Applied, 1/2" Slope, Tapered Polyisocyanurate Board (07 22 16 00-0224)	
07 22 16 00-0244	SF 3.5" Average Thickness (20.0 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied.....	7.85
	For 25 PSI Compressive Strength, Add.....	0.49
07 22 16 00-0245	SF 5.5" Average Thickness (31.4 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied.....	11.59
	For 25 PSI Compressive Strength, Add.....	0.74
07 22 16 00-0246	SF 7.5" Average Thickness (42.8 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied.....	15.31
	For 25 PSI Compressive Strength, Add.....	0.98
07 22 16 00-0247	SF 9.5" Average Thickness (54.2 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied.....	19.05
	For 25 PSI Compressive Strength, Add.....	1.22



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0248		Cold Adhesive Applied, Tapered Expanded Polystyrene Board (EPS) ^(07 22 16 00-0223) Note: Includes polyurethane adhesive.		
07 22 16 00-0249		Cold Adhesive Applied, 1/8" Slope, Tapered Expanded Polystyrene Board (EPS) ^(07 22 16 00-0248)		
07 22 16 00-0250	SF	2.25" Average Thickness (10.13 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	4.35	
07 22 16 00-0251	SF	2.75" Average Thickness (12.38 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	6.27	
07 22 16 00-0252	SF	3.25" Average Thickness (14.63 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	6.73	
07 22 16 00-0253	SF	3.75" Average Thickness (16.88 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	7.18	
07 22 16 00-0254	SF	4.25" Average Thickness (19.13 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	7.63	
07 22 16 00-0255	SF	4.75" Average Thickness (21.38 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	9.57	
07 22 16 00-0256	SF	5.25" Average Thickness (23.63 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	10.02	
07 22 16 00-0257	SF	5.75" Average Thickness (25.88 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	10.47	
07 22 16 00-0258	SF	6.25" Average Thickness (28.13 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	10.93	
07 22 16 00-0259	SF	6.75" Average Thickness (30.38 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	12.84	
07 22 16 00-0260		Cold Adhesive Applied, 1/4" Slope, Tapered Expanded Polystyrene Board (EPS) ^(07 22 16 00-0248)		
07 22 16 00-0261	SF	2" Average Thickness (9 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	4.13	
07 22 16 00-0262	SF	3" Average Thickness (13.5 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	6.50	
07 22 16 00-0263	SF	4" Average Thickness (18 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	7.41	
07 22 16 00-0264	SF	5" Average Thickness (22.5 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	9.79	
07 22 16 00-0265	SF	6" Average Thickness (27 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	10.70	
07 22 16 00-0266	SF	7" Average Thickness (31.5 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	13.06	
07 22 16 00-0267		Cold Adhesive Applied, 1/2" Slope, Tapered Expanded Polystyrene Board (EPS) ^(07 22 16 00-0248)		
07 22 16 00-0268	SF	3.5" Average Thickness (15.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	6.95	
07 22 16 00-0269	SF	5.5" Average Thickness (24.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	10.25	
07 22 16 00-0270	SF	7.5" Average Thickness (33.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	13.52	
07 22 16 00-0271	SF	9.5" Average Thickness (42.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	17.26	
07 22 16 00-0272		Cold Adhesive Applied, Tapered Extruded Polystyrene Board (XEPS) ^(07 22 16 00-0223) Note: Includes polyurethane adhesive.		
07 22 16 00-0273		Cold Adhesive Applied, 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS) ^(07 22 16 00-0272)		
07 22 16 00-0274	SF	2.25" Average Thickness (12.38 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	4.90	
07 22 16 00-0275	SF	2.75" Average Thickness (15.125 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	6.81	
07 22 16 00-0276	SF	3.25" Average Thickness (17.88 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	7.38	
07 22 16 00-0277	SF	3.75" Average Thickness (20.63 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	7.96	
07 22 16 00-0278	SF	4.25" Average Thickness (23.38 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	8.53	
07 22 16 00-0279	SF	4.75" Average Thickness (26.13 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	10.46	
07 22 16 00-0280	SF	5.25" Average Thickness (28.88 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	11.04	
07 22 16 00-0281	SF	5.75" Average Thickness (31.63 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	11.61	
07 22 16 00-0282	SF	6.25" Average Thickness (34.38 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	12.19	
07 22 16 00-0283	SF	6.75" Average Thickness (37.13 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	14.09	

07 Thermal And Moisture Protection**07 20 Thermal Protection****07 22 Roof and Deck Insulation**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

07 22 16 00-0284	Cold Adhesive Applied, 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS) (07 22 16 00-0272)		
07 22 16 00-0285	SF	2" Average Thickness (11 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	4.61
07 22 16 00-0286	SF	3" Average Thickness (16.5 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	7.10
07 22 16 00-0287	SF	4" Average Thickness (22 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	8.24
07 22 16 00-0288	SF	5" Average Thickness (27.5 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	10.75
07 22 16 00-0289	SF	6" Average Thickness (33 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	11.90
07 22 16 00-0290	SF	7" Average Thickness (38.5 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	14.37
07 22 16 00-0291	Cold Adhesive Applied, 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS) (07 22 16 00-0272)		
07 22 16 00-0292	SF	3.5" Average Thickness (19.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	7.67
		For Mechanically Fastened To Concrete, Add	1.62
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.06
07 22 16 00-0293	SF	5.5" Average Thickness (30.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	11.32
07 22 16 00-0294	SF	7.5" Average Thickness (41.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	14.95
07 22 16 00-0295	SF	9.5" Average Thickness (52.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	18.60
07 22 16 00-0296	Cold Adhesive Applied, Tapered Perlite Board (07 22 16 00-0223)		
	Note: Includes polyurethane adhesive.		
07 22 16 00-0297	Cold Adhesive Applied, 1/8" Slope, Tapered Perlite Board (07 22 16 00-0296)		
07 22 16 00-0298	SF	2.25" Average Thickness (6.26 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied	7.11
07 22 16 00-0299	SF	2.75" Average Thickness (7.65 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied	8.13
07 22 16 00-0300	SF	3.25" Average Thickness (9.04 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied	9.39
07 22 16 00-0301	SF	3.75" Average Thickness (10.43 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied	9.77
07 22 16 00-0302	SF	4.25" Average Thickness (11.82 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied	11.03
07 22 16 00-0303	SF	4.75" Average Thickness (13.21 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied	12.05
07 22 16 00-0304	SF	5.25" Average Thickness (14.60 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied	13.32
07 22 16 00-0305	SF	5.75" Average Thickness (15.99 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied	13.69
07 22 16 00-0306	SF	6.25" Average Thickness (17.38 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied	14.95
07 22 16 00-0307	SF	6.75" Average Thickness (18.77 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied	15.97
07 22 16 00-0308	Cold Adhesive Applied, 1/4" Slope, Tapered Perlite Board (07 22 16 00-0296)		
07 22 16 00-0309	SF	2" Average Thickness (5.56 Average R-Value), 1/4" Slope, Tapered Perlite Board, Cold Adhesive Applied	6.47
07 22 16 00-0310	SF	3" Average Thickness (8.34 Average R-Value), 1/4" Slope, Tapered Perlite Board, Cold Adhesive Applied	8.76
07 22 16 00-0311	SF	4" Average Thickness (11.12 Average R-Value), 1/4" Slope, Tapered Perlite Board, Cold Adhesive Applied	10.40
07 22 16 00-0312	SF	5" Average Thickness (13.9 Average R-Value), 1/4" Slope, Tapered Perlite Board, Cold Adhesive Applied	12.68
07 22 16 00-0313	SF	6" Average Thickness (16.68 Average R-Value), 1/4" Slope, Tapered Perlite Board, Cold Adhesive Applied	14.32
07 22 16 00-0314	SF	7" Average Thickness (19.46 Average R-Value), 1/4" Slope, Tapered Perlite Board, Cold Adhesive Applied	16.60
07 22 16 00-0315	Cold Adhesive Applied, 1/2" Slope, Tapered Perlite Board (07 22 16 00-0296)		
07 22 16 00-0316	SF	3.5" Average Thickness (9.73 Average R-Value), 1/2" Slope, Tapered Perlite Board, Cold Adhesive Applied	10.02
07 22 16 00-0317	SF	5.5" Average Thickness (15.29 Average R-Value), 1/2" Slope, Tapered Perlite Board, Cold Adhesive Applied	13.95
07 22 16 00-0318	SF	7.5" Average Thickness (20.85 Average R-Value), 1/2" Slope, Tapered Perlite Board, Cold Adhesive Applied	17.86
07 22 16 00-0319	SF	9.5" Average Thickness (26.41 Average R-Value), 1/2" Slope, Tapered Perlite Board, Cold Adhesive Applied	21.78
07 22 16 00-0320	Hot-Mopped Rigid Board Tapered Roofing Insulation (07 22 16 00-0222)		
07 22 16 00-0321	Hot-Mopped, Tapered Polyisocyanurate Board (07 22 16 00-0320)		
07 22 16 00-0322	Hot-Mopped, 1/8" Slope, Tapered Polyisocyanurate Board (07 22 16 00-0321)		
07 22 16 00-0323	SF	2.25" Average Thickness (12.8 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	4.62
		For 25 PSI Compressive Strength, Add	0.30
07 22 16 00-0324	SF	2.75" Average Thickness (15.7 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	6.47
		For 25 PSI Compressive Strength, Add	0.33
07 22 16 00-0325	SF	3.25" Average Thickness (18.5 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	7.07
		For 25 PSI Compressive Strength, Add	0.39
07 22 16 00-0326	SF	3.75" Average Thickness (21.4 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	7.38
		For 25 PSI Compressive Strength, Add	0.45
07 22 16 00-0327	SF	4.25" Average Thickness (24.2 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	8.28
		For 25 PSI Compressive Strength, Add	0.51
07 22 16 00-0328	SF	4.75" Average Thickness (27.1 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	9.97
		For 25 PSI Compressive Strength, Add	0.53
07 22 16 00-0329	SF	5.25" Average Thickness (30.0 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	10.57
		For 25 PSI Compressive Strength, Add	0.59



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0330	SF		5.75" Average Thickness (32.8 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped <i>For 25 PSI Compressive Strength, Add</i>	11.18 0.65	
07 22 16 00-0331	SF		6.25" Average Thickness (35.6 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped <i>For 25 PSI Compressive Strength, Add</i>	11.78 0.71	
07 22 16 00-0332	SF		6.75" Average Thickness (38.5 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped <i>For 25 PSI Compressive Strength, Add</i>	13.46 0.74	
07 22 16 00-0333			Hot-Mopped, 1/4" Slope, Tapered Polyisocyanurate Board (07 22 16 00-0321)		
07 22 16 00-0334	SF		2" Average Thickness (11.4 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Hot-Mopped <i>For 25 PSI Compressive Strength, Add</i>	4.48 0.27	
07 22 16 00-0335	SF		3" Average Thickness (17.1 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Hot-Mopped <i>For 25 PSI Compressive Strength, Add</i>	6.77 0.36	
07 22 16 00-0336	SF		4" Average Thickness (22.8 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Hot-Mopped <i>For 25 PSI Compressive Strength, Add</i>	7.98 0.48	
07 22 16 00-0337	SF		5" Average Thickness (28.5 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Hot-Mopped <i>For 25 PSI Compressive Strength, Add</i>	10.27 0.56	
07 22 16 00-0338	SF		6" Average Thickness (34.2 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Hot-Mopped <i>For 25 PSI Compressive Strength, Add</i>	11.48 0.68	
07 22 16 00-0339	SF		7" Average Thickness (39.9 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Hot-Mopped <i>For 25 PSI Compressive Strength, Add</i>	13.76 0.77	
07 22 16 00-0340			Hot-Mopped, 1/2" Slope, Tapered Polyisocyanurate Board (07 22 16 00-0321)		
07 22 16 00-0341	SF		3.5" Average Thickness (20.0 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Hot-Mopped <i>For 25 PSI Compressive Strength, Add</i>	7.37 0.42	
07 22 16 00-0342	SF		5.5" Average Thickness (31.4 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Hot-Mopped <i>For 25 PSI Compressive Strength, Add</i>	10.87 0.62	
07 22 16 00-0343	SF		7.5" Average Thickness (42.8 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Hot-Mopped <i>For 25 PSI Compressive Strength, Add</i>	14.36 0.83	
07 22 16 00-0344	SF		9.5" Average Thickness (54.2 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Hot-Mopped <i>For 25 PSI Compressive Strength, Add</i>	17.87 1.04	
07 22 16 00-0345			Hot-Mopped, Tapered Perlite Board (07 22 16 00-0320)		
07 22 16 00-0346			Hot-Mopped, 1/8" Slope, Tapered Perlite Board (07 22 16 00-0345)		
07 22 16 00-0347	SF		2.25" Average Thickness (6.26 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped.....	6.21	
07 22 16 00-0348	SF		2.75" Average Thickness (7.65 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped.....	7.65	
07 22 16 00-0349	SF		3.25" Average Thickness (9.04 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped.....	8.92	
07 22 16 00-0350	SF		3.75" Average Thickness (10.43 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped.....	8.64	
07 22 16 00-0351	SF		4.25" Average Thickness (11.82 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped.....	9.90	
07 22 16 00-0352	SF		4.75" Average Thickness (13.21 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped.....	11.33	
07 22 16 00-0353	SF		5.25" Average Thickness (14.60 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped.....	12.60	
07 22 16 00-0354	SF		5.75" Average Thickness (15.99 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped.....	12.32	
07 22 16 00-0355	SF		6.25" Average Thickness (17.38 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped.....	13.58	
07 22 16 00-0356	SF		6.75" Average Thickness (18.77 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped.....	15.02	
07 22 16 00-0357			Hot-Mopped, 1/4" Slope, Tapered Perlite Board (07 22 16 00-0345)		
07 22 16 00-0358	SF		2" Average Thickness (5.56 Average R-Value), 1/4" Slope, Tapered Perlite Board, Hot-Mopped.....	5.57	
07 22 16 00-0359	SF		3" Average Thickness (8.34 Average R-Value), 1/4" Slope, Tapered Perlite Board, Hot-Mopped.....	8.29	
07 22 16 00-0360	SF		4" Average Thickness (11.12 Average R-Value), 1/4" Slope, Tapered Perlite Board, Hot-Mopped.....	9.27	
07 22 16 00-0361	SF		5" Average Thickness (13.9 Average R-Value), 1/4" Slope, Tapered Perlite Board, Hot-Mopped.....	11.96	
07 22 16 00-0362	SF		6" Average Thickness (16.68 Average R-Value), 1/4" Slope, Tapered Perlite Board, Hot-Mopped.....	12.95	
07 22 16 00-0363	SF		7" Average Thickness (19.46 Average R-Value), 1/4" Slope, Tapered Perlite Board, Hot-Mopped.....	15.65	
07 22 16 00-0364			Hot-Mopped, 1/2" Slope, Tapered Perlite Board (07 22 16 00-0345)		
07 22 16 00-0365	SF		3.5" Average Thickness (9.73 Average R-Value), 1/2" Slope, Tapered Perlite Board, Hot-Mopped.....	9.55	
07 22 16 00-0366	SF		5.5" Average Thickness (15.29 Average R-Value), 1/2" Slope, Tapered Perlite Board, Hot-Mopped.....	13.23	
07 22 16 00-0367	SF		7.5" Average Thickness (20.85 Average R-Value), 1/2" Slope, Tapered Perlite Board, Hot-Mopped.....	17.54	
07 22 16 00-0368	SF		9.5" Average Thickness (26.41 Average R-Value), 1/2" Slope, Tapered Perlite Board, Hot-Mopped.....	20.60	
07 22 16 00-0369			Mechanically Fastened Tapered Roofing Insulation (07 22 16 00-0222)		
07 22 16 00-0370			Mechanically Fastened, Tapered Polyisocyanurate Board (07 22 16 00-0369)		
07 22 16 00-0371			Mechanically Fastened, 1/8" Slope, Tapered Polyisocyanurate Board (07 22 16 00-0370)		

07 Thermal And Moisture Protection**07 20 Thermal Protection****07 22 Roof and Deck Insulation**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

07 22 16 00-0372	SF	2.25" Average Thickness (12.8 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened.....	4.93
		For 25 PSI Compressive Strength, Add	0.33
		For Mechanically Fastened To Concrete, Add	1.58
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.95
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.90
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.17
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.54
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.35
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.26
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	3.81
07 22 16 00-0373	SF	2.75" Average Thickness (15.7 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened.....	6.29
		For 25 PSI Compressive Strength, Add	0.34
		For Mechanically Fastened To Concrete, Add	1.62
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.00
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.02
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.30
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.68
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.54
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.47
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.04
07 22 16 00-0374	SF	3.25" Average Thickness (18.5 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened.....	6.89
		For 25 PSI Compressive Strength, Add	0.40
		For Mechanically Fastened To Concrete, Add	1.62
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.06
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.02
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.30
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.74
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.54
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.47
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.12
07 22 16 00-0375	SF	3.75" Average Thickness (21.4 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened.....	7.65
		For 25 PSI Compressive Strength, Add	0.47
		For Mechanically Fastened To Concrete, Add	1.67
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.99
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.22
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.51
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.83
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.83
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.77
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.25
07 22 16 00-0376	SF	4.25" Average Thickness (24.2 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened.....	8.25
		For 25 PSI Compressive Strength, Add	0.53
		For Mechanically Fastened To Concrete, Add	1.67
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.06
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.22
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.51
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.90
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.83
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.77
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.36
07 22 16 00-0377	SF	4.75" Average Thickness (27.1 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened.....	9.72
		For 25 PSI Compressive Strength, Add	0.55
		For Mechanically Fastened To Concrete, Add	1.71
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.02
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.45
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.74
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	3.05
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	2.17
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	4.12
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.59
07 22 16 00-0378	SF	5.25" Average Thickness (30.0 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened.....	10.33
		For 25 PSI Compressive Strength, Add	0.61
		For Mechanically Fastened To Concrete, Add	1.71
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.02
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.45
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.74
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	3.05
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	2.17
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	4.12
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.59



Thermal And Moisture Protection			07
Thermal Protection			07 20
Roof and Deck Insulation			07 22

07

MINOR CSI UOM DESCRIPTION			TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0379	SF	5.75" Average Thickness (32.8 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	11.21	
		For 25 PSI Compressive Strength, Add	0.70	
		For Mechanically Fastened To Concrete, Add	1.76	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.00	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.76	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	3.06	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	3.30	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	2.64	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	4.60	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.96	
07 22 16 00-0380	SF	6.25" Average Thickness (35.6 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	11.81	
		For 25 PSI Compressive Strength, Add	0.76	
		For Mechanically Fastened To Concrete, Add	1.76	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.00	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.76	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	3.06	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	3.30	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	2.64	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	4.60	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.96	
07 22 16 00-0381	SF	6.75" Average Thickness (38.5 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	13.37	
		For 25 PSI Compressive Strength, Add	0.79	
		For Mechanically Fastened To Concrete, Add	1.76	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.08	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	2.07	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	3.37	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	3.69	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	3.10	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	5.06	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	5.55	
07 22 16 00-0382		Mechanically Fastened, 1/4" Slope, Tapered Polyisocyanurate Board (07 22 16 00-0370)		
07 22 16 00-0383	SF	2" Average Thickness (11.4 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	4.63	
		For 25 PSI Compressive Strength, Add	0.30	
		For Mechanically Fastened To Concrete, Add	1.58	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.95	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.90	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.17	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.54	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.35	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.26	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	3.81	
07 22 16 00-0384	SF	3" Average Thickness (17.1 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	6.59	
		For 25 PSI Compressive Strength, Add	0.37	
		For Mechanically Fastened To Concrete, Add	1.62	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.00	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.02	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.30	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.68	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.54	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.47	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.04	
07 22 16 00-0385	SF	4" Average Thickness (22.8 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	7.95	
		For 25 PSI Compressive Strength, Add	0.50	
		For Mechanically Fastened To Concrete, Add	1.67	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.99	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.22	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.51	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.83	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.83	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.77	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.25	
07 22 16 00-0386	SF	5" Average Thickness (28.5 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	10.03	
		For 25 PSI Compressive Strength, Add	0.58	
		For Mechanically Fastened To Concrete, Add	1.71	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.02	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.45	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.74	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	3.05	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	2.17	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	4.12	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.59	

07 Thermal And Moisture Protection**07 20 Thermal Protection****07 22 Roof and Deck Insulation**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

07 22 16 00-0387	SF	6" Average Thickness (34.2 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened.....	11.51
		For 25 PSI Compressive Strength, Add	0.73
		For Mechanically Fastened To Concrete, Add	1.76
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.00
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.76
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	3.06
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	3.30
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	2.64
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	4.60
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.96
07 22 16 00-0388	SF	7" Average Thickness (39.9 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened.....	13.67
		For 25 PSI Compressive Strength, Add	0.82
		For Mechanically Fastened To Concrete, Add	1.76
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.08
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	2.07
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	3.37
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	3.69
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	3.10
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	5.06
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	5.55

07 22 16 00-0389 Mechanically Fastened, 1/2" Slope, Tapered Polyisocyanurate Board (07 22 16 00-0370)

07 22 16 00-0390	SF	3.5" Average Thickness (20.0 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened.....	7.19
		For 25 PSI Compressive Strength, Add	0.43
		For Mechanically Fastened To Concrete, Add	1.62
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.06
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.02
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.30
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.74
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.54
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.47
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.12
07 22 16 00-0391	SF	5" Average Thickness (31.4 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened.....	10.24
		For 25 PSI Compressive Strength, Add	0.60
		For Mechanically Fastened To Concrete, Add	1.71
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.02
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.45
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.74
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	3.05
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	2.17
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	4.12
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.59
07 22 16 00-0392	SF	7.5" Average Thickness (42.8 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened.....	14.27
		For 25 PSI Compressive Strength, Add	0.88
		For Mechanically Fastened To Concrete, Add	1.76
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.08
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	2.07
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	3.37
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	3.69
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	3.10
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	5.06
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	5.55
07 22 16 00-0393	SF	9.5" Average Thickness (54.2 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened.....	18.17
		For 25 PSI Compressive Strength, Add	1.14
		For Mechanically Fastened To Concrete, Add	1.70
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	2.90
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	4.11
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	4.35
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	6.15

07 22 16 00-0394 Mechanically Fastened, Tapered Expanded Polystyrene Board (EPS) (07 22 16 00-0393)

Note: Mechanically fastened to wood or steel.

07 22 16 00-0395 Mechanically Fastened, 1/8" Slope, Tapered Expanded Polystyrene Board (EPS) (07 22 16 00-0394)

07 22 16 00-0396	SF	2.25" Average Thickness (10.13 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened.....	4.25
		For Mechanically Fastened To Concrete, Add	1.58
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.95
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.90
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.17
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.54
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.35
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.26
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	3.81



Thermal And Moisture Protection			07
Thermal Protection			07 20
Roof and Deck Insulation			07 22

07

MINOR		DESCRIPTION	TOTAL DIRECT	DEMOLITION
CSI	UOM		UNIT COST	UNIT COST
07 22 16 00-0397	SF	2.75" Average Thickness (12.38 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened.....	5.62	
		For Mechanically Fastened To Concrete, Add	1.62	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.00	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.02	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.30	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.68	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.54	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.47	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.04	
07 22 16 00-0398	SF	3.25" Average Thickness (14.63 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened.....	6.07	
		For Mechanically Fastened To Concrete, Add	1.62	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.06	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.02	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.30	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.74	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.54	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.47	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.12	
07 22 16 00-0399	SF	3.75" Average Thickness (16.88 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened.....	6.68	
		For Mechanically Fastened To Concrete, Add	1.67	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.99	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.22	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.51	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.83	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.83	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.77	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.25	
07 22 16 00-0400	SF	4.25" Average Thickness (19.13 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened.....	7.13	
		For Mechanically Fastened To Concrete, Add	1.67	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.06	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.22	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.51	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.90	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.83	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.77	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.36	
07 22 16 00-0401	SF	4.75" Average Thickness (21.38 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened.....	8.60	
		For Mechanically Fastened To Concrete, Add	1.71	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.02	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.45	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.74	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	3.05	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	2.17	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	4.12	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.59	
07 22 16 00-0402	SF	5.25" Average Thickness (23.63 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened.....	9.06	
		For Mechanically Fastened To Concrete, Add	1.71	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.02	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.45	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.74	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	3.05	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	2.17	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	4.12	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.59	
07 22 16 00-0403	SF	5.75" Average Thickness (25.88 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened.....	9.78	
		For Mechanically Fastened To Concrete, Add	1.76	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.00	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.76	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	3.06	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	3.30	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	2.64	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	4.60	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.96	
07 22 16 00-0404	SF	6.25" Average Thickness (28.13 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened.....	10.24	
		For Mechanically Fastened To Concrete, Add	1.76	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.00	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.76	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	3.06	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	3.30	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	2.64	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	4.60	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.96	

07 Thermal And Moisture Protection**07 20 Thermal Protection****07 22 Roof and Deck Insulation**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0405	SF		6.75" Average Thickness (30.38 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened.....	11.80	
			For Mechanically Fastened To Concrete, Add	1.76	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.08	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	2.07	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	3.37	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	3.69	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	3.10	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	5.06	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	5.55	
07 22 16 00-0406			Mechanically Fastened, 1/4" Slope, Tapered Expanded Polystyrene Board (EPS) (07 22 16 00-0394)		
07 22 16 00-0407	SF		2" Average Thickness (9 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened.....	4.02	
			For Mechanically Fastened To Concrete, Add	1.58	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.95	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.90	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.17	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.54	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.35	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.26	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	3.81	
07 22 16 00-0408	SF		3" Average Thickness (13.5 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened.....	5.84	
			For Mechanically Fastened To Concrete, Add	1.62	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.00	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.02	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.30	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.68	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.54	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.47	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.04	
07 22 16 00-0409	SF		4" Average Thickness (18 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened.....	6.90	
			For Mechanically Fastened To Concrete, Add	1.67	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.99	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.22	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.51	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.83	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.83	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.77	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.25	
07 22 16 00-0410	SF		5" Average Thickness (22.5 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened.....	8.83	
			For Mechanically Fastened To Concrete, Add	1.71	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.02	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.45	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.74	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	3.05	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	2.17	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	4.12	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.59	
07 22 16 00-0411	SF		6" Average Thickness (27 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened.....	10.01	
			For Mechanically Fastened To Concrete, Add	1.76	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.00	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.76	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	3.06	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	3.30	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	2.64	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	4.60	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.96	
07 22 16 00-0412	SF		7" Average Thickness (31.5 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened.....	12.03	
			For Mechanically Fastened To Concrete, Add	1.76	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.08	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	2.07	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	3.37	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	3.69	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	3.10	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	5.06	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	5.55	
07 22 16 00-0413			Mechanically Fastened, 1/2" Slope, Tapered Expanded Polystyrene Board (EPS) (07 22 16 00-0394)		



Thermal And Moisture Protection			07
Thermal Protection			07 20
Roof and Deck Insulation			07 22

07

MINOR		DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
CSI	UOM			
07 22 16 00-0414	SF	3.5" Average Thickness (15.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened..... <i>For Mechanically Fastened To Concrete, Add</i> <i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i> <i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i> <i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i> <i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i> <i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i> <i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i> <i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	6.30 1.62 2.06 1.02 2.30 2.74 1.54 3.47 4.12	
07 22 16 00-0415	SF	5.5" Average Thickness (24.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened..... <i>For Mechanically Fastened To Concrete, Add</i> <i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i> <i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i> <i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i> <i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i> <i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i> <i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i> <i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	9.28 1.71 2.02 1.45 2.74 3.05 2.17 4.12 4.59	
07 22 16 00-0416	SF	7.5" Average Thickness (33.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened..... <i>For Mechanically Fastened To Concrete, Add</i> <i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i> <i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i> <i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i> <i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i> <i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i> <i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i> <i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	12.48 1.76 2.08 2.07 3.37 3.69 3.10 5.06 5.55	
07 22 16 00-0417	SF	9.5" Average Thickness (42.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened..... <i>For Mechanically Fastened To Concrete, Add</i> <i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i> <i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i> <i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i> <i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	16.39 1.70 2.90 4.11 4.35 6.15	
07 22 16 00-0418		Mechanically Fastened, Tapered Extruded Polystyrene Board (XEPS) (07 22 16 00-0369) Note: Mechanically fastened to wood or steel.		
07 22 16 00-0419		Mechanically Fastened, 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS) (07 22 16 00-0418)		
07 22 16 00-0420	SF	2.25" Average Thickness (12.38 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened..... <i>For Mechanically Fastened To Concrete, Add</i> <i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i> <i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i> <i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i> <i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i> <i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i> <i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i> <i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	4.79 1.58 1.95 0.90 2.17 2.54 1.35 3.26 3.81	
07 22 16 00-0421	SF	2.75" Average Thickness (15.125 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened..... <i>For Mechanically Fastened To Concrete, Add</i> <i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i> <i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i> <i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i> <i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i> <i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i> <i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i> <i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	6.15 1.62 2.00 1.02 2.30 2.68 1.54 3.47 4.04	
07 22 16 00-0422	SF	3.25" Average Thickness (17.88 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened..... <i>For Mechanically Fastened To Concrete, Add</i> <i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i> <i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i> <i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i> <i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i> <i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i> <i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i> <i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	8.07 1.62 2.06 1.02 2.30 2.74 1.54 3.47 4.12	
07 22 16 00-0423	SF	3.75" Average Thickness (20.63 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened..... <i>For Mechanically Fastened To Concrete, Add</i> <i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i> <i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i> <i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i> <i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i> <i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i> <i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i> <i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	7.45 1.67 1.99 1.22 2.51 2.83 1.83 3.77 4.25	

07 Thermal And Moisture Protection**07 20 Thermal Protection****07 22 Roof and Deck Insulation**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

07 22 16 00-0424	SF	4.25" Average Thickness (23.38 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	8.03
		For Mechanically Fastened To Concrete, Add	1.67
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.06
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.22
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.51
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.90
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.83
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.77
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.36
07 22 16 00-0425	SF	4.75" Average Thickness (26.13 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	9.50
		For Mechanically Fastened To Concrete, Add	1.71
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.02
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.45
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.74
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	3.05
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	2.17
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	4.12
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.59
07 22 16 00-0426	SF	5.25" Average Thickness (28.88 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	10.08
		For Mechanically Fastened To Concrete, Add	1.71
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.02
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.45
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.74
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	3.05
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	2.17
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	4.12
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.59
07 22 16 00-0427	SF	5.75" Average Thickness (31.63 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	10.92
		For Mechanically Fastened To Concrete, Add	1.76
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.00
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.76
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	3.06
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	3.30
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	2.64
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	4.60
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.96
07 22 16 00-0428	SF	6.25" Average Thickness (34.38 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	11.50
		For Mechanically Fastened To Concrete, Add	1.76
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.00
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.76
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	3.06
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	3.30
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	2.64
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	4.60
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.96
07 22 16 00-0429	SF	6.75" Average Thickness (37.13 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	13.05
		For Mechanically Fastened To Concrete, Add	1.76
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.08
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	2.07
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	3.37
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	3.69
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	3.10
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	5.06
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	5.55

07 22 16 00-0430 Mechanically Fastened, 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS)

07 22 16 00-0431	SF	2" Average Thickness (11 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	4.51
		For Mechanically Fastened To Concrete, Add	1.58
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.95
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.90
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.17
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.54
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.35
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.26
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	3.81
07 22 16 00-0432	SF	3" Average Thickness (16.5 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	6.44
		For Mechanically Fastened To Concrete, Add	1.62
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.00
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.02
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.30
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.68
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.54
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.47
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.04



Thermal And Moisture Protection			07
Thermal Protection			07 20
Roof and Deck Insulation			07 22

07

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0433	SF		4" Average Thickness (22 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened.....	7.74	
			For Mechanically Fastened To Concrete, Add	1.67	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.99	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.22	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.51	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.83	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.83	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.77	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.25	
07 22 16 00-0434	SF		5" Average Thickness (27.5 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened.....	9.79	
			For Mechanically Fastened To Concrete, Add	1.71	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.02	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.45	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.74	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	3.05	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	2.17	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	4.12	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.59	
07 22 16 00-0435	SF		6" Average Thickness (33 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened.....	11.21	
			For Mechanically Fastened To Concrete, Add	1.76	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.00	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.76	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	3.06	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	3.36	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	2.64	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	4.60	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.96	
07 22 16 00-0436	SF		7" Average Thickness (38.5 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened.....	13.34	
			For Mechanically Fastened To Concrete, Add	1.76	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.08	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	2.07	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	3.37	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	3.69	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	3.10	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	5.06	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	5.55	
07 22 16 00-0437			Mechanically Fastened, 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS) (07 22 16 00-0418)		
07 22 16 00-0438	SF		3.5" Average Thickness (19.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened.....	7.01	
			For Mechanically Fastened To Concrete, Add	1.62	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.06	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.02	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.30	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.74	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.54	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.47	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.12	
07 22 16 00-0439	SF		5.5" Average Thickness (30.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened.....	10.36	
			For Mechanically Fastened To Concrete, Add	1.71	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.02	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.45	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.74	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	3.05	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	2.17	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	4.12	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.59	
07 22 16 00-0440	SF		7.5" Average Thickness (41.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened.....	13.92	
			For Mechanically Fastened To Concrete, Add	1.76	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.08	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	2.07	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	3.37	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	3.69	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	3.10	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	5.06	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	5.55	
07 22 16 00-0441	SF		9.5" Average Thickness (52.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened.....	17.47	
			For Mechanically Fastened To Concrete, Add	1.70	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	2.90	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	4.11	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	4.35	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	6.15	
07 22 16 00-0442			Mechanically Fastened, Tapered Perlite Board (07 22 16 00-0369) Note: Mechanically fastened to wood or steel.		

07 Thermal And Moisture Protection**07 20 Thermal Protection****07 22 Roof and Deck Insulation**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

07 22 16 00-0443	Mechanically Fastened, 1/8" Slope, Tapered Perlite Board (07 22 16 00-0442)	
07 22 16 00-0444	SF 2.25" Average Thickness (6.26 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened	6.36
	For Mechanically Fastened To Concrete, Add	1.58
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.95
	For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.90
	For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.17
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.54
	For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.35
	For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.26
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	3.81
07 22 16 00-0445	SF 2.75" Average Thickness (7.65 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened	7.47
	For Mechanically Fastened To Concrete, Add	1.62
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.00
	For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.02
	For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.30
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.68
	For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.54
	For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.47
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.04
07 22 16 00-0446	SF 3.25" Average Thickness (9.04 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened	8.74
	For Mechanically Fastened To Concrete, Add	1.62
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.06
	For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.02
	For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.30
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.74
	For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.54
	For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.47
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.12
07 22 16 00-0447	SF 3.75" Average Thickness (10.43 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened	8.62
	For Mechanically Fastened To Concrete, Add	1.67
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.99
	For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.22
	For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.51
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.83
	For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.83
	For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.77
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.25
07 22 16 00-0448	SF 4.25" Average Thickness (11.82 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened	9.88
	For Mechanically Fastened To Concrete, Add	1.67
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.06
	For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.22
	For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.51
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.90
	For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.83
	For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.77
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.36
07 22 16 00-0449	SF 4.75" Average Thickness (13.21 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened	11.09
	For Mechanically Fastened To Concrete, Add	1.71
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.02
	For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.45
	For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.74
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	3.05
	For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	2.17
	For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	4.12
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.59
07 22 16 00-0450	SF 5.25" Average Thickness (14.60 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened	12.35
	For Mechanically Fastened To Concrete, Add	1.71
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.02
	For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.45
	For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.74
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	3.05
	For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	2.17
	For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	4.12
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.59
07 22 16 00-0451	SF 5.75" Average Thickness (15.99 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened	12.35
	For Mechanically Fastened To Concrete, Add	1.76
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.00
	For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.76
	For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	3.06
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	3.30
	For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	2.64
	For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	4.60
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.96
07 22 16 00-0452	SF 6.25" Average Thickness (17.38 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened	13.61
	For Mechanically Fastened To Concrete, Add	1.76
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.00
	For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.76
	For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	3.06
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	3.30
	For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	2.64
	For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	4.60
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.96



Thermal And Moisture Protection			07
Thermal Protection			07 20
Roof and Deck Insulation			07 22

07

MINOR		TOTAL DIRECT		DEMOLITION
CSI UOM DESCRIPTION		UNIT COST		UNIT COST
07 22 16 00-0453	SF 6.75" Average Thickness (18.77 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened.....	14.93		
	For Mechanically Fastened To Concrete, Add	1.76		
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.08		
	For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	2.07		
	For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	3.37		
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	3.69		
	For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	3.10		
	For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	5.06		
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	5.55		
07 22 16 00-0454	Mechanically Fastened, 1/4" Slope, Tapered Perlite Board (07 22 16 00-0442)			
07 22 16 00-0455	SF 2" Average Thickness (5.56 Average R-Value), 1/4" Slope, Tapered Perlite Board, Mechanically Fastened.....	5.72		
	For Mechanically Fastened To Concrete, Add	1.38		
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.95		
	For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.90		
	For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.17		
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.54		
	For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.35		
	For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.26		
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	3.81		
07 22 16 00-0456	SF 3" Average Thickness (8.34 Average R-Value), 1/4" Slope, Tapered Perlite Board, Mechanically Fastened.....	8.10		
	For Mechanically Fastened To Concrete, Add	1.62		
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.00		
	For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.02		
	For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.30		
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.68		
	For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.54		
	For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.47		
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.04		
07 22 16 00-0457	SF 4" Average Thickness (11.12 Average R-Value), 1/4" Slope, Tapered Perlite Board, Mechanically Fastened.....	9.25		
	For Mechanically Fastened To Concrete, Add	1.67		
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.99		
	For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.22		
	For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.51		
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.83		
	For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.63		
	For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.77		
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.25		
07 22 16 00-0458	SF 5" Average Thickness (13.9 Average R-Value), 1/4" Slope, Tapered Perlite Board, Mechanically Fastened.....	11.72		
	For Mechanically Fastened To Concrete, Add	1.71		
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.02		
	For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.45		
	For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.74		
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	3.05		
	For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	2.17		
	For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	4.12		
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.59		
07 22 16 00-0459	SF 6" Average Thickness (16.68 Average R-Value), 1/4" Slope, Tapered Perlite Board, Mechanically Fastened.....	12.98		
	For Mechanically Fastened To Concrete, Add	1.76		
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.00		
	For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.76		
	For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	3.06		
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	3.30		
	For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	2.64		
	For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	4.60		
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.96		
07 22 16 00-0460	SF 7" Average Thickness (19.46 Average R-Value), 1/4" Slope, Tapered Perlite Board, Mechanically Fastened.....	15.57		
	For Mechanically Fastened To Concrete, Add	1.76		
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.08		
	For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	2.07		
	For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	3.37		
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	3.69		
	For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	3.10		
	For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	5.06		
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	5.55		
07 22 16 00-0461	Mechanically Fastened, 1/2" Slope, Tapered Perlite Board (07 22 16 00-0442)			
07 22 16 00-0462	SF 3.5" Average Thickness (9.73 Average R-Value), 1/2" Slope, Tapered Perlite Board, Mechanically Fastened.....	9.36		
	For Mechanically Fastened To Concrete, Add	1.62		
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.06		
	For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.02		
	For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.30		
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.74		
	For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.54		
	For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.47		
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.12		

07 Thermal And Moisture Protection**07 20 Thermal Protection****07 22 Roof and Deck Insulation**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

07 22 16 00-0463	SF	5.5" Average Thickness (15.29 Average R-Value), 1/2" Slope, Tapered Perlite Board, Mechanically Fastened	12.98
		<i>For Mechanically Fastened To Concrete, Add</i>	1.71
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	2.02
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	1.45
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.74
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	3.05
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	2.17
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	4.12
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	4.59
07 22 16 00-0464	SF	7.5" Average Thickness (20.85 Average R-Value), 1/2" Slope, Tapered Perlite Board, Mechanically Fastened	16.83
		<i>For Mechanically Fastened To Concrete, Add</i>	1.76
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	2.08
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	2.07
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	3.37
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	3.69
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	3.10
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	5.06
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	5.55
07 22 16 00-0465	SF	9.5" Average Thickness (26.41 Average R-Value), 1/2" Slope, Tapered Perlite Board, Mechanically Fastened	20.90
		<i>For Mechanically Fastened To Concrete, Add</i>	1.70
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	2.90
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	4.11
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	3.69
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	4.35
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	6.15
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	5.55

07 22 16 00-0466 Demolish Rigid Board Roofing Insulation (07 22 16)

Note: Includes removing any combination of roofing insulation systems and/or recovery board. Includes removal of any basic roof accessories and any sheet metals; except special existing conditions (mechanical equipment piping, electrical, ducts, etc.).

07 22 16 00-0467	SF	Demolish Up To 1/2" Average Thickness, Rigid Board Roofing Insulation	0.60
07 22 16 00-0468	SF	Demolish >1/2" To 1" Average Thickness, Rigid Board Roofing Insulation	0.62
07 22 16 00-0469	SF	Demolish >1" To 2" Average Thickness, Rigid Board Roofing Insulation	0.63
07 22 16 00-0470	SF	Demolish >2" To 3" Average Thickness, Rigid Board Roofing Insulation	0.66
07 22 16 00-0471	SF	Demolish >3" To 4" Average Thickness, Rigid Board Roofing Insulation	0.67
07 22 16 00-0472	SF	Demolish >4" To 5" Average Thickness, Rigid Board Roofing Insulation	0.69
07 22 16 00-0473	SF	Demolish >5" To 6" Average Thickness, Rigid Board Roofing Insulation	0.71
07 22 16 00-0474	SF	Demolish >6" To 7" Average Thickness, Rigid Board Roofing Insulation	0.72
07 22 16 00-0475	SF	Demolish >7" To 8" Average Thickness, Rigid Board Roofing Insulation	0.74
07 22 16 00-0476	SF	Demolish >8" To 9" Average Thickness, Rigid Board Roofing Insulation	0.76
07 22 16 00-0477	SF	Demolish >9" To 10" Average Thickness, Rigid Board Roofing Insulation	0.77
07 22 16 00-0478	SF	Demolish >10" To 11" Average Thickness, Rigid Board Roofing Insulation	0.79
07 22 16 00-0479	SF	Demolish >11" To 12" Average Thickness, Rigid Board Roofing Insulation	0.81

07 24 Exterior Insulation and Finish Systems (07 20)**07 24 13 Polymer-Based Exterior Insulation and Finish System (07 24)****07 24 13 00-0001 Exterior Insulation Finishing System (EIFS) (07 24 13)****07 24 13 00-0002 Insulation For Exterior Insulation Finishing Systems (EIFS) (07 24 13 00-0001)**

07 24 13 00-0003	SF	1" Thick, R3.85, Molded Expanded Polystyrene, Foam Board Insulation For Exterior Insulation Finishing Systems (EIFS), Adhesive Applied	3.81
		<i>For Up To 100, Add</i>	0.77
		<i>For >100 To 500, Add</i>	0.38
		<i>For >5,000, Deduct</i>	-0.15
		<i>For Adhesive And Mechanically Fastened To Wood Or Steel, Add</i>	1.49
		<i>For Adhesive And Mechanically Fastened To Concrete Or Masonry, Add</i>	2.22
07 24 13 00-0004	SF	1-1/2" Thick, R5.78, Molded Expanded Polystyrene, Foam Board Insulation For Exterior Insulation Finishing Systems (EIFS), Adhesive Applied	4.29
		<i>For Up To 100, Add</i>	0.78
		<i>For >100 To 500, Add</i>	0.39
		<i>For >5,000, Deduct</i>	-0.16
		<i>For Adhesive And Mechanically Fastened To Wood Or Steel, Add</i>	1.52
		<i>For Adhesive And Mechanically Fastened To Concrete Or Masonry, Add</i>	2.24
07 24 13 00-0005	SF	2" Thick, R7.70, Molded Expanded Polystyrene, Foam Board Insulation For Exterior Insulation Finishing Systems (EIFS), Adhesive Applied	4.77
		<i>For Up To 100, Add</i>	0.79
		<i>For >100 To 500, Add</i>	0.40
		<i>For >5,000, Deduct</i>	-0.16
		<i>For Adhesive And Mechanically Fastened To Wood Or Steel, Add</i>	1.69
		<i>For Adhesive And Mechanically Fastened To Concrete Or Masonry, Add</i>	2.38
07 24 13 00-0006	SF	2-1/2" Thick, R9.63, Molded Expanded Polystyrene, Foam Board Insulation For Exterior Insulation Finishing Systems (EIFS), Adhesive Applied	5.24
		<i>For Up To 100, Add</i>	0.80
		<i>For >100 To 500, Add</i>	0.40
		<i>For >5,000, Deduct</i>	-0.16
		<i>For Adhesive And Mechanically Fastened To Wood Or Steel, Add</i>	1.77
		<i>For Adhesive And Mechanically Fastened To Concrete Or Masonry, Add</i>	2.50



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 24 13 00-0007	SF		3" Thick, R11.55, Molded Expanded Polystyrene, Foam Board Insulation For Exterior Insulation Finishing Systems (EIFS), Adhesive Applied.....	5.71	
			For Up To 100, Add	0.61	
			For >100 To 500, Add	0.41	
			For >5,000, Deduct	-0.16	
			For Adhesive And Mechanically Fastened To Wood Or Steel, Add	1.77	
			For Adhesive And Mechanically Fastened To Concrete Or Masonry, Add	2.50	
07 24 13 00-0008	SF		4" Thick, R15.40, Molded Expanded Polystyrene, Foam Board Insulation For Exterior Insulation Finishing Systems (EIFS), Adhesive Applied.....	6.63	
			For Up To 100, Add	0.82	
			For >100 To 500, Add	0.41	
			For >5,000, Deduct	-0.16	
			For Adhesive And Mechanically Fastened To Wood Or Steel, Add	1.99	
			For Adhesive And Mechanically Fastened To Concrete Or Masonry, Add	2.68	
07 24 13 00-0009			Fiberglass Reinforcing Mesh For Exterior Insulation Finishing Systems (EIFS) (07 24 13 00-0001)		
			Note: Includes applying a layer of base coat to the insulation board and fully embedding the reinforcing fabric in the wet base coat.		
07 24 13 00-0010	SF		4.3 OZ, Fiberglass Reinforcing Mesh For Exterior Insulation Finishing Systems (EIFS) (Dryvit S-Mesh), Embedded In A Layer Of Base Coat.....	5.08	
			For Up To 100, Add	1.54	
			For >100 To 500, Add	0.77	
			For >5,000, Deduct	-0.31	
07 24 13 00-0011	SF		6.0 OZ, Fiberglass Reinforcing Mesh For Exterior Insulation Finishing Systems (EIFS) (Dryvit SP-Mesh), Embedded In A Layer Of Base Coat.....	5.67	
			For Up To 100, Add	1.54	
			For >100 To 500, Add	0.77	
			For >5,000, Deduct	-0.31	
07 24 13 00-0012	SF		15.0 OZ, Fiberglass Reinforcing Mesh For Exterior Insulation Finishing Systems (EIFS) (Dryvit Panzer® 15), Embedded In A Layer Of Base Coat.....	7.27	
			For Up To 100, Add	1.54	
			For >100 To 500, Add	0.77	
			For >5,000, Deduct	-0.31	
07 24 13 00-0013	SF		20.0 OZ, Fiberglass Reinforcing Mesh For Exterior Insulation Finishing Systems (EIFS) (Dryvit Panzer® 20), Embedded In A Layer Of Base Coat.....	7.75	
			For Up To 100, Add	1.54	
			For >100 To 500, Add	0.77	
			For >5,000, Deduct	-0.31	
07 24 13 00-0014			Base Coats For Exterior Insulation Finishing Systems (EIFS) (07 24 13 00-0001)		
07 24 13 00-0015	SF		Polymer-Based, Fiber-Reinforced Base Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Genesis® DM).....	2.47	
			For Up To 100, Add	0.77	
			For >100 To 500, Add	0.38	
			For >5,000, Deduct	-0.15	
07 24 13 00-0016	SF		Acrylic-Modified, Fiber-Reinforced Base Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Genesis®).....	2.91	
			For Up To 100, Add	0.77	
			For >100 To 500, Add	0.38	
			For >5,000, Deduct	-0.15	
07 24 13 00-0017	SF		Water Resistant, Acrylic Co-Polymer Base Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Dryflex®).....	5.28	
			For Up To 100, Add	0.77	
			For >100 To 500, Add	0.38	
			For >5,000, Deduct	-0.15	
07 24 13 00-0018	SF		Hydrostatic Water Resistant, Acrylic Co-Polymer Base Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Dryflex®).....	7.16	
			For Up To 100, Add	0.77	
			For >100 To 500, Add	0.38	
			For >5,000, Deduct	-0.15	
07 24 13 00-0019			Finish Coats For Exterior Insulation Finishing Systems (EIFS) (07 24 13 00-0001)		
			Note: Includes all standard manufacturers' colors.		
07 24 13 00-0020	SF		100% Acrylic-Based Aggregate Fine Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit DPR Finish).....	4.13	
			For Up To 100, Add	1.54	
			For >100 To 500, Add	0.77	
			For >5,000, Deduct	-0.31	
07 24 13 00-0021	SF		100% Acrylic-Based Aggregate Textured Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit DPR Finish).....	4.22	
			For Up To 100, Add	1.54	
			For >100 To 500, Add	0.77	
			For >5,000, Deduct	-0.31	
07 24 13 00-0022	SF		Lightweight Elastic, 100% Acrylic-Based Aggregate Fine Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit E™ Finish).....	4.92	
			For Up To 100, Add	1.54	
			For >100 To 500, Add	0.77	
			For >5,000, Deduct	-0.31	

07 Thermal And Moisture Protection**07 20 Thermal Protection****07 24 Exterior Insulation and Finish Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 24 13 00-0023	SF		Lightweight Elastic, 100% Acrylic-Based Aggregate Textured Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit E™ Finish).....	5.53	
			For Up To 100, Add	1.54	
			For >100 To 500, Add	0.77	
			For >5,000, Deduct	-0.31	
07 24 13 00-0024	SF		Mildew Resistant, 100% Acrylic-Based Aggregate Fine Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit PMR™ Finish).....	4.92	
			For Up To 100, Add	1.54	
			For >100 To 500, Add	0.77	
			For >5,000, Deduct	-0.31	
07 24 13 00-0025	SF		Mildew Resistant, 100% Acrylic-Based Aggregate Textured Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit PMR™ Finish).....	5.54	
			For Up To 100, Add	1.54	
			For >100 To 500, Add	0.77	
			For >5,000, Deduct	-0.31	
07 24 13 00-0026	SF		Flexible Elastomeric, 100% Acrylic-Based Smooth Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Weatherlastic® Smooth).....	4.32	
			For Up To 100, Add	1.54	
			For >100 To 500, Add	0.77	
			For >5,000, Deduct	-0.31	
07 24 13 00-0027	SF		Flexible Elastomeric, 100% Acrylic-Based Textured Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Weatherlastic®).....	4.97	
			For Up To 100, Add	1.54	
			For >100 To 500, Add	0.77	
			For >5,000, Deduct	-0.31	
07 24 13 00-0028	SF		100% Acrylic-Based Finish With Multi-Colored Quartz Aggregates, Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Ameristone™).....	10.46	
			For Up To 100, Add	1.54	
			For >100 To 500, Add	0.77	
			For >5,000, Deduct	-0.31	
07 24 13 00-0029			Primer And Sealers For Exterior Insulation Finishing Systems (EIFS) (07 24 13 00-0001)		
07 24 13 00-0030	SF		100% Acrylic-Based Primer/Adhesion Promoter For Exterior Insulation Finishing Systems (EIFS) (Dryvit Prymit®).....	1.25	
			For Up To 100, Add	0.43	
			For >100 To 500, Add	0.22	
			For >5,000, Deduct	-0.09	
07 24 13 00-0031	SF		100% Acrylic Emulsion Primer/Sealer For Exterior Insulation Finishing Systems (EIFS) (Dryvit SealClear™).....	1.28	
			For Up To 100, Add	0.43	
			For >100 To 500, Add	0.22	
			For >5,000, Deduct	-0.09	
07 24 13 00-0032			Air/Water/Vapor Barriers For Exterior Insulation Finishing Systems (EIFS) (07 24 13 00-0001)		
07 24 13 00-0033	SF		Smooth, High Performance, Polymer-Based, Non-Cementitious Water-Resistive Membrane And Air Barrier For Exterior Insulation Finishing Systems (EIFS) (Dryvit Backstop® NT™), Per Coat.....	1.76	
			For Up To 100, Add	0.43	
			For >100 To 500, Add	0.22	
			For >5,000, Deduct	-0.09	
07 24 13 00-0034	SF		Texture, High Performance, Polymer-Based, Non-Cementitious Water-Resistive Membrane And Air Barrier For Exterior Insulation Finishing Systems (EIFS) (Dryvit Backstop® NT™), Per Coat.....	2.21	
			For Up To 100, Add	0.43	
			For >100 To 500, Add	0.22	
			For >5,000, Deduct	-0.09	
07 24 13 00-0035			Drainage Accessories For Exterior Insulation Finishing Systems (EIFS) (07 24 13 00-0001)		
07 24 13 00-0036	SF		1/8" Thick, Flexible Polyamide Drainage Mat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Drainage Mat).....	2.76	
			For Up To 100, Add	0.48	
			For >100 To 500, Add	0.24	
			For >5,000, Deduct	-0.10	
07 24 13 00-0037			Starter Tracks For Exterior Insulation Finishing Systems (EIFS) (07 24 13 00-0001)		
07 24 13 00-0038	LF		1" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track (Dryvit Starter Trac STWP).....	4.08	
07 24 13 00-0039	LF		1-1/2" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track (Dryvit Starter Trac STWP).....	4.41	
07 24 13 00-0040	LF		2" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track (Dryvit Starter Trac STWP).....	4.80	
07 24 13 00-0041	LF		3" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track (Dryvit Starter Trac STWP).....	5.61	
07 24 13 00-0042	LF		1" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track With Drip Edge (Dryvit Starter Trac STDE).....	4.41	
07 24 13 00-0043	LF		1-1/2" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track With Drip Edge (Dryvit Starter Trac STDE).....	4.80	
07 24 13 00-0044	LF		2" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track With Drip Edge (Dryvit Starter Trac STDE).....	5.18	
07 24 13 00-0045	LF		3" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track With Drip Edge (Dryvit Starter Trac STDE).....	6.08	
07 24 13 00-0046			Demolish Exterior Insulation Finishing Systems (EIFS) (07 24 13 00-0001)		



Thermal And Moisture Protection		07
Thermal Protection		07 20
Exterior Insulation and Finish Systems		07 24

07

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 24 13 00-0047	SF		Demolish Exterior Insulation Finishing Systems (EIFS).....	6.42	
			Note: Includes demolition of all finish coats, base coats, reinforcing layers and insulation layers down to the substrate. Excludes demolition of sheathing.		
			For Up To 100, Add	3.27	
			For >100 To 500, Add	1.61	
			For >5,000, Deduct	-0.64	

07 25 Weather Barriers (07)**07 26 Vapor Retarders** (07 25)**07 26 13 Above-Grade Vapor Retarders** (07 26)

07 26 13 00-0001	CSF	Two Layer Kraft Paper Laminated With Asphalt, Grade "B" Building Paper (Aquabar B).....	30.21	
07 26 13 00-0002	CSF	Asphalt Saturated Kraft Building Paper, Grade D (Fortifiber Jumbo Tex).....	27.94	
07 26 13 00-0003	CSF	60 Minute Asphalt Saturated Kraft Building Paper, Grade D (Fortifiber Super Jumbo Tex 60 Minute).....	35.20	
07 26 13 00-0004	CSF	Two Ply 60 Minute Asphalt Saturated Kraft Building Paper, Grade D (Fortifiber Two Ply Super Jumbo Tex 60 Minute).....	45.84	
07 26 13 00-0005	CSF	Regular Weight Red Rosin Sized Sheathing.....	25.61	
07 26 13 00-0006	CLF	6" Wide Two Layer Kraft Paper Laminated With Asphalt, Building Flashing Paper (Bond Beam Paper).....	85.95	
07 26 13 00-0007	CLF	4" Wide Self Adhering Butyl Sealing Tape.....	132.14	
07 26 13 00-0008	CLF	6" Wide Self Adhesive Butyl Sealing Tape.....	191.60	
07 26 13 00-0009	CLF	9" Wide Self Adhesive Butyl Sealing Tape.....	267.18	
07 26 13 00-0010	CSF	Building Wrap (Tyvek).....	72.22	

07 27 Air Barriers (07 25)**07 27 23 Board Product Air Barriers** (07 27)**07 27 23 00-0001 Barriers For Plenums** (07 27 23)

07 27 23 00-0002	SF	0.5" Thick Leaded Vinyl Acoustic Plenum Barrier 0.48 LB/SF.....	12.76	3.25
		For Up To 50, Add	4.47	
		For >50 To 200, Add	2.55	
		For >200 To 500, Add	0.96	
		For >2,500, Deduct	-0.64	
07 27 23 00-0003	SF	0.625" Thick Leaded Vinyl Acoustic Plenum Barrier 0.87 LB/SF.....	13.78	3.25
		For Up To 50, Add	4.87	
		For >50 To 200, Add	2.78	
		For >200 To 500, Add	1.04	
		For >2,500, Deduct	-0.69	
07 27 23 00-0004	SF	Aluminum Foil Fiberglass Reinforced Plenum Bar Parallel With Joists 1" Thick.....	4.77	2.16
		For Up To 50, Add	2.30	
		For >50 To 200, Add	1.27	
		For >200 To 500, Add	0.44	
		For >2,500, Deduct	-0.24	
07 27 23 00-0005	SF	Aluminum Foil Fiberglass Reinforced Plenum Bar Perpendicular With Joists 1" Thick.....	8.74	3.25
		For Up To 50, Add	4.11	
		For >50 To 200, Add	2.27	
		For >200 To 500, Add	0.79	
		For >2,500, Deduct	-0.44	
07 27 23 00-0006	SF	Aluminum Mesh Barrier For Plenum Kraft Paper Backed.....	6.19	2.16
		For Up To 50, Add	2.51	
		For >50 To 200, Add	1.41	
		For >200 To 500, Add	0.51	
		For >2,500, Deduct	-0.31	
07 27 23 00-0007	SF	1/64" Thick Sheet Lead Barrier For Plenum 1 LB/SF.....	9.93	2.16
		For Up To 50, Add	2.93	
		For >50 To 200, Add	1.72	
		For >200 To 500, Add	0.68	
		For >2,500, Deduct	-0.50	

07 27 23 00-0008 Under Slab Insulation, Extruded Polystyrene (XPS) Sheets (07 27 23)

07 27 23 00-0009	SF	1" Extruded Polystyrene Foam (XPS) Sheet Under Slab Insulation.....	2.00	
07 27 23 00-0010	SF	2" Extruded Polystyrene Foam (XPS) Sheet Under Slab Insulation.....	3.04	
07 27 23 00-0011	SF	3" Extruded Polystyrene Foam (XPS) Sheet Under Slab Insulation.....	3.96	
07 27 23 00-0012	SF	4" Extruded Polystyrene Foam (XPS) Sheet Under Slab Insulation.....	4.88	

07 30 Steep Slope Roofing (07)

Note: Includes starter strips and manufacturer's product specific warranties.

07 31 Shingles and Shakes (07 30)**07 31 13 Asphalt Shingles** (07 31)**07 31 13 13 Fiberglass-Reinforced Asphalt Shingles** (07 31 13)**07 31 13 13-0001 Three Tab Fiberglass Reinforced, Asphalt Composition Shingle** (07 31 13 13)

Note: Excludes underlayment, drip edges, and ridge vent/shingles.

07 Thermal And Moisture Protection**07 30 Steep Slope Roofing****07 31 Shingles and Shakes**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 31 13 13-0002	SQ		200 LB/SQ, 5" Exposure, Three Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed CT 20)	290.36	198.31
			<i>For >35 To 75, Deduct</i>	-11.00	
			<i>For >75 To 100, Deduct</i>	-17.71	
			<i>For >100 To 200, Deduct</i>	-26.62	
			<i>For >200, Deduct</i>	-40.04	
			<i>For Steep Roof, Over 7 To 12, Add</i>	57.71	
07 31 13 13-0003	SQ		220 LB/SQ, 5" Exposure, Three Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed XT 25)	304.52	208.26
			<i>For >35 To 75, Deduct</i>	-11.52	
			<i>For >75 To 100, Deduct</i>	-18.56	
			<i>For >100 To 200, Deduct</i>	-27.90	
			<i>For >200, Deduct</i>	-41.97	
			<i>For Steep Roof, Over 7 To 12, Add</i>	60.59	
07 31 13 13-0004	SQ		230 LB/SQ, 5" Exposure, Three Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed XT 30)	350.62	218.65
			<i>For >35 To 75, Deduct</i>	-15.18	
			<i>For >75 To 100, Deduct</i>	-23.18	
			<i>For >100 To 200, Deduct</i>	-34.23	
			<i>For >200, Deduct</i>	-50.24	
			<i>For Steep Roof, Over 7 To 12, Add</i>	63.63	
07 31 13 13-0005			Architectural Fiberglass Reinforced, Asphalt Composition Shingle (07 31 13 13)		
			Note: Excludes underlayment, drip edges, and ridge vent/shingles.		
07 31 13 13-0006	SQ		245 LB/SQ, 5" Exposure, Two Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Landmark)	362.60	253.16
			<i>For >35 To 75, Deduct</i>	-13.25	
			<i>For >75 To 100, Deduct</i>	-21.65	
			<i>For >100 To 200, Deduct</i>	-32.70	
			<i>For >200, Deduct</i>	-49.51	
			<i>For Steep Roof, Over 7 To 12, Add</i>	73.64	
07 31 13 13-0007	SQ		240 LB/SQ, 8" Exposure, Four Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Highland Slate)	381.67	241.04
			<i>For >35 To 75, Deduct</i>	-16.25	
			<i>For >75 To 100, Deduct</i>	-24.98	
			<i>For >100 To 200, Deduct</i>	-36.96	
			<i>For >200, Deduct</i>	-54.42	
			<i>For Steep Roof, Over 7 To 12, Add</i>	70.14	
07 31 13 13-0008	SQ		265 LB/SQ, 5" Exposure, Two Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Landmark Plus)	413.83	265.82
			<i>For >35 To 75, Deduct</i>	-17.21	
			<i>For >75 To 100, Deduct</i>	-26.70	
			<i>For >100 To 200, Deduct</i>	-39.63	
			<i>For >200, Deduct</i>	-58.60	
			<i>For Steep Roof, Over 7 To 12, Add</i>	77.34	
07 31 13 13-0009	SQ		235 LB/SQ, 8" Exposure, Four Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Hatteras)	397.42	229.57
			<i>For >35 To 75, Deduct</i>	-18.87	
			<i>For >75 To 100, Deduct</i>	-27.86	
			<i>For >100 To 200, Deduct</i>	-40.63	
			<i>For >200, Deduct</i>	-58.62	
			<i>For Steep Roof, Over 7 To 12, Add</i>	66.78	
07 31 13 13-0010	SQ		300 LB/SQ, 5" Exposure, Two Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Landmark Premium)	448.20	279.12
			<i>For >35 To 75, Deduct</i>	-19.45	
			<i>For >75 To 100, Deduct</i>	-29.68	
			<i>For >100 To 200, Deduct</i>	-43.81	
			<i>For >200, Deduct</i>	-64.27	
			<i>For Steep Roof, Over 7 To 12, Add</i>	81.18	
07 31 13 13-0011	SQ		300 LB/SQ, 5" Exposure, Random Laminated Tabs, One Piece, Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Independence)	476.71	279.12
			<i>For >35 To 75, Deduct</i>	-22.30	
			<i>For >75 To 100, Deduct</i>	-33.10	
			<i>For >100 To 200, Deduct</i>	-48.37	
			<i>For >200, Deduct</i>	-69.97	
			<i>For Steep Roof, Over 7 To 12, Add</i>	81.18	
07 31 13 13-0012	SQ		355 LB/SQ, 4" Exposure, Sculpted Edge, Two Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Presidential Shake)	520.84	307.69
			<i>For >35 To 75, Deduct</i>	-24.11	
			<i>For >75 To 100, Deduct</i>	-35.92	
			<i>For >100 To 200, Deduct</i>	-52.56	
			<i>For >200, Deduct</i>	-76.19	
			<i>For Steep Roof, Over 7 To 12, Add</i>	89.53	
07 31 13 13-0013	SQ		340 LB/SQ, 5" Exposure, Three Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Landmark TL)	515.54	293.08
			<i>For >35 To 75, Deduct</i>	-24.92	
			<i>For >75 To 100, Deduct</i>	-36.56	
			<i>For >100 To 200, Deduct</i>	-53.19	
			<i>For >200, Deduct</i>	-76.47	
			<i>For Steep Roof, Over 7 To 12, Add</i>	85.23	
07 31 13 13-0014	SQ		300 LB/SQ, 5" Exposure, Reflective Two Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Landmark Solaris)	511.77	279.12
			<i>For >35 To 75, Deduct</i>	-25.81	
			<i>For >75 To 100, Deduct</i>	-37.31	
			<i>For >100 To 200, Deduct</i>	-53.98	
			<i>For >200, Deduct</i>	-76.98	
			<i>For Steep Roof, Over 7 To 12, Add</i>	81.18	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 31 13 13-0015	SQ		355 LB/SQ, 8" Exposure, Two Full Size Layers, Four Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Centennial Slate).....	597.59	307.69
			For >35 To 75, Deduct.....	-31.78	
			For >75 To 100, Deduct.....	-45.13	
			For >100 To 200, Deduct.....	-64.84	
			For >200, Deduct.....	-91.54	
			For Steep Roof, Over 7 To 12, Add.....	89.53	
07 31 13 13-0016	SQ		355 LB/SQ, 8" Exposure, Scalloped Cut, Two Full Size Layers, Four Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Carriage House).....	617.58	307.69
			For >35 To 75, Deduct.....	-33.78	
			For >75 To 100, Deduct.....	-47.53	
			For >100 To 200, Deduct.....	-68.04	
			For >200, Deduct.....	-95.54	
			For Steep Roof, Over 7 To 12, Add.....	89.53	
07 31 13 13-0017	SQ		480 LB/SQ, 4" Exposure, Sculpted Edge, Three Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Presidential Shake TL).....	685.90	339.28
			For >35 To 75, Deduct.....	-37.75	
			For >75 To 100, Deduct.....	-53.01	
			For >100 To 200, Deduct.....	-75.82	
			For >200, Deduct.....	-106.34	
			For Steep Roof, Over 7 To 12, Add.....	98.70	
07 31 13 13-0018	SQ		425 LB/SQ, 8" Exposure, Random Laminated Tabs, Two Full Size Layers, Four Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed GrandManor).....	674.64	323.05
			For >35 To 75, Deduct.....	-38.09	
			For >75 To 100, Deduct.....	-53.05	
			For >100 To 200, Deduct.....	-75.63	
			For >200, Deduct.....	-105.56	
			For Steep Roof, Over 7 To 12, Add.....	93.99	
07 31 13 13-0019			Asphalt Shingle Accessories (07 31 13 13).....		
07 31 13 13-0020	LF		Hip And Ridge Roll Vent.....	8.78	1.19
			Note: Excludes shingles.....		
07 31 13 13-0021	LF		Three Tab Hip And Ridge Shingles.....	4.10	2.95
07 31 13 13-0022	LF		Architectural Hip And Ridge Shingles.....	4.94	3.28
07 31 13 13-0023	SQ		Demolish Each Additional Layer Of Shingles.....	91.96	
07 31 16			Metal Shingles (07 31).....		
07 31 16 00-0001			Aluminum Shingles (07 31 16).....		
07 31 16 00-0002	SQ		Aluminum Shingles, Mill Finish, 0.020" Thick.....	773.07	191.13
			For Colors, Anodized Finish, Add.....	30.00	
			For Bonderized Finish, Add.....	47.00	
			For 1" Factory Applied Polystyrene, Add.....	37.00	
07 31 16 00-0003	SQ		Aluminum Shingles, Mill Finish, 0.030" Thick.....	1,046.53	208.90
			For Colors, Anodized Finish, Add.....	30.00	
			For Bonderized Finish, Add.....	47.00	
			For 1" Factory Applied Polystyrene, Add.....	37.00	
07 31 16 00-0004	LF		Aluminum Shingles, Ridge Cap, 0.020" Thick.....	14.00	2.75
07 31 16 00-0005	LF		Aluminum Shingles, Ridge Cap, 0.030" Thick.....	14.64	2.75
07 31 16 00-0006	LF		Aluminum Shingles, Valley Section, 0.020" Thick.....	9.24	2.75
07 31 16 00-0007	LF		Aluminum Shingles, Valley Section, 0.030" Thick.....	10.51	2.75
07 31 16 00-0008			Galvanized Steel Shingles (07 31 16).....		
07 31 16 00-0009	SQ		24 Gauge, 0.0276" Thickness, Galvanized Steel Shingles.....	604.89	166.54
			For Factory Applied 1" Polystyrene Insulation, Add.....	24.75	
			For >50 To 75, Deduct.....	-10.87	
			For >75 To 100, Deduct.....	-27.35	
			For >100 To 200, Deduct.....	-46.55	
			For >200, Deduct.....	-63.03	
			For Steep Roof, Over 7 To 12, Add.....	106.60	
07 31 16 00-0010	SQ		26 Gauge, 0.0217" Thickness, Galvanized Steel Shingles.....	579.67	165.21
			For Factory Applied 1" Polystyrene Insulation, Add.....	24.75	
			For >50 To 75, Deduct.....	-9.97	
			For >75 To 100, Deduct.....	-25.71	
			For >100 To 200, Deduct.....	-43.95	
			For >200, Deduct.....	-59.68	
			For Steep Roof, Over 7 To 12, Add.....	105.70	
07 31 16 00-0011	SQ		24 Gauge, 0.0276" Thickness, Galvanized And Bonderized Steel Shingles.....	1,001.08	166.54
			For Factory Applied 1" Polystyrene Insulation, Add.....	24.75	
			For >50 To 75, Deduct.....	-26.72	
			For >75 To 100, Deduct.....	-55.08	
			For >100 To 200, Deduct.....	-90.13	
			For >200, Deduct.....	-118.50	
			For Steep Roof, Over 7 To 12, Add.....	106.60	
07 31 16 00-0012	SQ		26 Gauge, 0.0276" Thickness, Galvanized And Bonderized Steel Shingles.....	915.90	165.21
			For Factory Applied 1" Polystyrene Insulation, Add.....	24.75	
			For >50 To 75, Deduct.....	-23.42	
			For >75 To 100, Deduct.....	-49.25	
			For >100 To 200, Deduct.....	-80.93	
			For >200, Deduct.....	-106.76	
			For Steep Roof, Over 7 To 12, Add.....	105.70	

07 Thermal And Moisture Protection**07 30 Steep Slope Roofing****07 31 Shingles and Shakes**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 31 16 00-0013	LF		Galvanized Steel Shingles, Ridge Or Valley	10.08	2.22
			For Factory Applied 1" Polystyrene Insulation, Add	24.75	
			For >50 To 75, Deduct	-0.23	
			For >75 To 100, Deduct	-0.51	
			For >100 To 200, Deduct	-0.85	
			For >200, Deduct	-1.13	
			For Steep Roof, Over 7 To 12, Add	1.39	
07 31 26			Slate Shingles (07 31)		
			Note: Includes 30 LB felt and fasteners.		
07 31 26 00-0001			Shingles Including 30 LB Felt And Nails (07 31 26)		
07 31 26 00-0002	SQ		Slate Shingles, Buckingham, Virginia Black, 3/16" Thick	1,561.83	284.08
			For >50 To 75, Deduct	-37.22	
			For >75 To 100, Deduct	-80.92	
			For >100 To 200, Deduct	-133.93	
			For >200, Deduct	-177.63	
			For Graduated Shapes, Add	139.59	
			For Steep Roof, Over 7 To 12, Add	202.00	
07 31 26 00-0003	SQ		Slate Shingles, Buckingham, Virginia Black, 1/4" Thick	1,819.21	284.08
			For >50 To 75, Deduct	-47.52	
			For >75 To 100, Deduct	-98.94	
			For >100 To 200, Deduct	-162.24	
			For >200, Deduct	-213.66	
			For Graduated Shapes, Add	178.20	
			For Steep Roof, Over 7 To 12, Add	202.00	
07 31 26 00-0004	SQ		Slate Shingles, Penn Black Bangor	1,742.00	284.08
			For >50 To 75, Deduct	-44.43	
			For >75 To 100, Deduct	-93.53	
			For >100 To 200, Deduct	-153.75	
			For >200, Deduct	-202.85	
			For Graduated Shapes, Add	166.61	
			For Steep Roof, Over 7 To 12, Add	202.00	
07 31 26 00-0005	SQ		Slate Shingles, Vermont, Unfading Colors, Green	1,767.74	284.08
			For >50 To 75, Deduct	-45.46	
			For >75 To 100, Deduct	-95.34	
			For >100 To 200, Deduct	-156.58	
			For >200, Deduct	-206.45	
			For Graduated Shapes, Add	170.48	
			For Steep Roof, Over 7 To 12, Add	202.00	
07 31 26 00-0006	SQ		Slate Shingles, Vermont, Unfading Colors, Semi-Weathered, Green/Gray	1,870.69	284.08
			For >50 To 75, Deduct	-49.58	
			For >75 To 100, Deduct	-102.54	
			For >100 To 200, Deduct	-167.90	
			For >200, Deduct	-220.87	
			For Graduated Shapes, Add	185.92	
			For Steep Roof, Over 7 To 12, Add	202.00	
07 31 26 00-0007	SQ		Slate Shingles, Vermont, Unfading Color, Purple	1,742.00	284.08
			For >50 To 75, Deduct	-44.43	
			For >75 To 100, Deduct	-93.53	
			For >100 To 200, Deduct	-153.75	
			For >200, Deduct	-202.85	
			For Graduated Shapes, Add	166.61	
			For Steep Roof, Over 7 To 12, Add	202.00	
07 31 26 00-0008	SQ		Slate Shingles, Vermont, Unfading Color, Black Or Gray	1,664.79	284.08
			For >50 To 75, Deduct	-41.34	
			For >75 To 100, Deduct	-88.13	
			For >100 To 200, Deduct	-145.25	
			For >200, Deduct	-192.04	
			For Graduated Shapes, Add	155.03	
			For Steep Roof, Over 7 To 12, Add	202.00	
07 31 26 00-0009	SQ		Slate Shingles, Vermont, Unfading Color, Red	3,273.05	284.08
			For >50 To 75, Deduct	-105.67	
			For >75 To 100, Deduct	-200.71	
			For >100 To 200, Deduct	-322.16	
			For >200, Deduct	-417.20	
			For Graduated Shapes, Add	396.27	
			For Steep Roof, Over 7 To 12, Add	202.00	
07 31 26 00-0010	SQ		Slate Shingles, Vermont, Unfading Color, Variegated Purple	1,742.00	284.08
			For >50 To 75, Deduct	-44.43	
			For >75 To 100, Deduct	-93.53	
			For >100 To 200, Deduct	-153.75	
			For >200, Deduct	-202.85	
			For Graduated Shapes, Add	166.61	
			For Steep Roof, Over 7 To 12, Add	202.00	
07 31 29			Wood Shingles and Shakes (07 31)		
07 31 29 13			Wood Shingles (07 31 29)		
07 31 29 13-0001			#1 Grade, Red Cedar Shingles (07 31 29 13)		
07 31 29 13-0002			#1 Grade, Red Cedar Shingles Installed On Roofs (07 31 29 13-0001)		



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 31 29 13-0003	SQ		3-3/4" Exposure, 16" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof.....	913.44	216.91
			For Steep Roof, Over 7 To 12, Add	136.82	
			For Pressure-Impregnated Treated (Preservative), Add	71.94	
07 31 29 13-0004	SQ		5" Exposure, 16" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof.....	661.11	162.68
			For Steep Roof, Over 7 To 12, Add	104.12	
			For Pressure-Impregnated Treated (Preservative), Add	50.36	
07 31 29 13-0005	SQ		4-1/2" Exposure, 18" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof.....	812.38	184.38
			For Steep Roof, Over 7 To 12, Add	118.00	
			For Pressure-Impregnated Treated (Preservative), Add	66.54	
07 31 29 13-0006	SQ		5-1/2" Exposure, 18" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof.....	665.23	151.84
			For Steep Roof, Over 7 To 12, Add	97.17	
			For Pressure-Impregnated Treated (Preservative), Add	54.23	
07 31 29 13-0007	SQ		5-3/4" Exposure, 24" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof.....	891.76	143.71
			For Steep Roof, Over 7 To 12, Add	91.97	
			For Pressure-Impregnated Treated (Preservative), Add	90.65	
07 31 29 13-0008	SQ		7-1/2" Exposure, 24" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof.....	688.22	122.01
			For Steep Roof, Over 7 To 12, Add	78.09	
			For Pressure-Impregnated Treated (Preservative), Add	66.63	
07 31 29 13-0009			#1 Grade, Red Cedar Shingles Installed On Walls (07 31 29 13-0001)		
07 31 29 13-0010	SQ		7" Exposure, 16" Shingle, #1 Grade, Red Cedar Shingles Installed On Wall.....	630.25	195.22
			For Pressure-Impregnated Treated (Preservative), Add	35.97	
07 31 29 13-0011	SQ		8" Exposure, 18" Shingle, #1 Grade, Red Cedar Shingles Installed On Wall.....	618.10	184.38
			For Pressure-Impregnated Treated (Preservative), Add	37.40	
07 31 29 13-0012	SQ		10-1/2" Exposure, 24" Shingle, #1 Grade, Red Cedar Shingles Installed On Wall.....	637.23	159.98
			For Pressure-Impregnated Treated (Preservative), Add	47.59	
07 31 29 13-0013			#2 Grade, Red Cedar Shingles (07 31 29 13-0013)		
07 31 29 13-0014			#2 Grade, Red Cedar Shingles Installed On Roofs (07 31 29 13-0013)		
07 31 29 13-0015	SQ		3-1/2" Exposure, 16" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof.....	842.90	227.76
			For Steep Roof, Over 7 To 12, Add	145.76	
			For Pressure-Impregnated Treated (Preservative), Add	58.11	
07 31 29 13-0016	SQ		4" Exposure, 16" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof.....	751.09	206.06
			For Steep Roof, Over 7 To 12, Add	131.88	
			For Pressure-Impregnated Treated (Preservative), Add	50.84	
07 31 29 13-0017	SQ		4" Exposure, 18" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof.....	803.97	206.06
			For Steep Roof, Over 7 To 12, Add	131.88	
			For Pressure-Impregnated Treated (Preservative), Add	58.78	
07 31 29 13-0018	SQ		4-1/2" Exposure, 18" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof.....	717.32	184.38
			For Steep Roof, Over 7 To 12, Add	118.00	
			For Pressure-Impregnated Treated (Preservative), Add	52.29	
07 31 29 13-0019	SQ		5-3/4" Exposure, 24" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof.....	709.05	143.71
			For Steep Roof, Over 7 To 12, Add	91.97	
			For Pressure-Impregnated Treated (Preservative), Add	63.25	
07 31 29 13-0020	SQ		6-1/2" Exposure, 24" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof.....	577.87	124.72
			For Steep Roof, Over 7 To 12, Add	79.82	
			For Pressure-Impregnated Treated (Preservative), Add	49.26	
07 31 29 13-0021			#2 Grade, Red Cedar Shingles Installed On Walls (07 31 29 13-0013)		
07 31 29 13-0022	SQ		6" Exposure, 16" Shingle, #2 Grade, Red Cedar Shingles Installed On Wall.....	605.82	206.06
			For Pressure-Impregnated Treated (Preservative), Add	29.05	
07 31 29 13-0023	SQ		7" Exposure, 18" Shingle, #2 Grade, Red Cedar Shingles Installed On Wall.....	586.36	195.22
			For Pressure-Impregnated Treated (Preservative), Add	29.39	
07 31 29 13-0024	SQ		9" Exposure, 24" Shingle, #2 Grade, Red Cedar Shingles Installed On Wall.....	568.42	173.53
			For Pressure-Impregnated Treated (Preservative), Add	33.20	
07 31 29 16			Wood Shakes (07 31 29)		
07 31 29 16-0001			#1 Grade, Red Cedar Shakes (07 31 29 16)		
07 31 29 16-0002			#1 Grade, Red Cedar Shakes Installed On Roofs (07 31 29 16-0001)		
07 31 29 16-0003	SQ		8-1/2" Exposure, 1/2" Thick, 18" Shake, #1 Grade, Red Cedar Shakes Installed On Roof.....	662.39	176.24
			For Steep Roof, Over 7 To 12, Add	112.79	
			For Pressure-Impregnated Treated (Preservative), Add	46.49	
07 31 29 16-0004	SQ		8-1/2" Exposure, 3/4" Thick, 18" Shake, #1 Grade, Red Cedar Shakes Installed On Roof.....	765.69	176.24
			For Steep Roof, Over 7 To 12, Add	112.79	
			For Pressure-Impregnated Treated (Preservative), Add	61.98	
07 31 29 16-0005	SQ		10" Exposure, 1/2" Thick, 24" Shake, #1 Grade, Red Cedar Shakes Installed On Roof.....	713.53	143.71
			For Steep Roof, Over 7 To 12, Add	91.97	
			For Pressure-Impregnated Treated (Preservative), Add	63.92	
07 31 29 16-0006	SQ		10" Exposure, 3/4" Thick, 24" Shake, #1 Grade, Red Cedar Shakes Installed On Roof.....	757.43	143.71
			For Steep Roof, Over 7 To 12, Add	91.97	
			For Pressure-Impregnated Treated (Preservative), Add	70.50	
07 31 29 16-0007			#1 Grade, Red Cedar Shakes Installed On Walls (07 31 29 16-0001)		
07 31 29 16-0008	SQ		8-1/2" Exposure, 1/2" Thick, 18" Shake, #1 Grade, Red Cedar Shakes Installed On Wall.....	689.51	189.79
			For Pressure-Impregnated Treated (Preservative), Add	46.49	

07 Thermal And Moisture Protection**07 30 Steep Slope Roofing****07 31 Shingles and Shakes**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 31 29 16-0009	SQ		8-1/2" Exposure, 3/4" Thick, 18" Shake, #1 Grade, Red Cedar Shakes Installed On Wall <i>For Pressure-Impregnated Treated (Preservative), Add</i>	792.81 61.98	189.79
07 31 29 16-0010	SQ		10" Exposure, 1/2" Thick, 24" Shake, #1 Grade, Red Cedar Shakes Installed On Wall <i>For Pressure-Impregnated Treated (Preservative), Add</i>	751.50 63.92	162.68
07 31 29 16-0011	SQ		10" Exposure, 3/4" Thick, 24" Shake, #1 Grade, Red Cedar Shakes Installed On Wall <i>For Pressure-Impregnated Treated (Preservative), Add</i>	795.40 70.50	162.68
07 31 29 19 Wood Shingles And Shakes Cap (07 31 29)					
07 31 29 19-0001 Accessories (07 31 29 19)					
07 31 29 19-0002	LF		Hip Or Ridge Cap For Wood Shingles Or Shakes <i>For Steep Roof, Over 7 To 12, Add</i> <i>For Pressure-Impregnated Treated (Preservative) Ridge, Add</i>	11.46 1.05 1.23	1.41
07 31 33 Composite Rubber Shingles (07 31)					
07 31 33 00-0001 Synthetic Polymeric Rubber Slate Shingles (07 31 33)					
Note: As manufactured by EcoStar.					
07 31 33 00-0002	SQ		Class C Rectangular Edges Polymeric Rubber Slate Shingles, 7.0" Exposure Note: Gray or black.	1,358.37	256.13
			<i>For Purple Or Green Color, Add</i>	135.39	
			<i>For Brown Or Red Color, Add</i>	346.93	
			<i>For Steep Roof, Over 7 To 12, Add</i>	163.91	
			<i>For >50 To 75, Deduct</i>	-21.15	
			<i>For >75 To 100, Deduct</i>	-55.11	
			<i>For >100 To 200, Deduct</i>	-89.07	
			<i>For >200, Deduct</i>	-135.84	
			<i>For 6.5" Exposure, Add</i>	94.59	
			<i>For 6.0" Exposure, Add</i>	189.17	
07 31 33 00-0003	SQ		Class A Rectangular Edges Polymeric Rubber Slate Shingles, 7.0" Exposure Note: Fire resistant. Gray or black.	1,922.48	256.13
			<i>For Purple, Green, Brown Or Red, Add</i>	211.54	
			<i>For Steep Roof, Over 7 To 12, Add</i>	163.91	
			<i>For >50 To 75, Deduct</i>	-35.26	
			<i>For >75 To 100, Deduct</i>	-83.32	
			<i>For >100 To 200, Deduct</i>	-131.38	
			<i>For >200, Deduct</i>	-192.25	
			<i>For 6.5" Exposure, Add</i>	134.88	
			<i>For 6.0" Exposure, Add</i>	269.76	
07 31 33 00-0004	SQ		Class C Shaped Polymeric Rubber Slate Shingle, 7.0" Exposure Note: Beaver tail, chisel point or beveled edges. Gray or black.	1,590.65	256.13
			<i>For Purple, Green, Brown Or Red, Add</i>	388.24	
			<i>For Steep Roof, Over 7 To 12, Add</i>	163.91	
			<i>For >50 To 75, Deduct</i>	-26.96	
			<i>For >75 To 100, Deduct</i>	-66.73	
			<i>For >100 To 200, Deduct</i>	-106.49	
			<i>For >200, Deduct</i>	-159.07	
			<i>For 6.5" Exposure, Add</i>	111.18	
			<i>For 6.0" Exposure, Add</i>	222.36	
07 31 33 00-0005	SQ		Class A Shaped Polymeric Rubber Slate Shingle, 7.0" Exposure Note: Fire resistant. Beaver tail, chisel point or beveled edges. Gray or black.	2,038.62	256.13
			<i>For Purple, Green, Brown Or Red, Add</i>	167.91	
			<i>For Steep Roof, Over 7 To 12, Add</i>	163.91	
			<i>For >50 To 75, Deduct</i>	-38.16	
			<i>For >75 To 100, Deduct</i>	-89.13	
			<i>For >100 To 200, Deduct</i>	-140.09	
			<i>For >200, Deduct</i>	-203.86	
			<i>For 6.5" Exposure, Add</i>	143.18	
			<i>For 6.0" Exposure, Add</i>	286.35	
07 31 33 00-0006	LF		Hip Or Ridge Polymeric Rubber Slate Shingle Note: Beveled or pointed edges, gray or black.	15.95	1.72
07 32 Roof Tiles (07 30)					
07 32 13 Clay Roof Tiles (07 32)					
Note: 8-1/4" x 11" exposure. Includes mortar, battens, fasteners, felt underlayment and 90# cap sheet.					
07 32 13 00-0001 Clay Roofing Tile 8-1/4" x 11" Exposure (07 32 13)					
Note: Includes mortar, battens, fasteners, felt underlayment and 90# cap sheet.					
07 32 13 00-0002	SQ		Lanai Or Classic Tile, 158 Piece Per SQ <i>For >25 To 50, Deduct</i> <i>For >50 To 75, Deduct</i> <i>For >75 To 100, Deduct</i> <i>For >100 To 200, Deduct</i> <i>For >200, Deduct</i> <i>For 20 Year Warranty, Add</i>	1,323.94 -47.10 -91.98 -129.00 -158.17 -179.50 54.95	269.42
07 32 13 00-0003	SQ		Americana (Most Colors) Tile Roofing, 158 Piece Per SQ <i>For >25 To 50, Deduct</i> <i>For >50 To 75, Deduct</i> <i>For >75 To 100, Deduct</i> <i>For >100 To 200, Deduct</i> <i>For >200, Deduct</i> <i>For 20 Year Warranty, Add</i>	1,575.70 -62.21 -117.15 -161.73 -195.94 -219.78 72.58	269.42



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 32 13 00-0004	SQ		Americana (Green, Gray Or Brown) Tile, 158 Piece Per SQ	1,575.70	269.42
			For >25 To 50, Deduct	-62.21	
			For >50 To 75, Deduct	-117.15	
			For >75 To 100, Deduct	-161.73	
			For >100 To 200, Deduct	-195.94	
			For >200, Deduct	-219.78	
			For 20 Year Warranty, Add	72.58	
07 32 13 00-0005	SQ		Americana (Blue) Tile, 158 Piece Per SQ	1,789.31	269.42
			For >25 To 50, Deduct	-75.02	
			For >50 To 75, Deduct	-138.51	
			For >75 To 100, Deduct	-189.50	
			For >100 To 200, Deduct	-227.98	
			For >200, Deduct	-253.96	
			For 20 Year Warranty, Add	87.53	
07 32 13 00-0006	SQ		French Tile Roofing, Red, 133 Piece Per SQ	1,579.20	329.41
			For >25 To 50, Deduct	-55.22	
			For >50 To 75, Deduct	-108.51	
			For >75 To 100, Deduct	-152.59	
			For >100 To 200, Deduct	-187.47	
			For >200, Deduct	-213.14	
			For 20 Year Warranty, Add	64.43	
07 32 13 00-0007	SQ		French Tile Roofing, Blue Or Green, 133 Piece Per SQ	1,954.99	329.41
			For >25 To 50, Deduct	-77.77	
			For >50 To 75, Deduct	-146.09	
			For >75 To 100, Deduct	-201.44	
			For >100 To 200, Deduct	-243.84	
			For >200, Deduct	-273.27	
			For 20 Year Warranty, Add	90.73	
07 32 13 00-0008	SQ		Norman Tile Roofing, 317 Piece Per SQ	2,497.49	444.39
			For >25 To 50, Deduct	-96.54	
			For >50 To 75, Deduct	-183.11	
			For >75 To 100, Deduct	-253.59	
			For >100 To 200, Deduct	-307.99	
			For >200, Deduct	-346.29	
			For 20 Year Warranty, Add	112.63	
07 32 13 00-0009	SQ		Williamsburg Tile Roofing, Aged Cedar, 158 Piece Per SQ	1,391.19	329.41
			For >25 To 50, Deduct	-43.94	
			For >50 To 75, Deduct	-89.71	
			For >75 To 100, Deduct	-128.15	
			For >100 To 200, Deduct	-159.27	
			For >200, Deduct	-183.06	
			For 20 Year Warranty, Add	51.27	
07 32 13 00-0010	SQ		Williamsburg Tile Roofing, Gray Or Green, 158 Piece Per SQ	1,695.60	329.41
			For >25 To 50, Deduct	-62.21	
			For >50 To 75, Deduct	-120.15	
			For >75 To 100, Deduct	-167.72	
			For >100 To 200, Deduct	-204.93	
			For >200, Deduct	-231.77	
			For 20 Year Warranty, Add	72.58	
07 32 13 00-0011	SQ		Spanish Tile Roofing, Red, 171 Piece Per SQ	1,186.84	246.64
			For >25 To 50, Deduct	-41.61	
			For >50 To 75, Deduct	-81.68	
			For >75 To 100, Deduct	-114.82	
			For >100 To 200, Deduct	-141.03	
			For >200, Deduct	-160.29	
			For 20 Year Warranty, Add	48.55	
07 32 13 00-0012	SQ		Spanish Tile Roofing, Blend, 171 Piece Per SQ	1,514.88	246.64
			For >25 To 50, Deduct	-61.29	
			For >50 To 75, Deduct	-114.49	
			For >75 To 100, Deduct	-157.47	
			For >100 To 200, Deduct	-190.23	
			For >200, Deduct	-212.78	
			For 20 Year Warranty, Add	71.51	
07 32 13 00-0013	SQ		Spanish Tile Roofing, Glazed White, 171 Piece Per SQ	1,797.16	246.64
			For >25 To 50, Deduct	-78.23	
			For >50 To 75, Deduct	-142.72	
			For >75 To 100, Deduct	-194.16	
			For >100 To 200, Deduct	-232.57	
			For >200, Deduct	-257.95	
			For 20 Year Warranty, Add	91.27	
07 32 13 00-0014	SQ		Two Piece Mission Tile Roofing, 192 Piece Per SQ	2,191.49	386.62
			For >25 To 50, Deduct	-85.10	
			For >50 To 75, Deduct	-161.16	
			For >75 To 100, Deduct	-223.03	
			For >100 To 200, Deduct	-270.73	
			For >200, Deduct	-304.24	
			For 20 Year Warranty, Add	99.28	
07 32 13 00-0015	SQ		One Piece Mission Tile Roofing, 75 Piece Per SQ	995.90	269.42
			For >25 To 50, Deduct	-27.42	
			For >50 To 75, Deduct	-59.17	
			For >75 To 100, Deduct	-86.36	
			For >100 To 200, Deduct	-108.97	
			For >200, Deduct	-127.01	
			For 20 Year Warranty, Add	31.99	

07 Thermal And Moisture Protection**07 30 Steep Slope Roofing****07 32 Roof Tiles**MINOR
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

07 32 13 00-0016	SQ	One Piece Mission Tile Roofing, 134 Piece Per SQ	1,333.23	386.62
		For >25 To 50, Deduct	-33.60	
		For >50 To 75, Deduct	-75.33	
		For >75 To 100, Deduct	-111.46	
		For >100 To 200, Deduct	-141.99	
		For >200, Deduct	-166.92	
		For 20 Year Warranty, Add	39.20	

07 32 16 Concrete Roof Tiles (07 32)**07 32 16 00-0001 Corrugated Tiles And Shakes Nailed To Wood** (07 32 16)

Note: Includes 30 lb felt underlayment.

07 32 16 00-0002	SQ	13" x 16-1/2" Concrete Roof Tile, 90/SQ, 950 LB/SQ, Earthtone Colors, Corrugated	1,055.55	408.40
		For >50 To 75, Deduct	-9.55	
		For >75 To 100, Deduct	-37.13	
		For >100 To 200, Deduct	-67.10	
		For >200, Deduct	-94.68	
		For Steep Roof, Over 7 To 12, Add	261.41	
07 32 16 00-0003	SQ	13" x 16-1/2" Concrete Roof Tile, 90/SQ, 950 LB/SQ, Custom Blues, Corrugated	1,287.63	408.40
		For >50 To 75, Deduct	-18.83	
		For >75 To 100, Deduct	-53.37	
		For >100 To 200, Deduct	-92.62	
		For >200, Deduct	-127.17	
		For Steep Roof, Over 7 To 12, Add	261.41	
07 32 16 00-0004	SQ	13" x 16-1/2" Concrete Roof Tile, 90/SQ, 950 LB/SQ, Custom Greens Corrugated	1,101.97	408.40
		For >50 To 75, Deduct	-11.40	
		For >75 To 100, Deduct	-40.38	
		For >100 To 200, Deduct	-72.20	
		For >200, Deduct	-101.18	
		For Steep Roof, Over 7 To 12, Add	261.41	
07 32 16 00-0005	SQ	13" x 16-1/2" Concrete Roof Tile, 90/SQ, 950 LB/SQ, Colors, Shakes	1,027.58	365.40
		For >50 To 75, Deduct	-11.87	
		For >75 To 100, Deduct	-39.04	
		For >100 To 200, Deduct	-69.18	
		For >200, Deduct	-96.35	
		For Steep Roof, Over 7 To 12, Add	233.89	

07 32 16 00-0006 Accessories (07 32 16)

07 32 16 00-0007	EA	Ridge And Hip, 10" X 16-1/2", 8 LB Each For Concrete Tile Roof	3.92	
07 32 16 00-0008	EA	Rake, 6-1/2" X 16-3/4", 9 LB Each For Concrete Tile Roof	2.58	
07 32 16 00-0009	EA	Mansard Hip, 10" X 16-1/2", 9.2 LB Each For Concrete Tile Roof	3.89	
07 32 16 00-0010	EA	Hip Starter, 10" X 16-1/2", 10.5 LB Each For Concrete Tile Roof	4.46	
07 32 16 00-0011	EA	3 Or 4 Way Apex, 10" Each Side, 11.5 LB Each For Concrete Tile Roof	4.64	

07 32 16 00-0012 Concrete Tiles Accessories (Boral) (07 32 16)

07 32 16 00-0013	EA	Saxony Galvanized Clip For Concrete Roof Tile	0.22	
07 32 16 00-0014	EA	1" x 3" x 8" Elevated Battens For Concrete Roof Tile	4.54	

07 32 16 00-0015 Concrete Roof Tiles (Boral) (07 32 16)

07 32 16 00-0016	SQ	13" x 17" Concrete Roof Tile, 85/SQ, 930 LB/SQ, Saxony® 900 Slate, California Mission Blend Color	996.46	408.40
		For >50 To 75, Deduct	-7.18	
		For >75 To 100, Deduct	-32.99	
		For >100 To 200, Deduct	-60.60	
		For >200, Deduct	-86.41	
		For Steep Roof, Over 7 To 12, Add	261.41	

07 34 Roofing Underlayment (07 30)**07 34 00 00-0001 Mechanically Fastened, Roofing Underlayment** (07 34)

Note: Standard slope.

07 34 00 00-0002	SQ	15 LB, Asphalt Saturated Organic Felt Roofing Underlayment, Mechanically Fastened	38.67	8.25
		For Steep Roof, Over 7 To 12, Add	5.28	
		For >50 To 75, Deduct	-0.89	
		For >75 To 100, Deduct	-1.96	
		For >100 To 200, Deduct	-3.26	
		For >200, Deduct	-4.75	
07 34 00 00-0003	SQ	30 LB, Asphalt Saturated Organic Felt Roofing Underlayment, Mechanically Fastened	59.75	11.35
		For Steep Roof, Over 7 To 12, Add	7.26	
		For >50 To 75, Deduct	-1.48	
		For >75 To 100, Deduct	-3.16	
		For >100 To 200, Deduct	-5.21	
		For >200, Deduct	-7.46	
07 34 00 00-0004	SQ	30 LB, Asphalt Saturated Organic Felt Shake Underlayment, Mechanically Fastened	66.72	11.35
		For Steep Roof, Over 7 To 12, Add	7.26	
		For >50 To 75, Deduct	-1.76	
		For >75 To 100, Deduct	-3.65	
		For >100 To 200, Deduct	-5.98	
		For >200, Deduct	-8.43	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 34 00 00-0005	SQ		Fire Rated, Polypropylene Roofing Underlayment, Mechanically Fastened (Rex™ Synfelt)..... <i>For Steep Roof, Over 7 To 12, Add</i> <i>For >50 To 75, Deduct</i> <i>For >75 To 100, Deduct</i> <i>For >100 To 200, Deduct</i> <i>For >200, Deduct</i>	73.96 11.01 -1.58 -3.63 -6.07 -8.98	17.20
07 34 00 00-0006	SQ		17 Mil, Fire Rated, High Temperature, Coated Woven Synthetic Roofing Underlayment, Mechanically Fastened (TITANIUM™ UDL 25)..... <i>For Steep Roof, Over 7 To 12, Add</i> <i>For >50 To 75, Deduct</i> <i>For >75 To 100, Deduct</i> <i>For >100 To 200, Deduct</i> <i>For >200, Deduct</i>	82.22 11.01 -1.91 -4.21 -6.98 -10.13	17.20
07 34 00 00-0007	SQ		25 Mil, Fire Rated, High Temperature, Coated Woven Synthetic Roofing Underlayment, Mechanically Fastened (TITANIUM™ UDL 30)..... <i>For Steep Roof, Over 7 To 12, Add</i> <i>For >50 To 75, Deduct</i> <i>For >75 To 100, Deduct</i> <i>For >100 To 200, Deduct</i> <i>For >200, Deduct</i>	95.83 11.01 -2.46 -5.16 -8.48 -12.04	17.20
07 34 00 00-0008	SQ		30 Mil, Fire Rated, High Temperature, Coated Woven Synthetic Roofing Underlayment, Mechanically Fastened (TITANIUM™ UDL 50)..... <i>For Steep Roof, Over 7 To 12, Add</i> <i>For >50 To 75, Deduct</i> <i>For >75 To 100, Deduct</i> <i>For >100 To 200, Deduct</i> <i>For >200, Deduct</i>	89.02 11.01 -2.18 -4.68 -7.73 -11.09	17.20
07 34 00 00-0009			Self-Adhering, Roofing Underlayment (07 34) Note: Standard slope.		
07 34 00 00-0010	SQ		48 Mil, Fire Rated, Polymeric Asphalt Surfaced, Fiberglass Mat Reinforced, Styrene-Butadiene-Styrene (SBS) Modified Roofing Underlayment, Self-Adhering (Owens Corning® WeatherLock® Mat) <i>For Steep Roof, Over 7 To 12, Add</i> <i>For >50 To 75, Deduct</i> <i>For >75 To 100, Deduct</i> <i>For >100 To 200, Deduct</i> <i>For >200, Deduct</i>	154.68 13.34 -4.52 -8.95 -14.51 -19.99	20.86
07 34 00 00-0011	SQ		60 Mil, Fire Rated, Granule Surfaced, Rubberized Asphalt Adhesive, Roofing Underlayment, Self-Adhering (Grace Basik®)..... <i>For Steep Roof, Over 7 To 12, Add</i> <i>For >50 To 75, Deduct</i> <i>For >75 To 100, Deduct</i> <i>For >100 To 200, Deduct</i> <i>For >200, Deduct</i>	233.60 13.34 -7.68 -14.48 -23.19 -31.04	20.86
07 34 00 00-0012	SQ		53 Mil, Fire Rated, Granule Surfaced, Fiberglass Mat Reinforced, Styrene-Butadiene-Styrene (SBS) Modified Roofing Underlayment, Self-Adhering (Owens Corning® WeatherLock® G) <i>For Steep Roof, Over 7 To 12, Add</i> <i>For >50 To 75, Deduct</i> <i>For >75 To 100, Deduct</i> <i>For >100 To 200, Deduct</i> <i>For >200, Deduct</i>	164.44 13.34 -4.91 -9.63 -15.59 -21.35	20.86
07 34 00 00-0013	SQ		65 Mil, Fire Rated, Polyester Non-Woven Fabric Surfaced, Fiberglass Mat Reinforced, Styrene-Butadiene-Styrene (SBS) Modified Roofing Underlayment, Self Adhering (Owens Corning® WeatherLock® Specialty Tile And Metal) <i>For Steep Roof, Over 7 To 12, Add</i> <i>For >50 To 75, Deduct</i> <i>For >75 To 100, Deduct</i> <i>For >100 To 200, Deduct</i> <i>For >200, Deduct</i>	154.68 13.34 -4.52 -8.95 -14.51 -19.99	20.86
07 34 00 00-0014	SQ		45 Mil, Fire Rated, High Temperature, Synthetic Polymer Surfaced, Modified Rubberized Asphalt, Roofing Underlayment, Self-Adhering (TITANIUM™ PSU-30) <i>For Steep Roof, Over 7 To 12, Add</i> <i>For >50 To 75, Deduct</i> <i>For >75 To 100, Deduct</i> <i>For >100 To 200, Deduct</i> <i>For >200, Deduct</i>	222.21 13.34 -7.22 -13.68 -21.94 -29.44	20.86
07 34 00 00-0015	SQ		25 Mil, Fire Rated, Embossed Surface, Rubberized Asphalt Adhesive, High Density Cross Laminated Polyethylene Reinforcement, Roofing Underlayment, Self-Adhering (Grace Select)..... <i>For Steep Roof, Over 7 To 12, Add</i> <i>For >50 To 75, Deduct</i> <i>For >75 To 100, Deduct</i> <i>For >100 To 200, Deduct</i> <i>For >200, Deduct</i>	186.55 13.34 -5.79 -11.18 -18.02 -24.45	20.86
07 34 00 00-0016	SQ		40 Mil, Fire Rated, Embossed Surface, Rubberized Asphalt Adhesive, High Density Cross Laminated Polyethylene Reinforcement, Roofing Underlayment, Self-Adhering (Grace Ice And Water Shield®) <i>For Steep Roof, Over 7 To 12, Add</i> <i>For >50 To 75, Deduct</i> <i>For >75 To 100, Deduct</i> <i>For >100 To 200, Deduct</i> <i>For >200, Deduct</i>	278.44 13.34 -9.47 -17.61 -28.13 -37.31	20.86

07 Thermal And Moisture Protection**07 30 Steep Slope Roofing****07 34 Roofing Underlayment**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 34 00 00-0017 SQ 40 Mil, Fire Rated, High Temperature, Embossed Surface, Rubberized Asphalt Adhesive, High Density Cross Laminated Polyethylene Reinforcement, Roofing Underlayment, Self-Adhering (Grace Ice And Water Shield® HT).....	318.69	20.86
For Steep Roof, Over 7 To 12, Add	13.34	
For >50 To 75, Deduct	-11.08	
For >75 To 100, Deduct	-20.43	
For >100 To 200, Deduct	-32.55	
For >200, Deduct	-42.95	
07 34 00 00-0018 SQ 30 Mil, Fire Rated, High Temperature, Fire Rated, Embossed Surface, Butyl Rubber Based Adhesive, High Density Cross Laminated Polyethylene Reinforcement, Roofing Underlayment, Self-Adhering (Grace Ultra).....	469.70	20.86
For Steep Roof, Over 7 To 12, Add	13.34	
For >50 To 75, Deduct	-17.12	
For >75 To 100, Deduct	-31.00	
For >100 To 200, Deduct	-49.17	
For >200, Deduct	-64.09	

07 40 Roofing and Siding Panels (07)**07 41 Roof Panels** (07 40)

Note: Includes standard fasteners, grommets, cleats for installation.

07 41 13 Metal Roof Panels (07 41)

07 41 13 00-0001	Exposed Fastener Metal Roofing (07 41 13)		
Note: Includes 15 year warranty and all warranties are no dollar limit to include material and labor.			
07 41 13 00-0002	Galvanized Exposed Fastener Metal Roofing (07 41 13 00-0001)		
07 41 13 00-0003	Galvanized Steel Exposed Fastener Metal Roof Panels (07 41 13 00-0002)		
07 41 13 00-0004	SF 18 Gauge, Corrugated Or Ribbed, Galvanized Exposed Fastener Metal Roof Panels.....	8.35	2.69
	For Fluoropolymer (Kynar®) Coating, Add	1.89	
	For Steep Roof, Over 7 To 12, Add	1.38	
07 41 13 00-0005	SF 20 Gauge, Corrugated Or Ribbed, Galvanized Exposed Fastener Metal Roof Panels.....	7.64	2.69
	For Fluoropolymer (Kynar®) Coating, Add	1.89	
	For Steep Roof, Over 7 To 12, Add	1.38	
07 41 13 00-0006	SF 22 Gauge, Corrugated Or Ribbed, Galvanized Exposed Fastener Metal Roof Panels.....	7.14	2.69
	For Fluoropolymer (Kynar®) Coating, Add	1.89	
	For Steep Roof, Over 7 To 12, Add	1.38	
07 41 13 00-0007	SF 24 Gauge, Corrugated Or Ribbed, Galvanized Exposed Fastener Metal Roof Panels.....	6.65	2.69
	For Fluoropolymer (Kynar®) Coating, Add	1.89	
	For Steep Roof, Over 7 To 12, Add	1.38	
07 41 13 00-0008	SF 26 Gauge, Corrugated Or Ribbed, Galvanized Exposed Fastener Metal Roof Panels.....	6.24	2.69
	For Fluoropolymer (Kynar®) Coating, Add	1.89	
	For Steep Roof, Over 7 To 12, Add	1.38	
07 41 13 00-0009	SF 28 Gauge, Corrugated Or Ribbed, Galvanized Exposed Fastener Metal Roof Panels.....	5.89	2.69
	For Fluoropolymer (Kynar®) Coating, Add	1.89	
	For Steep Roof, Over 7 To 12, Add	1.38	
07 41 13 00-0010	SF 30 Gauge, Corrugated Or Ribbed, Galvanized Exposed Fastener Metal Roof Panels.....	5.75	2.69
	For Fluoropolymer (Kynar®) Coating, Add	1.89	
	For Steep Roof, Over 7 To 12, Add	1.38	
07 41 13 00-0011	Galvanized Exposed Fastener Metal Roof Accessories (07 41 13 00-0002)		
See CSI section 07 41 13 00-0038 for accessories.			
07 41 13 00-0012	LF Ridge Flashing For Galvanized Steel Exposed Fastener Roofing.....	27.77	2.80
	For Steep Roof, Over 7 To 12, Add	3.62	
	For Fluoropolymer (Kynar®) Coating, Add	1.65	
07 41 13 00-0013	LF 8" To 12" Girth, Eave Or Gable Flashing For Galvanized Steel Exposed Fastener Roofing.....	17.30	1.84
	For Steep Roof, Over 7 To 12, Add	2.42	
	For Fluoropolymer (Kynar®) Coating, Add	0.98	
07 41 13 00-0014	LF Valley Flashing For Galvanized Steel Exposed Fastener Roofing.....	34.23	2.80
	For Steep Roof, Over 7 To 12, Add	3.62	
	For Fluoropolymer (Kynar®) Coating, Add	2.29	
07 41 13 00-0015	LF Hip Flashing For Galvanized Steel Exposed Fastener Roofing.....	28.36	2.80
	For Steep Roof, Over 7 To 12, Add	3.62	
	For Fluoropolymer (Kynar®) Coating, Add	1.70	
07 41 13 00-0016	Aluminum Exposed Fastener Metal Roofing (07 41 13 00-0001)		
07 41 13 00-0017	Aluminum Exposed Fastener Metal Roof Panels (07 41 13 00-0016)		
07 41 13 00-0018	SF 0.0155", Corrugated Or Ribbed, Aluminum Exposed Fastener Metal Roof Panels.....	5.89	2.69
	For Fluoropolymer (Kynar®) Coating, Add	1.89	
	For Steep Roof, Over 7 To 12, Add	1.38	
07 41 13 00-0019	SF 0.018", Corrugated Or Ribbed, Aluminum Exposed Fastener Metal Roof Panels.....	6.15	2.69
	For Fluoropolymer (Kynar®) Coating, Add	1.89	
	For Steep Roof, Over 7 To 12, Add	1.38	
07 41 13 00-0020	SF 0.024", Corrugated Or Ribbed, Aluminum Exposed Fastener Metal Roof Panels.....	6.76	2.69
	For Fluoropolymer (Kynar®) Coating, Add	1.89	
	For Steep Roof, Over 7 To 12, Add	1.38	
07 41 13 00-0021	SF 0.032", Corrugated Or Ribbed, Aluminum Exposed Fastener Metal Roof Panels.....	7.57	2.69
	For Fluoropolymer (Kynar®) Coating, Add	1.89	
	For Steep Roof, Over 7 To 12, Add	1.38	



Thermal And Moisture Protection			07
Roofing and Siding Panels			07 40
Roof Panels			07 41

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 41 13 00-0022	SF		0.040", Corrugated Or Ribbed, Aluminum Exposed Fastener Metal Roof Panels For Fluoropolymer (Kynar®) Coating, Add For Steep Roof, Over 7 To 12, Add	8.38 1.89 1.38	2.69
07 41 13 00-0023	SF		0.050", Corrugated Or Ribbed, Aluminum Exposed Fastener Metal Roof Panels For Fluoropolymer (Kynar®) Coating, Add For Steep Roof, Over 7 To 12, Add	9.39 1.89 1.38	2.69
07 41 13 00-0024			Aluminum Exposed Fastener Metal Roof Accessories (07 41 13 00-0016)		
07 41 13 00-0025	LF		Ridge Flashing For Aluminum Exposed Fastener Metal Roofing..... For Steep Roof, Over 7 To 12, Add For Fluoropolymer (Kynar®) Coating, Add	31.73 3.62 2.04	2.80
07 41 13 00-0026	LF		9" To 12" Girth, Eave Or Gable Flashing For Aluminum Exposed Fastener Metal Roofing..... For Steep Roof, Over 7 To 12, Add For Fluoropolymer (Kynar®) Coating, Add	19.59 2.42 1.20	1.94
07 41 13 00-0027	LF		Valley Flashing For Aluminum Exposed Fastener Metal Roofing For Steep Roof, Over 7 To 12, Add For Fluoropolymer (Kynar®) Coating, Add	39.81 3.62 2.35	2.80
07 41 13 00-0028	LF		Hip Flashing For Aluminum Exposed Fastener Metal Roofing For Steep Roof, Over 7 To 12, Add For Fluoropolymer (Kynar®) Coating, Add	32.47 3.62 2.12	2.80
07 41 13 00-0029			Standing Seam Roofs (07 41 13) Note: Includes all profiles of vertical leg and batten style standing seam roofing. Includes all clips, neoprene closures, metal closures, battens, tape sealer, tube sealant, fasteners, vent material, panel starters and cleats. Based on Garland R-Mer Clad or R-Mer Seam architectural roofing, R-Mer Loc architectural structural roofing, and R-Mer Span structural roofing. Architectural roofing requires a solid substrate and underlayment, requires a minimum 3:12 pitch, and includes a 20 year no dollar limit warranty. Architectural/structural roofing does not require a solid substrate or underlayment, requires a minimum 3:12 pitch, and includes a 25 year no dollar limit warranty. Structural roofing does not require a solid substrate or underlayment, requires a minimum 1/4" per foot slope, and includes a 25 year no dollar limit warranty.		
07 41 13 00-0030			Galvanized Steel Standing Seam Concealed Fastener Roofing (07 41 13 00-0029) Note: All steel is galvanized G90 rated or galvalume®. Factory paint finish is Kynar 500®, Hylar 5000® or equal polyvinylidene fluoride (PVDF) finish.		
07 41 13 00-0031			Galvanized Steel Standing Seam Concealed Fastener Roofing (07 41 13 00-0030)		
07 41 13 00-0032	SF		Architectural 24 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing For Steep Roof, Over 6 To 12, Add For Panels <16" Wide, Add For 140 MPH Wind Load, Add For Up To 1,500, Add For >1,500 To 5,000, Add For >5,000 To 10,000, Add	13.21 1.71 1.72 0.72 3.30 1.98 0.33	2.86
07 41 13 00-0033	SF		Architectural 22 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing For Steep Roof, Over 6 To 12, Add For Panels <16" Wide, Add For 140 MPH Wind Load, Add For Up To 1,500, Add For >1,500 To 5,000, Add For >5,000 To 10,000, Add	13.91 1.71 1.75 0.74 3.48 2.09 0.35	2.86
07 41 13 00-0034	SF		Architectural/Structural 24 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing For Steep Roof, Over 6 To 12, Add For Panels <16" Wide, Add For 140 MPH Wind Load, Add For Up To 1,500, Add For >1,500 To 5,000, Add For >5,000 To 10,000, Add	12.58 1.71 1.69 0.71 3.15 1.89 0.31	2.86
07 41 13 00-0035	SF		Architectural/Structural 22 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing For Steep Roof, Over 6 To 12, Add For Panels <16" Wide, Add For 140 MPH Wind Load, Add For Up To 1,500, Add For >1,500 To 5,000, Add For >5,000 To 10,000, Add	12.83 1.71 1.70 0.71 3.21 1.92 0.32	2.86
07 41 13 00-0036	SF		Structural 24 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing..... For Steep Roof, Over 6 To 12, Add For Panels <16" Wide, Add For 140 MPH Wind Load, Add For Up To 1,500, Add For >1,500 To 5,000, Add For >5,000 To 10,000, Add	13.11 1.71 1.71 0.72 3.28 1.97 0.33	2.86
07 41 13 00-0037	SF		Structural 22 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing..... For Steep Roof, Over 6 To 12, Add For Panels <16" Wide, Add For 140 MPH Wind Load, Add For Up To 1,500, Add For >1,500 To 5,000, Add For >5,000 To 10,000, Add	14.13 1.71 1.76 0.74 3.53 2.12 0.35	2.86
07 41 13 00-0038			Accessories For Galvanized Steel Standing Seam Roofing (07 41 13 00-0030)		
07 41 13 00-0039	LF		Ridge Flashing For Galvanized Steel Standing Seam Concealed Fastener Roofing..... For Steep Roof, Over 6 To 12, Add For 140 MPH Wind Load, Add	29.42 3.40 1.49	2.80

07 Thermal And Moisture Protection**07 40 Roofing and Siding Panels****07 41 Roof Panels**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 41 13 00-0040	LF	9" To 12" Girth, Eave Or Gable Flashing For Galvanized Steel Standing Seam Concealed Fastener Roofing.....	18.28	1.94
		For Steep Roof, Over 6 To 12, Add	2.27	
		For 140 MPH Wind Load, Add	0.97	
07 41 13 00-0041	LF	Valley Flashing For Galvanized Steel Standing Seam Concealed Fastener Roofing	36.52	2.80
		For Steep Roof, Over 6 To 12, Add	3.40	
		For 140 MPH Wind Load, Add	1.64	
07 41 13 00-0042	LF	Hip Flashing For Galvanized Steel Standing Seam Concealed Fastener Roofing.....	30.06	2.80
		For Steep Roof, Over 6 To 12, Add	3.40	
		For 140 MPH Wind Load, Add	1.51	
07 41 13 00-0043		Aluminum Standing Seam Concealed Fastener Roofing (07 41 13 00-0029)		
		Note: Factory paint finish is Kynar 500®, Hylar 5000® or equal polyvinylidene fluoride (PVDF) finish.		
07 41 13 00-0044		Aluminum Standing Seam Concealed Fastener Roofing (07 41 13 00-0043)		
07 41 13 00-0045	SF	Architectural 0.032" Aluminum Standing Seam Concealed Fastener Roofing	13.70	2.86
		For Steep Roof, Over 6 To 12, Add	1.71	
		For 140 MPH Wind Load, Add	0.73	
		For Up To 1,500, Add	3.43	
		For Panels < 16" Wide, Add	1.74	
		For Up To 5000, Add	0.73	
		For > 5000 To 10000, Add	0.34	
07 41 13 00-0046	SF	Architectural 0.040" Aluminum Standing Seam Concealed Fastener Roofing	14.30	2.86
		For Steep Roof, Over 6 To 12, Add	1.71	
		For 140 MPH Wind Load, Add	0.74	
		For Up To 1,500, Add	3.58	
		For Panels < 16" Wide, Add	1.77	
		For Up To 5000, Add	0.74	
		For > 5000 To 10000, Add	0.36	
07 41 13 00-0047	SF	Architectural/Structural Or Structural 0.032" Aluminum Standing Seam Concealed Fastener Roofing	13.36	2.86
		For Steep Roof, Over 6 To 12, Add	1.71	
		For 140 MPH Wind Load, Add	0.72	
		For Up To 1,500, Add	3.34	
		For Panels < 16" Wide, Add	1.72	
		For Up To 5000, Add	0.72	
		For > 5000 To 10000, Add	0.33	
07 41 13 00-0048	SF	Architectural/Structural Or Structural 0.040" Aluminum Standing Seam Concealed Fastener Roofing	14.46	2.86
		For Steep Roof, Over 6 To 12, Add	1.71	
		For 140 MPH Wind Load, Add	0.75	
		For Up To 1,500, Add	3.62	
		For Panels < 16" Wide, Add	1.78	
		For Up To 5000, Add	0.75	
		For > 5000 To 10000, Add	0.36	
07 41 13 00-0049		Accessories For Aluminum Standing Seam Roofing (07 41 13 00-0043)		
07 41 13 00-0050	LF	Ridge Flashing For Aluminum Standing Seam Concealed Fastener Roofing.....	33.77	2.80
		For Steep Roof, Over 6 To 12, Add	3.40	
		For 140 MPH Wind Load, Add	1.58	
07 41 13 00-0051	LF	9" To 12" Girth, Eave Or Gable Flashing For Aluminum Standing Seam Concealed Fastener Roofing	20.79	1.94
		For Steep Roof, Over 6 To 12, Add	2.27	
		For 140 MPH Wind Load, Add	1.02	
07 41 13 00-0052	LF	Valley Flashing For Aluminum Standing Seam Concealed Fastener Roofing	42.66	2.80
		For Steep Roof, Over 6 To 12, Add	3.40	
		For 140 MPH Wind Load, Add	1.76	
07 41 13 00-0053	LF	Hip Flashing For Aluminum Standing Seam Concealed Fastener Roofing.....	34.58	2.80
		For Steep Roof, Over 6 To 12, Add	3.40	
		For 140 MPH Wind Load, Add	1.60	
07 41 13 00-0054		Stainless Steel Standing Seam Concealed Fastener Roofing (07 41 13 00-0029)		
07 41 13 00-0055		Stainless Steel Standing Seam Concealed Fastener Roofing (07 41 13 00-0054)		
07 41 13 00-0056	SF	Architectural 24 Gauge T304 Stainless Steel Standing Seam Concealed Fastener Roofing	25.83	3.43
		For Steep Roof, Over 6 To 12, Add	2.57	
		For 140 MPH Wind Load, Add	1.20	
		For Up To 1,500, Add	6.46	
		For Up To 5000, Add	2.58	
		For > 5000 To 10000, Add	0.65	
		For Panels < 16" Wide, Add	2.88	
07 41 13 00-0057	SF	Architectural 22 Gauge T304 Stainless Steel Standing Seam Concealed Fastener Roofing	29.50	3.43
		For Steep Roof, Over 6 To 12, Add	2.57	
		For 140 MPH Wind Load, Add	1.28	
		For Up To 1,500, Add	7.38	
		For Up To 5000, Add	2.95	
		For > 5000 To 10000, Add	0.74	
		For Panels < 16" Wide, Add	3.06	
07 41 13 00-0058	SF	Architectural 24 Gauge T316 Stainless Steel Standing Seam Concealed Fastener Roofing	33.84	3.43
		For Steep Roof, Over 6 To 12, Add	2.57	
		For 140 MPH Wind Load, Add	1.36	
		For Up To 1,500, Add	8.46	
		For Up To 5000, Add	3.38	
		For > 5000 To 10000, Add	0.85	
		For Panels < 16" Wide, Add	3.28	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 41 13 00-0059	SF		Architectural 22 Gauge T316 Stainless Steel Standing Seam Concealed Fastener Roofing For Steep Roof, Over 6 To 12, Add For 140 MPH Wind Load, Add For Up To 1,500, Add For Up To 5000, Add For > 5000 To 10000, Add For Panels < 16" Wide, Add	39.42 2.57 1.47 9.86 3.94 0.99 3.56	3.43
07 41 13 00-0060			Accessories For Stainless Steel Standing Seam Concealed Fastener Roofing (07 41 13 00-0054)		
07 41 13 00-0061	LF		Ridge Flashing For Stainless Steel Standing Seam Concealed Fastener Roofing For Steep Roof, Over 6 To 12, Add For 140 MPH Wind Load, Add	79.87 3.75 2.60	3.13
07 41 13 00-0062	LF		9" To 12" Girth, Eave Or Gable Flashing For Stainless Steel Standing Seam Concealed Fastener Roofing For Steep Roof, Over 6 To 12, Add For 140 MPH Wind Load, Add	43.04 2.49 1.52	2.05
07 41 13 00-0063	LF		Valley Flashing For Stainless Steel Standing Seam Concealed Fastener Roofing For Steep Roof, Over 6 To 12, Add For 140 MPH Wind Load, Add	110.60 3.72 3.20	3.13
07 41 13 00-0064	LF		Hip Flashing For Stainless Steel Standing Seam Concealed Fastener Roofing For Steep Roof, Over 6 To 12, Add For 140 MPH Wind Load, Add	82.30 3.75 2.65	3.13
07 41 13 00-0065			Metal Roof Surfacing (07 41 13)		
07 41 13 00-0066	SF		Acrylic, Metal Roof Primer, One Coat For Steep Roof, Over 7 To 12, Add	0.48 0.07	
07 41 13 00-0067	SF		Acrylic Elastomeric, Surface Or Base Coating For Metal Roofing, One Coat Note: 55% solids by volume. For Steep Roof, Over 7 To 12, Add	0.73 0.07	
07 41 16			Insulated Metal Roof Panels (07 41)		
07 41 16 00-0001			Standing Seam Polyurethane Insulated Metal Roof Panels (07 41 16)		
07 41 16 00-0002			Standing Seam Polyurethane Insulated Metal Roof Panel (07 41 16 00-0001) Note: Exterior face gauge shall be 24 gauge, galvanized steel; Interior liner shall be 24 gauge. Galvalume® AZ-55 coating designation with texture; Non-CFC polyurethane foam core.		
07 41 16 00-0003	SF		2" Polyurethane Foam, 24 Gauge Galvanized Steel (Each Side), Insulated Standing Seam Metal Roof Panels For AZ-50 Aluminum-Zinc Coated Exterior, Add For Premium Exterior Colors, Add	26.40 0.24 0.12	4.34
07 41 16 00-0004	SF		2-1/2" Polyurethane Foam, 24 Gauge Galvanized Steel (Each Side), Insulated Standing Seam Metal Roof Panels For AZ-50 Aluminum-Zinc Coated Exterior, Add For Premium Exterior Colors, Add	29.08 0.24 0.12	4.68
07 41 16 00-0005	SF		3" Polyurethane Foam, 24 Gauge Galvanized Steel (Each Side), Insulated Standing Seam Metal Roof Panels For AZ-50 Aluminum-Zinc Coated Exterior, Add For Premium Exterior Colors, Add	30.88 0.24 0.12	5.09
07 41 16 00-0006	SF		4" Polyurethane Foam, 24 Gauge Galvanized Steel (Each Side), Insulated Standing Seam Metal Roof Panels For AZ-50 Aluminum-Zinc Coated Exterior, Add For Premium Exterior Colors, Add	32.35 0.24 0.12	5.38
07 41 16 00-0007	SF		5" Polyurethane Foam, 24 Gauge Galvanized Steel (Each Side), Insulated Standing Seam Metal Roof Panels For AZ-50 Aluminum-Zinc Coated Exterior, Add For Premium Exterior Colors, Add	33.89 0.24 0.12	5.66
07 41 16 00-0008	SF		6" Polyurethane Foam, 24 Gauge Galvanized Steel (Each Side), Insulated Standing Seam Metal Roof Panels For AZ-50 Aluminum-Zinc Coated Exterior, Add For Premium Exterior Colors, Add	35.16 0.24 0.12	5.96
07 41 33			Plastic Roof Panels (07 41)		
07 41 33 00-0001			Polyvinyl Chloride (PVC) Roofing Panels (07 41 33)		
07 41 33 00-0002			Polyvinyl Chloride (PVC) Roofing Panels (07 41 33 00-0001)		
07 41 33 00-0003	SF		Solid Polyvinyl Chloride (PVC) Roofing Panels, 8" Wide	7.82	2.29
07 41 33 00-0004	SF		Solid Polyvinyl Chloride (PVC) Roofing Panels, 10" Wide	7.60	2.07
07 41 33 00-0005	SF		Solid Polyvinyl Chloride (PVC) Roofing Panels, Double 8" Wide	8.18	2.29
07 41 33 00-0006	SF		Solid Polyvinyl Chloride (PVC) Roofing Panels, Double 10" Wide	7.91	2.07
07 41 33 00-0007			Polyvinyl Chloride (PVC) Roofing Accessories (07 41 33 00-0001)		
07 41 33 00-0008	LF		1" "J" Channel, Starter Strip Trim	4.55	1.72
07 41 33 00-0009	LF		3-1/2" "J" Channel, Starter Strip Trim	7.30	1.72
07 41 33 00-0010	LF		Outside Corner Post, 7/8" Pocket	8.10	1.72
07 41 33 00-0011	LF		Inside Corner Post, 7/8" Pocket	5.96	1.72
07 41 33 00-0012			Fiberglass Roofing Panel (07 41 33)		
07 41 33 00-0013			Corrugated Panels (07 41 33 00-0012)		
07 41 33 00-0014	SF		8 Ounce Corrugated Fiberglass Panel	7.04	1.84
07 41 33 00-0015	SF		12 Ounce Corrugated Fiberglass Panel	8.14	1.84

07 Thermal And Moisture Protection**07 40 Roofing and Siding Panels****07 41 Roof Panels**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

07 42 Wall Panels (07 40)**07 42 13 Metal Wall Panels** (07 42)**07 42 13 19 Insulated Metal Wall Panels** (07 42 13)**07 42 13 19-0001 Insulated Panels For Sash/Window Replacement** (07 42 13 19)

Note: Porcelain or polymer finish on aluminum panel with polystyrene core.

07 42 13 19-0002	SF	1" Insulated Panel For Sash Or Window Replacement.....	31.45	4.34
		<i>For Non-Insulated Panels, Deduct</i>	-5.68	
07 42 13 19-0003	SF	1-1/4" Insulated Panel For Sash Or Window Replacement	33.95	4.88
		<i>For Non-Insulated Panels, Deduct</i>	-6.07	
07 42 13 19-0004	SF	1-3/4" Insulated Panel For Sash Or Window Replacement	36.26	5.43
		<i>For Non-Insulated Panels, Deduct</i>	-6.46	
07 42 13 19-0005	SF	2-1/4" Insulated Panel For Sash Or Window Replacement	38.70	5.64
		<i>For Non-Insulated Panels, Deduct</i>	-6.85	
07 42 13 19-0006	SF	3-1/4" Insulated Panel For Sash Or Window Replacement	44.16	6.18
		<i>For Non-Insulated Panels, Deduct</i>	-7.96	
07 42 13 19-0007	SF	4-1/4" Insulated Panel For Sash Or Window Replacement	51.76	6.84
		<i>For Non-Insulated Panels, Deduct</i>	-9.55	

07 42 13 23 Metal Composite Material Wall Panels (07 42 13)**07 42 13 23-0001 24 Gauge, Galvanized Steel Insulated Tongue And Groove Metal Siding Panels** (07 42 13 23)

Note: G-90 galvanized steel, 24 gauge exterior face and 24 gauge interior liner. Galvalume® AZ-55 coating designation with texture. Non-CFC polyurethane foam core. Standard color on exterior and interior panels. CF Mesa Profile wall panels as manufactured by Metl-Span Corporation.

07 42 13 23-0002	SF	2" Polyurethane Foam, 24 Gauge (Each Side), Galvanized Steel Insulated Tongue And Groove Metal Siding Panels.....	22.47	2.48
		<i>For AZ-50 Aluminum-Zinc Coated Exterior, Add</i>	0.24	
		<i>For Premium Exterior Colors, Add</i>	0.12	
07 42 13 23-0003	SF	2-1/2" Polyurethane Foam, 24 Gauge (Each Side), Galvanized Steel Insulated Tongue And Groove Metal Siding Panels.....	25.17	2.80
		<i>For AZ-50 Aluminum-Zinc Coated Exterior, Add</i>	0.24	
		<i>For Premium Exterior Colors, Add</i>	0.12	
07 42 13 23-0004	SF	3" Polyurethane Foam, 24 Gauge (Each Side), Galvanized Steel Insulated Tongue And Groove Metal Siding Panels.....	27.43	3.18
		<i>For AZ-50 Aluminum-Zinc Coated Exterior, Add</i>	0.24	
		<i>For Premium Exterior Colors, Add</i>	0.12	
07 42 13 23-0005	SF	4" Polyurethane Foam, 24 Gauge (Each Side), Galvanized Steel Insulated Tongue And Groove Metal Siding Panels.....	30.46	4.21
		<i>For AZ-50 Aluminum-Zinc Coated Exterior, Add</i>	0.24	
		<i>For Premium Exterior Colors, Add</i>	0.12	

07 42 63 Fabricated Wall Panel Assemblies (07 42)**07 42 63 00-0001 Insulated Freezer And Chiller Panels** (07 42 63)

Note: Excludes suspension system for ceiling support.

07 42 63 00-0002 Polyurethane Sandwich Panel (07 42 63 00-0001)

Note: With 22 gauge galvanized sheet metal face excludes painting.

07 42 63 00-0003	SF	2" 22 Gauge Freezer Panel Sheet Metal Both Faces	28.91	1.74
07 42 63 00-0004	SF	3" 22 Gauge Freezer Panel Sheet Metal Both Faces	30.73	1.74
07 42 63 00-0005	SF	4" 22 Gauge Freezer Panel Sheet Metal Both Faces	36.89	1.74
07 42 63 00-0006	SF	5" 22 Gauge Freezer Panel Sheet Metal Both Faces	40.03	1.85
07 42 63 00-0007	SF	6" 22 Gauge Freezer Panel Sheet Metal Both Faces	42.57	1.85
07 42 63 00-0008	SF	2" 22 Gauge Freezer Panel Sheet Metal One Face (Liner)	25.99	1.44
07 42 63 00-0009	SF	3" 22 Gauge Freezer Panel Sheet Metal One Face (Liner)	28.42	1.44
07 42 63 00-0010	SF	4" 22 Gauge Freezer Panel Sheet Metal One Face (Liner)	34.55	1.54
07 42 63 00-0011	SF	5" 22 Gauge Freezer Panel Sheet Metal One Face (Liner)	33.42	1.54
07 42 63 00-0012	SF	6" 22 Gauge Freezer Panel Sheet Metal One Face (Liner)	39.57	1.54

07 42 63 00-0013 Polyurethane Sandwich Panel (07 42 63 00-0001)

Note: With .040 aluminum baked enamel finish.

07 42 63 00-0014	SF	2" Freezer Panel 0.040" Aluminum Finish Both Faces	21.64	1.74
07 42 63 00-0015	SF	3" Freezer Panel 0.040" Aluminum Finish Both Faces	23.29	1.74
07 42 63 00-0016	SF	4" Freezer Panel 0.040" Aluminum Finish Both Faces	27.52	1.74
07 42 63 00-0017	SF	5" Freezer Panel 0.040" Aluminum Finish Both Faces	30.12	1.85
07 42 63 00-0018	SF	6" Freezer Panel 0.040" Aluminum Finish Both Faces	31.88	1.85
07 42 63 00-0019	SF	2" Freezer Panel 0.040" Aluminum Finish One Face (Liner Panel)	19.49	1.44
07 42 63 00-0020	SF	3" Freezer Panel 0.040" Aluminum Finish One Face (Liner Panel)	21.15	1.44
07 42 63 00-0021	SF	4" Freezer Panel 0.040" Aluminum Finish One Face (Liner Panel)	22.86	1.54
07 42 63 00-0022	SF	5" Freezer Panel 0.040" Aluminum Finish One Face (Liner Panel)	27.09	1.54
07 42 63 00-0023	SF	6" Freezer Panel 0.040" Aluminum Finish One Face (Liner Panel)	29.66	1.54

07 42 93 Soffit Panels (07 42)



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 42 93 00-0001			Aluminum Soffit And Fascia (07 42 93) Note: Excludes J-channel.		
07 42 93 00-0002	LF		6" Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit..... For 0.015" Thick, Deduct	4.56 -0.11	1.51
07 42 93 00-0003	LF		10" Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit..... For 0.015" Thick, Deduct	5.72 -0.18	1.60
07 42 93 00-0004	LF		1' Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit..... For 0.015" Thick, Deduct	6.30 -0.22	1.64
07 42 93 00-0005	LF		1'-6" Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit..... For 0.015" Thick, Deduct	7.98 -0.33	1.73
07 42 93 00-0006	LF		2' Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit..... For 0.015" Thick, Deduct	9.83 -0.44	1.89
07 42 93 00-0007	LF		3' Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit..... For 0.015" Thick, Deduct	13.23 -0.66	2.08
07 42 93 00-0008	LF		4' Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit..... For 0.015" Thick, Deduct	16.66 -0.88	2.30
07 42 93 00-0009	LF		5' Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit..... For 0.015" Thick, Deduct	20.14 -1.10	2.52
07 42 93 00-0010	LF		4" Exposure, 0.024" Thick, Aluminum Fascia.....	5.44	1.48
07 42 93 00-0011	LF		6" Exposure, 0.024" Thick, Aluminum Fascia.....	5.98	1.51
07 42 93 00-0012	LF		8" Exposure, 0.024" Thick, Aluminum Fascia.....	7.08	1.57
07 42 93 00-0013	LF		10" Exposure, 0.024" Thick, Aluminum Fascia.....	8.27	1.60
07 46			Siding (07 40)		
07 46 16			Aluminum Siding (07 46) Note: Includes fasteners, all necessary furring strips, trim for corners, windows and doors.		
07 46 16 00-0001			Aluminum Coil Stock Cladding (07 46 16) Note: Per SF of board, includes overlap page.		
07 46 16 00-0002	SF		0.016" Thick, Aluminum Clad Siding.....	11.63	3.67
07 46 16 00-0003	SF		0.019" Thick, Aluminum Clad Siding.....	11.79	3.67
07 46 16 00-0004	SF		0.024" Thick, Aluminum Clad Siding.....	12.07	3.67
07 46 16 00-0005			Aluminum Siding Panels (07 46 16)		
07 46 16 00-0006			Corrugated Aluminum Siding Panels (07 46 16 00-0005) Note: Includes factory applied polyvinylidene fluoride (PVDF) paint finish.		
07 46 16 00-0007	SF		0.019", Painted Finish, Corrugated Aluminum Siding Panel.....	8.72	2.16
07 46 16 00-0008	SF		0.021", Painted Finish, Corrugated Aluminum Siding Panel.....	9.11	2.16
07 46 16 00-0009	SF		0.024", Painted Finish, Corrugated Aluminum Siding Panel.....	10.34	2.16
07 46 16 00-0010	SF		0.032", Painted Finish, Corrugated Aluminum Siding Panel.....	12.74	2.16
07 46 16 00-0011			V- Beam Aluminum Siding Panels (07 46 16 00-0005) Note: Includes factory applied polyvinylidene fluoride (PVDF) paint finish.		
07 46 16 00-0012	SF		0.032", Painted Finish, V- Beam Aluminum Siding Panel.....	12.63	2.16
07 46 16 00-0013	SF		0.040", Painted Finish, V- Beam Aluminum Siding Panel.....	14.24	2.16
07 46 16 00-0014	SF		0.050", Painted Finish, V- Beam Aluminum Siding Panel.....	18.05	2.16
07 46 16 00-0015			Box Ribbed Aluminum Siding Panels (07 46 16 00-0005) Note: Includes factory applied polyvinylidene fluoride (PVDF) paint finish.		
07 46 16 00-0016	SF		0.032", Painted Finish, Box Ribbed Aluminum Siding Panel.....	13.34	2.16
07 46 16 00-0017	SF		0.040", Painted Finish, Box Ribbed Aluminum Siding Panel.....	14.89	2.16
07 46 16 00-0018	SF		0.050", Painted Finish, Box Ribbed Aluminum Siding Panel.....	15.83	2.16
07 46 16 00-0019			Aluminum Siding Accessories (07 46 16)		
07 46 16 00-0020	LF		3/8" Pocket, Aluminum J-Channel.....	3.50	1.42
07 46 16 00-0021	LF		1/2" Pocket, Aluminum J-Channel.....	3.50	1.42
07 46 16 00-0022	LF		3/4" Pocket, Aluminum J-Channel.....	4.19	1.42
07 46 16 00-0023	LF		3/8" Pocket, Aluminum F-Channel.....	3.91	1.42
07 46 16 00-0024	LF		1/2" Pocket, Aluminum F-Channel.....	3.91	1.42
07 46 19			Steel Siding (07 46) Note: Includes fasteners, all necessary furring strips, trim for corners, windows and doors.		
07 46 19 00-0001			Steel Siding Panels (07 46 19)		
07 46 19 00-0002			Corrugated Steel Siding Panels (07 46 19 00-0001) Note: Includes factory applied polyvinylidene fluoride (PVDF) paint finish.		
07 46 19 00-0003	SF		20 Gauge, Painted Finish, Corrugated Steel Siding Panel..... For Galvanized Instead Of Painted Steel, Add	13.26 2.24	2.16
07 46 19 00-0004	SF		22 Gauge, Painted Finish, Corrugated Steel Siding Panel..... For Galvanized Instead Of Painted Steel, Add	12.10 1.95	2.16
07 46 19 00-0005	SF		24 Gauge, Painted Finish, Corrugated Steel Siding Panel..... For Galvanized Instead Of Painted Steel, Add	11.82 1.88	2.16
07 46 19 00-0006	SF		26 Gauge, Painted Finish, Corrugated Steel Siding Panel..... For Galvanized Instead Of Painted Steel, Add	8.41 1.02	2.16

07 Thermal And Moisture Protection**07 40 Roofing and Siding Panels****07 46 Siding**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 46 19 00-0007	SF		28 Gauge, Painted Finish, Corrugated Steel Siding Panel	8.17	2.16
			<i>For Galvanized Instead Of Painted Steel, Add</i>	0.96	
07 46 19 00-0008	SF		30 Gauge, Painted Finish, Corrugated Steel Siding Panel	8.01	2.16
			<i>For Galvanized Instead Of Painted Steel, Add</i>	0.92	
07 46 19 00-0009			Box Ribbed Steel Siding Panels (07 46 19 00-0001)		
			Note: Includes factory applied polyvinylidene fluoride (PVDF) paint finish.		
07 46 19 00-0010	SF		20 Gauge, Painted Finish, Box Ribbed Steel Siding Panel.....	12.38	2.16
			<i>For Galvanized Instead Of Painted Steel, Add</i>	2.02	
07 46 19 00-0011	SF		22 Gauge, Painted Finish, Box Ribbed Steel Siding Panel.....	11.86	2.16
			<i>For Galvanized Instead Of Painted Steel, Add</i>	1.89	
07 46 19 00-0012	SF		24 Gauge, Painted Finish, Box Ribbed Steel Siding Panel.....	11.52	2.16
			<i>For Galvanized Instead Of Painted Steel, Add</i>	1.80	
07 46 19 00-0013	SF		26 Gauge, Painted Finish, Box Ribbed Steel Siding Panel.....	10.94	2.16
			<i>For Galvanized Instead Of Painted Steel, Add</i>	1.66	
07 46 19 00-0014	SF		28 Gauge, Painted Finish, Box Ribbed Steel Siding Panel.....	9.70	2.16
			<i>For Galvanized Instead Of Painted Steel, Add</i>	1.35	
07 46 19 00-0015			Clapboard Steel Siding Panels (07 46 19 00-0001)		
			Note: Includes factory applied polyvinylidene fluoride (PVDF) paint finish.		
07 46 19 00-0016	SF		29 Gauge, Painted Finish, Clapboard Steel Siding Panel.....	10.04	1.08
07 46 23			Wood Siding (07 46)		
			Note: Includes fasteners, all necessary furring strips, trim for corners, windows and doors.		
07 46 23 00-0001			Wood Lap Siding (07 46 23)		
07 46 23 00-0002	LF		8" Wide Rough Sawn Cedar Lap Siding	4.15	1.57
07 46 23 00-0003	LF		10" Wide Rough Sawn Cedar Lap Siding	4.70	1.68
07 46 23 00-0004	LF		12" Wide Rough Sawn Cedar Lap Siding	5.27	1.78
07 46 23 00-0005	LF		6" To 8" Wide Southern Yellow Pine Lap Siding, D Grade	4.45	1.57
07 46 23 00-0006	LF		6" To 8" Wide Spruce Lap Siding, #2 Or Better	4.97	1.57
07 46 23 00-0007	LF		6" To 8" Wide Western Red Cedar, B Grade Lap Siding	6.07	1.57
07 46 23 00-0008	LF		6" To 8" Wide Western Red Cedar, A Grade Lap Siding	6.51	1.57
07 46 23 00-0009	LF		6" To 8" Wide Clear Heart Redwood Lap Siding	5.89	1.57
07 46 23 00-0010	LF		1" x 8" Cedar Round Or Flat Front Siding, Log Cabin	4.08	1.68
07 46 23 00-0011	LF		1" x 8" Cedar Beveled Siding, Channel, Rustic	4.08	1.68
07 46 23 00-0012			Tongue And Groove Siding (07 46 23)		
07 46 23 00-0013	SF		1" x 6" Tongue And Groove Southern Yellow Pine Siding	4.15	1.57
07 46 23 00-0014	SF		1" x 8" Tongue And Groove Southern Yellow Pine Siding	4.61	1.57
07 46 23 00-0015	SF		1" x 6" 105 Southern Yellow Pine Siding	4.26	1.57
07 46 23 00-0016	SF		1" x 8" 105 Southern Yellow Pine Siding	4.88	1.57
07 46 29			Plywood Siding (07 46)		
			Note: Includes fasteners, all necessary furring strips, trim for corners, windows and doors.		
07 46 29 00-0001			T-111 Siding (07 46 29)		
07 46 29 00-0002	SF		5/8" T-111, Fine Grade Siding, Paint Ready Applied To Blackboard / Stud.....	3.03	0.76
			<i>For Pressure Treated, Add</i>	0.18	
07 46 33			Plastic Siding (07 46)		
			Note: Includes fasteners, all necessary furring strips, trim for corners, windows and doors.		
07 46 33 00-0001			Vinyl Siding (07 46 33)		
			Note: Includes standard manufacturer's colors.		
07 46 33 00-0002			Vinyl Siding Panels (07 46 33 00-0001)		
			Note: Excludes J-channels, starter strips and trim.		
07 46 33 00-0003			Horizontal Vinyl Siding Panels (07 46 33 00-0002)		
			Note: Includes single, double or triple profiles. Includes traditional clapboard or dutch lap styles.		
07 46 33 00-0004	SF		7" Exposure, 0.044" Thick, Horizontal Vinyl Siding Panel.....	5.25	1.86
			<i>For 0.040" Thick, Deduct</i>	-0.21	
			<i>For 0.042" Thick, Deduct</i>	-0.08	
			<i>For 0.046" Thick, Add</i>	0.65	
			<i>For Manufacturer's Custom Colors, Add</i>	0.08	
07 46 33 00-0005	SF		8" Exposure, 0.044" Thick, Horizontal Vinyl Siding Panel.....	5.03	1.75
			<i>For 0.040" Thick, Deduct</i>	-0.21	
			<i>For 0.042" Thick, Deduct</i>	-0.08	
			<i>For 0.046" Thick, Add</i>	0.65	
			<i>For Manufacturer's Custom Colors, Add</i>	0.08	
07 46 33 00-0006	SF		9" Exposure, 0.044" Thick, Horizontal Vinyl Siding Panel.....	4.86	1.67
			<i>For 0.040" Thick, Deduct</i>	-0.21	
			<i>For 0.042" Thick, Deduct</i>	-0.08	
			<i>For 0.046" Thick, Add</i>	0.65	
			<i>For Manufacturer's Custom Colors, Add</i>	0.08	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 46 33 00-0007	SF	10"	Exposure, 0.044" Thick, Horizontal Vinyl Siding Panel..... <i>For 0.040" Thick, Deduct</i> <i>For 0.042" Thick, Deduct</i> <i>For 0.046" Thick, Add</i> <i>For Manufacturer's Custom Colors, Add</i>	4.70 -0.21 -0.08 0.65 0.08	1.59
07 46 33 00-0008	SF	12"	Exposure, 0.044" Thick, Horizontal Vinyl Siding Panel..... <i>For 0.040" Thick, Deduct</i> <i>For 0.042" Thick, Deduct</i> <i>For 0.046" Thick, Add</i> <i>For Manufacturer's Custom Colors, Add</i>	4.48 -0.21 -0.08 0.65 0.08	1.47
07 46 33 00-0009			Vertical Vinyl Siding Panels (07 46 33 00-0002)		
07 46 33 00-0010	SF	7"	Exposure, 0.048" Thick, Board And Batten, Vinyl Siding Panel..... <i>For Manufacturer's Custom Colors, Add</i>	6.44 0.14	1.86
07 46 33 00-0011			Vinyl Siding Accessories (07 46 33 00-0001)		
07 46 33 00-0012	LF	3/4"	Pocket, Outside Corner Post For Vinyl Siding..... <i>For Manufacturer's Custom Colors, Add</i>	6.74 0.19	1.42
07 46 33 00-0013	LF	1-1/8"	Pocket, Outside Corner Post For Vinyl Siding..... <i>For Manufacturer's Custom Colors, Add</i>	12.70 0.49	1.42
07 46 33 00-0014	LF	3/4"	Pocket, Inside Corner Post For Vinyl Siding..... <i>For Manufacturer's Custom Colors, Add</i>	5.24 0.12	1.42
07 46 33 00-0015	LF	1-1/8"	Pocket, Inside Corner Post For Vinyl Siding..... <i>For Manufacturer's Custom Colors, Add</i>	6.50 0.18	1.42
07 46 33 00-0016	LF	3/8"	Pocket, J-Channel For Vinyl Siding..... <i>For Manufacturer's Custom Colors, Add</i>	3.81 0.06	1.42
07 46 33 00-0017	LF	1/2"	Pocket, J-Channel For Vinyl Siding..... <i>For Manufacturer's Custom Colors, Add</i>	3.53 0.05	1.42
07 46 33 00-0018	LF	5/8"	Pocket, J-Channel For Vinyl Siding..... <i>For Manufacturer's Custom Colors, Add</i>	3.47 0.04	1.42
07 46 33 00-0019	LF	3/4"	Pocket, J-Channel For Vinyl Siding..... <i>For Manufacturer's Custom Colors, Add</i>	3.65 0.05	1.42
07 46 33 00-0020	LF	1"	Pocket, J-Channel For Vinyl Siding..... <i>For Manufacturer's Custom Colors, Add</i>	4.38 0.08	1.42
07 46 33 00-0021	LF	1-1/4"	Pocket, J-Channel For Vinyl Siding..... <i>For Manufacturer's Custom Colors, Add</i>	4.81 0.10	1.42
07 46 33 00-0022	LF	2-1/2"	Pocket, J-Channel For Vinyl Siding..... <i>For Manufacturer's Custom Colors, Add</i>	5.34 0.09	1.42
07 46 33 00-0023	LF	1/2"	F-Channel For Vinyl Siding..... <i>For Manufacturer's Custom Colors, Add</i>	3.68 0.07	1.42
07 46 33 00-0024	LF	3/4"	Pocket, 3-1/2" Lineal Trim For Vinyl Siding..... <i>For Manufacturer's Custom Colors, Add</i>	8.52 0.23	1.97
07 46 33 00-0025	LF	3/4"	Pocket, 5" Lineal Trim For Vinyl Siding..... <i>For Manufacturer's Custom Colors, Add</i>	8.94 0.25	1.97
07 46 33 00-0026	LF	1-1/8"	Pocket, 3-1/2" Lineal Trim For Vinyl Siding..... <i>For Manufacturer's Custom Colors, Add</i>	9.87 0.30	1.97
07 46 33 00-0027	LF	3/8"	Pocket, 1-7/8" H-Mold For Vinyl Siding..... <i>For Manufacturer's Custom Colors, Add</i>	5.00 0.11	1.42
07 46 33 00-0028	LF		Vinyl Starter Strip For Vinyl Siding..... <i>For Manufacturer's Custom Colors, Add</i>	6.32 0.17	1.42
07 46 33 00-0029	LF		Undersill Trim For Vinyl Siding..... <i>For Manufacturer's Custom Colors, Add</i>	5.37 0.13	1.42
07 46 33 00-0030			Vinyl Soffit And Fascia (07 46 33 00-0001)		
			Note: Excludes J-channel.		
07 46 33 00-0031	LF	6"	Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit..... <i>For 0.038" Thick, Deduct</i> <i>For 0.040" Thick, Deduct</i> <i>For Manufacturer's Custom Colors, Add</i>	4.45 -0.63 -0.54 0.07	1.51
07 46 33 00-0032	LF	10"	Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit..... <i>For 0.038" Thick, Deduct</i> <i>For 0.040" Thick, Deduct</i> <i>For Manufacturer's Custom Colors, Add</i>	5.54 -1.06 -0.90 0.12	1.60
07 46 33 00-0033	LF	1"	Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit..... <i>For 0.038" Thick, Deduct</i> <i>For 0.040" Thick, Deduct</i> <i>For Manufacturer's Custom Colors, Add</i>	6.09 -1.29 -1.08 0.14	1.64
07 46 33 00-0034	LF	1'-6"	Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit..... <i>For 0.038" Thick, Deduct</i> <i>For 0.040" Thick, Deduct</i> <i>For Manufacturer's Custom Colors, Add</i>	7.66 -1.92 -1.62 0.21	1.73
07 46 33 00-0035	LF	2'	Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit..... <i>For 0.038" Thick, Deduct</i> <i>For 0.040" Thick, Deduct</i> <i>For Manufacturer's Custom Colors, Add</i>	9.41 -2.58 -2.15 0.28	1.89
07 46 33 00-0036	LF	3'	Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit..... <i>For 0.038" Thick, Deduct</i> <i>For 0.040" Thick, Deduct</i> <i>For Manufacturer's Custom Colors, Add</i>	12.60 -3.87 -3.23 0.42	2.08

07 Thermal And Moisture Protection**07 40 Roofing and Siding Panels****07 46 Siding**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 46 33 00-0037	LF		4' Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit..... <i>For 0.038" Thick, Deduct</i> <i>For 0.040" Thick, Deduct</i> <i>For Manufacturer's Custom Colors, Add</i>	15.82 -5.15 -4.33 0.56	2.30
07 46 33 00-0038	LF		5' Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit..... <i>For 0.038" Thick, Deduct</i> <i>For 0.040" Thick, Deduct</i> <i>For Manufacturer's Custom Colors, Add</i>	19.09 -6.44 -5.40 0.70	2.52
07 46 33 00-0039	LF		4" Exposure, Vinyl Fascia <i>For Manufacturer's Custom Colors, Add</i>	4.66 0.08	1.48
07 46 33 00-0040	LF		6" Exposure, Vinyl Fascia <i>For Manufacturer's Custom Colors, Add</i>	5.23 0.11	1.51
07 46 33 00-0041	LF		8" Exposure, Vinyl Fascia <i>For Manufacturer's Custom Colors, Add</i>	5.15 0.10	1.57
07 46 33 00-0042	LF		10" Exposure, Vinyl Fascia <i>For Manufacturer's Custom Colors, Add</i>	5.95 0.14	1.60
07 46 33 00-0043			Fiberglass Siding (07 46 33)		
07 46 33 00-0044			Corrugated Panels (07 46 33 00-0043)		
07 46 33 00-0045	SF		6 Ounce Corrugated Fiberglass Panels	6.84	2.19
07 46 33 00-0046	SF		8 Ounce Corrugated Fiberglass Panels	7.29	1.97
07 46 33 00-0047	SF		12 Ounce Corrugated Fiberglass Panels	8.13	1.97
07 46 33 00-0048			Flat Panels (07 46 33 00-0043)		
07 46 33 00-0049	SF		6 Ounce Flat Fiberglass Panels	6.54	1.97
07 46 33 00-0050	SF		8 Ounce Flat Fiberglass Panels	7.29	1.97
07 46 46			Fiber-Cement Siding (07 46)		
			Note: Smooth or patterns. Includes sealer and primer.		
07 46 46 00-0001			5/16" Thick, Fiber Cement Lap Siding (07 46 46)		
07 46 46 00-0002	SF		5-1/4" Board with 4" Exposure, 5/16" Thick, Fiber Cement Lap Siding.....	6.08	2.30
07 46 46 00-0003	SF		6-1/4" Board with 5" Exposure, 5/16" Thick, Fiber Cement Lap Siding.....	5.78	2.19
07 46 46 00-0004	SF		7-1/4" Board with 6" Exposure, 5/16" Thick, Fiber Cement Lap Siding.....	5.65	2.14
07 46 46 00-0005	SF		8-1/4" Board with 7" Exposure, 5/16" Thick, Fiber Cement Lap Siding.....	5.52	2.07
07 46 46 00-0006	SF		9-1/2" Board with 8" Exposure, 5/16" Thick, Fiber Cement Lap Siding.....	5.26	1.97
07 46 46 00-0007	SF		12" Board with 10-3/4" Exposure, 5/16" Thick, Fiber Cement Lap Siding.....	5.02	1.86
07 46 46 00-0008	LF		Starter Strip, Fiber Cement Lap Siding	1.33	0.55
07 46 46 00-0009			Fiber Cement Shingle Siding (07 46 46)		
07 46 46 00-0010	SF		Fiber Cement Shingle Siding	8.59	2.02
07 46 46 00-0011			Fiber Cement Vertical Panel Siding (07 46 46)		
07 46 46 00-0012	SF		Fiber Cement Vertical Panel Siding	4.44	1.64
07 46 46 00-0013			Fiber Cement Trim Boards (07 46 46)		
07 46 46 00-0014			7/16" Thick, Fiber Cement Trim Boards (07 46 46 00-0013)		
07 46 46 00-0015	LF		4" Wide, 7/16" Thick, Fiber Cement Trim Board	2.91	1.10
07 46 46 00-0016	LF		6" Wide, 7/16" Thick, Fiber Cement Trim Board	3.61	1.20
07 46 46 00-0017	LF		8" Wide, 7/16" Thick, Fiber Cement Trim Board	4.27	1.31
07 46 46 00-0018	LF		12" Wide, 7/16" Thick, Fiber Cement Trim Board	5.52	1.54
07 46 46 00-0019			3/4" Thick Fiber Cement Trim Boards (07 46 46 00-0013)		
07 46 46 00-0020	LF		4" Wide, 3/4" Thick, Fiber Cement Trim Board	3.03	1.10
07 46 46 00-0021	LF		6" Wide, 3/4" Thick, Fiber Cement Trim Board	3.79	1.20
07 46 46 00-0022	LF		8" Wide, 3/4" Thick, Fiber Cement Trim Board	4.57	1.31
07 46 46 00-0023	LF		12" Wide, 3/4" Thick, Fiber Cement Trim Board	4.86	1.54
07 46 46 00-0024			1" Thick Fiber Cement Trim Boards (07 46 46 00-0013)		
07 46 46 00-0025	LF		4" Wide, 1" Thick, Fiber Cement Trim Board	3.18	1.10
07 46 46 00-0026	LF		6" Wide, 1" Thick, Fiber Cement Trim Board	4.06	1.20
07 46 46 00-0027	LF		8" Wide, 1" Thick, Fiber Cement Trim Board	4.96	1.31
07 46 46 00-0028	LF		12" Wide, 1" Thick, Fiber Cement Trim Board	6.52	1.54
07 46 46 00-0029			Fiber Cement Fascia Board (07 46 46)		
07 46 46 00-0030	LF		5/4" x 3-1/2" Fiber Cement Fascia Board.....	5.64	2.16
07 46 46 00-0031	LF		5/4" x 5-1/2" Fiber Cement Fascia Board.....	6.89	2.41
07 46 46 00-0032	LF		5/4" x 7-1/4" Fiber Cement Fascia Board.....	7.54	2.41
07 46 46 00-0033	LF		5/4" x 11-1/4" Fiber Cement Fascia Board.....	9.80	2.83



Thermal And Moisture Protection			07
Roofing and Siding Panels			07 40
Siding			07 46

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

07 46 46 00-0034			Fiber Cement Soffit Boards (07 46 46)		
07 46 46 00-0035	SF	1/4" Thick, Non-Vented Fiber Cement Soffit		7.14	1.57
07 46 46 00-0036	SF	1/4" Thick, Vented Fiber Cement Soffit		7.66	1.57

07 46 63 Fabricated Panel Assemblies with Siding (07 46)

07 46 63 00-0001			Metal Liner Panels (07 46 63)		
07 46 63 00-0002			Galvanized Metal Liner Panels (07 46 63 00-0001)		
07 46 63 00-0003	SF	24 Gauge, 1-3/8" Thick Galvanized Metal Liner Panel		10.15	1.78
07 46 63 00-0004	SF	22 Gauge, 1-3/8" Thick Galvanized Metal Liner Panel		11.21	1.78
07 46 63 00-0005	SF	20 Gauge, 1-3/8" Thick Galvanized Metal Liner Panel		13.08	1.78
07 46 63 00-0006	SF	18 Gauge, 1-3/8" Thick Galvanized Metal Liner Panel		13.27	1.78

07 50 Membrane Roofing (07)

See CSI section 07 22 16 00-0000 for insulation, 07 60 00 00-0000 for additional flashing, sheet metal and trim, 07 70 00 00-0000 for additional roof accessories.

07 51 Built-Up Bituminous Roofing (07 50)

07 51 13 Built-Up Asphalt Roofing (07 51)

07 51 13 00-0001			Built-Up Asphalt Roofing Components (07 51 13)		
07 51 13 00-0002			Built-Up Asphalt Membrane Roofing (07 51 13 00-0001)		
Note: Includes all standard manufacturers' colors including white for granule and smooth surfaced cap sheets and flashing. See CSI section 07 51 13 00-0007 for built-up roofing demolition.					
07 51 13 00-0003			Cold Adhesive Applied, Built-Up Asphalt Membrane Roofing (07 51 13 00-0002)		
Note: Includes applying cold adhesive and embedding the membrane.					
07 51 13 00-0004			Cold Adhesive Applied, Built-Up Asphalt Roofing Base, Ply And Cap Sheets (07 51 13 00-0003)		
07 51 13 00-0005	SQ	Type IV, Asphalt Coated Fiberglass Ply Sheet, Cold Adhesive Applied	113.75		
		For Up To 10, Add	29.96		
		For >10 To 20, Add	16.78		
		For >20 To 40, Add	9.29		
		For >75 To 100, Deduct	-4.65		
		For >100 To 200, Deduct	-10.20		
		For >200, Deduct	-14.84		
07 51 13 00-0006	SQ	Asphalt Coated Polyester And Fiberglass Scrim, Base Or Ply Sheet, Cold Adhesive Applied	316.22		
		For Up To 10, Add	70.46		
		For >10 To 20, Add	37.03		
		For >20 To 40, Add	19.42		
		For >75 To 100, Deduct	-9.71		
		For >100 To 200, Deduct	-20.32		
		For >200, Deduct	-30.03		
07 51 13 00-0007			Cold Adhesive Applied, Built-Up Asphalt Roofing Flashing (07 51 13 00-0003)		
07 51 13 00-0008	SF	Asphalt Coated Polyester And Fiberglass Scrim, Flashing, Cold Adhesive Applied	7.53		
07 51 13 00-0009			Hot-Mopped, Built-Up Asphalt Membrane Roofing (07 51 13 00-0002)		
Note: Includes mopping hot asphalt and embedding the membrane.					
07 51 13 00-0010			Hot-Mopped, Built-Up Asphalt Roofing Base, Ply And Cap Sheets (07 51 13 00-0009)		
07 51 13 00-0011	SQ	Type IV, Asphalt Coated Fiberglass Ply Sheet, Hot-Mopped	83.54		
		For Up To 10, Add	24.05		
		For >10 To 20, Add	13.86		
		For >20 To 40, Add	7.85		
		For >75 To 100, Deduct	-3.92		
		For >100 To 200, Deduct	-8.76		
		For >200, Deduct	-12.69		
07 51 13 00-0012	SQ	Type VI, Asphalt Coated Fiberglass Ply Sheet, Hot-Mopped	89.31		
		For Up To 10, Add	25.20		
		For >10 To 20, Add	14.43		
		For >20 To 40, Add	8.13		
		For >75 To 100, Deduct	-4.07		
		For >100 To 200, Deduct	-9.05		
		For >200, Deduct	-13.12		
07 51 13 00-0013	SQ	Fine Mineral Surfaced, Asphalt Coated Fiberglass Base Sheet, Hot-Mopped	95.87		
		For Up To 10, Add	26.51		
		For >10 To 20, Add	15.09		
		For >20 To 40, Add	8.46		
		For >75 To 100, Deduct	-4.23		
		For >100 To 200, Deduct	-9.38		
		For >200, Deduct	-13.61		

07 Thermal And Moisture Protection**07 50 Membrane Roofing****07 51 Built-Up Bituminous Roofing**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 51 13 00-0014 SQ Asphalt Coated Fiberglass Venting Base Sheet, Hot-Mopped.....	168.63	
For Up To 10, Add	41.06	
For >10 To 20, Add	22.37	
For >20 To 40, Add	12.10	
For >75 To 100, Deduct	-6.05	
For >100 To 200, Deduct	-13.02	
For >200, Deduct	-19.07	
07 51 13 00-0015 SQ Asphalt Coated Polyester And Fiberglass Scrim, Base Or Ply Sheet, Hot-Mopped	286.02	
For Up To 10, Add	64.54	
For >10 To 20, Add	34.11	
For >20 To 40, Add	17.97	
For >75 To 100, Deduct	-8.99	
For >100 To 200, Deduct	-18.89	
For >200, Deduct	-27.87	
07 51 13 00-0016 SQ Granule Surfaced, Asphalt Coated Fiberglass Cap Sheet, Hot-Mopped	216.50	
For Up To 10, Add	51.33	
For >10 To 20, Add	27.68	
For >20 To 40, Add	14.84	
For >75 To 100, Deduct	-7.42	
For >100 To 200, Deduct	-15.85	
For >200, Deduct	-23.27	
07 51 13 00-0017 Hot-Mopped, Built-Up Asphalt Roofing Flashing (07 51 13 00-0009)		
07 51 13 00-0018 SF Asphalt Coated Polyester And Fiberglass Scrim, Flashing, Hot-Mopped	4.78	
07 51 13 00-0019 Mechanically Fastened, Built-Up Asphalt Membrane Roofing (07 51 13 00-0002)		
Note: Includes fasteners.		
07 51 13 00-0020 Mechanically Fastened, Built-Up Asphalt Roofing Base, Ply And Cap Sheets (07 51 13 00-0019)		
07 51 13 00-0021 SQ Type VI, Asphalt Coated Fiberglass Ply Sheet, Mechanically Fastened.....	88.36	
For Up To 10, Add	21.27	
For >10 To 20, Add	11.54	
For >20 To 40, Add	6.22	
For >75 To 100, Deduct	-3.11	
For >100 To 200, Deduct	-6.67	
For >200, Deduct	-9.78	
07 51 13 00-0022 SQ Asphalt Coated Fiberglass Venting Base Sheet, Mechanically Fastened.....	167.67	
For Up To 10, Add	37.14	
For >10 To 20, Add	19.47	
For >20 To 40, Add	10.18	
For >75 To 100, Deduct	-5.09	
For >100 To 200, Deduct	-10.63	
For >200, Deduct	-15.73	
07 51 13 00-0023 SQ Asphalt Coated Polyester And Fiberglass Scrim, Base Or Ply Sheet, Mechanically Fastened.....	285.06	
For Up To 10, Add	60.61	
For >10 To 20, Add	31.21	
For >20 To 40, Add	16.05	
For >75 To 100, Deduct	-8.03	
For >100 To 200, Deduct	-16.50	
For >200, Deduct	-24.53	
07 51 13 00-0024 Mechanically Fastened, Built-Up Asphalt Roofing Flashing (07 51 13 00-0019)		
07 51 13 00-0025 SF Asphalt Coated Polyester And Fiberglass Scrim, Flashing, Mechanically Fastened	5.80	
07 51 13 00-0026 Asphalt Saturated Organic Felt (07 51 13 00-0001)		
07 51 13 00-0027 Cold Adhesive Applied, Asphalt Saturated Organic Felt (07 51 13 00-0026)		
Note: Includes applying cold adhesive and embedding the felt.		
07 51 13 00-0028 SQ 15 LB, Asphalt Saturated Organic Base Or Ply Sheet, Cold Adhesive Applied	110.13	
For Up To 10, Add	29.24	
For >10 To 20, Add	16.42	
For >20 To 40, Add	9.11	
For >75 To 100, Deduct	-4.56	
For >100 To 200, Deduct	-10.01	
For >200, Deduct	-14.57	
07 51 13 00-0029 SQ 30 LB, Asphalt Saturated Organic Base Or Ply Sheet, Cold Adhesive Applied	125.02	
For Up To 10, Add	32.22	
For >10 To 20, Add	17.91	
For >20 To 40, Add	9.86	
For >75 To 100, Deduct	-4.93	
For >100 To 200, Deduct	-10.76	
For >200, Deduct	-15.69	
07 51 13 00-0030 Hot-Mopped, Asphalt Saturated Organic Felt (07 51 13 00-0026)		
Note: Includes mopping hot asphalt and embedding the felt.		



Thermal And Moisture Protection			07
Membrane Roofing			07 50
Built-Up Bituminous Roofing			07 51

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 51 13 00-0031	SQ	15 LB, Asphalt Saturated Organic Base Or Ply Sheet, Hot-Mopped	.....	79.93	
		For Up To 10, Add	.....	23.32	
		For >10 To 20, Add	.....	13.50	
		For >20 To 40, Add	.....	7.67	
		For >75 To 100, Deduct	.....	-3.83	
		For >100 To 200, Deduct	.....	-8.58	
		For >200, Deduct	.....	-12.42	
07 51 13 00-0032	SQ	30 LB, Asphalt Saturated Organic Base Or Ply Sheet, Hot-Mopped	.....	94.82	
		For Up To 10, Add	.....	26.30	
		For >10 To 20, Add	.....	14.99	
		For >20 To 40, Add	.....	8.41	
		For >75 To 100, Deduct	.....	-4.21	
		For >100 To 200, Deduct	.....	-9.33	
		For >200, Deduct	.....	-13.53	
07 51 13 00-0033		Mechanically Fastened, Asphalt Saturated Organic Felt (07 51 13 00-0026)	.....		
		Note: Includes fasteners.	.....		
07 51 13 00-0034	SQ	15 LB, Asphalt Saturated Organic Base Or Ply Sheet, Mechanically Fastened	.....	40.17	
		For Up To 10, Add	.....	11.64	
		For >10 To 20, Add	.....	6.72	
		For >20 To 40, Add	.....	3.81	
		For >75 To 100, Deduct	.....	-1.90	
		For >100 To 200, Deduct	.....	-4.26	
		For >200, Deduct	.....	-6.16	
07 51 13 00-0035	SQ	30 LB, Asphalt Saturated Organic Base Or Ply Sheet, Mechanically Fastened	.....	55.06	
		For Up To 10, Add	.....	14.61	
		For >10 To 20, Add	.....	8.21	
		For >20 To 40, Add	.....	4.55	
		For >75 To 100, Deduct	.....	-2.28	
		For >100 To 200, Deduct	.....	-5.00	
		For >200, Deduct	.....	-7.28	
07 51 13 00-0036		Surfacing (07 51 13 00-0001)	.....		
07 51 13 00-0037	SQ	400 LB/SQ Gravel Roofing Ballast, Set In Hot Asphalt Flood Coat	.....	177.04	
		For Up To 10, Add	.....	53.44	
		For >10 To 20, Add	.....	31.23	
		For >20 To 40, Add	.....	17.87	
		For >75 To 100, Deduct	.....	-8.93	
		For >100 To 200, Deduct	.....	-20.12	
		For >200, Deduct	.....	-29.05	
07 51 13 00-0038	SQ	400 LB/SQ Gravel Roofing Ballast, Set In Cold Adhesive Flood Coat	.....	264.65	
		For Up To 10, Add	.....	70.96	
		For >10 To 20, Add	.....	39.99	
		For >20 To 40, Add	.....	22.25	
		For >75 To 100, Deduct	.....	-11.12	
		For >100 To 200, Deduct	.....	-24.50	
		For >200, Deduct	.....	-35.63	
07 51 13 00-0039	CY	Gravel Roofing Ballast, Spread To Desired Thickness	.....	185.42	
		Note: Excludes hot asphalt or cold adhesive.	.....		
07 51 13 00-0040	SQ	Protective Polypropylene Fabric Mat, Loose Laid	.....	52.46	
		Note: Installed as a separator mat (under membrane), a crushed stone mat (above membrane) or as a stone separator mat in ballasted systems.	.....		
		For Up To 10, Add	.....	12.87	
		For >10 To 20, Add	.....	7.03	
		For >20 To 40, Add	.....	3.81	
		For >75 To 100, Deduct	.....	-1.91	
		For >100 To 200, Deduct	.....	-4.11	
		For >200, Deduct	.....	-6.02	
07 51 13 00-0041	SQ	Clay-Stabilized, Water-Based Asphalt Emulsion With Reinforcing Fibers, Weather-Proofing Surface Coating, Price Per Coat	.....	129.36	
		Note: Protective coating for use over built-up, SBS and APP modified bitumen, metal, concrete and wood roofs.	.....		
		For Up To 10, Add	.....	30.20	
		For >10 To 20, Add	.....	16.18	
		For >20 To 40, Add	.....	8.63	
		For >75 To 100, Deduct	.....	-4.32	
		For >100 To 200, Deduct	.....	-9.17	
		For >200, Deduct	.....	-13.49	
07 51 13 00-0042	SQ	Fibrated Aluminum, Asphalt-Based, Reflective Weather-Proofing Surface Coating, Price Per Coat	.....	114.87	
		Note: Protective and reflective coating for use over built-up, SBS and APP modified bitumen and metal roofs.	.....		
		For Up To 10, Add	.....	27.30	
		For >10 To 20, Add	.....	14.73	
		For >20 To 40, Add	.....	7.91	
		For >75 To 100, Deduct	.....	-3.95	
		For >100 To 200, Deduct	.....	-8.45	
		For >200, Deduct	.....	-12.40	
07 51 13 00-0043	SQ	Aluminum Flakes And Reinforcing Fibers Suspended In Emulsified Asphalt, Reflective Surface Coating, Price Per Coat	.....	154.41	
		Note: Reflective coating for use over smooth-surfaced built-up roofs.	.....		
		For Up To 10, Add	.....	35.21	
		For >10 To 20, Add	.....	18.69	
		For >20 To 40, Add	.....	9.88	
		For >75 To 100, Deduct	.....	-4.94	
		For >100 To 200, Deduct	.....	-10.43	
		For >200, Deduct	.....	-15.37	

07 Thermal And Moisture Protection**07 50 Membrane Roofing****07 51 Built-Up Bituminous Roofing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 51 13 00-0044	SQ		100% Acrylic Elastomeric, Reflective Surface Coating, Price Per Coat..... Note: Reflective coating for use over built-up, SBS and APP modified bitumen roofs. For use on smooth or granule surfaced roofing systems.	155.70	
			For Up To 10, Add	35.47	
			For >10 To 20, Add	18.82	
			For >20 To 40, Add	9.95	
			For >75 To 100, Deduct	-4.97	
			For >100 To 200, Deduct	-10.49	
			For >200, Deduct	-15.46	
			For Installation Over Granule Surfaced Asphalt Roof Systems, Add	46.40	
07 51 13 00-0045	SQ		100% Acrylic Elastomeric, Bleed Blocking Base Coating, Price Per Coat..... Note: Bleed blocking coating for use over built-up, Styrene-Butadiene-Styrene (SBS) and Atactic-Polypropylene (APP) modified bitumen roofs. For use on smooth or granule surfaced roofing systems.	161.03	
			For Up To 10, Add	36.53	
			For >10 To 20, Add	19.35	
			For >20 To 40, Add	10.22	
			For >75 To 100, Deduct	-5.11	
			For >100 To 200, Deduct	-10.76	
			For >200, Deduct	-15.86	
			For Installation Over Granule Surfaced Asphalt Roof Systems, Add	48.16	
07 51 13 00-0046	SF		Ceramic Coated Roofing Granules, Hand Broadcast Note: For application over liquid flashing/membranes, asphalt bleed-out areas, modified or BUR membrane repairs, etc.	2.53	
07 51 13 00-0047	SF		Energy Star, Ceramic Coated UltraWhite Roofing Granules, Hand Broadcast..... Note: For application over liquid flashing/membranes, asphalt bleed-out areas, modified or BUR membrane repairs, etc.	4.51	
07 51 13 00-0048	SQ		Vapor Permeable Synthetic Underlayment (GAF Deck-Armor™).....	40.11	
07 51 13 00-0049			Walkway Pads (07 51 13 00-0001) Note: Set in hot asphalt or cold adhesive.		
07 51 13 00-0050	LF		5/16" Thick, 32" Wide, Skid Resistant, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Walkway Pad	32.47	
07 51 13 00-0051	LF		1/2" Thick, 32" Wide, Skid Resistant, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Walkway Pad	38.71	
07 51 13 00-0052			Cant And Tapered Edge Strips (07 51 13 00-0001)		
07 51 13 00-0053	LF		2" x 2" Perlite Cant Strip	4.39	
07 51 13 00-0054	LF		3" x 3" Perlite Cant Strip	4.54	
07 51 13 00-0055	LF		4" x 4" Perlite Cant Strip	5.21	
07 51 13 00-0056	LF		3" x 3" Pressure Treated Wood Cant Strip, Cut Diagonally	4.12	
07 51 13 00-0057	LF		4" x 4" Pressure Treated Wood Cant Strip, Cut Diagonally	4.23	
07 51 13 00-0058	LF		1/2" x 6" Perlite Tapered Edge Strip	4.91	
07 51 13 00-0059	LF		1/2" x 12" Perlite Tapered Edge Strip	5.69	
07 51 13 00-0060	LF		1" x 12" Perlite Tapered Edge Strip	5.90	
07 51 13 00-0061	LF		1" x 24" Perlite Tapered Edge Strip	6.72	
07 51 13 00-0062	LF		1-1/2" x 12" Perlite Tapered Edge Strip	6.64	
07 51 13 00-0063	LF		1-1/2" x 18" Perlite Tapered Edge Strip	8.11	
07 51 13 00-0064	LF		1-1/2" x 24" Perlite Tapered Edge Strip	9.18	
07 51 13 00-0065			Asphalt Primer (07 51 13 00-0001)		
07 51 13 00-0066	SQ		Asphalt Primer For Roofing Systems..... Note: Foundation coating for hot-mopped and cold applied asphalt coatings, roof cements, and asphalt based roof adhesives. For use on weathered roofing, asphalt, concrete, gypsum, masonry, block, brick and metal surfaces.	37.17	
07 51 13 00-0067			Demolish Built-Up Roofing (07 51 13 00-0001) Note: For removing any asphalt, coal tar or modified bitumen roofing system, including surfacing material down to the insulation or recovery board. Includes removal of any basic roof accessories and any sheet metals; except special existing conditions (mechanical equipment piping, electrical, ducts, etc.).		
07 51 13 00-0068	SQ		Demolish Gravel/Slag Surfaced, Built Up Roofing System	378.66	
			For Up To 10, Add	93.92	
			For >10 To 25, Add	56.35	
07 51 13 00-0069	SQ		Demolish Cap Sheet Surfaced, Built Up Roofing System	292.11	
			Note: Includes protective surfacing.		
			For Up To 10, Add	72.45	
			For >10 To 25, Add	43.47	
07 51 13 00-0070			Roofing System Warranty (07 51 13 00-0001) Note: The warranty tasks below are only to be used in conjunction with the built-up bituminous and modified bituminous membrane roofing sections. The appropriate task is to be applied to the completed roofing membrane systems, not individual components. All warranties are no dollar limit to include material, equipment and labor.		
07 51 13 00-0071	EA		Up To 50 SQ, 10 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty	634.62	
07 51 13 00-0072	SQ		>50 SQ, 10 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty	9.07	
07 51 13 00-0073	EA		Up To 50 SQ, 15 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty	725.28	
07 51 13 00-0074	SQ		>50 SQ, 15 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty	14.51	
07 51 13 00-0075	EA		Up To 50 SQ, 20 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty	997.26	
07 51 13 00-0076	SQ		>50 SQ, 20 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty	19.95	



Thermal And Moisture Protection			07
Membrane Roofing			07 50
Built-Up Bituminous Roofing			07 51

07

MINOR CSI UOM DESCRIPTION		TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 51 13 00-0077	Built-Up Roofing Components (Tremco) (07 51 13) Note: All tasks presented as a single layer. Adhesives are priced separately.		
07 51 13 00-0078	Cold Applied BUR Base Plies And Ply Sheets (07 51 13 00-0077)		
07 51 13 00-0079	SQ BURmastic Composite Ply, Cold Applied BUR Component Note: Asphalt coated polyester/glass/polyester trilaminate reinforced ply sheet. Type II. 55 mils. Also used as a hot or cold applied base sheet.	144.83	
07 51 13 00-0080	SQ BURmastic Premium Composite Ply, Cold Applied BUR Component Note: Asphalt coated polyester/glass/polyester trilaminate reinforced high strength ply sheet. Type II. 57 mil. Also used as a hot or cold applied base sheet.	175.86	
07 51 13 00-0081	SQ BURmastic Supreme Composite Ply, Cold Applied BUR Component Note: Asphalt coated polyester/glass/polyester trilaminate reinforced high strength ply sheet. Type II. 51 mil. Also used as a hot or cold applied base sheet.	202.51	
07 51 13 00-0082	SQ 28 LB BURmastic Glass Ply, Cold Applied BUR Component Note: Asphalt coated fiberglass base or ply sheet. Type II.	45.89	
07 51 13 00-0083	SQ 33 LB BURmastic Glass Ply, Cold Applied BUR Component Note: Asphalt coated fiberglass base or ply sheet. Type II.	66.69	
07 51 13 00-0084	SQ POWERply Modified HE Base Sheet, Hot Or Cold Applied BUR Component Note: Smooth surfaced, high elongation polyester reinforced modified bitumen base sheet. Type I, Grade S. 94 mil.	278.02	
07 51 13 00-0085	SQ POWERply Modified Heavy Duty Base Sheet, Hot Applied BUR Component Note: A smooth surfaced, non-woven fiberglass/scrim fiberglass bilaminate reinforced modified bitumen membrane. 120 mil.	257.16	
07 51 13 00-0086	Hot Or Cold Applied Modified Bitumen Cap Membrane (07 51 13 00-0077)		
07 51 13 00-0087	SQ POWERply Standard Smooth Cap Membrane, Hot Or Cold Applied BUR Component Note: Fiberglass reinforced modified bitumen membrane. Type I, Grade S. 80 mils. Also used as a hot or cold applied ply.	156.68	
07 51 13 00-0088	SQ POWERply Premium Smooth Cap Membrane, Hot Or Cold Applied BUR Component Note: Polyester/glass bilaminate reinforced modified bitumen membrane. Type III, Grade S. 90 mils. Also used as a hot or cold applied ply.	416.32	
07 51 13 00-0089	SQ POWERply Supreme Smooth Cap Membrane, Hot Or Cold Applied BUR Component Note: Polyester/glass bilaminate reinforced modified bitumen membrane. Type III, Grade S. 98 mils. Also used as a hot or cold applied ply.	689.17	
07 51 13 00-0090	SQ POWERply Standard Cap Membrane, Hot Or Cold Applied BUR Component Note: Granule surface, fiberglass reinforced modified bitumen cap sheet membrane. 120 mils. Black or white surface.	182.81	
07 51 13 00-0091	SQ POWERply Standard FR Cap Membrane, Hot Or Cold Applied BUR Component Note: Fire rated, granule surfaced, fiberglass reinforced modified bitumen membrane. Type I, Grade G. 120 mils.	281.14	
07 51 13 00-0092	SQ POWERply Premium FR Cap Membrane, Hot Or Cold Applied BUR Component Note: Fire rated, granule surfaced, polyester/glass bilaminate reinforced modified bitumen membrane. Type III, Grade S. 160 mils. Black or white surface.	683.40	
07 51 13 00-0093	SQ POWERply Standard FR GT24W Cap Membrane, Hot Or Cold Applied BUR Component Note: Highly reflective, fire rated, granule surfaced, fiberglass reinforced modified bitumen membrane meeting California's Title 24 requirements. Type I, Grade G. 120 mils.	496.89	
07 51 13 00-0094	SQ POWERply HE FR Cap Sheet, Hot Applied BUR Component Note: High elongation, fire rated, granule surfaced, polyester reinforced modified bitumen membrane. 160 mils.	493.69	
07 51 13 00-0095	Self Adhesive Base Plies And Ply Sheets (07 51 13 00-0077)		
07 51 13 00-0096	SQ POWERply SA Base Sheet, Self Adhesive Roofing Note: A self adhesive, fiberglass reinforced Styrene-Butadiene-Styrene (SBS) modified bitumen base sheet/underlayment. Type 1, Grade S. 80 mils.	286.50	
07 51 13 00-0097	SQ POWERply SA FR Membrane, Self Adhesive Roofing Note: A fire rated, granule surfaced, polyester reinforced, self adhesive Styrene-Butadiene-Styrene (SBS) modified bitumen membrane. Type I, Grade G. 130 mils.	566.61	
07 51 13 00-0098	Flashings (07 51 13 00-0077)		
07 51 13 00-0099	LF 11-1/2" Hypalon Elastomeric Flashing Note: 45 mils.	17.32	
07 51 13 00-0100	LF 19" Hypalon Elastomeric Flashing Note: 45 mils.	28.01	
07 51 13 00-0101	LF 25" Hypalon Elastomeric Flashing Note: 45 mils.	37.19	
07 51 13 00-0102	LF 38" Hypalon Elastomeric Flashing Note: 45 mils.	54.62	
07 51 13 00-0103	LF 60-1/2" Hypalon Elastomeric Flashing Note: 45 mils.	89.83	
07 51 13 00-0104	LF 12" TRA Elastomeric Flashing Membrane Note: Polyester reinforced flashing membrane. 45 mils.	13.63	
07 51 13 00-0105	LF 18" TRA Elastomeric Flashing Membrane Note: Polyester reinforced flashing membrane. 45 mils.	22.10	
07 51 13 00-0106	LF 24" TRA Elastomeric Flashing Membrane Note: Polyester reinforced flashing membrane. 45 mils.	29.44	
07 51 13 00-0107	LF 36" TRA Elastomeric Flashing Membrane Note: Polyester reinforced flashing membrane. 45 mils.	43.09	
07 51 13 00-0108	LF 60" TRA Elastomeric Flashing Membrane Note: Polyester reinforced flashing membrane. 45 mils.	72.48	
07 51 13 00-0109	LF 4" BURmesh Fabric Note: Glass membrane for reinforcement or repair of roof membranes and flashings.	3.70	
07 51 13 00-0110	LF 6" BURmesh Fabric Note: Glass membrane for reinforcement or repair of roof membranes and flashings.	3.88	

07 Thermal And Moisture Protection**07 50 Membrane Roofing****07 51 Built-Up Bituminous Roofing**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 51 13 00-0111	LF	12" BURmesh Fabric Note: Glass membrane for reinforcement or repair of roof membranes and flashings.	5.47	
07 51 13 00-0112	LF	36" BURmesh Fabric Note: Glass membrane for reinforcement or repair of roof membranes and flashings.	14.19	
07 51 13 00-0113		Cold Applied Adhesives (07 51 13 00-0077)		
07 51 13 00-0114	SQ	BURmastic Inter-Ply Cold Applied Adhesive.....	176.43	
07 51 13 00-0115	SQ	BURmastic Flood Coat Cold Applied Adhesive.....	291.08	
07 51 13 00-0116	SQ	BURmastic SF Inter-Ply Cold Applied Adhesive.....	225.18	
07 51 13 00-0117	SQ	BURmastic LV Inter-Ply Cold Applied Adhesive.....	176.43	
07 51 13 00-0118	SQ	POWERply Standard Inter-Ply Cold Applied Adhesive.....	88.57	
07 51 13 00-0119	SQ	POWERply Standard Flood Coat Cold Applied Adhesive.....	198.07	
07 51 13 00-0120	SQ	POWERply White On White Cold Applied Adhesive.....	195.42	
07 51 13 00-0121	SQ	Rock-It Cold Applied Adhesive For Gravel Applications.....	549.64	
07 51 13 00-0122	SQ	FAS-n-FREE Cold Applied Adhesive (Beads 12" OC)..... Note: For insulation only.	304.13	
07 51 13 00-0123	SQ	ECOLastic Cold Applied Adhesive.....	340.54	
07 51 13 00-0124		Hot Applied Adhesives (07 51 13 00-0077)		
07 51 13 00-0125	SQ	Premium III Asphalt Inter-Ply Hot Applied Adhesive.....	62.29	
07 51 13 00-0126	SQ	Premium III Asphalt Flood Coat Hot Applied Adhesive.....	116.59	
07 51 13 00-0127		Flashings Adhesives (07 51 13 00-0077)		
07 51 13 00-0128	LF	Sheeting Bond Flashing Adhesive Note: Used to attach Hypalon sheeting to asphalt or coal-tar roofing membranes.	20.66	
07 51 13 00-0129	LF	Polyroof SF Flashing Mastic Note: A solvent free, one part elastomeric roof mastic. Used to seal edges or as a repair mastic for split or cracked seals.	27.64	
07 51 13 00-0130	LF	ELS Flashing Mastic Note: Used for repairing flashings and asphalt built-up roof defects.	16.47	
07 51 13 00-0131	LF	TremSEAL D General Purpose Sealant.....	6.24	
07 51 13 00-0132	LF	TremSEAL HP High Performance Sealant.....	6.42	
07 51 13 00-0133	LF	TremSEAL S Silicone Sealant.....	6.28	
07 51 13 00-0134		Surfacing (07 51 13 00-0077)		
07 51 13 00-0135	SQ	TremLastic SP Non-Fibered Elastomeric Emulsion Cold Applied Coating.....	263.83	
07 51 13 00-0136	SQ	ICE Coating, Water Based, Heavy Bodied Elastomeric Roof Coating.....	589.14	
07 51 13 00-0137	SQ	Polar Coat.....	149.69	
07 51 13 00-0138	SQ	Alumanation 301, Asphalt Based, Fibrated Aluminum Roof Coating.....	184.15	
07 51 13 00-0139	SQ	Wall-Tite, Elastomeric Coating For Exterior Above-Grade Walls.....	539.30	
07 51 13 00-0140	SQ	Solarguard Hy-Build, Elastomeric Coating For Exterior Above-Grade Walls.....	242.14	
07 51 13 00-0141	SQ	100% Stitchbonded, Polyester Fabric (Tremco PERMAFAB).....	69.66	
07 51 13 00-0142		Walkway Protection Pads (07 51 13 00-0077)		
07 51 13 00-0143	LF	36" Wide, Fiberglass Reinforced Asphaltic Walkway Protection Pad (Tremco Trem-Tred®).....	33.42	
07 51 13 00-0144		Primer (07 51 13 00-0077)		
07 51 13 00-0145	SQ	TREPrime WB Primer Note: Water based polymer modified asphalt primer.	37.37	
07 51 13 00-0146	SQ	Solarguard Masonry Primer, Acrylic Latex Primer For Wall Tite F Coating.....	86.02	
07 51 13 00-0147		Liquid Applied Roofing (07 51 13 00-0077)		
07 51 13 00-0148	SQ	Trem-LAR LRM H Waterproofing (Horizontal) Note: One part liquid applied elastomeric roofing membrane. 60 mils.	447.88	
07 51 13 00-0149	SQ	Trem-LAR LRM V Waterproofing (Vertical)..... Note: One part liquid applied elastomeric roofing membrane. 60 mils.	455.66	
07 51 13 00-0150	SQ	AlphaGuard BIO Base Coat, High Performance, Two-Part, Polyurethane Roof Coating For Smooth BUR/MB, Concrete Or Single Ply Surfaces..... Note: Two part liquid applied polyurethane roof coating. 48 mils.	587.33	
07 51 13 00-0151	SQ	AlphaGuard BIO Base Coat, High Performance, Two-Part, Polyurethane Roof Coating For Granule MB Surfaces..... Note: Two part liquid applied polyurethane roof coating. 64 mils.	765.32	
07 51 13 00-0152	SQ	AlphaGuard BIO Top Coat, High Performance, Two-Part, Polyurethane Roof Coating..... Note: Two part liquid applied polyurethane roof coating. 32 mils.	444.62	
07 51 13 00-0153	SQ	AlphaGuard Glass Mat..... Note: Reinforcement mat for AlphaGuard systems.	85.36	
07 51 13 00-0154	SQ	AlphaGuard C-Prime Primer..... Note: 100% solids epoxy primer for concrete surfaces.	85.62	
07 51 13 00-0155	SQ	AlphaGuard M-Prime Primer..... Note: Water based primer for metal and plastic surfaces.	92.15	
07 51 13 00-0156	SQ	Geogard Primer Note: Reactivation primer for cured AlphaGuard MT roof systems and coatings.	67.47	
07 51 13 00-0157	SQ	AlphaGuard Primer WB Note: Water based polymer modified primer which conditions a variety of roofing substrates prior to the application of AlphaGuard systems.	60.52	



Thermal And Moisture Protection			07
Membrane Roofing			07 50
Built-Up Bituminous Roofing			07 51

07

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 51 13 00-0158 Atactic-Polypropylene (APP) Products (07 51 13 00-0077)		
07 51 13 00-0159 SQ POWERply Atactic-Polypropylene (APP) Base Sheet	230.89	
07 51 13 00-0160 SQ POWERply Atactic-Polypropylene (APP) FR	437.61	
07 51 13 00-0161 SQ POWERply Atactic-Polypropylene (APP) Smooth	350.66	
07 51 13 00-0162 Tri-Polymer Alloy (TPA) White Membrane (07 51 13 00-0077)		
07 51 13 00-0163 SQ 45 Mil Tri-Polymer Alloy (TPA) White Membrane	612.31	
07 51 13 00-0164 SQ 60 Mil Tri-Polymer Alloy (TPA) White Membrane	843.18	
07 51 13 00-0165 SQ 80 Mil Tri-Polymer Alloy (TPA) White Membrane	959.53	
07 51 13 00-0166 Tri-Polymer Alloy (TPA) Polyester Fleece Backed White Membrane (07 51 13 00-0077)		
07 51 13 00-0167 SQ 45 Mil Tri-Polymer Alloy (TPA) Polyester Fleece Backed White Membrane	705.89	
07 51 13 00-0168 SQ 60 Mil Tri-Polymer Alloy (TPA) Polyester Fleece Backed White Membrane	868.00	
07 51 13 00-0169 SQ 80 Mil Tri-Polymer Alloy (TPA) Polyester Fleece Backed White Membrane	1,063.86	
07 51 13 00-0170 Tri-Polymer Alloy (TPA) Membrane Accessories (07 51 13 00-0077)		
07 51 13 00-0171 EA >1" To 4" Pipe Diameter, Prefabricated Tri-Polymer Alloy (TPA) Pipe Cone/Boot (Tremco)	126.02	
07 51 13 00-0172 EA >4" To 8" Pipe Diameter, Prefabricated Tri-Polymer Alloy (TPA) Pipe Cone/Boot (Tremco)	143.15	
07 51 13 00-0173 LF 36" Wide, Thermoplastic Tri-Polymer Alloy (TPA) Walkway Protection Pad (Tremco)	19.76	
07 51 13 00-0174 SQ Factory Coated Steel Fasteners And Steel Or Plastic Membrane Plates (Tremco)	67.42	
07 51 13 00-0175 Thermoplastic Polyolefin (TPO) Polyester White Membrane (07 51 13 00-0077)		
07 51 13 00-0176 SQ 45 Mil Thermoplastic Polyolefin (TPO) Polyester White Membrane	325.68	
07 51 13 00-0177 SQ 60 Mil Thermoplastic Polyolefin (TPO) Polyester White Membrane	330.72	
07 51 13 00-0178 SQ 80 Mil Thermoplastic Polyolefin (TPO) Polyester White Membrane	593.51	
07 51 13 00-0179 Thermoplastic Polyolefin (TPO) Polyester Fleece Backed White Membrane (07 51 13 00-0077)		
07 51 13 00-0180 SQ 45 Mil Thermoplastic Polyolefin (TPO) Polyester Fleece Backed White Membrane	380.46	
07 51 13 00-0181 SQ 60 Mil Thermoplastic Polyolefin (TPO) Polyester Fleece Backed White Membrane	430.15	
07 51 13 00-0182 SQ 80 Mil Thermoplastic Polyolefin (TPO) Polyester Fleece Backed White Membrane	629.12	
07 51 13 00-0183 Chlorosulfonated Polyethylene (CSPE) White Membrane (Tremply HP 4510) (07 51 13 00-0077)		
07 51 13 00-0184 SQ 45 Mil Chlorosulfonated Polyethylene (CSPE) White Membrane (Tremply HP 4510)	1,034.92	
07 51 13 00-0185 Single Ply Adhesives (07 51 13 00-0077)		
07 51 13 00-0186 SQ Low VOC, TPA Bonding Adhesive (Tremco)	165.63	
07 51 13 00-0187 SQ Water Based, TPA Bonding Adhesive (Tremco)	187.42	
07 51 13 00-0188 SQ Water Based, Fleece Backed Single Ply Bonding Adhesive (Tremco)	162.47	
07 51 13 00-0189 SQ Low VOC, TPO Bonding Adhesive (Tremco)	107.54	
07 51 13 00-0190 Warranty (Tremco) (07 51 13 00-0077)		
07 51 13 00-0191 EA Up To 10,000 SF 15 Year Roofing System Warranty	1,500.00	
07 51 13 00-0192 SF >10,000 SF 15 Year Roofing System Warranty	0.15	
07 51 13 00-0193 EA Up To 10,000 SF 20 Year Roofing System Warranty	2,000.00	
07 51 13 00-0194 SF >10,000 SF 20 Year Roofing System Warranty	0.20	
07 51 13 00-0195 Built-Up Roofing Components (Garland) (07 51 13)		
Note: All tasks presented as a single layer. Adhesives are priced separately.		
07 51 13 00-0196 Modified Cap Membranes (07 51 13 00-0195)		
See CSI section 07 51 13 00-0220 for base membrane.		
07 51 13 00-0197 Modified Cap Membranes, Hot/Cold Applied (07 51 13 00-0196)		
Note: As manufactured by Garland. Pricing represents single ply per square. Includes 30 year leak-free warranty.		
07 51 13 00-0198 SQ Stressply® FR Mineral Dual Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Fiberglass Reinforced Membrane, Minimum 145 Mil	724.37	
07 51 13 00-0199 SQ Stressply® Plus Poly/Fiberglass Reinforced, Smooth Styrene-Butadiene-Styrene (SBS) Modified Membrane With Recycled Rubber, 105 Mil	518.04	
07 51 13 00-0200 SQ Stressply® Plus FR Mineral Poly/Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Fiberglass Reinforced Membrane With Recycled Rubber, Minimum 155 Mil	641.55	
07 51 13 00-0201 SQ Stressply® E Eco-Responsible, Smooth Styrene-Butadiene-Styrene (SBS)/Styrene-Isoprene-Styrene (SIS) Membrane With High Recycled Content And Renewable Materials	666.68	
07 51 13 00-0202 SQ Stressply® E FR Mineral Eco-Responsible, Styrene-Butadiene-Styrene (SBS)/Styrene-Isoprene-Styrene (SIS) Membrane With High Recycled Content And Renewable Materials, Minimum 160 Mil	928.47	
07 51 13 00-0203 SQ Stressply® EUV Fiberglass Reinforced, Minimum Poly/Fiberglass Reinforced White T-24 Styrene-Butadiene-Styrene (SBS)/Styrene-Isoprene-Styrene (SIS) Modified Membrane With Recycled Rubber, 160 Mil	1,043.83	
07 51 13 00-0204 SQ Versiply® III 80 Dual Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Membrane, 80 Mil	438.17	
Note: Low strength cap sheet for hot or cold modified systems used with gravel.		

07 Thermal And Moisture Protection**07 50 Membrane Roofing****07 51 Built-Up Bituminous Roofing**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 51 13 00-0205	SQ	Versiply® III Mineral Dual Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Membrane, Minimum 145 Mil.....	552.81	
07 51 13 00-0206	SQ	BiFlex® Cap Fiberglass Reinforced, Mineral Surfaced Styrene-Butadiene-Styrene (SBS) Modified Membrane, 140 Mil.....	337.82	
07 51 13 00-0207		Modified Cap Membranes, Self-Adhering (07 51 13 00-0196) Note: As manufactured by Garland. Pricing represents single ply per square. Includes 25 year leak-free warranty.		
07 51 13 00-0208	SQ	Stressply® SA FR Mineral Styrene-Butadiene-Styrene (SBS) Modified Self-Adhering Fiberglass Reinforced Membrane, Minimum 140 Mil..... Note: Self adhering system. One HPR SA FR base with one ply Stress Ply SA FR cap sheet.	655.59	
07 51 13 00-0209		Modified Cap Membranes, Torch-Applied (07 51 13 00-0196) Note: As manufactured by Garland. Pricing represents single ply per square. Includes 30 year leak-free warranty.		
07 51 13 00-0210	SQ	Stressply® IV Dual Fiberglass Reinforced, Smooth Styrene-Butadiene-Styrene (SBS) Modified Membrane, Torch Applied, 180 Mil..... Note: Smooth surfaced Styrene-Butadiene-Styrene (SBS) torch modified top ply of torch system with gravel.	807.20	
07 51 13 00-0211	SQ	Stressply® IV Mineral Dual Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Membrane, Torch Applied, Minimum 195 Mil.....	878.20	
07 51 13 00-0212	SQ	Stressply® IV UV Mineral Fiberglass Reinforced, Starburst Surface Styrene-Butadiene-Styrene (SBS) Modified Membrane, Torch Applied, Title 24 Compliant, 195 Mil.....	925.52	
07 51 13 00-0213	SQ	StressPly® IV Plus Poly/Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Membrane, Torch Applied, 180 Mil.....	845.65	
07 51 13 00-0214	SQ	StressPly® IV Plus Mineral Poly/Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Mineral Surfaced Membrane, Torch Applied, 195 Mil.....	895.94	
07 51 13 00-0215	SQ	StressPly® IV Plus UV Mineral Poly/Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Reflective Mineral Membrane, Torch Applied, 195 Mil.....	940.31	
07 51 13 00-0216		Modified Cap Membranes, Coal Tar Pitch Systems (07 51 13 00-0196) Note: As manufactured by Garland. Pricing represents single ply per square. Includes 30 year leak-free warranty.		
07 51 13 00-0217	SQ	Millennium® Poly/Fiberglass Reinforced, Smooth Styrene-Butadiene-Styrene (SBS) Modified Coal Tar Membrane, Minimum 120 Mil.....	744.32	
07 51 13 00-0218	SQ	Millennium® FR Mineral Poly/Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Coal Tar Fiberglass Reinforced Membrane, Minimum 160 Mil.....	1,176.94	
07 51 13 00-0219	SQ	Millennium® Mineral Poly/Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Coal Tar Membrane, Minimum 160 Mil.....	958.06	
07 51 13 00-0220		Base Ply (07 51 13 00-0196) Note: Used with modified cap membranes, underlayment for metal systems, and reinforcement for restoration systems. See CSI section 07 51 13 00-0196 for cap membrane.		
07 51 13 00-0221	SQ	Flexbase® E120 Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Base Sheet Used As Base Ply With Biflex Cap, 120 Mil.....	662.25	
07 51 13 00-0222	SQ	Flexbase® 80 Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Base Sheet Used As Base Ply With Biflex Cap, 80 Mil.....	415.99	
07 51 13 00-0223	SQ	HPR® Glasbase Heavy Duty Double Coated ASTM D 4601, Type II Fiberglass, Type II, 55 Mil..... Note: Glasbase used in cold system, nailed to deck, or inner ply 2 plies with cap.	95.05	
07 51 13 00-0224	SQ	HPR® Glasfelt Asphalt Saturated Fiberglass Felt, ASTM D 2178 Type IV, 20 Mil..... Note: Inner ply felts for hot applied built up and modified BUR systems.	62.81	
07 51 13 00-0225	SQ	HPR® Premium Glasbase High Strength, Double Coated Premium Base Sheet, Far Exceeds ASTM D 4601 Type II, 55 Mil.....	76.55	
07 51 13 00-0226	SQ	HPR® Premium Glasfelt Premium Asphalt Saturated Fiberglass Felt, ASTM D 2178 Type VI, 25 Mil.....	83.21	
07 51 13 00-0227	SQ	HPR® Tribase Premium Poly/Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Base Sheet, 60 Mil..... Note: Inner plies for cold applied modified, Styrene-Butadiene-Styrene (SBS) modified, or 2 plies under cap sheet.	129.80	
07 51 13 00-0228	SQ	Millennium® Base Poly/Fiberglass Reinforced Coal Tar Base Sheet For Cold Millennium Systems, 80 Mil.....	421.91	
07 51 13 00-0229	SQ	HPR® SA FR Base Sheet Styrene-Butadiene-Styrene (SBS) Modified Self-Adhering Underlayment Used In SP SA Fiberglass Reinforced Systems, Minimum 80 Mil..... Note: Self adhering base ply for self adhering 2 ply system.	363.50	
07 51 13 00-0230	SQ	SA Base IV Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Underlayment Used With StressPly Cap Sheets, 110 Mil.....	339.26	
07 51 13 00-0231	SQ	StressBase® 120 Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Underlayment Used With VersiPly And StressPly Cap Sheets, 120 Mil.....	369.40	
07 51 13 00-0232	SQ	StressBase® 80 Fiberglass Reinforced, Smooth Styrene-Butadiene-Styrene (SBS) Modified Underlayment Used With VersiPly And StressPly Cap Sheets, 80 Mil.....	306.55	
07 51 13 00-0233	LF	Garmesh® 6" Styrene-Butadiene-Styrene (SBS) Coated Woven Fiberglass Reinforcing Fabric.....	5.31	
07 51 13 00-0234	LF	Grip Polyester® Firm Polyester Reinforcement Used For Cold Application Over Smooth BUR Or Modified Roof Systems.....	14.90	
07 51 13 00-0235	SQ	Grip Polyester® Soft Polyester Reinforcement Used For Cold Applications Over Metal, Modified, Or Single Ply Roof Systems.....	73.23	
07 51 13 00-0236	LF	Grip Polyester® Soft 12" Polyester Reinforcement Used For Cold Applications Over Metal, Modified, Or Single Ply Roof Systems.....	6.93	
07 51 13 00-0237	LF	Grip Polyester® Soft 4" Polyester Reinforcement Used For Cold Applications Over Metal, Modified, Or Single Ply Roof Systems.....	5.01	
07 51 13 00-0238	LF	Grip Polyester® Soft 6" Polyester Reinforcement Used For Cold Applications Over Metal, Modified, Or Single Ply Roof Systems.....	5.88	
07 51 13 00-0239	SQ	HPR® Polyscrim Plus Polyester Reinforcement For Hot Bitumen Applications.....	160.43	
07 51 13 00-0240		Coatings And Mastics For Roof Installation, Restoration And Repairs (07 51 13 00-0196)		



Thermal And Moisture Protection		07
Membrane Roofing		07 50
Built-Up Bituminous Roofing		07 51

07

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST		UNIT COST
07 51 13 00-0241	SQ Water Based Roof Primer, GarlaPrime VOC Primer.....		45.91	
07 51 13 00-0242	SQ Black-Knight® Primer		42.43	
07 51 13 00-0243	SQ Black-Knight® Cold, Cold Process Polymer Modified Coal Tar, Interply		176.43	
07 51 13 00-0244	SQ Black-Knight® Cold, Cold Process Polymer Modified Coal Tar, Flood Coat (4-5 GAL/SQ)		186.44	
07 51 13 00-0245	SQ Black-Knight® Cold, Cold Process Polymer Modified Coal Tar, Restoration (6-8 GAL/SQ)		296.96	
07 51 13 00-0246	SQ Black-Knight® LV Hot Applied Polymer Modified Lower Viscosity Coal Tar Adhesive, Interply.....		479.43	
07 51 13 00-0247	SQ Black-Knight® LV Hot Applied Polymer Modified Lower Viscosity Coal Tar Adhesive, Flood Coat.....		492.76	
07 51 13 00-0248	SQ Energizer® K Plus FR Cold Applied Styrene-Butadiene-Styrene (SBS) Modified Asphalt Coating With Kevlar® For Smooth And Mineral Restoration, One Coat (3 GAL/SQ)		230.01	
07 51 13 00-0249	SQ Energizer® K Plus FR Cold Applied Styrene-Butadiene-Styrene (SBS) Modified Asphalt Coating With Kevlar® For Smooth And Mineral Restoration, Restoration		380.39	
07 51 13 00-0250	SQ Energizer® LO Low Odor Cold Applied Polyurethane Modified Asphalt Liquid Membrane For Smooth And Mineral Restoration, One Coat (3 GAL/SQ)		588.41	
07 51 13 00-0251	SQ Energizer® LO Low Odor Cold Applied Polyurethane Modified Asphalt Liquid Membrane For Smooth And Mineral Restoration, Restoration.....		977.91	
07 51 13 00-0252	SQ Garlastic® KM Plus Premium Hot Applied, Styrene-Ethylene-Butadiene-Styrene (SEBS) Modified Adhesive/Waterproof, Interply		409.12	
07 51 13 00-0253	SQ Garlastic® KM Plus Premium Hot Applied, Styrene-Ethylene-Butadiene-Styrene (SEBS) Modified Adhesive/Waterproof, Flood Coat		422.45	
07 51 13 00-0254	SQ Green-Lock® Flashing Adhesive 100% Solids Polyether, Zero VOC, Flashing Adhesive To Be Used With Styrene-Butadiene-Styrene (SBS) Sheets Only		898.68	
07 51 13 00-0255	SQ Green-Lock® Membrane Adhesive 100% Solids Polyether, Zero VOC, Membrane Adhesive To Be Used With Styrene-Butadiene-Styrene (SBS) Sheets Only		388.44	
07 51 13 00-0256	SQ HPR® All-Temp Asphalt Hot Applied, High Softening Point, High Penetration Mopping Asphalt, Interply		189.30	
07 51 13 00-0257	SQ HPR® All-Temp Asphalt Hot Applied, High Softening Point, High Penetration Mopping Asphalt, Flood Coat		202.63	
07 51 13 00-0258	SQ Insul-Lock® E HR Bio-Based High Rise Urethane Insulation Adhesive For New Construction Or Gravel		175.80	
07 51 13 00-0259	SQ Insul-Lock® HR High Rise Urethane Insulation Adhesive For New Construction Or Gravel Recovers		164.05	
07 51 13 00-0260	SQ Insul-Lock® HR Universal Primer All-Purpose Water Based Primer Designed For Use With The Insul-Lock Products		20.32	
	Note: Adheres all insulation layers for cold systems.			
07 51 13 00-0261	SQ Pyramic® Plus LO White, Water-Based Acrylic, Low VOC, Reflective Roof Coating, Energy Star, Top Coat Required		200.27	
07 51 13 00-0262	SQ Pyramic® Plus LO Base Coat, Water-Based, Acrylic, Low VOC, Base Coating For A Pyramic System		194.12	
07 51 13 00-0263	LF Silver-Flash® Aluminized Asphalt Fibered Trowel Grade Mastic Used With GarMesh		24.33	
07 51 13 00-0264	SQ Solex® White, Kynar® Acrylic Topcoat Roof Coating Used With Pyramic Base Coat.....		259.45	
07 51 13 00-0265	SQ Tuff-Flash™ Multi-Purpose Asphaltic Polyurethane Liquid Flashing Membrane Used With Reinforcing Fabric.....		1,481.04	
07 51 13 00-0266	SQ Weatherscreen™ Rubberized, Fiber-Reinforced Fire-Rated Restoration For Modified And Gravel, Flood Coat (4-5 GAL/SQ)		330.01	
07 51 13 00-0267	SQ Weatherscreen™ Rubberized, Fiber-Reinforced Fire-Rated Restoration For Modified And Gravel		403.06	
07 51 13 00-0268	SQ Weatherking® Cold Applied Rubber Modified Asphalt Interplay Adhesive For Slopes Up To 3:12, Interply		149.57	
07 51 13 00-0269	SQ Weatherking® Flashing Adhesive Brush Grade, Cold Applied Asphalt Adhesive For Flashings In A Weatherking System		488.41	
07 51 13 00-0270	SQ Weatherking® Plus WC Cold Applied Rubber Modified, VOC Compliant Asphalt Interply Adhesive For Slopes Up To 2:12, Interply.....		148.44	
	Note: Inner ply and flood coat SEBS modified adhesive for all cold systems with gravel.			

07 52 Modified Bituminous Membrane Roofing (07 50)**07 52 13 Atactic-Polypropylene Modified Bituminous Membrane Roofing** (07 52)

Note: Includes all standard manufacturers' colors including white for granule and smooth surfaced cap sheets and flashing.
See CSI section 07 51 13 00-0001 for additional components such as concrete primers, cant strips, surfacing, walkway
boards, demolition and warranties.

07 52 13 11 Cold Adhesive Applied Atactic-Polypropylene-Modified Bituminous Membrane Roofing (07 52 13)**07 52 13 11-0001 Cold Adhesive Applied Atactic-Polypropylene (APP) Modified Bituminous Membrane Roofing** (07 52 13 11)

Note: Includes fiberglass and/or polyester reinforcement. Includes applying cold adhesive and embedding the
membrane. Includes heat welding side and end laps when required.

07 52 13 11-0002 Cold Adhesive Applied, Atactic-Polypropylene (APP) Modified Bitumen Roofing Base, Ply And Cap Sheets (07 52 13 11-0001)

07 52 13 11-0003	SQ 80 Mil, Atactic-Polypropylene (APP) Modified Bitumen Base Sheet, Cold Adhesive Applied	210.80
	For Up To 10, Add	49.37
	For >10 To 20, Add	26.49
	For >20 To 40, Add	14.15
	For >75 To 100, Deduct	-7.07
	For >100 To 200, Deduct	-15.05
	For >200, Deduct	-22.12
07 52 13 11-0004	SQ 90 Mil, Atactic-Polypropylene (APP) Modified Bitumen Base Or Ply Sheet, Cold Adhesive Applied	257.03
	For Up To 10, Add	58.62
	For >10 To 20, Add	31.11
	For >20 To 40, Add	16.46
	For >75 To 100, Deduct	-8.23
	For >100 To 200, Deduct	-17.36
	For >200, Deduct	-25.59

07 Thermal And Moisture Protection**07 50 Membrane Roofing****07 52 Modified Bituminous Membrane Roofing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 52 13 11-0005	SQ		160 Mil, Atactic-Polypropylene (APP) Modified Bitumen Ply Sheet, Cold Adhesive Applied	404.64	
			For Up To 10, Add	88.14	
			For >10 To 20, Add	45.87	
			For >20 To 40, Add	23.84	
			For >75 To 100, Deduct	-11.92	
			For >100 To 200, Deduct	-24.74	
			For >200, Deduct	-36.66	
07 52 13 11-0006	SQ		160 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Cold Adhesive Applied	408.07	
			For Up To 10, Add	89.57	
			For >10 To 20, Add	46.73	
			For >20 To 40, Add	24.35	
			For >75 To 100, Deduct	-12.18	
			For >100 To 200, Deduct	-25.34	
			For >200, Deduct	-37.52	
07 52 13 11-0007	SQ		160 Mil, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Cold Adhesive Applied	291.49	
			For Up To 10, Add	66.20	
			For >10 To 20, Add	35.07	
			For >20 To 40, Add	18.52	
			For >75 To 100, Deduct	-9.26	
			For >100 To 200, Deduct	-19.51	
			For >200, Deduct	-28.77	
			For Factory Applied White Reflective Surfacing, Add	105.13	
07 52 13 11-0008	SQ		160 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Cold Adhesive Applied	338.25	
			For Up To 10, Add	75.55	
			For >10 To 20, Add	39.75	
			For >20 To 40, Add	20.86	
			For >75 To 100, Deduct	-10.43	
			For >100 To 200, Deduct	-21.85	
			For >200, Deduct	-32.28	
			For Factory Applied White Reflective Surfacing, Add	105.13	
07 52 13 11-0009	SQ		180 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Cold Adhesive Applied	465.65	
			For Up To 10, Add	101.03	
			For >10 To 20, Add	52.49	
			For >20 To 40, Add	27.23	
			For >75 To 100, Deduct	-13.62	
			For >100 To 200, Deduct	-28.22	
			For >200, Deduct	-41.83	
			For Factory Applied White Reflective Surfacing, Add	105.13	
07 52 13 11-0010			Cold Adhesive Applied, Atactic-Polypropylene (APP) Modified Bitumen Roofing Flashing (07 52 13 11-0001)		
07 52 13 11-0011	SF		160 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Cold Adhesive Applied	5.88	
07 52 13 11-0012	SF		180 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Cold Adhesive Applied	8.99	
			For Factory Applied White Reflective Surfacing, Add	1.05	
07 52 13 13			Torch-Applied Atactic-Polypropylene Modified Bituminous Membrane Roofing (07 52 13)		
07 52 13 13-0001			Torch-Applied Atactic-Polypropylene (APP) Modified Bituminous Membrane Roofing (07 52 13 13)		
			Note: Includes fiberglass and/or polyester reinforcement. Includes adhering the membrane with a torch.		
07 52 13 13-0002			Torch-Applied, Atactic-Polypropylene (APP) Modified Bitumen Roofing Base, Ply And Cap Sheets (07 52 13 13-0001)		
07 52 13 13-0003	SQ		80 Mil, Atactic-Polypropylene (APP) Modified Bitumen Base Sheet, Torch-Applied	151.57	
			For Up To 10, Add	37.52	
			For >10 To 20, Add	20.56	
			For >20 To 40, Add	11.18	
			For >75 To 100, Deduct	-5.59	
			For >100 To 200, Deduct	-12.08	
			For >200, Deduct	-17.67	
07 52 13 13-0004	SQ		90 Mil, Atactic-Polypropylene (APP) Modified Bitumen Base Or Ply Sheet, Torch-Applied	197.80	
			For Up To 10, Add	46.76	
			For >10 To 20, Add	25.18	
			For >20 To 40, Add	13.49	
			For >75 To 100, Deduct	-6.75	
			For >100 To 200, Deduct	-14.39	
			For >200, Deduct	-21.14	
07 52 13 13-0005	SQ		150 Mil, Atactic-Polypropylene (APP) Modified Bitumen Ply Sheet, Torch-Applied	237.59	
			For Up To 10, Add	58.34	
			For >10 To 20, Add	31.87	
			For >20 To 40, Add	17.29	
			For >75 To 100, Deduct	-8.64	
			For >100 To 200, Deduct	-18.64	
			For >200, Deduct	-27.29	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 52 13 13-0006	SQ		160 Mil, Atactic-Polypropylene (APP) Modified Bitumen Ply Sheet, Torch-Applied	249.42	
			For Up To 10, Add	60.70	
			For >10 To 20, Add	33.06	
			For >20 To 40, Add	17.88	
			For >75 To 100, Deduct	-8.94	
			For >100 To 200, Deduct	-19.23	
			For >200, Deduct	-28.17	
07 52 13 13-0007	SQ		180 Mil, Atactic-Polypropylene (APP) Modified Bitumen Ply Sheet, Torch-Applied	345.46	
			For Up To 10, Add	79.91	
			For >10 To 20, Add	42.66	
			For >20 To 40, Add	22.68	
			For >75 To 100, Deduct	-11.34	
			For >100 To 200, Deduct	-24.04	
			For >200, Deduct	-35.38	
07 52 13 13-0008	SQ		150 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied	237.59	
			For Up To 10, Add	58.34	
			For >10 To 20, Add	31.87	
			For >20 To 40, Add	17.29	
			For >75 To 100, Deduct	-8.64	
			For >100 To 200, Deduct	-18.64	
			For >200, Deduct	-27.29	
07 52 13 13-0009	SQ		160 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied	252.38	
			For Up To 10, Add	61.30	
			For >10 To 20, Add	33.35	
			For >20 To 40, Add	18.03	
			For >75 To 100, Deduct	-9.01	
			For >100 To 200, Deduct	-19.38	
			For >200, Deduct	-28.40	
07 52 13 13-0010	SQ		180 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied	345.46	
			For Up To 10, Add	79.91	
			For >10 To 20, Add	42.66	
			For >20 To 40, Add	22.68	
			For >75 To 100, Deduct	-11.34	
			For >100 To 200, Deduct	-24.04	
			For >200, Deduct	-35.38	
07 52 13 13-0011	SQ		160 Mil, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied	246.91	
			For Up To 10, Add	60.20	
			For >10 To 20, Add	32.81	
			For >20 To 40, Add	17.76	
			For >75 To 100, Deduct	-8.88	
			For >100 To 200, Deduct	-19.11	
			For >200, Deduct	-27.99	
			For Factory Applied White Reflective Surfacing, Add	105.13	
07 52 13 13-0012	SQ		170 Mil, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied	261.26	
			For Up To 10, Add	63.07	
			For >10 To 20, Add	34.24	
			For >20 To 40, Add	18.47	
			For >75 To 100, Deduct	-9.24	
			For >100 To 200, Deduct	-19.83	
			For >200, Deduct	-29.06	
			For Factory Applied White Reflective Surfacing, Add	105.13	
07 52 13 13-0013	SQ		160 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied	296.48	
			For Up To 10, Add	70.12	
			For >10 To 20, Add	37.76	
			For >20 To 40, Add	20.23	
			For >75 To 100, Deduct	-10.12	
			For >100 To 200, Deduct	-21.59	
			For >200, Deduct	-31.70	
			For Factory Applied White Reflective Surfacing, Add	105.13	
07 52 13 13-0014	SQ		170 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied	300.77	
			For Up To 10, Add	70.97	
			For >10 To 20, Add	38.19	
			For >20 To 40, Add	20.45	
			For >75 To 100, Deduct	-10.22	
			For >100 To 200, Deduct	-21.80	
			For >200, Deduct	-32.03	
			For Factory Applied White Reflective Surfacing, Add	105.13	
07 52 13 13-0015	SQ		180 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied	421.07	
			For Up To 10, Add	95.03	
			For >10 To 20, Add	50.22	
			For >20 To 40, Add	26.46	
			For >75 To 100, Deduct	-13.23	
			For >100 To 200, Deduct	-27.82	
			For >200, Deduct	-41.05	
			For Factory Applied White Reflective Surfacing, Add	105.13	
07 52 13 13-0016			Torch-Applied, Atactic-Polypropylene (APP) Modified Bitumen Roofing Flashing (07 52 13 13-0001)		
07 52 13 13-0017	SF		150 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Torch-Applied	3.45	
07 52 13 13-0018	SF		160 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Torch-Applied	3.60	
07 52 13 13-0019	SF		180 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Torch-Applied	4.53	
07 52 13 13-0020	SF		170 Mil, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Torch-Applied	3.69	
			For Factory Applied White Reflective Surfacing, Add	1.05	
07 52 13 13-0021	SF		170 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Torch-Applied	4.09	
			For Factory Applied White Reflective Surfacing, Add	1.05	

07 Thermal And Moisture Protection**07 50 Membrane Roofing****07 52 Modified Bituminous Membrane Roofing**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

07 52 13 13-0022 SF 180 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Torch-Applied 5.29
For Factory Applied White Reflective Surfacing, Add 1.05

07 52 13 14 Mechanically Fastened Atactic-Polypropylene-Modified Bituminous Membrane Roofing (07 52 13)

07 52 13 14-0001 Mechanically Fastened Atactic-Polypropylene (APP) Modified Bituminous Membrane Roofing (07 52 13 14)

Note: Includes fiberglass and/or polyester reinforcement. Includes fasteners.

07 52 13 14-0002 Mechanically Fastened, Atactic-Polypropylene (APP) Modified Bitumen Roofing Base And Ply Sheets (07 52 13 14-0001)

07 52 13 14-0003 SQ 90 Mil, Atactic-Polypropylene (APP) Modified Bitumen Base Or Ply Sheet, Mechanically Fastened 225.87
For Up To 10, Add 48.78
For >10 To 20, Add 25.29
For >20 To 40, Add 13.09
For >75 To 100, Deduct -6.55
For >100 To 200, Deduct -13.54
For >200, Deduct -20.09

07 52 16 Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing (07 52)

Note: Includes all standard manufacturers' colors including white for granule and smooth surfaced cap sheets and flashing. See CSI section 07 51 13 00-0001 for additional components such as concrete primers, cant strips, surfacing, walkway boards, demolition and warranties.

07 52 16 11 Cold Adhesive Applied Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing (07 52 16)

07 52 16 11-0001 Cold Adhesive Applied Styrene-Butadiene-Styrene (SBS) Modified Bituminous Membrane Roofing (07 52 16 11)

Note: Includes fiberglass and/or polyester reinforcement. Includes applying cold adhesive and embedding the membrane. Includes heat welding side and end laps when required.

07 52 16 11-0002 Cold Adhesive Applied, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Base, Ply And Cap Sheets (07 52 16 11-0001)

07 52 16 11-0003 SQ 50 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Cold Adhesive Applied 165.54
For Up To 10, Add 40.32
For >10 To 20, Add 21.96
For >20 To 40, Add 11.88
For >75 To 100, Deduct -5.94
For >100 To 200, Deduct -12.78
For >200, Deduct -18.73

07 52 16 11-0004 SQ 80 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Cold Adhesive Applied 216.87
For Up To 10, Add 50.59
For >10 To 20, Add 27.10
For >20 To 40, Add 14.45
For >75 To 100, Deduct -7.22
For >100 To 200, Deduct -15.35
For >200, Deduct -22.58

07 52 16 11-0005 SQ 90 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Cold Adhesive Applied 223.49
For Up To 10, Add 51.91
For >10 To 20, Add 27.76
For >20 To 40, Add 14.78
For >75 To 100, Deduct -7.39
For >100 To 200, Deduct -15.68
For >200, Deduct -23.07

07 52 16 11-0006 SQ 120 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Or Ply Sheet, Cold Adhesive Applied 305.37
For Up To 10, Add 68.29
For >10 To 20, Add 35.95
For >20 To 40, Add 18.87
For >75 To 100, Deduct -9.44
For >100 To 200, Deduct -19.78
For >200, Deduct -29.21

07 52 16 11-0007 SQ 125 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Ply Sheet, Cold Adhesive Applied 388.23
For Up To 10, Add 84.86
For >10 To 20, Add 44.23
For >20 To 40, Add 23.02
For >75 To 100, Deduct -11.51
For >100 To 200, Deduct -23.92
For >200, Deduct -35.43

07 52 16 11-0008 SQ 140 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied 322.97
For Up To 10, Add 72.49
For >10 To 20, Add 38.22
For >20 To 40, Add 20.10
For >75 To 100, Deduct -10.05
For >100 To 200, Deduct -21.08
For >200, Deduct -31.13



Thermal And Moisture Protection			07
Membrane Roofing			07 50
Modified Bituminous Membrane Roofing			07 52

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 52 16 11-0009	SQ		150 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive		
			Applied	331.88	
			For Up To 10, Add	74.27	
			For >10 To 20, Add	39.11	
			For >20 To 40, Add	20.54	
			For >75 To 100, Deduct	-10.27	
			For >100 To 200, Deduct	-21.53	
			For >200, Deduct	-31.80	
07 52 16 11-0010	SQ		125 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive		
			Applied	290.15	
			For Up To 10, Add	65.93	
			For >10 To 20, Add	34.94	
			For >20 To 40, Add	18.46	
			For >75 To 100, Deduct	-9.23	
			For >100 To 200, Deduct	-19.44	
			For >200, Deduct	-28.67	
			For Factory Applied White Reflective Surfacing, Add	105.13	
07 52 16 11-0011	SQ		140 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive		
			Applied	294.00	
			For Up To 10, Add	66.70	
			For >10 To 20, Add	35.32	
			For >20 To 40, Add	18.65	
			For >75 To 100, Deduct	-9.32	
			For >100 To 200, Deduct	-19.64	
			For >200, Deduct	-28.96	
			For Factory Applied White Reflective Surfacing, Add	105.13	
07 52 16 11-0012	SQ		150 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive		
			Applied	329.52	
			For Up To 10, Add	73.80	
			For >10 To 20, Add	38.88	
			For >20 To 40, Add	20.43	
			For >75 To 100, Deduct	-10.21	
			For >100 To 200, Deduct	-21.41	
			For >200, Deduct	-31.62	
			For Factory Applied White Reflective Surfacing, Add	105.13	
07 52 16 11-0013	SQ		160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive		
			Applied	335.43	
			For Up To 10, Add	74.98	
			For >10 To 20, Add	39.47	
			For >20 To 40, Add	20.72	
			For >75 To 100, Deduct	-10.36	
			For >100 To 200, Deduct	-21.71	
			For >200, Deduct	-32.07	
			For Factory Applied White Reflective Surfacing, Add	105.13	
07 52 16 11-0014	SQ		170 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive		
			Applied	387.22	
			For Up To 10, Add	85.34	
			For >10 To 20, Add	44.65	
			For >20 To 40, Add	23.31	
			For >75 To 100, Deduct	-11.66	
			For >100 To 200, Deduct	-24.30	
			For >200, Deduct	-35.95	
			For Factory Applied White Reflective Surfacing, Add	105.13	
07 52 16 11-0015	SQ		180 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive		
			Applied	481.57	
			For Up To 10, Add	104.21	
			For >10 To 20, Add	54.08	
			For >20 To 40, Add	28.03	
			For >75 To 100, Deduct	-14.01	
			For >100 To 200, Deduct	-29.01	
			For >200, Deduct	-43.03	
			For Factory Applied White Reflective Surfacing, Add	105.13	
07 52 16 11-0016	SQ		125 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied.....	296.58	
			For Up To 10, Add	67.21	
			For >10 To 20, Add	35.58	
			For >20 To 40, Add	18.78	
			For >75 To 100, Deduct	-9.39	
			For >100 To 200, Deduct	-19.77	
			For >200, Deduct	-29.15	
			For Factory Applied White Reflective Surfacing, Add	105.13	
07 52 16 11-0017	SQ		140 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied.....	305.84	
			For Up To 10, Add	69.07	
			For >10 To 20, Add	36.51	
			For >20 To 40, Add	19.24	
			For >75 To 100, Deduct	-9.62	
			For >100 To 200, Deduct	-20.23	
			For >200, Deduct	-29.85	
			For Factory Applied White Reflective Surfacing, Add	105.13	

07 Thermal And Moisture Protection**07 50 Membrane Roofing****07 52 Modified Bituminous Membrane Roofing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 52 16 11-0018	SQ		150 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied.....	356.15	
			For Up To 10, Add.....	79.13	
			For >10 To 20, Add.....	41.54	
			For >20 To 40, Add.....	21.76	
			For >75 To 100, Deduct.....	-10.88	
			For >100 To 200, Deduct.....	-22.74	
			For >200, Deduct.....	-33.62	
			For Factory Applied White Reflective Surfacing, Add.....	105.13	
07 52 16 11-0019	SQ		160 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied.....	357.33	
			For Up To 10, Add.....	79.36	
			For >10 To 20, Add.....	41.66	
			For >20 To 40, Add.....	21.82	
			For >75 To 100, Deduct.....	-10.91	
			For >100 To 200, Deduct.....	-22.80	
			For >200, Deduct.....	-33.71	
			For Factory Applied White Reflective Surfacing, Add.....	105.13	
07 52 16 11-0020	SQ		170 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied.....	379.83	
			For Up To 10, Add.....	83.86	
			For >10 To 20, Add.....	43.91	
			For >20 To 40, Add.....	22.94	
			For >75 To 100, Deduct.....	-11.47	
			For >100 To 200, Deduct.....	-23.93	
			For >200, Deduct.....	-35.40	
			For Factory Applied White Reflective Surfacing, Add.....	105.13	
07 52 16 11-0021			Cold Adhesive Applied, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Flashing (07 52 16 11-0001)		
07 52 16 11-0022	SF		150 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied.....	5.12	
07 52 16 11-0023	SF		125 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied.....	4.70	
			For Factory Applied White Reflective Surfacing, Add.....	1.05	
07 52 16 11-0024	SF		140 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied.....	4.74	
			For Factory Applied White Reflective Surfacing, Add.....	1.05	
07 52 16 11-0025	SF		160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied.....	5.16	
			For Factory Applied White Reflective Surfacing, Add.....	1.05	
07 52 16 11-0026	SF		170 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied.....	5.67	
			For Factory Applied White Reflective Surfacing, Add.....	1.05	
07 52 16 11-0027	SF		180 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied.....	6.62	
			For Factory Applied White Reflective Surfacing, Add.....	1.05	
07 52 16 11-0028	SF		125 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied.....	4.77	
			For Factory Applied White Reflective Surfacing, Add.....	1.05	
07 52 16 11-0029	SF		140 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied.....	4.86	
			For Factory Applied White Reflective Surfacing, Add.....	1.05	
07 52 16 11-0030	SF		160 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied.....	5.38	
			For Factory Applied White Reflective Surfacing, Add.....	1.05	
07 52 16 11-0031	SF		170 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied.....	5.60	
			For Factory Applied White Reflective Surfacing, Add.....	1.05	
07 52 16 11-0032	SF		145 Mil, Aluminum Foil Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied.....	7.44	
07 52 16 11-0033	SF		160 Mil, Copper Foil Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied.....	14.09	
07 52 16 12			Hot-Mopped Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing (07 52 16 12)		
07 52 16 12-0001			Hot-Mopped Styrene-Butadiene-Styrene (SBS) Modified Bituminous Membrane Roofing (07 52 16 12) Note: Includes fiberglass and/or polyester reinforcement. Includes mopping hot asphalt and embedding the membrane.		
07 52 16 12-0002			Hot-Mopped, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Base, Ply And Cap Sheets (07 52 16 12-0001)		
07 52 16 12-0003	SQ		50 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Hot-Mopped.....	135.33	
			For Up To 10, Add.....	34.40	
			For >10 To 20, Add.....	19.04	
			For >20 To 40, Add.....	10.44	
			For >75 To 100, Deduct.....	-5.22	
			For >100 To 200, Deduct.....	-11.35	
			For >200, Deduct.....	-16.57	
07 52 16 12-0004	SQ		80 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Hot-Mopped.....	186.67	
			For Up To 10, Add.....	44.67	
			For >10 To 20, Add.....	24.17	
			For >20 To 40, Add.....	13.00	
			For >75 To 100, Deduct.....	-6.50	
			For >100 To 200, Deduct.....	-13.92	
			For >200, Deduct.....	-20.42	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 52 16 12-0005	SQ	90 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Hot-Mopped	193.29		
		For Up To 10, Add	46.00		
		For >10 To 20, Add	24.63		
		For >20 To 40, Add	13.33		
		For >75 To 100, Deduct	-6.67		
		For >100 To 200, Deduct	-14.25		
		For >200, Deduct	-20.92		
07 52 16 12-0006	SQ	120 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Or Ply Sheet, Hot-Mopped	275.17		
		For Up To 10, Add	62.37		
		For >10 To 20, Add	33.02		
		For >20 To 40, Add	17.43		
		For >75 To 100, Deduct	-8.71		
		For >100 To 200, Deduct	-18.34		
		For >200, Deduct	-27.06		
07 52 16 12-0007	SQ	125 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Ply Sheet, Hot-Mopped	358.03		
		For Up To 10, Add	78.94		
		For >10 To 20, Add	41.31		
		For >20 To 40, Add	21.57		
		For >75 To 100, Deduct	-10.79		
		For >100 To 200, Deduct	-22.49		
		For >200, Deduct	-33.27		
07 52 16 12-0008	SQ	140 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	292.82		
		For Up To 10, Add	66.60		
		For >10 To 20, Add	35.31		
		For >20 To 40, Add	18.66		
		For >75 To 100, Deduct	-9.33		
		For >100 To 200, Deduct	-19.66		
		For >200, Deduct	-28.99		
07 52 16 12-0009	SQ	150 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	301.73		
		For Up To 10, Add	68.38		
		For >10 To 20, Add	36.20		
		For >20 To 40, Add	19.10		
		For >75 To 100, Deduct	-9.55		
		For >100 To 200, Deduct	-20.11		
		For >200, Deduct	-29.66		
07 52 16 12-0010	SQ	125 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	260.00		
		For Up To 10, Add	60.03		
		For >10 To 20, Add	32.03		
		For >20 To 40, Add	17.02		
		For >75 To 100, Deduct	-8.51		
		For >100 To 200, Deduct	-18.02		
		For >200, Deduct	-26.53		
		For Factory Applied White Reflective Surfacing, Add	105.13		
07 52 16 12-0011	SQ	140 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	263.85		
		For Up To 10, Add	60.80		
		For >10 To 20, Add	32.41		
		For >20 To 40, Add	17.21		
		For >75 To 100, Deduct	-8.60		
		For >100 To 200, Deduct	-18.21		
		For >200, Deduct	-26.82		
		For Factory Applied White Reflective Surfacing, Add	105.13		
07 52 16 12-0012	SQ	150 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	299.36		
		For Up To 10, Add	67.91		
		For >10 To 20, Add	35.96		
		For >20 To 40, Add	18.99		
		For >75 To 100, Deduct	-9.49		
		For >100 To 200, Deduct	-19.99		
		For >200, Deduct	-29.48		
		For Factory Applied White Reflective Surfacing, Add	105.13		
07 52 16 12-0013	SQ	160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	305.28		
		For Up To 10, Add	69.09		
		For >10 To 20, Add	36.55		
		For >20 To 40, Add	19.28		
		For >75 To 100, Deduct	-9.64		
		For >100 To 200, Deduct	-20.29		
		For >200, Deduct	-29.93		
		For Factory Applied White Reflective Surfacing, Add	105.13		
07 52 16 12-0014	SQ	170 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	357.07		
		For Up To 10, Add	79.45		
		For >10 To 20, Add	41.73		
		For >20 To 40, Add	21.87		
		For >75 To 100, Deduct	-10.94		
		For >100 To 200, Deduct	-22.87		
		For >200, Deduct	-33.81		
		For Factory Applied White Reflective Surfacing, Add	105.13		
07 52 16 12-0015	SQ	180 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	451.42		
		For Up To 10, Add	98.32		
		For >10 To 20, Add	51.17		
		For >20 To 40, Add	26.59		
		For >75 To 100, Deduct	-13.29		
		For >100 To 200, Deduct	-27.59		
		For >200, Deduct	-40.89		
		For Factory Applied White Reflective Surfacing, Add	105.13		

07 Thermal And Moisture Protection**07 50 Membrane Roofing****07 52 Modified Bituminous Membrane Roofing**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

07 52 16 12-0016	SQ	125 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped.....	266.42	
		For Up To 10, Add	61.32	
		For >10 To 20, Add	32.67	
		For >20 To 40, Add	17.34	
		For >75 To 100, Deduct	-8.67	
		For >100 To 200, Deduct	-18.34	
		For >200, Deduct	-27.01	
		For Factory Applied White Reflective Surfacing, Add	105.13	
07 52 16 12-0017	SQ	140 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped.....	275.69	
		For Up To 10, Add	63.17	
		For >10 To 20, Add	33.59	
		For >20 To 40, Add	17.80	
		For >75 To 100, Deduct	-8.90	
		For >100 To 200, Deduct	-18.81	
		For >200, Deduct	-27.71	
		For Factory Applied White Reflective Surfacing, Add	105.13	
07 52 16 12-0018	SQ	150 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped.....	326.00	
		For Up To 10, Add	73.23	
		For >10 To 20, Add	38.63	
		For >20 To 40, Add	20.32	
		For >75 To 100, Deduct	-10.16	
		For >100 To 200, Deduct	-21.32	
		For >200, Deduct	-31.48	
		For Factory Applied White Reflective Surfacing, Add	105.13	
07 52 16 12-0019	SQ	160 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped.....	327.18	
		For Up To 10, Add	73.47	
		For >10 To 20, Add	38.74	
		For >20 To 40, Add	20.38	
		For >75 To 100, Deduct	-10.19	
		For >100 To 200, Deduct	-21.38	
		For >200, Deduct	-31.57	
		For Factory Applied White Reflective Surfacing, Add	105.13	
07 52 16 12-0020	SQ	170 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped.....	349.67	
		For Up To 10, Add	77.97	
		For >10 To 20, Add	40.99	
		For >20 To 40, Add	21.50	
		For >75 To 100, Deduct	-10.75	
		For >100 To 200, Deduct	-22.50	
		For >200, Deduct	-33.26	
		For Factory Applied White Reflective Surfacing, Add	105.13	

07 52 16 12-0021 Hot-Mopped, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Flashing
(07 52 16 12-0001)

07 52 16 12-0022	SF	150 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	4.90	
07 52 16 12-0023	SF	125 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	4.48	
		For Factory Applied White Reflective Surfacing, Add	1.05	
07 52 16 12-0024	SF	140 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	4.52	
		For Factory Applied White Reflective Surfacing, Add	1.05	
07 52 16 12-0025	SF	150 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	4.88	
		For Factory Applied White Reflective Surfacing, Add	1.05	
07 52 16 12-0026	SF	160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	4.94	
		For Factory Applied White Reflective Surfacing, Add	1.05	
07 52 16 12-0027	SF	170 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	5.46	
		For Factory Applied White Reflective Surfacing, Add	1.05	
07 52 16 12-0028	SF	180 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	6.40	
		For Factory Applied White Reflective Surfacing, Add	1.05	
07 52 16 12-0029	SF	125 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	4.55	
		For Factory Applied White Reflective Surfacing, Add	1.05	
07 52 16 12-0030	SF	140 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	4.64	
		For Factory Applied White Reflective Surfacing, Add	1.05	
07 52 16 12-0031	SF	160 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	5.06	
		For Factory Applied White Reflective Surfacing, Add	1.05	
07 52 16 12-0032	SF	170 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	5.38	
		For Factory Applied White Reflective Surfacing, Add	1.05	
07 52 16 12-0033	SF	145 Mil, Aluminum Foil Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	7.22	
07 52 16 12-0034	SF	160 Mil, Copper Foil Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	13.87	

07 52 16 13 Torch-Applied Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing
(07 52 16)

07 52 16 13-0001 Torch-Applied Styrene-Butadiene-Styrene (SBS) Modified Bituminous Membrane Roofing
(07 52 16 13)

Note: Includes fiberglass and/or polyester reinforcement. Includes adhering the membrane with a torch.



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 52 16 13-0002			Torch-Applied, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Base, Ply And Cap Sheets (07 52 16 13-0001)		
07 52 16 13-0003	SQ		120 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Or Ply Sheet, Torch-Applied	279.02	
			For Up To 10, Add	66.62	
			For >10 To 20, Add	36.02	
			For >20 To 40, Add	19.36	
			For >75 To 100, Deduct	-9.88	
			For >100 To 200, Deduct	-20.71	
			For >200, Deduct	-30.39	
07 52 16 13-0004	SQ		150 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Torch-Applied	250.31	
			For Up To 10, Add	60.88	
			For >10 To 20, Add	33.15	
			For >20 To 40, Add	17.93	
			For >75 To 100, Deduct	-8.96	
			For >100 To 200, Deduct	-19.28	
			For >200, Deduct	-28.24	
			For Factory Applied White Reflective Surfacing, Add	105.13	
07 52 16 13-0005	SQ		160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Torch-Applied	284.05	
			For Up To 10, Add	67.63	
			For >10 To 20, Add	36.52	
			For >20 To 40, Add	19.61	
			For >75 To 100, Deduct	-9.81	
			For >100 To 200, Deduct	-20.97	
			For >200, Deduct	-30.77	
			For Factory Applied White Reflective Surfacing, Add	105.13	
07 52 16 13-0006	SQ		180 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Torch-Applied	436.99	
			For Up To 10, Add	98.22	
			For >10 To 20, Add	51.81	
			For >20 To 40, Add	27.26	
			For >75 To 100, Deduct	-13.63	
			For >100 To 200, Deduct	-28.61	
			For >200, Deduct	-42.24	
			For Factory Applied White Reflective Surfacing, Add	105.13	
07 52 16 13-0007	SQ		150 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Torch-Applied	259.96	
			For Up To 10, Add	62.81	
			For >10 To 20, Add	34.11	
			For >20 To 40, Add	18.41	
			For >75 To 100, Deduct	-9.20	
			For >100 To 200, Deduct	-19.76	
			For >200, Deduct	-28.96	
			For Factory Applied White Reflective Surfacing, Add	105.13	
07 52 16 13-0008	SQ		160 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Torch-Applied	299.73	
			For Up To 10, Add	70.77	
			For >10 To 20, Add	38.09	
			For >20 To 40, Add	20.40	
			For >75 To 100, Deduct	-10.20	
			For >100 To 200, Deduct	-21.75	
			For >200, Deduct	-31.95	
			For Factory Applied White Reflective Surfacing, Add	105.13	
07 52 16 13-0009	SQ		165 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Torch-Applied	312.50	
			For Up To 10, Add	73.51	
			For >10 To 20, Add	39.50	
			For >20 To 40, Add	21.13	
			For >75 To 100, Deduct	-10.56	
			For >100 To 200, Deduct	-22.50	
			For >200, Deduct	-33.07	
			For Factory Applied White Reflective Surfacing, Add	105.13	
07 52 16 13-0010	SQ		180 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Torch-Applied	405.34	
			For Up To 10, Add	92.07	
			For >10 To 20, Add	48.79	
			For >20 To 40, Add	25.77	
			For >75 To 100, Deduct	-12.89	
			For >100 To 200, Deduct	-27.15	
			For >200, Deduct	-40.03	
			For Factory Applied White Reflective Surfacing, Add	105.13	
07 52 16 13-0011			Torch-Applied, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Flashing (07 52 16 13-0001)		
07 52 16 13-0012	SF		150 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied	3.95	
07 52 16 13-0013	SF		150 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied	3.93	
			For Factory Applied White Reflective Surfacing, Add	1.05	
07 52 16 13-0014	SF		180 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied	5.45	
			For Factory Applied White Reflective Surfacing, Add	1.05	
07 52 16 13-0015	SF		160 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied	4.11	
			For Factory Applied White Reflective Surfacing, Add	1.05	
07 52 16 13-0016	SF		165 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied	4.19	
			For Factory Applied White Reflective Surfacing, Add	1.05	

07 Thermal And Moisture Protection**07 50 Membrane Roofing****07 52 Modified Bituminous Membrane Roofing**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

07 52 16 13-0017	SF	180 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied.....	5.13
		<i>For Factory Applied White Reflective Surfacing, Add</i>	1.05
07 52 16 13-0018	SF	150 Mil, Aluminum Foil Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied	5.33
07 52 16 13-0019	SF	160 Mil, Copper Foil Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied.....	12.92

07 52 16 14 Mechanically Fastened Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing (07 52 16)

07 52 16 14-0001		Mechanically Fastened Styrene-Butadiene-Styrene (SBS) Modified Bituminous Membrane Roofing (07 52 16 14) Note: Includes fiberglass and/or polyester reinforcement. Includes fasteners.	
07 52 16 14-0002		Mechanically Fastened, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Base And Ply Sheets (07 52 16 14-0001)	
07 52 16 14-0003	SQ	35 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Ply Sheet, Mechanically Fastened	174.87
		<i>For Up To 10, Add</i>	38.58
		<i>For >10 To 20, Add</i>	20.19
		<i>For >20 To 40, Add</i>	10.54
		<i>For >75 To 100, Deduct</i>	-5.27
		<i>For >100 To 200, Deduct</i>	-10.99
		<i>For >200, Deduct</i>	-16.27
07 52 16 14-0004	SQ	50 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Mechanically Fastened	134.38
		<i>For Up To 10, Add</i>	30.48
		<i>For >10 To 20, Add</i>	16.14
		<i>For >20 To 40, Add</i>	8.52
		<i>For >75 To 100, Deduct</i>	-4.26
		<i>For >100 To 200, Deduct</i>	-8.97
		<i>For >200, Deduct</i>	-13.23
07 52 16 14-0005	SQ	80 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Mechanically Fastened	174.24
		<i>For Up To 10, Add</i>	38.45
		<i>For >10 To 20, Add</i>	20.13
		<i>For >20 To 40, Add</i>	10.51
		<i>For >75 To 100, Deduct</i>	-5.26
		<i>For >100 To 200, Deduct</i>	-10.96
		<i>For >200, Deduct</i>	-16.22
07 52 16 14-0006	SQ	90 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Mechanically Fastened	218.28
		<i>For Up To 10, Add</i>	47.26
		<i>For >10 To 20, Add</i>	24.53
		<i>For >20 To 40, Add</i>	12.72
		<i>For >75 To 100, Deduct</i>	-6.36
		<i>For >100 To 200, Deduct</i>	-13.17
		<i>For >200, Deduct</i>	-19.52
07 52 16 14-0007	SQ	120 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Or Ply Sheet, Mechanically Fastened	274.21
		<i>For Up To 10, Add</i>	58.44
		<i>For >10 To 20, Add</i>	30.12
		<i>For >20 To 40, Add</i>	15.51
		<i>For >75 To 100, Deduct</i>	-7.76
		<i>For >100 To 200, Deduct</i>	-15.96
		<i>For >200, Deduct</i>	-23.72
07 52 16 14-0008		Mechanically Fastened, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Flashing (07 52 16 14-0001)	
07 52 16 14-0009	SF	150 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Mechanically Fastened	3.41
07 52 16 14-0010	SF	160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Mechanically Fastened	3.49

07 52 16 15 Self-Adhering Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing (07 52 16)

07 52 16 15-0001		Self-Adhering Styrene-Butadiene-Styrene (SBS) Modified Bituminous Membrane Roofing (07 52 16 15) Note: Includes fiberglass and/or polyester reinforcement. Includes removing the release film(s) from the membrane and applying the membrane.	
07 52 16 15-0002		Self-Adhering, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Base, Ply And Cap Sheets (07 52 16 15-0001)	
07 52 16 15-0003	SQ	60 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Self-Adhering	139.91
		<i>For Up To 10, Add</i>	32.31
		<i>For >10 To 20, Add</i>	17.24
		<i>For >20 To 40, Add</i>	9.16
		<i>For >75 To 100, Deduct</i>	-4.58
		<i>For >100 To 200, Deduct</i>	-9.70
		<i>For >200, Deduct</i>	-14.28
07 52 16 15-0004	SQ	70 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Self-Adhering	148.30
		<i>For Up To 10, Add</i>	33.99
		<i>For >10 To 20, Add</i>	18.08
		<i>For >20 To 40, Add</i>	9.58
		<i>For >75 To 100, Deduct</i>	-4.79
		<i>For >100 To 200, Deduct</i>	-10.12
		<i>For >200, Deduct</i>	-14.91



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 52 16 15-0005	SQ		120 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Self-Adhering.....	250.78	
			For Up To 10, Add	54.81	
			For >10 To 20, Add	28.57	
			For >20 To 40, Add	14.87	
			For >75 To 100, Deduct	-7.43	
			For >100 To 200, Deduct	-15.45	
			For >200, Deduct	-22.88	
07 52 16 15-0006	SQ		150 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Self-Adhering	299.97	
			For Up To 10, Add	64.65	
			For >10 To 20, Add	33.49	
			For >20 To 40, Add	17.32	
			For >75 To 100, Deduct	-8.66	
			For >100 To 200, Deduct	-17.91	
			For >200, Deduct	-26.57	
			For Factory Applied White Reflective Surfacing, Add	105.13	
07 52 16 15-0007	SQ		160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Self-Adhering	444.98	
			For Up To 10, Add	93.65	
			For >10 To 20, Add	47.99	
			For >20 To 40, Add	24.58	
			For >75 To 100, Deduct	-12.29	
			For >100 To 200, Deduct	-25.16	
			For >200, Deduct	-37.44	
			For Factory Applied White Reflective Surfacing, Add	105.13	
07 52 16 15-0008			Self-Adhering, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Flashing (07 52 16 15-0001)		
07 52 16 15-0009	SF		70 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Self-Adhering.....	3.91	
07 52 16 15-0010	SF		150 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Self-Adhering.....	4.39	
			For Factory Applied White Reflective Surfacing, Add	1.05	
07 52 16 15-0011	SF		160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Self-Adhering.....	5.84	
			For Factory Applied White Reflective Surfacing, Add	1.05	
07 53			Elastomeric Membrane Roofing (07 50)		
Note: Includes 10 year warranty. All warranties are no dollar limit to include material, equipment and labor. Excludes concrete primer, insulation, slip sheets, wood nailers, cant strips, coping removal and reinstallation, gravel stop, walkway pads and drainage devices. See CSI section 07 26 13 00-0000 for wood deck building paper.					
07 53 16			Chlorosulfonate-Polyethylene Roofing (07 53)		
07 53 16 00-0001			Chlorosulfonated Polyethylene-Hypalon (CSPE) Roofing Membranes (07 53 16)		
Note: Includes hot air welding or adhesive bonding of seams.					
07 53 16 00-0002	SQ		45 Mil, Single Ply Chlorosulfonated Polyethylene-Hypalon (CSPE) Roofing Membrane, Fully Adhered	597.23	86.55
			Note: Includes adhesive.		
			For Up To 10, Add	154.07	
			For >10 To 20, Add	85.69	
			For >20 To 40, Add	47.17	
			For >75 To 100, Deduct	-23.59	
			For >100 To 200, Deduct	-51.50	
			For >200, Deduct	-75.08	
			For 15 Year Warranty, Add	3.00	
07 53 16 00-0003	SQ		45 Mil, Single Ply Chlorosulfonated Polyethylene-Hypalon (CSPE) Roofing Membrane, Ballasted	459.61	43.27
			Note: Includes ballast.		
			For Up To 10, Add	109.23	
			For >10 To 20, Add	58.94	
			For >20 To 40, Add	31.64	
			For >75 To 100, Deduct	-15.82	
			For >100 To 200, Deduct	-33.80	
			For >200, Deduct	-49.62	
			For 15 Year Warranty, Add	3.00	
07 53 16 00-0004	SQ		45 Mil, Single Ply Chlorosulfonated Polyethylene-Hypalon (CSPE) Roofing Membrane, Mechanically Fastened.....	487.09	64.91
			Note: Includes fasteners.		
			For Up To 10, Add	123.38	
			For >10 To 20, Add	68.18	
			For >20 To 40, Add	37.34	
			For >75 To 100, Deduct	-18.67	
			For >100 To 200, Deduct	-40.58	
			For >200, Deduct	-59.25	
			For 15 Year Warranty, Add	3.00	
			For Mechanically Fastened To Concrete Decks, Add	32.46	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	33.74	
07 53 23			Ethylene-Propylene-Diene-Monomer Roofing (07 53)		
07 53 23 00-0001			Ethylene Propylene Diene Monomer (EPDM) Roofing Membranes (07 53 23)		
Note: Includes splicing of seams using adhesive or seam tape. Black ethylene propylene diene monomer (EPDM).					

07 Thermal And Moisture Protection**07 50 Membrane Roofing****07 53 Elastomeric Membrane Roofing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 53 23 00-0002	SQ		45 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Ballasted	306.22	43.27
			Note: Includes ballast.		
			For Up To 10, Add	78.55	
			For >10 To 20, Add	43.60	
			For >20 To 40, Add	23.97	
			For >75 To 100, Deduct	-11.98	
			For >100 To 200, Deduct	-26.13	
			For >200, Deduct	-38.11	
			For 15 Year Warranty, Add	3.00	
			For Low Slope Fire Rated, Add	8.45	
			For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	30.52	
07 53 23 00-0003	SQ		60 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Ballasted	398.50	45.98
			Note: Includes ballast.		
			For Up To 10, Add	98.09	
			For >10 To 20, Add	53.64	
			For >20 To 40, Add	29.12	
			For >75 To 100, Deduct	-14.56	
			For >100 To 200, Deduct	-31.42	
			For >200, Deduct	-45.98	
			For 15 Year Warranty, Add	3.00	
			For 20 Year Warranty, Add	7.00	
			For 25 Year Warranty, Add	9.00	
			For Low Slope Fire Rated, Add	8.45	
			For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	30.52	
07 53 23 00-0004	SQ		90 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Ballasted	540.63	48.68
			Note: Includes ballast.		
			For Up To 10, Add	127.60	
			For >10 To 20, Add	68.67	
			For >20 To 40, Add	36.77	
			For >75 To 100, Deduct	-18.38	
			For >100 To 200, Deduct	-39.20	
			For >200, Deduct	-57.59	
			For 15 Year Warranty, Add	3.00	
			For 20 Year Warranty, Add	7.00	
			For 25 Year Warranty, Add	9.00	
			For Low Slope Fire Rated, Add	8.45	
07 53 23 00-0005	SQ		45 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Partially Adhered (40%)	365.95	64.91
			Note: Includes adhesive and fasteners.		
			For Up To 10, Add	99.15	
			For >10 To 20, Add	56.07	
			For >20 To 40, Add	31.28	
			For >75 To 100, Deduct	-15.64	
			For >100 To 200, Deduct	-34.53	
			For >200, Deduct	-50.16	
			For 15 Year Warranty, Add	3.00	
			For Low Slope Fire Rated, Add	8.45	
			For Low VOC Adhesive, Add	25.42	
			For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	30.52	
			For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	80.60	
			For Integral Polyester Fleece-Backing, Add	110.08	
07 53 23 00-0006	SQ		60 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Partially Adhered (40%)	458.23	67.62
			Note: Includes adhesive and fasteners.		
			For Up To 10, Add	118.69	
			For >10 To 20, Add	66.11	
			For >20 To 40, Add	36.43	
			For >75 To 100, Deduct	-18.22	
			For >100 To 200, Deduct	-39.82	
			For >200, Deduct	-58.03	
			For 15 Year Warranty, Add	3.00	
			For 20 Year Warranty, Add	7.00	
			For 25 Year Warranty, Add	9.00	
			For Low Slope Fire Rated, Add	8.45	
			For Low VOC Adhesive, Add	25.42	
			For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	30.52	
			For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	80.60	
			For Integral Polyester Fleece-Backing, Add	122.46	
07 53 23 00-0007	SQ		90 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Partially Adhered (40%)	600.37	70.32
			Note: Includes adhesive and fasteners.		
			For Up To 10, Add	148.20	
			For >10 To 20, Add	81.13	
			For >20 To 40, Add	44.08	
			For >75 To 100, Deduct	-22.04	
			For >100 To 200, Deduct	-47.60	
			For >200, Deduct	-69.64	
			For 15 Year Warranty, Add	3.00	
			For 20 Year Warranty, Add	7.00	
			For 25 Year Warranty, Add	9.00	
			For Low Slope Fire Rated, Add	8.45	
			For Low VOC Adhesive, Add	25.42	
			For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	80.60	
			For Integral Polyester Fleece-Backing, Add	135.98	



Thermal And Moisture Protection			07
Membrane Roofing			07 50
Elastomeric Membrane Roofing			07 53

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 53 23 00-0008	SQ		45 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Fully Adhered.....	482.34	86.55
			Note: Includes adhesive and fasteners.		
			For Up To 10, Add	131.09	
			For >10 To 20, Add	74.20	
			For >20 To 40, Add	41.43	
			For >75 To 100, Deduct	-20.71	
			For >100 To 200, Deduct	-45.75	
			For >200, Deduct	-66.47	
			For 15 Year Warranty, Add	3.00	
			For Low Slope Fire Rated, Add	8.45	
			For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	30.52	
			For Low VOC Adhesive, Add	63.55	
			For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	80.60	
			For Integral Polyester Fleece-Backing, Add	110.08	
07 53 23 00-0009	SQ		60 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Fully Adhered.....	574.62	89.25
			Note: Includes adhesive and fasteners.		
			For Up To 10, Add	150.63	
			For >10 To 20, Add	84.24	
			For >20 To 40, Add	46.58	
			For >75 To 100, Deduct	-23.29	
			For >100 To 200, Deduct	-51.04	
			For >200, Deduct	-74.34	
			For 15 Year Warranty, Add	3.00	
			For 20 Year Warranty, Add	7.00	
			For 25 Year Warranty, Add	9.00	
			For Low Slope Fire Rated, Add	8.45	
			For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	30.52	
			For Low VOC Adhesive, Add	63.55	
			For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	80.60	
			For Integral Polyester Fleece-Backing, Add	122.46	
07 53 23 00-0010	SQ		90 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Fully Adhered.....	716.74	91.96
			Note: Includes adhesive and fasteners.		
			For Up To 10, Add	180.13	
			For >10 To 20, Add	99.26	
			For >20 To 40, Add	54.23	
			For >75 To 100, Deduct	-27.11	
			For >100 To 200, Deduct	-58.83	
			For >200, Deduct	-85.94	
			For 15 Year Warranty, Add	3.00	
			For 20 Year Warranty, Add	7.00	
			For 25 Year Warranty, Add	9.00	
			For Low Slope Fire Rated, Add	8.45	
			For Low VOC Adhesive, Add	63.55	
			For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	80.60	
			For Integral Polyester Fleece-Backing, Add	135.98	
07 53 23 00-0011	SQ		45 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Mechanically Fastened	333.46	64.91
			Note: Includes fasteners.		
			For Up To 10, Add	92.66	
			For >10 To 20, Add	52.82	
			For >20 To 40, Add	29.66	
			For >75 To 100, Deduct	-14.83	
			For >100 To 200, Deduct	-32.90	
			For >200, Deduct	-47.73	
			For 15 Year Warranty, Add	3.00	
			For Low Slope Fire Rated, Add	8.45	
			For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	30.52	
			For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	80.60	
			For Mechanically Fastened To Concrete Decks, Add	32.46	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	33.74	
07 53 23 00-0012	SQ		60 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Mechanically Fastened	425.74	67.62
			Note: Includes fasteners.		
			For Up To 10, Add	112.19	
			For >10 To 20, Add	62.86	
			For >20 To 40, Add	34.81	
			For >75 To 100, Deduct	-17.41	
			For >100 To 200, Deduct	-38.19	
			For >200, Deduct	-55.60	
			For 15 Year Warranty, Add	3.00	
			For 20 Year Warranty, Add	7.00	
			For 25 Year Warranty, Add	9.00	
			For Low Slope Fire Rated, Add	8.45	
			For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	30.52	
			For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	80.60	
			For Mechanically Fastened To Concrete Decks, Add	33.81	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	35.09	

07 Thermal And Moisture Protection**07 50 Membrane Roofing****07 53 Elastomeric Membrane Roofing**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

07 53 23 00-0013	SQ	90 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Mechanically Fastened	567.88	70.32
		Note: Includes fasteners.		
		For Up To 10, Add	141.71	
		For >10 To 20, Add	77.89	
		For >20 To 40, Add	42.46	
		For >75 To 100, Deduct	-21.23	
		For >100 To 200, Deduct	-45.98	
		For >200, Deduct	-67.20	
		For 15 Year Warranty, Add	3.00	
		For 20 Year Warranty, Add	7.00	
		For 25 Year Warranty, Add	9.00	
		For Low Slope Fire Rated, Add	8.45	
		For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	80.60	
		For Mechanically Fastened To Concrete Decks, Add	35.16	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	36.44	

07 53 23 00-0014 Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane Accessories (07 53 23)

07 53 23 00-0015	SQ	Acrylic, Ethylene Propylene Diene Monomer (EPDM) Roofing Primer, Price Per Coat	71.06	
		For Up To 10, Add	18.54	
		For >10 To 20, Add	10.35	
		For >20 To 40, Add	5.72	
		For >75 To 100, Deduct	-2.86	
		For >100 To 200, Deduct	-6.26	
		For >200, Deduct	-9.12	
07 53 23 00-0016	SQ	Acrylic Elastomeric, Surface Or Base Coating For Ethylene Propylene Diene Monomer (EPDM) Roofing, Price Per Coat	73.53	
		Note: 55% solids by volume.		
		For Up To 10, Add	19.03	
		For >10 To 20, Add	10.60	
		For >20 To 40, Add	5.84	
		For >75 To 100, Deduct	-2.92	
		For >100 To 200, Deduct	-6.38	
		For >200, Deduct	-9.30	
07 53 23 00-0017	EA	Up To 4" Pipe Diameter, Prefabricated Ethylene Propylene Diene Monomer (EPDM) Pipe Cone/Boot	44.55	10.28
		Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.		
07 53 23 00-0018	EA	>4" To 8" Pipe Diameter, Prefabricated Ethylene Propylene Diene Monomer (EPDM) Pipe Cone/Boot	64.05	10.28
		Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.		
07 53 23 00-0019	EA	>8" To 13" Pipe Diameter, Prefabricated Ethylene Propylene Diene Monomer (EPDM) Pipe Cone/Boot	120.33	10.28
		Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.		
07 53 23 00-0020	EA	6" Diameter, Prefabricated Ethylene Propylene Diene Monomer (EPDM) Penetration Pocket	159.73	11.36
		Note: Includes attaching the pocket to the membrane, sealing around the penetration and filling the pocket with pourable sealer.		
07 53 23 00-0021	LF	30" Wide, Ethylene Propylene Diene Monomer (EPDM) Walkway Protection Pad	34.75	6.28
		Note: Includes factory installed peel and stick adhesive tape.		
07 53 23 00-0022	SF	Ethylene Propylene Diene Monomer (EPDM) Membrane Base Flashing	6.57	1.62
07 53 23 00-0023	SF	Ethylene Propylene Diene Monomer (EPDM) Membrane Curb Flashing	8.19	2.44

07 53 29 Polyisobutylene Roofing (07 53)

07 53 29 00-0001 Polyisobutylene (PIB) Roofing Membranes (07 53 29)

		Note: Includes integral polyester fleece-backing. Includes splicing of seams using adhesive or seam tape.		
07 53 29 00-0002	SQ	100 Mil, Single Ply PIB Roofing Membrane, Ballasted	518.33	48.68
		Note: Includes ballast.		
		For Up To 10, Add	123.14	
		For >10 To 20, Add	66.44	
		For >20 To 40, Add	35.65	
		For >75 To 100, Deduct	-17.83	
		For >100 To 200, Deduct	-38.09	
		For >200, Deduct	-55.91	
		For 15 Year Warranty, Add	3.00	
		For 20 Year Warranty, Add	7.00	
		For 25 Year Warranty, Add	9.00	
07 53 29 00-0003	SQ	100 Mil, Single Ply PIB Roofing Membrane, Partially Adhered (40%)	577.87	70.32
		Note: Includes adhesive.		
		For Up To 10, Add	143.70	
		For >10 To 20, Add	78.88	
		For >20 To 40, Add	42.96	
		For >75 To 100, Deduct	-21.48	
		For >100 To 200, Deduct	-46.47	
		For >200, Deduct	-67.95	
		For 15 Year Warranty, Add	3.00	
		For 20 Year Warranty, Add	7.00	
		For 25 Year Warranty, Add	9.00	



Thermal And Moisture Protection			07
Membrane Roofing			07 50
Elastomeric Membrane Roofing			07 53

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 53 29 00-0004	SQ		100 Mil, Single Ply PIB Roofing Membrane, Fully Adhered	693.94	91.96
			Note: Includes adhesive.		
			For Up To 10, Add	175.57	
			For >10 To 20, Add	96.98	
			For >20 To 40, Add	53.09	
			For >75 To 100, Deduct	-26.54	
			For >100 To 200, Deduct	-57.69	
			For >200, Deduct	-84.23	
			For 15 Year Warranty, Add	3.00	
			For 20 Year Warranty, Add	7.00	
			For 25 Year Warranty, Add	9.00	

07 54 Thermoplastic Membrane Roofing (07 50)

Note: Includes 10 year warranty. All warranties are no dollar limit to include material, equipment and labor. Excludes concrete primer, insulation, slip sheets, wood nailers, cant strips, coping removal and reinstallation, gravel stop, walkway pads and drainage devices. See CSI section 07 26 13 00-0000 for wood deck building paper.

07 54 19 Polyvinyl-Chloride Roofing (07 54)

07 54 19 00-0001 Reinforced Polyvinyl Chloride (RPVC) Roofing Membranes (07 54 19)

Note: Includes polyester fabric reinforcement and hot air welding of seams. RPVC membranes meet or exceed all of the requirements of ASTM D4434 Type III.

07 54 19 00-0002	SQ		48 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Ballasted	197.36	43.27
			Note: Includes ballast.		
			For Up To 10, Add	56.78	
			For >10 To 20, Add	32.72	
			For >20 To 40, Add	18.52	
			For >75 To 100, Deduct	-9.26	
			For >100 To 200, Deduct	-20.69	
			For >200, Deduct	-29.95	
			For 15 Year Warranty, Add	3.00	
			For Colors, Add	26.00	
			For Integral Polyester Fleece-Backing, Add	27.13	
07 54 19 00-0003	SQ		60 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Ballasted	216.95	45.98
			Note: Includes ballast.		
			For Up To 10, Add	61.78	
			For >10 To 20, Add	35.49	
			For >20 To 40, Add	20.04	
			For >75 To 100, Deduct	-10.02	
			For >100 To 200, Deduct	-22.34	
			For >200, Deduct	-32.36	
			For 15 Year Warranty, Add	3.00	
			For 20 Year Warranty, Add	7.00	
			For 25 Year Warranty, Add	9.00	
			For Colors, Add	26.00	
			For Integral Polyester Fleece-Backing, Add	27.13	
07 54 19 00-0004	SQ		72 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Ballasted	237.78	47.33
			Note: Includes ballast.		
			For Up To 10, Add	66.49	
			For >10 To 20, Add	37.98	
			For >20 To 40, Add	21.36	
			For >75 To 100, Deduct	-10.68	
			For >100 To 200, Deduct	-23.72	
			For >200, Deduct	-34.40	
			For 15 Year Warranty, Add	3.00	
			For 20 Year Warranty, Add	7.00	
			For 25 Year Warranty, Add	9.00	
			For Colors, Add	26.00	
			For Integral Polyester Fleece-Backing, Add	27.13	
07 54 19 00-0005	SQ		80 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Ballasted	248.38	48.68
			Note: Includes ballast.		
			For Up To 10, Add	69.15	
			For >10 To 20, Add	39.44	
			For >20 To 40, Add	22.16	
			For >75 To 100, Deduct	-11.08	
			For >100 To 200, Deduct	-24.59	
			For >200, Deduct	-35.67	
			For 15 Year Warranty, Add	3.00	
			For 20 Year Warranty, Add	7.00	
			For 25 Year Warranty, Add	9.00	
			For Colors, Add	26.00	
			For Integral Polyester Fleece-Backing, Add	27.13	
07 54 19 00-0006	SQ		48 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Fully Adhered	403.74	86.55
			Note: Includes adhesive.		
			For Up To 10, Add	115.37	
			For >10 To 20, Add	66.34	
			For >20 To 40, Add	37.50	
			For >75 To 100, Deduct	-18.75	
			For >100 To 200, Deduct	-41.82	
			For >200, Deduct	-60.57	
			For 15 Year Warranty, Add	3.00	
			For Colors, Add	26.00	
			For Low VOC Adhesive, Add	82.74	
			For Integral Polyester Fleece-Backing, Add	27.13	

07 Thermal And Moisture Protection**07 50 Membrane Roofing****07 54 Thermoplastic Membrane Roofing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 54 19 00-0007	SQ		60 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Fully Adhered	423.34	89.25
			Note: Includes adhesive.		
			For Up To 10, Add	120.37	
			For >10 To 20, Add	69.11	
			For >20 To 40, Add	39.02	
			For >75 To 100, Deduct	-19.51	
			For >100 To 200, Deduct	-43.48	
			For >200, Deduct	-62.99	
			For 15 Year Warranty, Add	3.00	
			For 20 Year Warranty, Add	7.00	
			For 25 Year Warranty, Add	9.00	
			For Colors, Add	26.00	
			For Low VOC Adhesive, Add	82.74	
			For Integral Polyester Fleece-Backing, Add	27.13	
07 54 19 00-0008	SQ		72 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Fully Adhered	444.17	90.60
			Note: Includes adhesive.		
			For Up To 10, Add	125.08	
			For >10 To 20, Add	71.60	
			For >20 To 40, Add	40.33	
			For >75 To 100, Deduct	-20.16	
			For >100 To 200, Deduct	-44.86	
			For >200, Deduct	-65.02	
			For 15 Year Warranty, Add	3.00	
			For 20 Year Warranty, Add	7.00	
			For 25 Year Warranty, Add	9.00	
			For Colors, Add	26.00	
			For Low VOC Adhesive, Add	82.74	
			For Integral Polyester Fleece-Backing, Add	27.13	
07 54 19 00-0009	SQ		80 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Fully Adhered	454.76	91.96
			Note: Includes adhesive.		
			For Up To 10, Add	127.74	
			For >10 To 20, Add	73.06	
			For >20 To 40, Add	41.13	
			For >75 To 100, Deduct	-20.57	
			For >100 To 200, Deduct	-45.73	
			For >200, Deduct	-66.29	
			For 15 Year Warranty, Add	3.00	
			For 20 Year Warranty, Add	7.00	
			For 25 Year Warranty, Add	9.00	
			For Colors, Add	26.00	
			For Low VOC Adhesive, Add	82.74	
			For Integral Polyester Fleece-Backing, Add	27.13	
07 54 19 00-0010	SQ		48 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Mechanically Fastened	216.59	64.91
			Note: Includes fasteners.		
			For Up To 10, Add	69.28	
			For >10 To 20, Add	41.13	
			For >20 To 40, Add	23.81	
			For >75 To 100, Deduct	-11.91	
			For >100 To 200, Deduct	-27.06	
			For >200, Deduct	-38.96	
			For 15 Year Warranty, Add	3.00	
			For Colors, Add	26.00	
			For Integral Polyester Fleece-Backing, Add	27.13	
			For Mechanically Fastened To Concrete Decks, Add	32.46	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	33.74	
07 54 19 00-0011	SQ		60 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Mechanically Fastened	236.19	67.62
			Note: Includes fasteners.		
			For Up To 10, Add	74.28	
			For >10 To 20, Add	43.90	
			For >20 To 40, Add	25.33	
			For >75 To 100, Deduct	-12.67	
			For >100 To 200, Deduct	-28.71	
			For >200, Deduct	-41.38	
			For 15 Year Warranty, Add	3.00	
			For 20 Year Warranty, Add	7.00	
			For 25 Year Warranty, Add	9.00	
			For Colors, Add	26.00	
			For Integral Polyester Fleece-Backing, Add	27.13	
			For Mechanically Fastened To Concrete Decks, Add	33.81	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	35.09	
07 54 19 00-0012	SQ		72 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Mechanically Fastened	257.03	68.97
			Note: Includes fasteners.		
			For Up To 10, Add	78.99	
			For >10 To 20, Add	46.39	
			For >20 To 40, Add	26.65	
			For >75 To 100, Deduct	-13.32	
			For >100 To 200, Deduct	-30.09	
			For >200, Deduct	-43.42	
			For 15 Year Warranty, Add	3.00	
			For 20 Year Warranty, Add	7.00	
			For 25 Year Warranty, Add	9.00	
			For Colors, Add	26.00	
			For Integral Polyester Fleece-Backing, Add	27.13	
			For Mechanically Fastened To Concrete Decks, Add	34.49	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	35.77	



Thermal And Moisture Protection			07
Membrane Roofing			07 50
Thermoplastic Membrane Roofing			07 54

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 54 19 00-0013	SQ		80 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Mechanically Fastened Note: Includes fasteners. For Up To 10, Add For >10 To 20, Add For >20 To 40, Add For >75 To 100, Deduct For >100 To 200, Deduct For >200, Deduct For 15 Year Warranty, Add For 20 Year Warranty, Add For 25 Year Warranty, Add For Colors, Add For Integral Polyester Fleece-Backing, Add For Mechanically Fastened To Concrete Decks, Add For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	267.62 81.65 47.86 27.45 -13.72 -30.96 -44.69 3.00 7.00 9.00 26.00 27.13 35.16 36.44	70.32
07 54 19 00-0014			Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane Accessories (07 54 19)		
07 54 19 00-0015	SQ		Acrylic, Polyvinyl Chloride (PVC) Roofing Cleaner/Primer, Price Per Coat For Up To 10, Add For >10 To 20, Add For >20 To 40, Add For >75 To 100, Deduct For >100 To 200, Deduct For >200, Deduct	71.06 18.54 10.35 5.72 -2.86 -6.26 -9.12	
07 54 19 00-0016	SQ		Acrylic Elastomeric, Surface Or Base Coating For Polyvinyl Chloride (PVC) Roofing, Price Per Coat..... Note: 55% solids by volume. For Up To 10, Add For >10 To 20, Add For >20 To 40, Add For >75 To 100, Deduct For >100 To 200, Deduct For >200, Deduct	73.53 19.03 10.60 5.84 -2.92 -6.38 -9.30	
07 54 19 00-0017	EA		Up To 3" Pipe Diameter, Prefabricated Polyvinyl Chloride (PVC) Pipe Cone/Boot..... Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.	74.33	9.19
07 54 19 00-0018	EA		>3" To 7" Pipe Diameter, Prefabricated Polyvinyl Chloride (PVC) Pipe Cone/Boot..... Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.	104.51	10.28
07 54 19 00-0019	EA		>7" To 12" Pipe Diameter, Prefabricated Polyvinyl Chloride (PVC) Pipe Cone/Boot..... Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.	133.80	11.36
07 54 19 00-0020	EA		6" Diameter, Prefabricated Polyvinyl Chloride (PVC) Penetration Pocket..... Note: Includes attaching the pocket to the membrane, sealing around the penetration and filling the pocket with pourable sealer.	170.42	11.36
07 54 19 00-0021	LF		36" Wide, Polyvinyl Chloride (PVC) Walkway Protection Pad	29.71	6.28
07 54 19 00-0022	SF		Polyvinyl Chloride (PVC) Membrane Base Flashing	7.84	1.62
07 54 19 00-0023	SF		Polyvinyl Chloride (PVC) Membrane Curb Flashing	9.46	2.44
07 54 19 00-0024	SF		Polyvinyl Chloride (PVC) Clad Edge Metal Or Base Flashing..... Note: 20 Mil polyvinyl chloride (PVC) membrane laminated to 24 gauge galvanized steel.	10.64	1.62
07 54 19 00-0025			Reinforced Polyvinyl Chloride (RPVC) Roofing Membranes (Sika Sarnafil® EnergySmart Roof® Membranes) (07 54 19)		
07 54 19 00-0026			Reinforced Polyvinyl Chloride (RPVC) Roofing Membranes (Sika Sarnafil® EnergySmart Roof® Membranes) (07 54 19 00-0025) Note: Includes integral fiberglass mat reinforcement and hot air welding of seams. Sarnafil® G410 fully adhered membranes meet or exceed all of the requirements of ASTM D4434 Type II. Sarnafil® S327 mechanically attached membranes meet or exceed all of the requirements of ASTM D4434 Type III.		
07 54 19 00-0027	SQ		48 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane (Sika Sarnafil® EnergySmart Roof® Membranes), Fully Adhered Note: Includes adhesive. For Up To 10, Add For >10 To 20, Add For >20 To 40, Add For >75 To 100, Deduct For >100 To 200, Deduct For >200, Deduct For 15 Year Warranty, Add For 20 Year Warranty, Add For 25 Year Warranty, Add For Integral Felt Backing, Add	429.16 120.45 68.88 38.77 -19.38 -43.10 -62.48 2.79 9.77 18.15 48.84	86.55
07 54 19 00-0028	SQ		60 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane (Sika Sarnafil® EnergySmart Roof® Membranes), Fully Adhered Note: Includes adhesive. For Up To 10, Add For >10 To 20, Add For >20 To 40, Add For >75 To 100, Deduct For >100 To 200, Deduct For >200, Deduct For 15 Year Warranty, Add For 20 Year Warranty, Add For 25 Year Warranty, Add For Integral Felt Backing, Add	459.78 127.66 72.75 40.84 -20.42 -45.30 -65.72 2.79 9.77 18.15 48.84	89.25

07 Thermal And Moisture Protection**07 50 Membrane Roofing****07 54 Thermoplastic Membrane Roofing**

MINOR				TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION				UNIT COST	UNIT COST
07 54 19 00-0029	SQ	72 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane (Sika Sarnafil® EnergySmart Roof® Membranes), Fully Adhered	.....	489.26	90.60
		Note: Includes adhesive.			
		For Up To 10, Add		134.09	
		For >10 To 20, Add		76.11	
		For >20 To 40, Add		42.58	
		For >75 To 100, Deduct		-21.29	
		For >100 To 200, Deduct		-47.11	
		For >200, Deduct		-68.41	
		For 15 Year Warranty, Add		2.79	
		For 20 Year Warranty, Add		9.77	
		For 25 Year Warranty, Add		18.15	
		For Integral Felt Backing, Add		48.84	
07 54 19 00-0030	SQ	80 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane (Sika Sarnafil® EnergySmart Roof® Membranes), Fully Adhered	.....	520.33	91.96
		Note: Includes adhesive.			
		For Up To 10, Add		140.85	
		For >10 To 20, Add		79.62	
		For >20 To 40, Add		44.41	
		For >75 To 100, Deduct		-22.20	
		For >100 To 200, Deduct		-49.01	
		For >200, Deduct		-71.21	
		For 15 Year Warranty, Add		2.79	
		For 20 Year Warranty, Add		9.77	
		For 25 Year Warranty, Add		18.15	
		For Integral Felt Backing, Add		48.84	
07 54 19 00-0031	SQ	48 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane (Sika Sarnafil® EnergySmart Roof® Membranes), Mechanically Fastened	.....	345.65	64.91
		Note: Includes fasteners and plates for mechanically fastening to wood or steel decks			
		For Up To 10, Add		95.09	
		For >10 To 20, Add		54.04	
		For >20 To 40, Add		30.26	
		For >75 To 100, Deduct		-15.13	
		For >100 To 200, Deduct		-33.51	
		For >200, Deduct		-48.64	
		For Mechanically Fastened To Concrete Decks, Add		32.46	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add		33.74	
		For 15 Year Warranty, Add		2.79	
		For 20 Year Warranty, Add		9.77	
		For 25 Year Warranty, Add		18.15	
		For Integral Felt Backing, Add		48.84	
		For Mechanically Fastened With Sarnafil, Add		28.69	
07 54 19 00-0032	SQ	60 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane (Sika Sarnafil® EnergySmart Roof® Membranes), Mechanically Fastened	.....	376.27	67.62
		Note: Includes fasteners and plates for mechanically fastening to wood or steel decks.			
		For Up To 10, Add		102.30	
		For >10 To 20, Add		57.91	
		For >20 To 40, Add		32.34	
		For >75 To 100, Deduct		-16.17	
		For >100 To 200, Deduct		-35.72	
		For >200, Deduct		-51.89	
		For Mechanically Fastened To Concrete Decks, Add		33.81	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add		35.09	
		For 15 Year Warranty, Add		2.79	
		For 20 Year Warranty, Add		9.77	
		For 25 Year Warranty, Add		18.15	
		For Integral Felt Backing, Add		48.84	
		For Mechanically Fastened With Sarnafil, Add		28.69	
07 54 19 00-0033	SQ	72 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane (Sika Sarnafil® EnergySmart Roof® Membranes), Mechanically Fastened	.....	405.76	68.97
		Note: Includes fasteners and plates for mechanically fastening to wood or steel decks.			
		For Up To 10, Add		108.74	
		For >10 To 20, Add		61.27	
		For >20 To 40, Add		34.08	
		For >75 To 100, Deduct		-17.04	
		For >100 To 200, Deduct		-37.53	
		For >200, Deduct		-54.57	
		For Mechanically Fastened To Concrete Decks, Add		34.49	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add		35.77	
		For 15 Year Warranty, Add		2.79	
		For 20 Year Warranty, Add		9.77	
		For 25 Year Warranty, Add		18.15	
		For Integral Felt Backing, Add		48.84	
		For Mechanically Fastened With Sarnafil, Add		28.69	



Thermal And Moisture Protection		07
Membrane Roofing		07 50
Thermoplastic Membrane Roofing		07 54

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 54 19 00-0034	SQ		80 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane (Sika Sarnafil® EnergySmart Roof® Membranes), Mechanically Fastened.....	436.83	70.32
			Note: Includes fasteners and plates for mechanically fastening to wood or steel decks.		
			For Up To 10, Add	115.50	
			For >10 To 20, Add	64.78	
			For >20 To 40, Add	35.91	
			For >75 To 100, Deduct	-17.95	
			For >100 To 200, Deduct	-39.42	
			For >200, Deduct	-57.38	
			For Mechanically Fastened To Concrete Decks, Add	35.16	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	36.44	
			For 15 Year Warranty, Add	2.79	
			For 20 Year Warranty, Add	9.77	
			For 25 Year Warranty, Add	18.15	
			For Integral Felt Backing, Add	48.84	
			For Mechanically Fastened With Sarnabar, Add	28.69	
07 54 19 00-0035			Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane Accessories (Sika Sarnafil® EnergySmart Roof® Membranes) (07 54 19 00-0025)		
07 54 19 00-0036	LF		3/4" Wide Multi-Purpose Tape (Sika Sarnafil®).....	1.02	
07 54 19 00-0037	LF		Roofing Membrane Aluminum Termination Bar (Sika Sarnafil® Sarnastop).....	4.72	1.56
			Note: Includes fasteners and caulking.		
07 54 19 00-0038	EA		4-1/2" Diameter, Polyvinyl Chloride (PVC) Membrane Prefabricated Patch (Sika Sarnafil® Sarnacircles).....	4.79	1.35
07 54 19 00-0039	LF		8" Polyvinyl Chloride (PVC) Membrane Cover Strip (Sika Sarnafil® Coverstrip).....	5.21	1.35
			Note: Includes aluminum tape.		
07 54 19 00-0040	LF		12" Polyvinyl Chloride (PVC) Membrane Cover Strip (Sika Sarnafil® Coverstrip).....	5.21	1.35
			Note: Includes aluminum tape.		
07 54 19 00-0041	LF		Surface Mount Vertical Termination Bar (Sika Sarnafil® Sarnareglet).....	6.95	1.72
			Note: Includes fasteners, splice plates and caulking.		
07 54 19 00-0042	SF		Polyvinyl Chloride (PVC) Membrane Flashing (Sika Sarnafil® G459).....	7.23	1.62
07 54 19 00-0043	SF		Polyvinyl Chloride (PVC) Membrane Flashing (Sika Sarnafil® Detail Membrane).....	8.84	2.44
07 54 19 00-0044	SF		Polyvinyl Chloride (PVC) Clad Edge Metal Or Base Flashing (Sika Sarnafil® Sarnaclad).....	10.23	1.62
			Note: 20 Mil white polyvinyl chloride (PVC) membrane laminated to 24 gauge galvanized steel.		
			For Colored PVC, Add	1.01	
07 54 19 00-0045	LF		39" Wide, 96 Mil, Polyester Reinforced, Polyvinyl Chloride (PVC) Walkway Protection Pad (Sika Sarnafil® Sarnatred -V).....	28.06	6.28
07 54 19 00-0046	EA		Up To 3" Pipe Diameter, Prefabricated Polyvinyl Chloride (PVC) Pipe Cone/Boot (Sika Sarnafil® Sarnastack).....	72.93	9.19
			Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.		
07 54 19 00-0047	EA		>3" To 5" Pipe Diameter, Prefabricated Polyvinyl Chloride (PVC) Pipe Cone/Boot (Sika Sarnafil® Sarnastack).....	75.09	10.28
			Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.		
07 54 19 00-0048	EA		>5" To 7" Pipe Diameter, Prefabricated Polyvinyl Chloride (PVC) Pipe Cone/Boot (Sika Sarnafil® Sarnastack).....	77.26	11.36
			Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.		
07 54 19 00-0049	EA		6" Diameter, Seamless Heavy-Duty Aluminum Roof Drain (Sika Sarnafil® Sarnadrain With U-Flow®).....	1,080.05	205.21
07 54 19 00-0050	EA		Inside Corner, Prefabricated Polyvinyl Chloride (PVC) Membrane Flashing (Sika Sarnafil® Sarnacomers - Inside).....	21.69	
07 54 19 00-0051	EA		Outside Corner, Prefabricated Polyvinyl Chloride (PVC) Membrane Flashing (Sika Sarnafil® Sarnacomers - Outside).....	21.69	
07 54 19 00-0052	SQ		9 OZ/SY, Protective Polypropylene Fabric Separation Layer (Sika Sarnafil® Sarnafelt NWP), Loose Laid.....	50.37	
07 54 19 00-0053	SQ		11 OZ/SY, Protective Polypropylene Fabric Separation Layer (Sika Sarnafil® Sarnafelt), Loose Laid.....	77.85	
07 54 19 00-0054	SQ		10 Mil, Low Density Polyethylene, Vapor/Air Barrier Sheet (Sika Sarnafil® Sarnavap - 10), Loose Laid.....	44.14	
07 54 19 00-0055	SQ		32 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Vapor/Air Barrier Sheet (Sika Sarnafil® Sarnavap Self-Adhered), Self-Adhering.....	122.77	
07 54 19 00-0056			Snap-On Cover Fascia (Sika Sarnafil® Edge Grip) (07 54 19 00-0025)		
07 54 19 00-0057			Aluminum Snap-On Cover Fascia System With Continuous Retainer Bar (Sika Sarnafil® Edge Grip) (07 54 19 00-0056)		
07 54 19 00-0058			Mill Finish, Aluminum Snap-On Cover Fascia System With Continuous Retainer Bar (Sika Sarnafil® Edge Grip) (07 54 19 00-0057)		
07 54 19 00-0059			Mill Finish, Aluminum Snap-On Cover Fascia System With Continuous Retainer Bar (Sika Sarnafil® Edge Grip) (07 54 19 00-0058)		
07 54 19 00-0060	LF		8.25" Face Height, Mill Finish, Aluminum Snap-On Cover Fascia System With Continuous Retainer Bar (Sika Sarnafil® Edge Grip).....	17.72	3.09
07 54 19 00-0061			Accessories For Mill Finish, Aluminum Snap-On Cover Fascia Systems (07 54 19 00-0059)		
07 54 19 00-0062	EA		Fascia Overflow Scupper For 8.25" Face Height, Mill Finish, Aluminum Snap-On Cover Fascia Systems (Sika Sarnafil® Edge Grip).....	107.64	11.47
07 54 19 00-0063	EA		Fascia Spillout Scupper For 8.25" Face Height, Mill Finish, Aluminum Snap-On Cover Fascia Systems (Sika Sarnafil® Edge Grip).....	107.64	11.47
07 54 19 00-0064	EA		Fascia Downspout Scupper For 8.25" Face Height, Mill Finish, Aluminum Snap-On Cover Fascia Systems (Sika Sarnafil® Edge Grip).....	130.68	11.47
07 54 19 00-0065	EA		Inside/Outside Miter For 8.25" Face Height, Mill Finish, Aluminum Snap-On Cover Fascia Systems (Sika Sarnafil® Edge Grip).....	48.97	3.09
07 54 19 00-0066			KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Retainer Bar (Sika Sarnafil® Edge Grip) (07 54 19 00-0057)		

07 Thermal And Moisture Protection**07 50 Membrane Roofing****07 54 Thermoplastic Membrane Roofing**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

07 54 19 00-0067		KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Retainer Bar (Sika Sarnafil® Edge Grip) (07 54 19 00-0066)		
07 54 19 00-0068	LF	8.25" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Retainer Bar (Sika Sarnafil® Edge Grip)	20.38	3.09
07 54 19 00-0069		Accessories For KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems (07 54 19 00-0066)		
07 54 19 00-0070	EA	Fascia Overflow Scupper For 8.25" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems (Sika Sarnafil® Edge Grip)	112.96	11.47
07 54 19 00-0071	EA	Fascia Spillout Scupper For 8.25" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems (Sika Sarnafil® Edge Grip)	112.96	11.47
07 54 19 00-0072	EA	Fascia Downspout Scupper For 8.25" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems (Sika Sarnafil® Edge Grip)	141.32	11.47
07 54 19 00-0073	EA	Inside/Outside Miter For 8.25" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems (Sika Sarnafil® Edge Grip)	54.30	3.09
07 54 19 00-0074		Galvanized Steel Snap-On Cover Fascia System With Continuous Retainer Bar (Sika Sarnafil® Edge Grip) (07 54 19 00-0066)		
07 54 19 00-0075		KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia System With Continuous Retainer Bar (Sika Sarnafil® Edge Grip) (07 54 19 00-0074)		
07 54 19 00-0076		KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia System With Continuous Retainer Bar (Sika Sarnafil® Edge Grip) (07 54 19 00-0075)		
07 54 19 00-0077	LF	8.25" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia System With Continuous Retainer Bar (Sika Sarnafil® Edge Grip)	18.34	3.09
07 54 19 00-0078		Accessories For KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems (Sika Sarnafil® Edge Grip) (07 54 19 00-0075)		
07 54 19 00-0079	EA	Fascia Overflow Scupper For 8.25" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems (Sika Sarnafil® Edge Grip)	108.87	11.47
07 54 19 00-0080	EA	Fascia Spillout Scupper For 8.25" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems (Sika Sarnafil® Edge Grip)	108.87	11.47
07 54 19 00-0081	EA	Fascia Downspout Scupper For 8.25" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems (Sika Sarnafil® Edge Grip)	133.14	11.47
07 54 19 00-0082	EA	Inside/Outside Miter For 8.25" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems (Sika Sarnafil® Edge Grip)	50.20	3.09
07 54 23		Thermoplastic-Polyolefin Roofing (07 54)		
07 54 23 00-0001		Thermoplastic Polyolefin (TPO) Roofing Membranes (07 54 23)		
		Note: Includes polyester fabric reinforcement and hot air welding of seams.		
07 54 23 00-0002	SQ	45 Mil, Single Ply TPO Roofing Membrane, Fully Adhered.....	441.06	86.55
		Note: Includes adhesive.		
		For Up To 10, Add	122.83	
		For >10 To 20, Add	70.07	
		For >20 To 40, Add	39.36	
		For >75 To 100, Deduct	-19.68	
		For >100 To 200, Deduct	-43.69	
		For >200, Deduct	-63.37	
		For 15 Year Warranty, Add	3.00	
		For Low VOC Adhesive, Add	63.55	
		For Integral Polyester Fleece-Backing, Add	33.25	
07 54 23 00-0003	SQ	50 Mil, Single Ply TPO Roofing Membrane, Fully Adhered.....	461.81	87.90
		Note: Includes adhesive.		
		For Up To 10, Add	127.52	
		For >10 To 20, Add	72.55	
		For >20 To 40, Add	40.67	
		For >75 To 100, Deduct	-20.34	
		For >100 To 200, Deduct	-45.07	
		For >200, Deduct	-65.40	
		For 15 Year Warranty, Add	3.00	
		For 20 Year Warranty, Add	7.00	
		For 25 Year Warranty, Add	9.00	
		For Low VOC Adhesive, Add	63.55	
		For Integral Polyester Fleece-Backing, Add	33.25	
07 54 23 00-0004	SQ	60 Mil, Single Ply TPO Roofing Membrane, Fully Adhered.....	472.55	89.25
		Note: Includes adhesive.		
		For Up To 10, Add	130.21	
		For >10 To 20, Add	74.03	
		For >20 To 40, Add	41.48	
		For >75 To 100, Deduct	-20.74	
		For >100 To 200, Deduct	-45.94	
		For >200, Deduct	-66.68	
		For 15 Year Warranty, Add	3.00	
		For 20 Year Warranty, Add	7.00	
		For 25 Year Warranty, Add	9.00	
		For Low VOC Adhesive, Add	63.55	
		For Integral Polyester Fleece-Backing, Add	33.25	



Thermal And Moisture Protection			07
Membrane Roofing			07 50
Thermoplastic Membrane Roofing			07 54

MINOR		DESCRIPTION	TOTAL DIRECT		DEMOLITION
CSI	UOM		UNIT COST	UNIT COST	
07 54 23 00-0005	SQ	80 Mil, Single Ply TPO Roofing Membrane, Fully Adhered	612.00		91.96
		Note: Includes adhesive.			
		For Up To 10, Add	159.18		
		For >10 To 20, Add	88.79		
		For >20 To 40, Add	48.99		
		For >75 To 100, Deduct	-24.50		
		For >100 To 200, Deduct	-53.59		
		For >200, Deduct	-78.09		
		For 15 Year Warranty, Add	3.00		
		For 20 Year Warranty, Add	7.00		
		For 25 Year Warranty, Add	9.00		
		For Low VOC Adhesive, Add	63.55		
		For Integral Polyester Fleece-Backing, Add	33.25		
07 54 23 00-0006	SQ	45 Mil, Single Ply TPO Roofing Membrane, Mechanically Fastened	293.02		64.91
		Note: Includes fasteners.			
		For Up To 10, Add	84.57		
		For >10 To 20, Add	48.78		
		For >20 To 40, Add	27.63		
		For >75 To 100, Deduct	-13.82		
		For >100 To 200, Deduct	-30.88		
		For >200, Deduct	-44.70		
		For 15 Year Warranty, Add	3.00		
		For Integral Polyester Fleece-Backing, Add	33.25		
		For Mechanically Fastened To Concrete Decks, Add	32.46		
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	33.74		
07 54 23 00-0007	SQ	50 Mil, Single Ply TPO Roofing Membrane, Mechanically Fastened	313.78		66.26
		Note: Includes fasteners.			
		For Up To 10, Add	89.26		
		For >10 To 20, Add	51.26		
		For >20 To 40, Add	28.94		
		For >75 To 100, Deduct	-14.47		
		For >100 To 200, Deduct	-32.26		
		For >200, Deduct	-46.73		
		For 15 Year Warranty, Add	3.00		
		For 20 Year Warranty, Add	7.00		
		For 25 Year Warranty, Add	9.00		
		For Integral Polyester Fleece-Backing, Add	33.25		
		For Mechanically Fastened To Concrete Decks, Add	33.13		
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	34.41		
07 54 23 00-0008	SQ	60 Mil, Single Ply TPO Roofing Membrane, Mechanically Fastened	324.52		67.62
		Note: Includes fasteners.			
		For Up To 10, Add	91.95		
		For >10 To 20, Add	52.74		
		For >20 To 40, Add	29.75		
		For >75 To 100, Deduct	-14.87		
		For >100 To 200, Deduct	-33.13		
		For >200, Deduct	-48.00		
		For 15 Year Warranty, Add	3.00		
		For 20 Year Warranty, Add	7.00		
		For 25 Year Warranty, Add	9.00		
		For Integral Polyester Fleece-Backing, Add	33.25		
		For Mechanically Fastened To Concrete Decks, Add	33.81		
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	35.09		
07 54 23 00-0009	SQ	80 Mil, Single Ply TPO Roofing Membrane, Mechanically Fastened	463.97		70.32
		Note: Includes fasteners.			
		For Up To 10, Add	120.92		
		For >10 To 20, Add	67.49		
		For >20 To 40, Add	37.26		
		For >75 To 100, Deduct	-18.63		
		For >100 To 200, Deduct	-40.78		
		For >200, Deduct	-59.41		
		For 15 Year Warranty, Add	3.00		
		For 20 Year Warranty, Add	7.00		
		For 25 Year Warranty, Add	9.00		
		For Integral Polyester Fleece-Backing, Add	33.25		
		For Mechanically Fastened To Concrete Decks, Add	35.16		
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	36.44		
07 54 23 00-0010		Thermoplastic Polyolefin (TPO) Roofing Membrane Accessories (07 54 23)			
07 54 23 00-0011	SQ	Acrylic, Thermoplastic Polyolefin (TPO) Roofing Primer, Price Per Coat	84.64		
		For Up To 10, Add	21.26		
		For >10 To 20, Add	11.71		
		For >20 To 40, Add	6.40		
		For >75 To 100, Deduct	-3.20		
		For >100 To 200, Deduct	-6.94		
		For >200, Deduct	-10.14		
07 54 23 00-0012	SQ	Acrylic Elastomeric, Surface Or Base Coating For TPO Roofing, Price Per Coat.....	73.53		
		Note: 55% solids by volume.			
		For Up To 10, Add	19.03		
		For >10 To 20, Add	10.60		
		For >20 To 40, Add	5.84		
		For >75 To 100, Deduct	-2.92		
		For >100 To 200, Deduct	-6.38		
		For >200, Deduct	-9.30		
		For Tan Or Gray Color, Add	2.59		

07 Thermal And Moisture Protection**07 50 Membrane Roofing****07 54 Thermoplastic Membrane Roofing**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 54 23 00-0013	EA	Up To 3" Pipe Diameter, Prefabricated Thermoplastic Polyolefin Pipe Cone/Boot.....	63.95	9.19
		Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.		
07 54 23 00-0014	EA	>3" To 8" Pipe Diameter, Prefabricated Thermoplastic Polyolefin Pipe Cone/Boot.....	69.00	10.28
		Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.		
07 54 23 00-0015	EA	6" Diameter, Prefabricated TPO Penetration Pocket.....	127.19	11.36
		Note: Includes attaching the pocket to the membrane, sealing around the penetration and filling the pocket with pourable sealer.		
07 54 23 00-0016	LF	30" Wide, TPO Walkway Protection Pad.....	29.34	6.28
07 54 23 00-0017	SF	Thermoplastic Polyolefin Membrane Base Flashing.....	8.20	1.62
07 54 23 00-0018	SF	Thermoplastic Polyolefin Curb Flashing.....	7.00	1.62
		For Tan Or Gray Color, Add.....	0.11	
07 54 23 00-0019	SF	Thermoplastic Polyolefin Clad Edge Metal Or Base Flashing.....	12.07	1.62
		Note: 20 Mil TPO membrane laminated to 24 gauge galvanized steel.		

07 56 Fluid-Applied Roofing (07 50)

07 56 00 00-0001		Neoprene Hypalon Liquid Roofing, 5 Coats (07 56)		
07 56 00 00-0002	SQ	60 Mil 5 Coat Spray-on Neoprene Hypalon Liquid Roofing.....	1,041.58	144.45
		For Each Additional Coat, Add.....	156.24	
07 56 00 00-0003		Vinyl Spray Liquid Roofing (07 56)		
07 56 00 00-0004	SQ	2 Mil Vinyl Liquid Roofing.....	1,242.23	152.24
07 56 00 00-0005	SQ	4 Mil Vinyl Liquid Roofing.....	1,390.18	170.02
07 56 00 00-0006		Silicone Elastomeric Liquid Roofing (07 56)		
07 56 00 00-0007	SQ	65% Solids, Silicone Elastomeric Spray-on Roofing, 3 Coats, 16 Mil Per Coat.....	445.80	87.23
07 56 00 00-0008	SQ	65% Solids, Silicone Elastomeric Rolled-on Roofing, 3 Coats, 16 Mil Per Coat.....	530.34	87.23
07 56 00 00-0009	SQ	65% Solids, Silicone Elastomeric Brushed-on Roofing, 3 Coats, 16 Mil Per Coat.....	593.93	87.23
07 56 00 00-0010		Elastomeric Asphalt/Urethane Liquid Roofing Membrane (07 56)		
07 56 00 00-0011	SQ	90 Mil, Elastomeric Asphalt/Urethane Liquid Roofing Membrane.....	1,782.14	87.23
		Note: Includes applying a 30 mil base coat, rolling in a stitchbonded polyester reinforcing scrim and applying a 60 mil second coat.		
07 56 00 00-0012		Urethane Liquid Roofing Membrane (07 56)		
		Note: Garland White Knight Energy Star single component urethane restoration system. 10 year warranty. Used for restoration of membrane, built up, metal and modified roofing systems.		
07 56 00 00-0013	SQ	Ulti-Mat™ 38" Non-Woven Fiberglass Reinforcing Membrane For White-Knight Systems.....	97.61	
07 56 00 00-0014	LF	Ulti-Mat™ 6" Non-Woven Fiberglass Reinforcing Membrane For White-Knight Systems.....	5.18	
07 56 00 00-0015	SQ	White-Knight® Premium Multi-Purpose Urethane Restoration Reflective Coating For Metal, Membrane, BUR, Single-Ply (2 GAL/SQ).....	372.64	
07 56 00 00-0016	SQ	White-Knight® Metal Primer One Component Metal Primer For Placement Under The White-Knight System.....	95.77	
07 56 00 00-0017	SQ	White-Knight® Plus High Strength, Multi-Purpose Urethane Restoration Coating For Metal, Membrane, BUR, Single-Ply.....	920.77	
07 56 00 00-0018	SQ	White-Knight® Plus Base Coat High Strength, Multi-Purpose Urethane Restoration Coating For Metal, Membrane, BUR, Single-Ply.....	1,393.04	
07 56 00 00-0019	SQ	White-Knight® Plus WC High Strength, Multi-Purpose, VOC Compliant, Urethane Restoration Coating For Metal, Membrane, BUR, Single-Ply.....	952.62	
07 56 00 00-0020	SQ	White-Star Premium, White Polyurea Restoration Adhesive For Mineral And Smooth Modified And BUR (2 GAL/SQ).....	245.03	

07 57 Coated Foamed Roofing (07 50)**07 57 13 Sprayed Polyurethane Foam Roofing** (07 57)

Note: Includes power washing. Excludes ballast removal and priming metal surfaces. Excludes walkways.

07 57 13 00-0001		Sprayed Polyurethane Foam Roofing Systems (07 57 13)		
07 57 13 00-0002		Sprayed Polyurethane Foam Roofing Systems With Acrylic Elastomeric Coating (07 57 13 00-0001)		
07 57 13 00-0003		Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating (07 57 13 00-0002)		
		Note: Includes UL 790 fire rated 2.8 LB density polyurethane foam roofing system with acrylic elastomeric coating. Includes 5 year warranty.		
07 57 13 00-0004	SQ	1" Thick, R6.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating.....	366.97	53.51
07 57 13 00-0005	SQ	1-1/2" Thick, R9.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating.....	441.21	57.32
07 57 13 00-0006	SQ	2" Thick, R13.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating.....	515.44	61.15
07 57 13 00-0007	SQ	2-1/2" Thick, R16.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating.....	597.10	64.97
07 57 13 00-0008	SQ	3" Thick, R19.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating.....	678.77	68.79



Thermal And Moisture Protection			07
Membrane Roofing			07 50
Coated Foamed Roofing			07 57

07

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 57 13 00-0009	SQ	3-1/2" Thick, R22.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating	745.57	72.61
07 57 13 00-0010	SQ	4" Thick, R26.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating	812.35	76.43
07 57 13 00-0011	SQ	4-1/2" Thick, R29.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating	886.58	80.26
07 57 13 00-0012	SQ	5" Thick, R32.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating	960.82	84.08
07 57 13 00-0013	SQ	5-1/2" Thick, R35.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating	1,035.04	87.91
07 57 13 00-0014	SQ	6" Thick, R39.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating	1,109.28	91.72
07 57 13 00-0015		Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating (07 57 13 00-0002) Note: Includes UL 790 fire rated 2.8 LB density polyurethane foam roofing system with acrylic elastomeric coating. Includes 10 year warranty.		
07 57 13 00-0016	SQ	1" Thick, R6.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	378.53	53.51
07 57 13 00-0017	SQ	1-1/2" Thick, R9.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	452.77	57.32
07 57 13 00-0018	SQ	2" Thick, R13.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	527.00	61.15
07 57 13 00-0019	SQ	2-1/2" Thick, R16.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	601.23	64.97
07 57 13 00-0020	SQ	3" Thick, R19.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	675.46	68.79
07 57 13 00-0021	SQ	3-1/2" Thick, R22.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	749.70	72.61
07 57 13 00-0022	SQ	4" Thick, R26.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	823.91	76.43
07 57 13 00-0023	SQ	4-1/2" Thick, R29.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	898.15	80.26
07 57 13 00-0024	SQ	5" Thick, R32.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	972.38	84.08
07 57 13 00-0025	SQ	5-1/2" Thick, R35.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	1,046.61	87.91
07 57 13 00-0026	SQ	6" Thick, R39.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	1,120.84	91.72
07 57 13 00-0027		Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating (07 57 13 00-0002) Note: Includes UL 790 fire rated 2.8 LB density polyurethane foam roofing system with acrylic elastomeric coating. Includes 15 year warranty.		
07 57 13 00-0028	SQ	1" Thick, R6.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	406.61	53.51
07 57 13 00-0029	SQ	1-1/2" Thick, R9.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	478.37	57.32
07 57 13 00-0030	SQ	2" Thick, R13.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	550.13	61.15
07 57 13 00-0031	SQ	2-1/2" Thick, R16.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	624.35	64.97
07 57 13 00-0032	SQ	3" Thick, R19.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	698.59	68.79
07 57 13 00-0033	SQ	3-1/2" Thick, R22.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	803.71	72.61
07 57 13 00-0034	SQ	4" Thick, R26.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	908.81	76.43
07 57 13 00-0035	SQ	4-1/2" Thick, R29.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	989.32	80.26
07 57 13 00-0036	SQ	5" Thick, R32.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	1,069.83	84.08
07 57 13 00-0037	SQ	5-1/2" Thick, R35.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	1,150.33	87.91
07 57 13 00-0038	SQ	6" Thick, R39.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	1,230.84	91.72
07 57 13 00-0039		Sprayed Polyurethane Foam Roofing Systems With Silicone Elastomeric Coating (07 57 13 00-0001)		
07 57 13 00-0040		Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating (07 57 13 00-0039) Note: Includes UL 790 fire rated 2.8 LB density polyurethane foam roofing system with 65% solids silicone elastomeric coating. Includes 5 year warranty.		
07 57 13 00-0041	SQ	1" Thick, R6.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating	414.87	53.51
07 57 13 00-0042	SQ	1-1/2" Thick, R9.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating	495.38	57.32
07 57 13 00-0043	SQ	2" Thick, R13.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating	575.89	61.15

07 Thermal And Moisture Protection**07 50 Membrane Roofing****07 57 Coated Foamed Roofing**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 57 13 00-0044	SQ	2-1/2" Thick, R16.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating.....	656.39	64.97
07 57 13 00-0045	SQ	3" Thick, R19.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating.....	736.91	68.79
07 57 13 00-0046	SQ	3-1/2" Thick, R22.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating.....	817.42	72.61
07 57 13 00-0047	SQ	4" Thick, R26.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating.....	897.91	76.43
07 57 13 00-0048	SQ	4-1/2" Thick, R29.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating.....	978.42	80.26
07 57 13 00-0049	SQ	5" Thick, R32.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating.....	1,058.93	84.08
07 57 13 00-0050	SQ	5-1/2" Thick, R35.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating.....	1,139.43	87.91
07 57 13 00-0051	SQ	6" Thick, R39.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating.....	1,219.94	91.72

07 57 13 00-0052 Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating

(07 57 13 00-0039)

Note: Includes UL 790 fire rated 2.8 LB density polyurethane foam roofing system with 65% solids silicone elastomeric coating. Includes 10 year warranty.

07 57 13 00-0053	SQ	1" Thick, R6.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating.....	431.22	53.51
07 57 13 00-0054	SQ	1-1/2" Thick, R9.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating.....	511.73	57.32
07 57 13 00-0055	SQ	2" Thick, R13.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating.....	592.25	61.15
07 57 13 00-0056	SQ	2-1/2" Thick, R16.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating.....	672.75	64.97
07 57 13 00-0057	SQ	3" Thick, R19.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating.....	753.26	68.79
07 57 13 00-0058	SQ	3-1/2" Thick, R22.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating.....	833.77	72.61
07 57 13 00-0059	SQ	4" Thick, R26.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating.....	914.26	76.43
07 57 13 00-0060	SQ	4-1/2" Thick, R29.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating.....	994.77	80.26
07 57 13 00-0061	SQ	5" Thick, R32.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating.....	1,075.28	84.08
07 57 13 00-0062	SQ	5-1/2" Thick, R35.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating.....	1,155.78	87.91
07 57 13 00-0063	SQ	6" Thick, R39.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating.....	1,236.29	91.72

07 57 13 00-0064 Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating

(07 57 13 00-0039)

Note: Includes UL 790 fire rated 2.8 LB density polyurethane foam roofing system with 65% solids silicone elastomeric coating. Includes 15 year warranty.

07 57 13 00-0065	SQ	1" Thick, R6.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating.....	443.94	53.51
07 57 13 00-0066	SQ	1-1/2" Thick, R9.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating.....	524.45	57.32
07 57 13 00-0067	SQ	2" Thick, R13.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating.....	604.96	61.15
07 57 13 00-0068	SQ	2-1/2" Thick, R16.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating.....	685.46	64.97
07 57 13 00-0069	SQ	3" Thick, R19.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating.....	765.98	68.79
07 57 13 00-0070	SQ	3-1/2" Thick, R22.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating.....	846.49	72.61
07 57 13 00-0071	SQ	4" Thick, R26.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating.....	926.98	76.43
07 57 13 00-0072	SQ	4-1/2" Thick, R29.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating.....	1,007.49	80.26
07 57 13 00-0073	SQ	5" Thick, R32.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating.....	1,088.00	84.08
07 57 13 00-0074	SQ	5-1/2" Thick, R35.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating.....	1,168.50	87.91
07 57 13 00-0075	SQ	6" Thick, R39.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating.....	1,249.01	91.72

07 58 Roll Roofing (07 50)**07 58 00 00-0001****Prepared Roll Roofing** (07 58)

Note: Fastened with roofing nails and roofing cement. Includes fasteners and adhesive. Excludes warranty. See CSI section 07 51 13 00-0033 for underlayment.

07 58 00 00-0002	SQ	Granule Surfaced, 90 LB, Asphalt Saturated Organic Felt Roll Roofing.....	251.42	34.40



Thermal And Moisture Protection			07
Membrane Roofing			07 50
Membrane Roofing Termination Bar			07 59

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 59			Membrane Roofing Termination Bar (07 50)		
07 59 00 00-0001			Membrane Roofing Termination Bar (07 59)		
07 59 00 00-0002	LF		Membrane Roofing Termination Bar..... Note: Includes fasteners and caulking.	4.97	1.56
07 60			Flashing and Sheet Metal (07)		
07 61			Sheet Metal Roofing (07 60)		
07 61 13			Standing Seam Sheet Metal Roofing (07 61)		
07 61 13 00-0001			Standing Seam Concealed Fastener Roofing (07 61 13)		
07 61 13 00-0002			Copper Standing Seam Concealed Fastener Roofing (07 61 13 00-0001)		
07 61 13 00-0003	SF		Architectural 16 Ounce Copper Standing Seam Concealed Fastener Roofing..... For Steep Roof, Over 6 To 12, Add For 140 MPH Wind Load, Add For Up To 1,500, Add For Panels < 16" Wide, Add For Up To 5000, Add For > 5000 To 10000, Add	34.72 1.99 1.22 8.68 2.96 3.47 0.87	3.32
07 61 13 00-0004	SF		Architectural 18 Ounce Copper Standing Seam Concealed Fastener Roofing..... For Steep Roof, Over 6 To 12, Add For Panels < 16" Wide, Add For 140 MPH Wind Load, Add For Up To 1,500, Add For > 1,500 To 5,000, Add For > 5,000 To 10,000, Add For Panels < 16" Wide, Add For Up To 5000, Add For > 5000 To 10000, Add	38.02 2.16 3.23 1.34 9.51 5.70 0.95 3.23 3.80 0.95	3.60
07 61 13 00-0005	SF		Architectural 20 Ounce Copper Standing Seam Concealed Fastener Roofing..... For Steep Roof, Over 6 To 12, Add For 140 MPH Wind Load, Add For Up To 1,500, Add For Panels < 16" Wide, Add For Up To 5000, Add For > 5000 To 10000, Add	44.83 2.35 1.52 11.21 3.69 4.48 1.12	3.92
07 61 13 00-0006			Zinc/Copper Standing Seam Concealed Fastener Roofing (07 61 13 00-0001)		
07 61 13 00-0007	SF		0.020" Thick, Zinc/Copper Standing Seam Concealed Fastener Roofing..... For Steep Roof, Over 6 To 12, Add For Panels < 16" Wide, Add For 140 MPH Wind Load, Add For Up To 1,500, Add For > 1,500 To 5,000, Add For > 5,000 To 10,000, Add For Tin/Copper, Deduct	40.62 2.16 3.36 1.39 10.16 6.09 1.02 -0.67	3.60
07 61 13 00-0008	SF		0.027" Thick, Zinc/Copper Standing Seam Concealed Fastener Roofing..... For Steep Roof, Over 6 To 12, Add For Panels < 16" Wide, Add For 140 MPH Wind Load, Add For Up To 1,500, Add For > 1,500 To 5,000, Add For > 5,000 To 10,000, Add For Tin/Copper, Deduct	49.29 2.25 3.85 1.59 12.32 7.39 1.23 -0.84	3.75
07 61 13 00-0009	SF		0.032" Thick, Zinc/Copper Standing Seam Concealed Fastener Roofing..... For Steep Roof, Over 6 To 12, Add For Panels < 16" Wide, Add For 140 MPH Wind Load, Add For Up To 1,500, Add For > 1,500 To 5,000, Add For > 5,000 To 10,000, Add For Tin/Copper, Deduct	56.07 2.35 4.25 1.75 14.02 8.41 1.40 -0.96	3.92
07 61 13 00-0010	SF		0.040" Thick, Zinc/Copper Standing Seam Concealed Fastener Roofing..... For Steep Roof, Over 6 To 12, Add For Panels < 16" Wide, Add For 140 MPH Wind Load, Add For Up To 1,500, Add For > 1,500 To 5,000, Add For > 5,000 To 10,000, Add For Tin/Copper, Deduct	70.41 2.46 5.04 2.07 17.60 10.56 1.76 -1.24	4.11
07 61 13 00-0011			Accessories For Copper Standing Seam Concealed Fastener Roofing (07 61 13 00-0001)		
07 61 13 00-0012	LF		Ridge Flashing For Copper Standing Seam Concealed Fastener Roofing..... For Steep Roof, Over 6 To 12, Add For 140 MPH Wind Load, Add	146.50 5.14 4.30	6.86
07 61 13 00-0013	LF		Eave Flashing For Copper Standing Seam Concealed Fastener Roofing..... For Steep Roof, Over 6 To 12, Add For 140 MPH Wind Load, Add	83.85 5.14 3.05	6.86

07 Thermal And Moisture Protection**07 60 Flashing and Sheet Metal****07 61 Sheet Metal Roofing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 61 13 00-0014	LF		Valley Flashing For Copper Standing Seam Concealed Fastener Roofing.....	205.73	6.86
			For Steep Roof, Over 6 To 12, Add	5.14	
			For 140 MPH Wind Load, Add	5.49	
07 61 13 00-0015	LF		Hip Flashing For Copper Standing Seam Concealed Fastener Roofing.....	151.18	6.86
			For Steep Roof, Over 6 To 12, Add	5.14	
			For 140 MPH Wind Load, Add	4.39	
07 61 16 Batten Seam Sheet Metal Roofing (07 61)					
07 61 16 00-0001			Copper Batten Seam Concealed Fastener Roofing (07 61 16)		
07 61 16 00-0002			Copper Batten Seam Concealed Fastener Roofing (07 61 16 00-0001)		
07 61 16 00-0003	SF		16 Ounce Copper Batten Seam Concealed Fastener Roofing	42.78	3.92
			For Steep Roof, Over 6 To 12, Add	2.35	
			For Panels <16" Wide, Add	3.59	
			For 140 MPH Wind Load, Add	1.48	
			For Up To 1,500, Add	10.70	
			For >1,500 To 5,000, Add	6.42	
			For >5,000 To 10,000, Add	1.07	
07 61 16 00-0004	SF		18 Ounce Copper Batten Seam Concealed Fastener Roofing	47.29	4.12
			For Steep Roof, Over 6 To 12, Add	2.47	
			For Panels <16" Wide, Add	3.89	
			For 140 MPH Wind Load, Add	1.61	
			For Up To 1,500, Add	11.82	
			For >1,500 To 5,000, Add	7.09	
			For >5,000 To 10,000, Add	1.18	
07 61 16 00-0005	SF		20 Ounce Copper Batten Seam Concealed Fastener Roofing	55.21	4.32
			For Steep Roof, Over 6 To 12, Add	2.59	
			For Panels <16" Wide, Add	4.36	
			For 140 MPH Wind Load, Add	1.79	
			For Up To 1,500, Add	13.80	
			For >1,500 To 5,000, Add	8.28	
			For >5,000 To 10,000, Add	1.38	
07 61 16 00-0006			Zinc/Copper Batten Seam Concealed Fastener Roofing (07 61 16 00-0001)		
07 61 16 00-0007	SF		0.020" Thick, Zinc/Copper Batten Seam Concealed Fastener Roofing	43.50	3.60
			For Steep Roof, Over 6 To 12, Add	2.16	
			For Panels <16" Wide, Add	3.51	
			For 140 MPH Wind Load, Add	1.45	
			For Up To 1,500, Add	10.88	
			For >1,500 To 5,000, Add	6.53	
			For >5,000 To 10,000, Add	1.09	
			For Tin/Copper, Deduct	-0.73	
07 61 16 00-0008	SF		0.027" Thick, Zinc/Copper Batten Seam Concealed Fastener Roofing	53.41	3.75
			For Steep Roof, Over 6 To 12, Add	2.25	
			For Panels <16" Wide, Add	4.06	
			For 140 MPH Wind Load, Add	1.67	
			For Up To 1,500, Add	13.35	
			For >1,500 To 5,000, Add	8.01	
			For >5,000 To 10,000, Add	1.34	
			For Tin/Copper, Deduct	-0.92	
07 61 16 00-0009	SF		0.032" Thick, Zinc/Copper Batten Seam Concealed Fastener Roofing	59.90	3.92
			For Steep Roof, Over 6 To 12, Add	2.35	
			For Panels <16" Wide, Add	4.45	
			For 140 MPH Wind Load, Add	1.83	
			For Up To 1,500, Add	14.98	
			For >1,500 To 5,000, Add	8.99	
			For >5,000 To 10,000, Add	1.50	
			For Tin/Copper, Deduct	-1.04	
07 61 16 00-0010	SF		0.040" Thick, Zinc/Copper Batten Seam Concealed Fastener Roofing	75.34	4.11
			For Steep Roof, Over 6 To 12, Add	2.46	
			For Panels <16" Wide, Add	5.29	
			For 140 MPH Wind Load, Add	2.16	
			For Up To 1,500, Add	18.84	
			For >1,500 To 5,000, Add	11.30	
			For >5,000 To 10,000, Add	1.88	
			For Tin/Copper, Deduct	-1.34	
07 61 19 Flat Seam Sheet Metal Roofing (07 61)					
07 61 19 00-0001			Copper Flat Seam Concealed Fastener Roofing (07 61 19)		
07 61 19 00-0002			Copper Flat Seam Concealed Fastener Roofing (07 61 19 00-0001)		
07 61 19 00-0003	SF		16 Ounce Copper Flat Seam Concealed Fastener Roofing.....	32.95	3.60
			For Steep Roof, Over 6 To 12, Add	2.16	
			For Panels <16" Wide, Add	2.98	
			For 140 MPH Wind Load, Add	1.23	
			For Up To 1,500, Add	8.24	
			For >1,500 To 5,000, Add	4.94	
			For >5,000 To 10,000, Add	0.82	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 61 19 00-0004	SF		18 Ounce Copper Flat Seam Concealed Fastener Roofing.....	36.28	3.75
			For Steep Roof, Over 6 To 12, Add	2.25	
			For Panels <16" Wide, Add	3.20	
			For 140 MPH Wind Load, Add	1.33	
			For Up To 1,500, Add	9.07	
			For >1,500 To 5,000, Add	5.44	
			For >5,000 To 10,000, Add	0.91	
07 61 19 00-0005	SF		20 Ounce Copper Flat Seam Concealed Fastener Roofing.....	42.09	3.92
			For Steep Roof, Over 6 To 12, Add	2.35	
			For Panels <16" Wide, Add	3.55	
			For 140 MPH Wind Load, Add	1.47	
			For Up To 1,500, Add	10.52	
			For >1,500 To 5,000, Add	6.31	
			For >5,000 To 10,000, Add	1.05	
07 61 19 00-0006			Zinc/Copper Flat Seam Concealed Fastener Roofing (07 61 19 00-0001)		
07 61 19 00-0007	SF		0.020" Thick, Zinc/Copper Flat Seam Concealed Fastener Roofing.....	38.02	3.60
			For Steep Roof, Over 6 To 12, Add	2.16	
			For Panels <16" Wide, Add	3.23	
			For 140 MPH Wind Load, Add	1.34	
			For Up To 1,500, Add	9.51	
			For >1,500 To 5,000, Add	5.70	
			For >5,000 To 10,000, Add	0.95	
			For Tin/Copper, Deduct	-0.62	
07 61 19 00-0008	SF		0.027" Thick, Zinc/Copper Flat Seam Concealed Fastener Roofing.....	46.56	3.75
			For Steep Roof, Over 6 To 12, Add	2.25	
			For Panels <16" Wide, Add	3.72	
			For 140 MPH Wind Load, Add	1.53	
			For Up To 1,500, Add	11.64	
			For >1,500 To 5,000, Add	6.98	
			For >5,000 To 10,000, Add	1.16	
			For Tin/Copper, Deduct	-0.78	
07 61 19 00-0009	SF		0.032" Thick, Zinc/Copper Flat Seam Concealed Fastener Roofing.....	52.37	3.92
			For Steep Roof, Over 6 To 12, Add	2.35	
			For Panels <16" Wide, Add	4.07	
			For 140 MPH Wind Load, Add	1.67	
			For Up To 1,500, Add	13.09	
			For >1,500 To 5,000, Add	7.86	
			For >5,000 To 10,000, Add	1.31	
			For Tin/Copper, Deduct	-0.89	
07 61 19 00-0010	SF		0.040" Thick, Zinc/Copper Flat Seam Concealed Fastener Roofing.....	65.75	4.11
			For Steep Roof, Over 6 To 12, Add	2.46	
			For Panels <16" Wide, Add	4.81	
			For 140 MPH Wind Load, Add	1.97	
			For Up To 1,500, Add	16.44	
			For >1,500 To 5,000, Add	9.86	
			For >5,000 To 10,000, Add	1.64	
			For Tin/Copper, Deduct	-1.15	
07 62			Sheet Metal Flashing and Trim (07 60)		
07 62 13			Fabricated Copings (07 62)		
07 62 13 00-0001			Lead Flashing And Trim (07 62 13)		
07 62 13 00-0002	SF		2.5 LB/SF Sheet Lead Flashing.....	23.10	5.34
			For Up To 100, Add	5.78	
07 62 13 00-0003	SF		4 LB/SF Sheet Lead Flashing.....	30.41	5.34
			For Up To 100, Add	7.60	
07 62 13 00-0004			Copper Flashing And Trim (07 62 13)		
07 62 13 00-0005			Copper Flashing And Trim (07 62 13 00-0004)		
07 62 13 00-0006	SF		16 Ounce, 0.021" Thick, Copper Flashing And Trim.....	30.75	5.21
			For Up To 100, Add	7.69	
			For >500 To 2,000, Deduct	-4.20	
			For >2,000, Deduct	-5.23	
			For Copper Valley For Steep Slope Roofing, Over 7 To 12, Add	2.06	
			For Wrap Around Window Panning, Add	10.31	
07 62 13 00-0007	SF		20 Ounce, 0.027" Thick, Copper Flashing And Trim.....	31.72	5.34
			For Up To 100, Add	7.93	
			For >500 To 2,000, Deduct	-4.34	
			For >2,000, Deduct	-5.39	
			For Copper Valley For Steep Slope Roofing, Over 7 To 12, Add	2.15	
			For Wrap Around Window Panning, Add	10.77	
07 62 13 00-0008	SF		24 Ounce, 0.032" Thick, Copper Flashing And Trim.....	36.43	5.69
			For Up To 100, Add	9.11	
			For >500 To 2,000, Deduct	-4.96	
			For >2,000, Deduct	-6.22	
			For Copper Valley For Steep Slope Roofing, Over 7 To 12, Add	2.26	
			For Wrap Around Window Panning, Add	11.29	

07 Thermal And Moisture Protection**07 60 Flashing and Sheet Metal****07 62 Sheet Metal Flashing and Trim**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 62 13 00-0009	SF		32 Ounce, 0.043" Thick, Copper Flashing And Trim.....	45.37	5.93
			For Up To 100, Add	11.34	
			For >500 To 2,000, Deduct	-6.14	
			For >2,000, Deduct	-7.81	
			For Copper Valley For Steep Slope Roofing, Over 7 To 12, Add	2.37	
			For Wrap Around Window Panning, Add	11.85	
07 62 13 00-0010			Stainless Steel Flashing And Trim (07 62 13)		
07 62 13 00-0011			Stainless Steel Flashing And Trim (07 62 13 00-0010)		
07 62 13 00-0012	SF		32 Gauge, 0.010" Thick, Stainless Steel Flashing And Trim.....	10.45	2.84
			For Up To 100, Add	2.61	
			For Wrap Around Window Panning, Add	7.32	
			For Mechanically Keyed Flashing, Add	1.25	
07 62 13 00-0013	SF		30 Gauge, 0.0125" Thick, Stainless Steel Flashing And Trim.....	11.34	3.20
			For Up To 100, Add	2.84	
			For Wrap Around Window Panning, Add	7.43	
			For Mechanically Keyed Flashing, Add	1.56	
07 62 13 00-0014	SF		28 Gauge, 0.0156" Thick, Stainless Steel Flashing And Trim.....	12.24	3.55
			For Up To 100, Add	3.06	
			For Wrap Around Window Panning, Add	7.55	
			For Mechanically Keyed Flashing, Add	1.88	
07 62 13 00-0015	SF		26 Gauge, 0.0187" Thick, Stainless Steel Flashing And Trim.....	13.66	3.91
			For Up To 100, Add	3.42	
			For Wrap Around Window Panning, Add	7.79	
			For Mechanically Keyed Flashing, Add	2.35	
07 62 13 00-0016	SF		24 Gauge, 0.025" Thick, Stainless Steel Flashing And Trim.....	16.05	4.15
			For Up To 100, Add	4.01	
			For Wrap Around Window Panning, Add	8.23	
			For Mechanically Keyed Flashing, Add	3.13	
07 62 13 00-0017	SF		22 Gauge, 0.031" Thick, Stainless Steel Flashing And Trim.....	17.53	4.36
			For Up To 100, Add	4.38	
			For Wrap Around Window Panning, Add	8.71	
			For Mechanically Keyed Flashing, Add	3.53	
07 62 13 00-0018	SF		20 Gauge, 0.0375" Thick, Stainless Steel Flashing And Trim.....	18.78	4.62
			For Up To 100, Add	4.70	
			For Wrap Around Window Panning, Add	9.22	
			For Mechanically Keyed Flashing, Add	3.82	
07 62 13 00-0019			Aluminum Flashing And Trim (07 62 13)		
07 62 13 00-0020			Aluminum Flashing And Trim (07 62 13 00-0019)		
07 62 13 00-0021	SF		0.013" Thick, Mill Finish, Aluminum Flashing And Trim.....	11.48	3.67
			For Up To 100, Add	2.87	
			For Baked Aluminum Colors, Add	0.33	
			For Wrap Around Window Panning, Add	8.17	
07 62 13 00-0022	SF		0.016" Thick, Mill Finish, Aluminum Flashing And Trim.....	12.20	3.67
			For Up To 100, Add	3.05	
			For Baked Aluminum Colors, Add	0.40	
			For Wrap Around Window Panning, Add	8.17	
07 62 13 00-0023	SF		0.019" Thick, Mill Finish, Aluminum Flashing And Trim.....	12.77	3.67
			For Up To 100, Add	3.19	
			For Baked Aluminum Colors, Add	0.46	
			For Wrap Around Window Panning, Add	8.17	
07 62 13 00-0024	SF		0.024" Thick, Mill Finish, Aluminum Flashing And Trim.....	13.60	3.67
			For Up To 100, Add	3.40	
			For Baked Aluminum Colors, Add	0.54	
			For Wrap Around Window Panning, Add	8.17	
07 62 13 00-0025	SF		0.032" Thick, Mill Finish, Aluminum Flashing And Trim.....	14.76	3.67
			For Up To 100, Add	3.69	
			For Baked Aluminum Colors, Add	0.66	
			For Wrap Around Window Panning, Add	8.17	
07 62 13 00-0026	SF		0.040" Thick, Mill Finish, Aluminum Flashing And Trim.....	15.47	3.67
			For Up To 100, Add	3.87	
			For Baked Aluminum Colors, Add	0.73	
			For Wrap Around Window Panning, Add	8.17	
07 62 13 00-0027	SF		0.050" Thick, Mill Finish, Aluminum Flashing And Trim.....	16.04	3.67
			For Up To 100, Add	4.01	
			For Baked Aluminum Colors, Add	0.79	
			For Wrap Around Window Panning, Add	8.17	
07 62 13 00-0028			Steel Flashing And Trim (07 62 13)		
07 62 13 00-0029			Galvanized Steel Flashing And Trim (07 62 13 00-0028)		
07 62 13 00-0030	SF		28 Gauge, 0.019" Thick, Galvanized Steel Flashing.....	12.12	3.55
			For Up To 100, Add	3.03	
			For Wrap Around Window Panning, Add	7.55	
07 62 13 00-0031	SF		26 Gauge, 0.022" Thick, Galvanized Steel Flashing.....	12.61	3.91
			For Up To 100, Add	3.15	
			For Wrap Around Window Panning, Add	7.79	
07 62 13 00-0032	SF		24 Gauge, 0.028" Thick, Galvanized Steel Flashing.....	13.43	4.15
			For Up To 100, Add	3.36	
			For Wrap Around Window Panning, Add	8.23	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 62 13 00-0033	SF		22 Gauge, 0.034" Thick, Galvanized Steel Flashing..... For Up To 100, Add For Wrap Around Window Panning, Add	14.29 3.57 8.71	4.36
07 62 13 00-0034	SF		20 Gauge, 0.04" Thick, Galvanized Steel Flashing..... For Up To 100, Add For Wrap Around Window Panning, Add	15.47 3.87 9.22	4.62
07 62 19 Fabricated Gravel Stops and Fasciae (07 62)					
07 62 19 00-0001			Drip Edge (07 62 19)		
07 62 19 00-0002			Aluminum Drip Edge (07 62 19 00-0001) Note: Girth (stretch-out) equals the total (flattened) width of the drip edge.		
07 62 19 00-0003			KYNAR 500® Finish, Aluminum Drip Edge (07 62 19 00-0002)		
07 62 19 00-0004			0.016" Thick, KYNAR 500® Finish, Aluminum Drip Edge (07 62 19 00-0003)		
07 62 19 00-0005	LF		Up To 5" Girth, 0.016" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....	12.48	1.72
07 62 19 00-0006	LF		>5" To 7" Girth, 0.016" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....	15.58	1.84
07 62 19 00-0007	LF		>7" To 9" Girth, 0.016" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....	17.59	2.07
07 62 19 00-0008	LF		>9" To 12" Girth, 0.016" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....	21.19	2.18
07 62 19 00-0009	LF		>12" To 15" Girth, 0.016" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....	27.09	2.29
07 62 19 00-0010			0.019" Thick, KYNAR 500® Finish, Aluminum Drip Edge (07 62 19 00-0003)		
07 62 19 00-0011	LF		Up To 5" Girth, 0.019" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....	13.36	1.72
07 62 19 00-0012	LF		>5" To 7" Girth, 0.019" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....	16.56	1.84
07 62 19 00-0013	LF		>7" To 9" Girth, 0.019" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....	19.06	2.07
07 62 19 00-0014	LF		>9" To 12" Girth, 0.019" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....	22.94	2.18
07 62 19 00-0015	LF		>12" To 15" Girth, 0.019" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....	28.75	2.29
07 62 19 00-0016			0.025" Thick, KYNAR 500® Finish, Aluminum Drip Edge (07 62 19 00-0003)		
07 62 19 00-0017	LF		Up To 5" Girth, 0.025" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....	14.24	1.72
07 62 19 00-0018	LF		>5" To 7" Girth, 0.025" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....	17.73	1.84
07 62 19 00-0019	LF		>7" To 9" Girth, 0.025" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....	20.47	2.07
07 62 19 00-0020	LF		>9" To 12" Girth, 0.025" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....	24.70	2.18
07 62 19 00-0021	LF		>12" To 15" Girth, 0.025" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....	31.09	2.29
07 62 19 00-0022			0.032" Thick, KYNAR 500® Finish, Aluminum Drip Edge (07 62 19 00-0003)		
07 62 19 00-0023	LF		Up To 5" Girth, 0.032" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....	16.00	1.72
07 62 19 00-0024	LF		>5" To 7" Girth, 0.032" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....	20.07	1.84
07 62 19 00-0025	LF		>7" To 9" Girth, 0.032" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....	23.25	2.07
07 62 19 00-0026	LF		>9" To 12" Girth, 0.032" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....	28.22	2.18
07 62 19 00-0027	LF		>12" To 15" Girth, 0.032" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....	35.78	2.29
07 62 19 00-0028			0.040" Thick, KYNAR 500® Finish, Aluminum Drip Edge (07 62 19 00-0003)		
07 62 19 00-0029	LF		Up To 5" Girth, 0.040" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....	16.58	1.72
07 62 19 00-0030	LF		>5" To 7" Girth, 0.040" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....	20.95	1.84
07 62 19 00-0031	LF		>7" To 9" Girth, 0.040" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....	24.18	2.07
07 62 19 00-0032	LF		>9" To 12" Girth, 0.040" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....	29.39	2.18
07 62 19 00-0033	LF		>12" To 15" Girth, 0.040" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....	37.34	2.29
07 62 19 00-0034			0.050" Thick, KYNAR 500® Finish, Aluminum Drip Edge (07 62 19 00-0003)		
07 62 19 00-0035	LF		Up To 5" Girth, 0.050" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....	18.63	1.72
07 62 19 00-0036	LF		>5" To 7" Girth, 0.050" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....	23.59	1.84
07 62 19 00-0037	LF		>7" To 9" Girth, 0.050" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....	27.40	2.07
07 62 19 00-0038	LF		>9" To 12" Girth, 0.050" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....	33.49	2.18
07 62 19 00-0039	LF		>12" To 15" Girth, 0.050" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....	42.81	2.29
07 62 19 00-0040			0.063" Thick, KYNAR 500® Finish, Aluminum Drip Edge (07 62 19 00-0003)		
07 62 19 00-0041	LF		Up To 5" Girth, 0.063" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....	21.56	1.72
07 62 19 00-0042	LF		>5" To 7" Girth, 0.063" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....	27.49	1.84
07 62 19 00-0043	LF		>7" To 9" Girth, 0.063" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....	32.04	2.07
07 62 19 00-0044	LF		>9" To 12" Girth, 0.063" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....	39.35	2.18
07 62 19 00-0045	LF		>12" To 15" Girth, 0.063" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....	50.62	2.29
07 62 19 00-0046			0.080" Thick, KYNAR 500® Finish, Aluminum Drip Edge (07 62 19 00-0003)		
07 62 19 00-0047	LF		Up To 5" Girth, 0.080" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....	25.08	1.72
07 62 19 00-0048	LF		>5" To 7" Girth, 0.080" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....	32.18	1.84
07 62 19 00-0049	LF		>7" To 9" Girth, 0.080" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....	37.61	2.07
07 62 19 00-0050	LF		>9" To 12" Girth, 0.080" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....	46.38	2.18
07 62 19 00-0051	LF		>12" To 15" Girth, 0.080" Thick, KYNAR 500® Finish, Aluminum Drip Edge.....	59.99	2.29

07 Thermal And Moisture Protection**07 60 Flashing and Sheet Metal****07 62 Sheet Metal Flashing and Trim**MINOR
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

07 62 19 00-0052	Mill Finish, Aluminum Drip Edge (07 62 19 00-0002)		
07 62 19 00-0053	0.016" Thick, Mill Finish, Aluminum Drip Edge (07 62 19 00-0052)		
07 62 19 00-0054	LF Up To 5" Girth, 0.016" Thick, Mill Finish, Aluminum Drip Edge.....	10.21	1.72
07 62 19 00-0055	LF >5" To 7" Girth, 0.016" Thick, Mill Finish, Aluminum Drip Edge.....	12.49	1.84
07 62 19 00-0056	LF >7" To 9" Girth, 0.016" Thick, Mill Finish, Aluminum Drip Edge.....	14.02	2.07
07 62 19 00-0057	LF >9" To 12" Girth, 0.016" Thick, Mill Finish, Aluminum Drip Edge.....	16.64	2.18
07 62 19 00-0058	LF >12" To 15" Girth, 0.016" Thick, Mill Finish, Aluminum Drip Edge.....	20.82	2.29
07 62 19 00-0059	0.019" Thick, Mill Finish, Aluminum Drip Edge (07 62 19 00-0052)		
07 62 19 00-0060	LF Up To 5" Girth, 0.019" Thick, Mill Finish, Aluminum Drip Edge.....	10.82	1.72
07 62 19 00-0061	LF >5" To 7" Girth, 0.019" Thick, Mill Finish, Aluminum Drip Edge.....	13.16	1.84
07 62 19 00-0062	LF >7" To 9" Girth, 0.019" Thick, Mill Finish, Aluminum Drip Edge.....	15.03	2.07
07 62 19 00-0063	LF >9" To 12" Girth, 0.019" Thick, Mill Finish, Aluminum Drip Edge.....	17.85	2.18
07 62 19 00-0064	LF >12" To 15" Girth, 0.019" Thick, Mill Finish, Aluminum Drip Edge.....	21.96	2.29
07 62 19 00-0065	0.025" Thick, Mill Finish, Aluminum Drip Edge (07 62 19 00-0052)		
07 62 19 00-0066	LF Up To 5" Girth, 0.025" Thick, Mill Finish, Aluminum Drip Edge.....	11.42	1.72
07 62 19 00-0067	LF >5" To 7" Girth, 0.025" Thick, Mill Finish, Aluminum Drip Edge.....	13.97	1.84
07 62 19 00-0068	LF >7" To 9" Girth, 0.025" Thick, Mill Finish, Aluminum Drip Edge.....	16.00	2.07
07 62 19 00-0069	LF >9" To 12" Girth, 0.025" Thick, Mill Finish, Aluminum Drip Edge.....	19.06	2.18
07 62 19 00-0070	LF >12" To 15" Girth, 0.025" Thick, Mill Finish, Aluminum Drip Edge.....	23.58	2.29
07 62 19 00-0071	0.032" Thick, Mill Finish, Aluminum Drip Edge (07 62 19 00-0052)		
07 62 19 00-0072	LF Up To 5" Girth, 0.032" Thick, Mill Finish, Aluminum Drip Edge.....	12.63	1.72
07 62 19 00-0073	LF >5" To 7" Girth, 0.032" Thick, Mill Finish, Aluminum Drip Edge.....	15.59	1.84
07 62 19 00-0074	LF >7" To 9" Girth, 0.032" Thick, Mill Finish, Aluminum Drip Edge.....	17.92	2.07
07 62 19 00-0075	LF >9" To 12" Girth, 0.032" Thick, Mill Finish, Aluminum Drip Edge.....	21.49	2.18
07 62 19 00-0076	LF >12" To 15" Girth, 0.032" Thick, Mill Finish, Aluminum Drip Edge.....	26.81	2.29
07 62 19 00-0077	0.040" Thick, Mill Finish, Aluminum Drip Edge (07 62 19 00-0052)		
07 62 19 00-0078	LF Up To 5" Girth, 0.040" Thick, Mill Finish, Aluminum Drip Edge.....	13.04	1.72
07 62 19 00-0079	LF >5" To 7" Girth, 0.040" Thick, Mill Finish, Aluminum Drip Edge.....	16.19	1.84
07 62 19 00-0080	LF >7" To 9" Girth, 0.040" Thick, Mill Finish, Aluminum Drip Edge.....	18.56	2.07
07 62 19 00-0081	LF >9" To 12" Girth, 0.040" Thick, Mill Finish, Aluminum Drip Edge.....	22.30	2.18
07 62 19 00-0082	LF >12" To 15" Girth, 0.040" Thick, Mill Finish, Aluminum Drip Edge.....	27.89	2.29
07 62 19 00-0083	0.050" Thick, Mill Finish, Aluminum Drip Edge (07 62 19 00-0052)		
07 62 19 00-0084	LF Up To 5" Girth, 0.050" Thick, Mill Finish, Aluminum Drip Edge.....	14.45	1.72
07 62 19 00-0085	LF >5" To 7" Girth, 0.050" Thick, Mill Finish, Aluminum Drip Edge.....	18.01	1.84
07 62 19 00-0086	LF >7" To 9" Girth, 0.050" Thick, Mill Finish, Aluminum Drip Edge.....	20.78	2.07
07 62 19 00-0087	LF >9" To 12" Girth, 0.050" Thick, Mill Finish, Aluminum Drip Edge.....	25.12	2.18
07 62 19 00-0088	LF >12" To 15" Girth, 0.050" Thick, Mill Finish, Aluminum Drip Edge.....	31.66	2.29
07 62 19 00-0089	0.063" Thick, Mill Finish, Aluminum Drip Edge (07 62 19 00-0052)		
07 62 19 00-0090	LF Up To 5" Girth, 0.063" Thick, Mill Finish, Aluminum Drip Edge.....	16.47	1.72
07 62 19 00-0091	LF >5" To 7" Girth, 0.063" Thick, Mill Finish, Aluminum Drip Edge.....	20.70	1.84
07 62 19 00-0092	LF >7" To 9" Girth, 0.063" Thick, Mill Finish, Aluminum Drip Edge.....	23.98	2.07
07 62 19 00-0093	LF >9" To 12" Girth, 0.063" Thick, Mill Finish, Aluminum Drip Edge.....	29.16	2.18
07 62 19 00-0094	LF >12" To 15" Girth, 0.063" Thick, Mill Finish, Aluminum Drip Edge.....	37.05	2.29
07 62 19 00-0095	0.080" Thick, Mill Finish, Aluminum Drip Edge (07 62 19 00-0052)		
07 62 19 00-0096	LF Up To 5" Girth, 0.080" Thick, Mill Finish, Aluminum Drip Edge.....	18.90	1.72
07 62 19 00-0097	LF >5" To 7" Girth, 0.080" Thick, Mill Finish, Aluminum Drip Edge.....	23.94	1.84
07 62 19 00-0098	LF >7" To 9" Girth, 0.080" Thick, Mill Finish, Aluminum Drip Edge.....	27.82	2.07
07 62 19 00-0099	LF >9" To 12" Girth, 0.080" Thick, Mill Finish, Aluminum Drip Edge.....	34.01	2.18
07 62 19 00-0100	LF >12" To 15" Girth, 0.080" Thick, Mill Finish, Aluminum Drip Edge.....	43.51	2.29
07 62 19 00-0101	Clear Anodized Finish, Aluminum Drip Edge (07 62 19 00-0002)		
07 62 19 00-0102	0.016" Thick, Clear Anodized Finish, Aluminum Drip Edge (07 62 19 00-0101)		
07 62 19 00-0103	LF Up To 5" Girth, 0.016" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	12.92	1.72
07 62 19 00-0104	LF >5" To 7" Girth, 0.016" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	16.18	1.84
07 62 19 00-0105	LF >7" To 9" Girth, 0.016" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	18.28	2.07
07 62 19 00-0106	LF >9" To 12" Girth, 0.016" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	22.06	2.18
07 62 19 00-0107	LF >12" To 15" Girth, 0.016" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	28.30	2.29
07 62 19 00-0108	0.019" Thick, Clear Anodized Finish, Aluminum Drip Edge (07 62 19 00-0101)		
07 62 19 00-0109	LF Up To 5" Girth, 0.019" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	13.85	1.72
07 62 19 00-0110	LF >5" To 7" Girth, 0.019" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	17.21	1.84



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 62 19 00-0111	LF		>7" To 9" Girth, 0.019" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	19.83	2.07
07 62 19 00-0112	LF		>9" To 12" Girth, 0.019" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	23.93	2.18
07 62 19 00-0113	LF		>12" To 15" Girth, 0.019" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	30.06	2.29
07 62 19 00-0114			0.025" Thick, Clear Anodized Finish, Aluminum Drip Edge (07 62 19 00-0101)		
07 62 19 00-0115	LF		Up To 5" Girth, 0.025" Thick, Clear Anodized Finish, Aluminum Drip Edge	14.79	1.72
07 62 19 00-0116	LF		>5" To 7" Girth, 0.025" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	18.45	1.84
07 62 19 00-0117	LF		>7" To 9" Girth, 0.025" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	21.34	2.07
07 62 19 00-0118	LF		>9" To 12" Girth, 0.025" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	25.79	2.18
07 62 19 00-0119	LF		>12" To 15" Girth, 0.025" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	32.55	2.29
07 62 19 00-0120			0.032" Thick, Clear Anodized Finish, Aluminum Drip Edge (07 62 19 00-0101)		
07 62 19 00-0121	LF		Up To 5" Girth, 0.032" Thick, Clear Anodized Finish, Aluminum Drip Edge	16.65	1.72
07 62 19 00-0122	LF		>5" To 7" Girth, 0.032" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	20.94	1.84
07 62 19 00-0123	LF		>7" To 9" Girth, 0.032" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	24.29	2.07
07 62 19 00-0124	LF		>9" To 12" Girth, 0.032" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	29.52	2.18
07 62 19 00-0125	LF		>12" To 15" Girth, 0.032" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	37.51	2.29
07 62 19 00-0126			0.040" Thick, Clear Anodized Finish, Aluminum Drip Edge (07 62 19 00-0101)		
07 62 19 00-0127	LF		Up To 5" Girth, 0.040" Thick, Clear Anodized Finish, Aluminum Drip Edge	17.27	1.72
07 62 19 00-0128	LF		>5" To 7" Girth, 0.040" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	21.87	1.84
07 62 19 00-0129	LF		>7" To 9" Girth, 0.040" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	25.27	2.07
07 62 19 00-0130	LF		>9" To 12" Girth, 0.040" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	30.76	2.18
07 62 19 00-0131	LF		>12" To 15" Girth, 0.040" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	39.17	2.29
07 62 19 00-0132			0.050" Thick, Clear Anodized Finish, Aluminum Drip Edge (07 62 19 00-0101)		
07 62 19 00-0133	LF		Up To 5" Girth, 0.050" Thick, Clear Anodized Finish, Aluminum Drip Edge	19.44	1.72
07 62 19 00-0134	LF		>5" To 7" Girth, 0.050" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	24.66	1.84
07 62 19 00-0135	LF		>7" To 9" Girth, 0.050" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	28.68	2.07
07 62 19 00-0136	LF		>9" To 12" Girth, 0.050" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	35.10	2.18
07 62 19 00-0137	LF		>12" To 15" Girth, 0.050" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	44.97	2.29
07 62 19 00-0138			0.063" Thick, Clear Anodized Finish, Aluminum Drip Edge (07 62 19 00-0101)		
07 62 19 00-0139	LF		Up To 5" Girth, 0.063" Thick, Clear Anodized Finish, Aluminum Drip Edge	22.55	1.72
07 62 19 00-0140	LF		>5" To 7" Girth, 0.063" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	28.80	1.84
07 62 19 00-0141	LF		>7" To 9" Girth, 0.063" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	33.60	2.07
07 62 19 00-0142	LF		>9" To 12" Girth, 0.063" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	41.31	2.18
07 62 19 00-0143	LF		>12" To 15" Girth, 0.063" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	53.25	2.29
07 62 19 00-0144			0.080" Thick, Clear Anodized Finish, Aluminum Drip Edge (07 62 19 00-0101)		
07 62 19 00-0145	LF		Up To 5" Girth, 0.080" Thick, Clear Anodized Finish, Aluminum Drip Edge	26.27	1.72
07 62 19 00-0146	LF		>5" To 7" Girth, 0.080" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	33.77	1.84
07 62 19 00-0147	LF		>7" To 9" Girth, 0.080" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	39.50	2.07
07 62 19 00-0148	LF		>9" To 12" Girth, 0.080" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	48.77	2.18
07 62 19 00-0149	LF		>12" To 15" Girth, 0.080" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	63.18	2.29
07 62 19 00-0150			Galvanized Steel Drip Edge (07 62 19 00-0001)		
			Note: Girth (stretch-out) equals the total (flattened) width of the drip edge.		
07 62 19 00-0151			Galvanized Steel Drip Edge (07 62 19 00-0150)		
07 62 19 00-0152			26 Gauge, Galvanized Steel Drip Edge (07 62 19 00-0151)		
07 62 19 00-0153	LF		Up To 5" Girth, 26 Gauge, Galvanized Steel Drip Edge	11.90	1.72
07 62 19 00-0154	LF		>5" To 7" Girth, 26 Gauge, Galvanized Steel Drip Edge.....	14.66	1.84
07 62 19 00-0155	LF		>7" To 9" Girth, 26 Gauge, Galvanized Steel Drip Edge.....	16.75	2.07
07 62 19 00-0156	LF		>9" To 12" Girth, 26 Gauge, Galvanized Steel Drip Edge.....	20.01	2.18
07 62 19 00-0157	LF		>12" To 15" Girth, 26 Gauge, Galvanized Steel Drip Edge.....	24.84	2.29
07 62 19 00-0158			24 Gauge, Galvanized Steel Drip Edge (07 62 19 00-0151)		
07 62 19 00-0159	LF		Up To 5" Girth, 24 Gauge, Galvanized Steel Drip Edge	12.91	1.72
07 62 19 00-0160	LF		>5" To 7" Girth, 24 Gauge, Galvanized Steel Drip Edge.....	16.02	1.84
07 62 19 00-0161	LF		>7" To 9" Girth, 24 Gauge, Galvanized Steel Drip Edge.....	18.35	2.07
07 62 19 00-0162	LF		>9" To 12" Girth, 24 Gauge, Galvanized Steel Drip Edge.....	22.04	2.18
07 62 19 00-0163	LF		>12" To 15" Girth, 24 Gauge, Galvanized Steel Drip Edge.....	27.53	2.29
07 62 19 00-0164			KYNAR 500® Finish, Galvanized Steel Drip Edge (07 62 19 00-0150)		
07 62 19 00-0165			26 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge (07 62 19 00-0164)		
07 62 19 00-0166	LF		Up To 5" Girth, 26 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge	14.93	1.72
07 62 19 00-0167	LF		>5" To 7" Girth, 26 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge.....	18.73	1.84
07 62 19 00-0168	LF		>7" To 9" Girth, 26 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge.....	21.56	2.07

07 Thermal And Moisture Protection**07 60 Flashing and Sheet Metal****07 62 Sheet Metal Flashing and Trim**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 62 19 00-0169	LF	>9" To 12" Girth, 26 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge	26.07	2.18
07 62 19 00-0170	LF	>12" To 15" Girth, 26 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge	32.93	2.29
07 62 19 00-0171		24 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge (07 62 19 00-0164)		
07 62 19 00-0172	LF	Up To 5" Girth, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge	16.39	1.72
07 62 19 00-0173	LF	>5" To 7" Girth, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge	20.69	1.84
07 62 19 00-0174	LF	>7" To 9" Girth, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge	23.88	2.07
07 62 19 00-0175	LF	>9" To 12" Girth, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge	29.00	2.18
07 62 19 00-0176	LF	>12" To 15" Girth, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge	36.83	2.29
07 62 19 00-0177		Stainless Steel Drip Edge (07 62 19 00-0001)		
		Note: Girth (stretch-out) equals the total (flattened) width of the drip edge.		
07 62 19 00-0178		26 Gauge, Stainless Steel Drip Edge (07 62 19 00-0177)		
07 62 19 00-0179	LF	Up To 5" Girth, 26 Gauge, Stainless Steel Drip Edge	20.52	1.72
07 62 19 00-0180	LF	>5" To 7" Girth, 26 Gauge, Stainless Steel Drip Edge	26.10	1.84
07 62 19 00-0181	LF	>7" To 9" Girth, 26 Gauge, Stainless Steel Drip Edge	30.39	2.07
07 62 19 00-0182	LF	>9" To 12" Girth, 26 Gauge, Stainless Steel Drip Edge	37.27	2.18
07 62 19 00-0183	LF	>12" To 15" Girth, 26 Gauge, Stainless Steel Drip Edge	47.85	2.29
07 62 19 00-0184		24 Gauge, Stainless Steel Drip Edge (07 62 19 00-0177)		
07 62 19 00-0185	LF	Up To 5" Girth, 24 Gauge, Stainless Steel Drip Edge	25.36	1.72
07 62 19 00-0186	LF	>5" To 7" Girth, 24 Gauge, Stainless Steel Drip Edge	32.55	1.84
07 62 19 00-0187	LF	>7" To 9" Girth, 24 Gauge, Stainless Steel Drip Edge	38.08	2.07
07 62 19 00-0188	LF	>9" To 12" Girth, 24 Gauge, Stainless Steel Drip Edge	46.94	2.18
07 62 19 00-0189	LF	>12" To 15" Girth, 24 Gauge, Stainless Steel Drip Edge	60.74	2.29
07 62 19 00-0190		22 Gauge, Stainless Steel Drip Edge (07 62 19 00-0177)		
07 62 19 00-0191	LF	Up To 5" Girth, 22 Gauge, Stainless Steel Drip Edge	31.05	1.72
07 62 19 00-0192	LF	>5" To 7" Girth, 22 Gauge, Stainless Steel Drip Edge	40.14	1.84
07 62 19 00-0193	LF	>7" To 9" Girth, 22 Gauge, Stainless Steel Drip Edge	47.08	2.07
07 62 19 00-0194	LF	>9" To 12" Girth, 22 Gauge, Stainless Steel Drip Edge	58.32	2.18
07 62 19 00-0195	LF	>12" To 15" Girth, 22 Gauge, Stainless Steel Drip Edge	75.92	2.29
07 63 Sheet Metal Roofing Specialties (07 60)				
07 63 00 00-0001		Pitch Pockets (07 63)		
		Note: Cut into deck, filled with non-shrink grout, includes blocking.		
07 63 00 00-0002		24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pockets (07 63 00 00-0001)		
07 63 00 00-0003	EA	4" x 4" 24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	86.30	
		For Pourable Sealer Filled, Add	39.41	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	19.71	
07 63 00 00-0004	EA	6" x 6" 24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	104.82	
		For Pourable Sealer Filled, Add	88.72	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	44.48	
07 63 00 00-0005	EA	8" x 8" 24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	128.62	
		For Pourable Sealer Filled, Add	157.63	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	78.64	
07 63 00 00-0006	EA	8" x 10" 24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	141.72	
		For Pourable Sealer Filled, Add	197.04	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	98.84	
07 63 00 00-0007	EA	8" x 12" 24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	154.13	
		For Pourable Sealer Filled, Add	236.45	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	118.24	
07 63 00 00-0008	SF	24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	182.63	
		For Pourable Sealer Filled, Add	354.67	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	176.24	
07 63 00 00-0009		16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pockets (07 63 00 00-0001)		
07 63 00 00-0010	EA	4" x 4" 16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	97.82	
		For Pourable Sealer Filled, Add	39.41	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	19.71	
07 63 00 00-0011	EA	6" x 6" 16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	118.01	
		For Pourable Sealer Filled, Add	88.72	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	44.48	
07 63 00 00-0012	EA	8" x 8" 16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	144.50	
		For Pourable Sealer Filled, Add	157.63	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	78.64	
07 63 00 00-0013	EA	8" x 10" 16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	160.86	
		For Pourable Sealer Filled, Add	197.04	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	98.84	
07 63 00 00-0014	EA	8" x 12" 16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	173.68	
		For Pourable Sealer Filled, Add	236.45	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	118.24	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 63 00 00-0015	SF		16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pocket..... <i>For Pourable Sealer Filled, Add</i> <i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	203.61 354.67 176.24	
07 63 00 00-0016			24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pockets (07 63 00 00-0001)		
07 63 00 00-0017	EA		4" x 4" 24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pocket..... <i>For Pourable Sealer Filled, Add</i> <i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	99.39 39.41 19.71	
07 63 00 00-0018	EA		6" x 6" 24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pocket..... <i>For Pourable Sealer Filled, Add</i> <i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	119.18 88.72 44.48	
07 63 00 00-0019	EA		8" x 8" 24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pocket..... <i>For Pourable Sealer Filled, Add</i> <i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	139.47 157.63 78.64	
07 63 00 00-0020	EA		8" x 10" 24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pocket..... <i>For Pourable Sealer Filled, Add</i> <i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	151.84 197.04 98.84	
07 63 00 00-0021	EA		8" x 12" 24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pocket..... <i>For Pourable Sealer Filled, Add</i> <i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	163.35 236.45 118.24	
07 63 00 00-0022	SF		24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pocket..... <i>For Pourable Sealer Filled, Add</i> <i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	189.95 354.67 176.24	
07 63 00 00-0023			Clean, Repair And Refill Existing Pitch Pockets With Non-Shrink Grout (07 63 00 00-0001) Note: Includes removing existing filler and refilling with non-shrink grout.		
07 63 00 00-0024	EA		Clean, Repair And Refill Existing 4" x 4" Pitch Pocket With Non-Shrink Grout..... <i>For Pourable Sealer Filled, Add</i> <i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	76.27 39.41 19.71	
07 63 00 00-0025	EA		Clean, Repair And Refill Existing 6" x 6" Pitch Pocket With Non-Shrink Grout..... <i>For Pourable Sealer Filled, Add</i> <i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	87.88 88.72 44.48	
07 63 00 00-0026	EA		Clean, Repair And Refill Existing 8" x 8" Pitch Pocket With Non-Shrink Grout..... <i>For Pourable Sealer Filled, Add</i> <i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	103.31 157.63 78.64	
07 63 00 00-0027	EA		Clean, Repair And Refill Existing 8" x 10" Pitch Pocket With Non-Shrink Grout..... <i>For Pourable Sealer Filled, Add</i> <i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	113.09 197.04 98.84	
07 63 00 00-0028	EA		Clean, Repair And Refill Existing 8" x 12" Pitch Pocket With Non-Shrink Grout..... <i>For Pourable Sealer Filled, Add</i> <i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	122.87 236.45 118.24	
07 63 00 00-0029	SF		Clean, Repair And Refill Existing Pitch Pocket With Non-Shrink Grout..... <i>For Pourable Sealer Filled, Add</i> <i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	147.61 354.67 176.24	
07 63 00 00-0030			Lead Pipe Flashing For Roofs (07 63) Note: Includes 6" skirt base.		
07 63 00 00-0031	EA		1-1/4" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 3/4" Pipe	93.25	29.30
07 63 00 00-0032	EA		1-1/2" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 1" Pipe	93.25	29.30
07 63 00 00-0033	EA		2-3/4" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 2" Pipe	112.67	29.30
07 63 00 00-0034	EA		3-3/4" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 3" Pipe	123.77	29.30
07 63 00 00-0035	EA		4-1/4" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 3-1/2" Pipe	129.32	29.30
07 63 00 00-0036	EA		4-3/4" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 4" Pipe	132.09	29.30
07 63 00 00-0037	EA		6-7/8" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 6" Pipe	159.83	29.30
07 63 00 00-0038	EA		8-7/8" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 8" Pipe	172.32	29.30
07 63 00 00-0039			Galvanized Metal Flashing With Neoprene Collar, Shingle Roofing (07 63)		
07 63 00 00-0040	EA		2" Vent Through Roof, Galvanized Metal Flashing With Neoprene Collar, Shingle Roofing.....	80.12	18.94
07 63 00 00-0041	EA		3" Vent Through Roof, Galvanized Metal Flashing With Neoprene Collar, Shingle Roofing.....	81.44	18.94
07 63 00 00-0042	EA		4" Vent Through Roof, Galvanized Metal Flashing With Neoprene Collar, Shingle Roofing.....	86.25	18.94
07 63 00 00-0043	EA		6" Vent Through Roof, Galvanized Metal Flashing With Neoprene Collar, Shingle Roofing.....	90.39	18.94
07 65			Flexible Flashing (07 60)		
07 65 16			Modified Bituminous Sheet Flashing (07 65)		
07 65 16 00-0001			Liquid Flashing System For Modified And BUR Systems (07 65 16) See CSI section 07 51 13 00-0036 for ceramic coated roofing granules.		
07 65 16 00-0002	SF		60 Mil, Urethane Elastomer Liquid Applied Flashing..... Note: Includes applying a 30 mil base coat, rolling in a stitchbonded polyester reinforcing scrim and applying a 30 mil second coat.	14.13	2.17
07 65 19			Plastic Sheet Flashing (07 65)		
07 65 19 00-0001			Plastic Flashing And Trim (07 65 19)		

07 Thermal And Moisture Protection**07 60 Flashing and Sheet Metal****07 65 Flexible Flashing**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

07 65 19 00-0002 Neoprene Flashing (07 65 19 00-0001)**07 65 19 00-0003 60 Mil Thick** (07 65 19 00-0002)

07 65 19 00-0004	LF	6" Wide Strip, 60 Mil, Neoprene Flashing	9.76	3.09
07 65 19 00-0005	LF	12" Wide Strip, 60 Mil, Neoprene Flashing	13.03	3.32
07 65 19 00-0006	LF	18" Wide Strip, 60 Mil, Neoprene Flashing	16.63	3.66
07 65 19 00-0007	LF	24" Wide Strip, 60 Mil, Neoprene Flashing	20.44	4.13

07 65 33 Flexible Roof Boot (07 65)**07 65 33 00-0001 Neoprene Roof Boot** (07 65 33)

07 65 33 00-0002	EA	2" Diameter Pipe, Neoprene Roof Boot	52.70	9.52
07 65 33 00-0003	EA	3" Diameter Pipe, Neoprene Roof Boot	62.80	10.66
07 65 33 00-0004	EA	4" Diameter Pipe, Neoprene Roof Boot	70.44	11.47

07 70 Roof and Wall Specialties and Accessories (07)**07 71 Roof Specialties** (07 70)**07 71 13 Manufactured Copings** (07 71)**07 71 13 00-0001 Galvanized Steel Copings** (07 71 13)**07 71 13 00-0002 KYNAR 500® Finish, Galvanized Steel Coping System With Galvanized Steel Cleats** (07 71 13 00-0001)

Note: Stretch-out width = face height + wall thickness + back leg. Coping system includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.

07 71 13 00-0003	LF	10" To 14" Wide (Stretch-out), 24 Gauge, KYNAR 500® Finish, Galvanized Steel Coping System With Galvanized Steel Cleats	34.30	2.48
		For Up To 25 LF, Add	5.08	
		For >25 To 100 LF, Add	2.54	
		For >1,000 LF, Deduct	-0.41	
07 71 13 00-0004	LF	>14" To 16" Wide (Stretch-out), 24 Gauge, KYNAR 500® Finish, Galvanized Steel Coping System With Galvanized Steel Cleats	36.19	2.68
		For Up To 25 LF, Add	5.41	
		For >25 To 100 LF, Add	2.70	
		For >1,000 LF, Deduct	-0.45	
07 71 13 00-0005	LF	>16" To 22" Wide (Stretch-out), 24 Gauge, KYNAR 500® Finish, Galvanized Steel Coping System With Galvanized Steel Cleats	41.25	2.82
		For Up To 25 LF, Add	6.01	
		For >25 To 100 LF, Add	3.00	
		For >1,000 LF, Deduct	-0.47	
07 71 13 00-0006	LF	>22" To 30" Wide (Stretch-out), 24 Gauge, KYNAR 500® Finish, Galvanized Steel Coping System With Galvanized Steel Cleats	47.91	3.09
		For Up To 25 LF, Add	6.86	
		For >25 To 100 LF, Add	3.43	
		For >1,000 LF, Deduct	-0.52	
07 71 13 00-0007	LF	>30" To 42" Wide (Stretch-out), 24 Gauge, KYNAR 500® Finish, Galvanized Steel Coping System With Galvanized Steel Cleats	57.87	3.23
		For Up To 25 LF, Add	7.94	
		For >25 To 100 LF, Add	3.97	
		For >1,000 LF, Deduct	-0.54	

07 71 13 00-0008 Aluminum Copings (07 71 13)**07 71 13 00-0009 Mill Finish, Aluminum Coping System With Galvanized Steel Cleats** (07 71 13 00-0008)

Note: Stretch-out width = face height + wall thickness + back leg. Coping system includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.

07 71 13 00-0010 0.040" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats (07 71 13 00-0009)

07 71 13 00-0011	LF	10" To 14" Wide (Stretch-out), 0.040" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	27.26	2.48
		For Up To 25 LF, Add	4.38	
		For >25 To 100 LF, Add	2.19	
		For >1,000 LF, Deduct	-0.41	
07 71 13 00-0012	LF	>14" To 16" Wide (Stretch-out), 0.040" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	29.10	2.68
		For Up To 25 LF, Add	4.70	
		For >25 To 100 LF, Add	2.35	
		For >1,000 LF, Deduct	-0.45	
07 71 13 00-0013	LF	>16" To 22" Wide (Stretch-out), 0.040" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	33.91	2.82
		For Up To 25 LF, Add	5.27	
		For >25 To 100 LF, Add	2.64	
		For >1,000 LF, Deduct	-0.47	
07 71 13 00-0014	LF	>22" To 30" Wide (Stretch-out), 0.040" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	40.47	3.09
		For Up To 25 LF, Add	6.11	
		For >25 To 100 LF, Add	3.06	
		For >1,000 LF, Deduct	-0.52	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 13 00-0015	LF		>30" To 42" Wide (Stretch-out), 0.040" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats.....	50.24	3.23
			For Up To 25 LF, Add	7.18	
			For >25 To 100 LF, Add	3.59	
			For >1,000 LF, Deduct	-0.54	
07 71 13 00-0016			0.050" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats (07 71 13 00-0009)		
07 71 13 00-0017	LF		10" To 14" Wide (Stretch-out), 0.050" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats.....	29.58	2.48
			For Up To 25 LF, Add	4.61	
			For >25 To 100 LF, Add	2.31	
			For >1,000 LF, Deduct	-0.41	
07 71 13 00-0018	LF		>14" To 16" Wide (Stretch-out), 0.050" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats.....	31.57	2.68
			For Up To 25 LF, Add	4.95	
			For >25 To 100 LF, Add	2.47	
			For >1,000 LF, Deduct	-0.45	
07 71 13 00-0019	LF		>16" To 22" Wide (Stretch-out), 0.050" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats.....	36.83	2.82
			For Up To 25 LF, Add	5.56	
			For >25 To 100 LF, Add	2.78	
			For >1,000 LF, Deduct	-0.47	
07 71 13 00-0020	LF		>22" To 30" Wide (Stretch-out), 0.050" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats.....	44.00	3.09
			For Up To 25 LF, Add	6.46	
			For >25 To 100 LF, Add	3.23	
			For >1,000 LF, Deduct	-0.52	
07 71 13 00-0021	LF		>30" To 42" Wide (Stretch-out), 0.050" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats.....	54.73	3.23
			For Up To 25 LF, Add	7.63	
			For >25 To 100 LF, Add	3.81	
			For >1,000 LF, Deduct	-0.54	
07 71 13 00-0022			0.063" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats (07 71 13 00-0009)		
07 71 13 00-0023	LF		10" To 14" Wide (Stretch-out), 0.063" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats.....	31.48	2.48
			For Up To 25 LF, Add	4.80	
			For >25 To 100 LF, Add	2.40	
			For >1,000 LF, Deduct	-0.41	
07 71 13 00-0024	LF		>14" To 16" Wide (Stretch-out), 0.063" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats.....	33.77	2.68
			For Up To 25 LF, Add	5.17	
			For >25 To 100 LF, Add	2.58	
			For >1,000 LF, Deduct	-0.45	
07 71 13 00-0025	LF		>16" To 22" Wide (Stretch-out), 0.063" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats.....	40.46	2.82
			For Up To 25 LF, Add	5.93	
			For >25 To 100 LF, Add	2.96	
			For >1,000 LF, Deduct	-0.47	
07 71 13 00-0026	LF		>22" To 30" Wide (Stretch-out), 0.063" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats.....	50.50	3.09
			For Up To 25 LF, Add	7.11	
			For >25 To 100 LF, Add	3.56	
			For >1,000 LF, Deduct	-0.52	
07 71 13 00-0027	LF		>30" To 42" Wide (Stretch-out), 0.063" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats.....	65.26	3.23
			For Up To 25 LF, Add	8.68	
			For >25 To 100 LF, Add	4.34	
			For >1,000 LF, Deduct	-0.54	
07 71 13 00-0028			KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats (07 71 13 00-0008)		
			Note: Stretch-out width = face height + wall thickness + back leg. Coping system includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.		
07 71 13 00-0029			0.040" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats (07 71 13 00-0028)		
07 71 13 00-0030	LF		10" To 14" Wide (Stretch-out), 0.040" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats.....	37.67	2.48
			For Up To 25 LF, Add	5.42	
			For >25 To 100 LF, Add	2.71	
			For >1,000 LF, Deduct	-0.41	
07 71 13 00-0031	LF		>14" To 16" Wide (Stretch-out), 0.040" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats.....	40.19	2.68
			For Up To 25 LF, Add	5.81	
			For >25 To 100 LF, Add	2.90	
			For >1,000 LF, Deduct	-0.45	
07 71 13 00-0032	LF		>16" To 22" Wide (Stretch-out), 0.040" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats.....	47.05	2.82
			For Up To 25 LF, Add	6.59	
			For >25 To 100 LF, Add	3.29	
			For >1,000 LF, Deduct	-0.47	
07 71 13 00-0033	LF		>22" To 30" Wide (Stretch-out), 0.040" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats.....	56.35	3.09
			For Up To 25 LF, Add	7.70	
			For >25 To 100 LF, Add	3.85	
			For >1,000 LF, Deduct	-0.52	

07 Thermal And Moisture Protection
07 70 Roof and Wall Specialties and Accessories
07 71 Roof Specialties



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 13 00-0034	LF		>30" To 42" Wide (Stretch-out), 0.040" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	70.42	3.23
			For Up To 25 LF, Add	9.20	
			For >25 To 100 LF, Add	4.60	
			For >1,000 LF, Deduct	-0.54	
07 71 13 00-0035			0.050" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats (07 71 13 00-0028)		
07 71 13 00-0036	LF		10" To 14" Wide (Stretch-out), 0.050" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	41.03	2.48
			For Up To 25 LF, Add	5.76	
			For >25 To 100 LF, Add	2.88	
			For >1,000 LF, Deduct	-0.41	
07 71 13 00-0037	LF		>14" To 16" Wide (Stretch-out), 0.050" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	43.76	2.68
			For Up To 25 LF, Add	6.16	
			For >25 To 100 LF, Add	3.08	
			For >1,000 LF, Deduct	-0.45	
07 71 13 00-0038	LF		>16" To 22" Wide (Stretch-out), 0.050" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	51.28	2.82
			For Up To 25 LF, Add	7.01	
			For >25 To 100 LF, Add	3.50	
			For >1,000 LF, Deduct	-0.47	
07 71 13 00-0039	LF		>22" To 30" Wide (Stretch-out), 0.050" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	61.47	3.09
			For Up To 25 LF, Add	8.21	
			For >25 To 100 LF, Add	4.11	
			For >1,000 LF, Deduct	-0.52	
07 71 13 00-0040	LF		>30" To 42" Wide (Stretch-out), 0.050" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	76.93	3.23
			For Up To 25 LF, Add	9.85	
			For >25 To 100 LF, Add	4.92	
			For >1,000 LF, Deduct	-0.54	
07 71 13 00-0041			0.063" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats (07 71 13 00-0028)		
07 71 13 00-0042	LF		10" To 14" Wide (Stretch-out), 0.063" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	43.78	2.48
			For Up To 25 LF, Add	6.03	
			For >25 To 100 LF, Add	3.02	
			For >1,000 LF, Deduct	-0.41	
07 71 13 00-0043	LF		>14" To 16" Wide (Stretch-out), 0.063" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	46.95	2.68
			For Up To 25 LF, Add	6.48	
			For >25 To 100 LF, Add	3.24	
			For >1,000 LF, Deduct	-0.45	
07 71 13 00-0044	LF		>16" To 22" Wide (Stretch-out), 0.063" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	56.55	2.82
			For Up To 25 LF, Add	7.54	
			For >25 To 100 LF, Add	3.77	
			For >1,000 LF, Deduct	-0.47	
07 71 13 00-0045	LF		>22" To 30" Wide (Stretch-out), 0.063" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	70.91	3.09
			For Up To 25 LF, Add	9.16	
			For >25 To 100 LF, Add	4.58	
			For >1,000 LF, Deduct	-0.52	
07 71 13 00-0046	LF		>30" To 42" Wide (Stretch-out), 0.063" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	92.20	3.23
			For Up To 25 LF, Add	11.38	
			For >25 To 100 LF, Add	5.69	
			For >1,000 LF, Deduct	-0.54	
07 71 13 00-0047			Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats (07 71 13 00-0008)		
			Note: Stretch-out width = face height + wall thickness + back leg. Coping system includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.		
07 71 13 00-0048			0.040" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats (07 71 13 00-0047)		
07 71 13 00-0049	LF		10" To 14" Wide (Stretch-out), 0.040" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	39.69	2.48
			For Up To 25 LF, Add	5.62	
			For >25 To 100 LF, Add	2.81	
			For >1,000 LF, Deduct	-0.41	
07 71 13 00-0050	LF		>14" To 16" Wide (Stretch-out), 0.040" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	42.33	2.68
			For Up To 25 LF, Add	6.02	
			For >25 To 100 LF, Add	3.01	
			For >1,000 LF, Deduct	-0.45	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 13 00-0051	LF		>16" To 22" Wide (Stretch-out), 0.040" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats.....	49.59	2.82
			For Up To 25 LF, Add.....	6.64	
			For >25 To 100 LF, Add.....	3.42	
			For >1,000 LF, Deduct.....	-0.47	
07 71 13 00-0052	LF		>22" To 30" Wide (Stretch-out), 0.040" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats.....	59.43	3.09
			For Up To 25 LF, Add.....	8.01	
			For >25 To 100 LF, Add.....	4.00	
			For >1,000 LF, Deduct.....	-0.52	
07 71 13 00-0053	LF		>30" To 42" Wide (Stretch-out), 0.040" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats.....	74.33	3.23
			For Up To 25 LF, Add.....	9.59	
			For >25 To 100 LF, Add.....	4.79	
			For >1,000 LF, Deduct.....	-0.54	
07 71 13 00-0054			0.050" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats (07 71 13 00-0047)		
07 71 13 00-0055	LF		10" To 14" Wide (Stretch-out), 0.050" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats.....	43.24	2.48
			For Up To 25 LF, Add.....	5.98	
			For >25 To 100 LF, Add.....	2.99	
			For >1,000 LF, Deduct.....	-0.41	
07 71 13 00-0056	LF		>14" To 16" Wide (Stretch-out), 0.050" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats.....	46.12	2.68
			For Up To 25 LF, Add.....	6.40	
			For >25 To 100 LF, Add.....	3.20	
			For >1,000 LF, Deduct.....	-0.45	
07 71 13 00-0057	LF		>16" To 22" Wide (Stretch-out), 0.050" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats.....	54.08	2.82
			For Up To 25 LF, Add.....	7.29	
			For >25 To 100 LF, Add.....	3.64	
			For >1,000 LF, Deduct.....	-0.47	
07 71 13 00-0058	LF		>22" To 30" Wide (Stretch-out), 0.050" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats.....	64.85	3.09
			For Up To 25 LF, Add.....	8.55	
			For >25 To 100 LF, Add.....	4.27	
			For >1,000 LF, Deduct.....	-0.52	
07 71 13 00-0059	LF		>30" To 42" Wide (Stretch-out), 0.050" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats.....	81.22	3.23
			For Up To 25 LF, Add.....	10.28	
			For >25 To 100 LF, Add.....	5.14	
			For >1,000 LF, Deduct.....	-0.54	
07 71 13 00-0060			0.063" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats (07 71 13 00-0047)		
07 71 13 00-0061	LF		10" To 14" Wide (Stretch-out), 0.063" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats.....	46.16	2.48
			For Up To 25 LF, Add.....	6.27	
			For >25 To 100 LF, Add.....	3.13	
			For >1,000 LF, Deduct.....	-0.41	
07 71 13 00-0062	LF		>14" To 16" Wide (Stretch-out), 0.063" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats.....	49.50	2.68
			For Up To 25 LF, Add.....	6.74	
			For >25 To 100 LF, Add.....	3.37	
			For >1,000 LF, Deduct.....	-0.45	
07 71 13 00-0063	LF		>16" To 22" Wide (Stretch-out), 0.063" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats.....	59.66	2.82
			For Up To 25 LF, Add.....	7.85	
			For >25 To 100 LF, Add.....	3.92	
			For >1,000 LF, Deduct.....	-0.47	
07 71 13 00-0064	LF		>22" To 30" Wide (Stretch-out), 0.063" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats.....	74.85	3.09
			For Up To 25 LF, Add.....	9.55	
			For >25 To 100 LF, Add.....	4.77	
			For >1,000 LF, Deduct.....	-0.52	
07 71 13 00-0065	LF		>30" To 42" Wide (Stretch-out), 0.063" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats.....	97.40	3.23
			For Up To 25 LF, Add.....	11.90	
			For >25 To 100 LF, Add.....	5.95	
			For >1,000 LF, Deduct.....	-0.54	
07 71 13 00-0066			Removal And Reinstallation Of Metal Coping (07 71 13)		
			Note: Includes storage, cleaning and supply materials.		
07 71 13 00-0067	LF		Removal And Reinstallation Of Metal Coping.....	8.23	
			For Up To 25 LF, Add.....	4.12	
			For >25 To 100 LF, Add.....	2.06	
			For >1,000 LF, Deduct.....	-0.82	

07 71 19 **Manufactured Gravel Stops and Fasciae** (07 71)

07 Thermal And Moisture Protection
07 70 Roof and Wall Specialties and Accessories
07 71 Roof Specialties



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 19 00-0001			Gravel Stop (07 71 19)		
07 71 19 00-0002			Aluminum Gravel Stop (07 71 19 00-0001)		
07 71 19 00-0003			Aluminum Gravel Stop (07 71 19 00-0002)		
07 71 19 00-0004			KYNAR 500® Finish, Aluminum Gravel Stop (07 71 19 00-0003)		
07 71 19 00-0005			0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop (07 71 19 00-0004)		
07 71 19 00-0006	LF		4" To 6" Face Height, 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop.....	38.72	1.95
			For Up To 25 LF, Add	6.16	
			For >25 To 100 LF, Add	3.08	
			For >1,000 LF, Deduct	-0.57	
07 71 19 00-0007	LF		>6" To 10" Face Height, 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop.....	40.03	2.29
			For Up To 25 LF, Add	6.71	
			For >25 To 100 LF, Add	3.36	
			For >1,000 LF, Deduct	-0.68	
07 71 19 00-0008	LF		>10" To 18" Face Height, 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop.....	41.37	2.52
			For Up To 25 LF, Add	7.21	
			For >25 To 100 LF, Add	3.60	
			For >1,000 LF, Deduct	-0.77	
07 71 19 00-0009			0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop (07 71 19 00-0004)		
07 71 19 00-0010	LF		4" To 6" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop.....	41.15	1.95
			For Up To 25 LF, Add	6.41	
			For >25 To 100 LF, Add	3.20	
			For >1,000 LF, Deduct	-0.57	
07 71 19 00-0011	LF		>6" To 10" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop.....	42.56	2.29
			For Up To 25 LF, Add	6.96	
			For >25 To 100 LF, Add	3.48	
			For >1,000 LF, Deduct	-0.68	
07 71 19 00-0012	LF		>10" To 18" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop.....	44.04	2.52
			For Up To 25 LF, Add	7.48	
			For >25 To 100 LF, Add	3.74	
			For >1,000 LF, Deduct	-0.77	
07 71 19 00-0013			0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop (07 71 19 00-0004)		
07 71 19 00-0014	LF		4" To 6" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop.....	44.31	1.95
			For Up To 25 LF, Add	6.72	
			For >25 To 100 LF, Add	3.36	
			For >1,000 LF, Deduct	-0.57	
07 71 19 00-0015	LF		>6" To 10" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop.....	45.59	2.29
			For Up To 25 LF, Add	7.27	
			For >25 To 100 LF, Add	3.63	
			For >1,000 LF, Deduct	-0.68	
07 71 19 00-0016	LF		>10" To 18" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop.....	47.41	2.52
			For Up To 25 LF, Add	7.81	
			For >25 To 100 LF, Add	3.91	
			For >1,000 LF, Deduct	-0.77	
07 71 19 00-0017			0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop (07 71 19 00-0004)		
07 71 19 00-0018	LF		4" To 6" Face Height, 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop.....	46.46	1.95
			For Up To 25 LF, Add	6.94	
			For >25 To 100 LF, Add	3.47	
			For >1,000 LF, Deduct	-0.57	
07 71 19 00-0019	LF		>6" To 10" Face Height, 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop.....	47.82	2.29
			For Up To 25 LF, Add	7.49	
			For >25 To 100 LF, Add	3.75	
			For >1,000 LF, Deduct	-0.68	
07 71 19 00-0020	LF		>10" To 18" Face Height, 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop.....	49.76	2.52
			For Up To 25 LF, Add	8.05	
			For >25 To 100 LF, Add	4.02	
			For >1,000 LF, Deduct	-0.77	
07 71 19 00-0021			Mill Finish, Aluminum Gravel Stop (07 71 19 00-0003)		
07 71 19 00-0022			0.032" Thick, Mill Finish, Aluminum Gravel Stop (07 71 19 00-0021)		
07 71 19 00-0023	LF		4" To 6" Face Height, 0.032" Thick, Mill Finish, Aluminum Gravel Stop.....	25.26	1.95
			For Up To 25 LF, Add	4.82	
			For >25 To 100 LF, Add	2.41	
			For >1,000 LF, Deduct	-0.57	
07 71 19 00-0024	LF		>6" To 10" Face Height, 0.032" Thick, Mill Finish, Aluminum Gravel Stop.....	27.24	2.29
			For Up To 25 LF, Add	5.43	
			For >25 To 100 LF, Add	2.72	
			For >1,000 LF, Deduct	-0.68	
07 71 19 00-0025	LF		>10" To 18" Face Height, 0.032" Thick, Mill Finish, Aluminum Gravel Stop.....	29.23	2.52
			For Up To 25 LF, Add	6.00	
			For >25 To 100 LF, Add	3.00	
			For >1,000 LF, Deduct	-0.77	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 19 00-0026			0.040" Thick, Mill Finish, Aluminum Gravel Stop (07 71 19 00-0021)		
07 71 19 00-0027	LF		4" To 6" Face Height, 0.040" Thick, Mill Finish, Aluminum Gravel Stop	27.28	1.95
			For Up To 25 LF, Add	5.02	
			For >25 To 100 LF, Add	2.51	
			For >1,000 LF, Deduct	-0.57	
07 71 19 00-0028	LF		>6" To 10" Face Height, 0.040" Thick, Mill Finish, Aluminum Gravel Stop	28.99	2.29
			For Up To 25 LF, Add	5.61	
			For >25 To 100 LF, Add	2.50	
			For >1,000 LF, Deduct	-0.68	
07 71 19 00-0029	LF		>10" To 18" Face Height, 0.040" Thick, Mill Finish, Aluminum Gravel Stop	30.57	2.52
			For Up To 25 LF, Add	6.13	
			For >25 To 100 LF, Add	3.06	
			For >1,000 LF, Deduct	-0.77	
07 71 19 00-0030			0.050" Thick, Mill Finish, Aluminum Gravel Stop (07 71 19 00-0021)		
07 71 19 00-0031	LF		4" To 6" Face Height, 0.050" Thick, Mill Finish, Aluminum Gravel Stop	29.30	1.95
			For Up To 25 LF, Add	5.22	
			For >25 To 100 LF, Add	2.61	
			For >1,000 LF, Deduct	-0.57	
07 71 19 00-0032	LF		>6" To 10" Face Height, 0.050" Thick, Mill Finish, Aluminum Gravel Stop	31.01	2.29
			For Up To 25 LF, Add	5.81	
			For >25 To 100 LF, Add	2.90	
			For >1,000 LF, Deduct	-0.68	
07 71 19 00-0033	LF		>10" To 18" Face Height, 0.050" Thick, Mill Finish, Aluminum Gravel Stop	32.76	2.52
			For Up To 25 LF, Add	6.35	
			For >25 To 100 LF, Add	3.17	
			For >1,000 LF, Deduct	-0.77	
07 71 19 00-0034			0.063" Thick, Mill Finish, Aluminum Gravel Stop (07 71 19 00-0021)		
07 71 19 00-0035	LF		4" To 6" Face Height, 0.063" Thick, Mill Finish, Aluminum Gravel Stop	31.49	1.95
			For Up To 25 LF, Add	5.44	
			For >25 To 100 LF, Add	2.72	
			For >1,000 LF, Deduct	-0.57	
07 71 19 00-0036	LF		>6" To 10" Face Height, 0.063" Thick, Mill Finish, Aluminum Gravel Stop	33.03	2.29
			For Up To 25 LF, Add	6.01	
			For >25 To 100 LF, Add	3.01	
			For >1,000 LF, Deduct	-0.68	
07 71 19 00-0037	LF		>10" To 18" Face Height, 0.063" Thick, Mill Finish, Aluminum Gravel Stop	34.39	2.52
			For Up To 25 LF, Add	6.51	
			For >25 To 100 LF, Add	3.26	
			For >1,000 LF, Deduct	-0.77	
07 71 19 00-0038			Clear Anodized Finish, Aluminum Gravel Stop (07 71 19 00-0003)		
07 71 19 00-0039			0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop (07 71 19 00-0038)		
07 71 19 00-0040	LF		4" To 6" Face Height, 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop	46.19	1.95
			For Up To 25 LF, Add	6.91	
			For >25 To 100 LF, Add	3.46	
			For >1,000 LF, Deduct	-0.57	
07 71 19 00-0041	LF		>6" To 10" Face Height, 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop	47.82	2.29
			For Up To 25 LF, Add	7.49	
			For >25 To 100 LF, Add	3.75	
			For >1,000 LF, Deduct	-0.68	
07 71 19 00-0042	LF		>10" To 18" Face Height, 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop	49.27	2.52
			For Up To 25 LF, Add	8.00	
			For >25 To 100 LF, Add	4.00	
			For >1,000 LF, Deduct	-0.77	
07 71 19 00-0043			0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop (07 71 19 00-0038)		
07 71 19 00-0044	LF		4" To 6" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop	49.11	1.95
			For Up To 25 LF, Add	7.20	
			For >25 To 100 LF, Add	3.60	
			For >1,000 LF, Deduct	-0.57	
07 71 19 00-0045	LF		>6" To 10" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop	50.86	2.29
			For Up To 25 LF, Add	7.79	
			For >25 To 100 LF, Add	3.90	
			For >1,000 LF, Deduct	-0.68	
07 71 19 00-0046	LF		>10" To 18" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop	52.46	2.52
			For Up To 25 LF, Add	8.32	
			For >25 To 100 LF, Add	4.16	
			For >1,000 LF, Deduct	-0.77	
07 71 19 00-0047			0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop (07 71 19 00-0038)		
07 71 19 00-0048	LF		4" To 6" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop	52.91	1.95
			For Up To 25 LF, Add	7.58	
			For >25 To 100 LF, Add	3.79	
			For >1,000 LF, Deduct	-0.57	

07 Thermal And Moisture Protection
07 70 Roof and Wall Specialties and Accessories
07 71 Roof Specialties



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 19 00-0049	LF		>6" To 10" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop	54.50	2.29
			For Up To 25 LF, Add	8.16	
			For >25 To 100 LF, Add	4.08	
			For >1,000 LF, Deduct	-0.68	
07 71 19 00-0050	LF		>10" To 18" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop	55.83	2.52
			For Up To 25 LF, Add	8.66	
			For >25 To 100 LF, Add	4.33	
			For >1,000 LF, Deduct	-0.77	
07 71 19 00-0051			0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop (07 71 19 00-0038)		
07 71 19 00-0052	LF		4" To 6" Face Height, 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop	55.48	1.95
			For Up To 25 LF, Add	7.84	
			For >25 To 100 LF, Add	3.92	
			For >1,000 LF, Deduct	-0.57	
07 71 19 00-0053	LF		>6" To 10" Face Height, 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop	57.17	2.29
			For Up To 25 LF, Add	8.43	
			For >25 To 100 LF, Add	4.21	
			For >1,000 LF, Deduct	-0.68	
07 71 19 00-0054	LF		>10" To 18" Face Height, 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop	58.60	2.52
			For Up To 25 LF, Add	8.93	
			For >25 To 100 LF, Add	4.47	
			For >1,000 LF, Deduct	-0.77	
07 71 19 00-0055			Aluminum Gravel Stop System With Continuous Cleat (07 71 19 00-0002)		
			Note: Includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.		
07 71 19 00-0056			KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat (07 71 19 00-0055)		
07 71 19 00-0057			0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat (07 71 19 00-0056)		
07 71 19 00-0058	LF		4" To 6" Face Height, 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	43.68	2.07
			For Up To 25 LF, Add	6.89	
			For >25 To 100 LF, Add	3.45	
			For >1,000 LF, Deduct	-0.63	
07 71 19 00-0059	LF		>6" To 10" Face Height, 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	46.43	2.47
			For Up To 25 LF, Add	7.62	
			For >25 To 100 LF, Add	3.81	
			For >1,000 LF, Deduct	-0.75	
07 71 19 00-0060	LF		>10" To 18" Face Height, 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	49.58	2.81
			For Up To 25 LF, Add	8.35	
			For >25 To 100 LF, Add	4.18	
			For >1,000 LF, Deduct	-0.85	
07 71 19 00-0061			0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat (07 71 19 00-0056)		
07 71 19 00-0062	LF		4" To 6" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	46.11	2.07
			For Up To 25 LF, Add	7.14	
			For >25 To 100 LF, Add	3.57	
			For >1,000 LF, Deduct	-0.63	
07 71 19 00-0063	LF		>6" To 10" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	48.96	2.47
			For Up To 25 LF, Add	7.88	
			For >25 To 100 LF, Add	3.94	
			For >1,000 LF, Deduct	-0.75	
07 71 19 00-0064	LF		>10" To 18" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	52.25	2.81
			For Up To 25 LF, Add	8.62	
			For >25 To 100 LF, Add	4.31	
			For >1,000 LF, Deduct	-0.85	
07 71 19 00-0065			0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat (07 71 19 00-0056)		
07 71 19 00-0066	LF		4" To 6" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	49.27	2.07
			For Up To 25 LF, Add	7.45	
			For >25 To 100 LF, Add	3.73	
			For >1,000 LF, Deduct	-0.63	
07 71 19 00-0067	LF		>6" To 10" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	51.99	2.47
			For Up To 25 LF, Add	8.18	
			For >25 To 100 LF, Add	4.09	
			For >1,000 LF, Deduct	-0.75	
07 71 19 00-0068	LF		>10" To 18" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	55.62	2.81
			For Up To 25 LF, Add	8.95	
			For >25 To 100 LF, Add	4.48	
			For >1,000 LF, Deduct	-0.85	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 19 00-0069			0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat (07 71 19 00-0056)		
07 71 19 00-0070	LF		4" To 6" Face Height, 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat.....	51.42	2.07
			For Up To 25 LF, Add	7.67	
			For >25 To 100 LF, Add	3.83	
			For >1,000 LF, Deduct	-0.63	
07 71 19 00-0071	LF		>6" To 10" Face Height, 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat.....	54.22	2.47
			For Up To 25 LF, Add	8.40	
			For >25 To 100 LF, Add	4.20	
			For >1,000 LF, Deduct	-0.75	
07 71 19 00-0072	LF		>10" To 18" Face Height, 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat.....	57.97	2.81
			For Up To 25 LF, Add	9.19	
			For >25 To 100 LF, Add	4.59	
			For >1,000 LF, Deduct	-0.85	
07 71 19 00-0073			Mill Finish, Aluminum Gravel Stop System With Continuous Cleat (07 71 19 00-0055)		
07 71 19 00-0074			0.032" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat (07 71 19 00-0073)		
07 71 19 00-0075	LF		4" To 6" Face Height, 0.032" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat.....	32.08	2.07
			For Up To 25 LF, Add	5.73	
			For >25 To 100 LF, Add	2.87	
			For >1,000 LF, Deduct	-0.63	
07 71 19 00-0076	LF		>6" To 10" Face Height, 0.032" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat.....	34.33	2.47
			For Up To 25 LF, Add	6.41	
			For >25 To 100 LF, Add	3.21	
			For >1,000 LF, Deduct	-0.75	
07 71 19 00-0077	LF		>10" To 18" Face Height, 0.032" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat.....	36.93	2.81
			For Up To 25 LF, Add	7.09	
			For >25 To 100 LF, Add	3.54	
			For >1,000 LF, Deduct	-0.85	
07 71 19 00-0078			0.040" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat (07 71 19 00-0073)		
07 71 19 00-0079	LF		4" To 6" Face Height, 0.040" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat.....	33.76	2.07
			For Up To 25 LF, Add	5.90	
			For >25 To 100 LF, Add	2.95	
			For >1,000 LF, Deduct	-0.63	
07 71 19 00-0080	LF		>6" To 10" Face Height, 0.040" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat.....	36.08	2.47
			For Up To 25 LF, Add	6.59	
			For >25 To 100 LF, Add	3.29	
			For >1,000 LF, Deduct	-0.75	
07 71 19 00-0081	LF		>10" To 18" Face Height, 0.040" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat.....	38.78	2.81
			For Up To 25 LF, Add	7.27	
			For >25 To 100 LF, Add	3.64	
			For >1,000 LF, Deduct	-0.85	
07 71 19 00-0082			0.050" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat (07 71 19 00-0073)		
07 71 19 00-0083	LF		4" To 6" Face Height, 0.050" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat.....	35.94	2.07
			For Up To 25 LF, Add	6.12	
			For >25 To 100 LF, Add	3.06	
			For >1,000 LF, Deduct	-0.63	
07 71 19 00-0084	LF		>6" To 10" Face Height, 0.050" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat.....	38.17	2.47
			For Up To 25 LF, Add	6.80	
			For >25 To 100 LF, Add	3.40	
			For >1,000 LF, Deduct	-0.75	
07 71 19 00-0085	LF		>10" To 18" Face Height, 0.050" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat.....	40.97	2.81
			For Up To 25 LF, Add	7.49	
			For >25 To 100 LF, Add	3.74	
			For >1,000 LF, Deduct	-0.85	
07 71 19 00-0086			0.063" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat (07 71 19 00-0073)		
07 71 19 00-0087	LF		4" To 6" Face Height, 0.063" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat.....	37.42	2.07
			For Up To 25 LF, Add	6.27	
			For >25 To 100 LF, Add	3.13	
			For >1,000 LF, Deduct	-0.63	
07 71 19 00-0088	LF		>6" To 10" Face Height, 0.063" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat.....	39.71	2.47
			For Up To 25 LF, Add	6.95	
			For >25 To 100 LF, Add	3.48	
			For >1,000 LF, Deduct	-0.75	

07 Thermal And Moisture Protection
07 70 Roof and Wall Specialties and Accessories
07 71 Roof Specialties



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 19 00-0089	LF		>10" To 18" Face Height, 0.063" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat.....	42.59	2.81
			For Up To 25 LF, Add	7.65	
			For >25 To 100 LF, Add	3.83	
			For >1,000 LF, Deduct	-0.85	
07 71 19 00-0090			Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat (07 71 19 00-0055)		
07 71 19 00-0091			0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat (07 71 19 00-0090)		
07 71 19 00-0092	LF		4" To 6" Face Height, 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat.....	51.15	2.07
			For Up To 25 LF, Add	7.64	
			For >25 To 100 LF, Add	3.82	
			For >1,000 LF, Deduct	-0.63	
07 71 19 00-0093	LF		>6" To 10" Face Height, 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat.....	54.23	2.47
			For Up To 25 LF, Add	8.40	
			For >25 To 100 LF, Add	4.20	
			For >1,000 LF, Deduct	-0.75	
07 71 19 00-0094	LF		>10" To 18" Face Height, 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat.....	57.48	2.81
			For Up To 25 LF, Add	9.14	
			For >25 To 100 LF, Add	4.57	
			For >1,000 LF, Deduct	-0.85	
07 71 19 00-0095			0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat (07 71 19 00-0090)		
07 71 19 00-0096	LF		4" To 6" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat.....	54.06	2.07
			For Up To 25 LF, Add	7.93	
			For >25 To 100 LF, Add	3.97	
			For >1,000 LF, Deduct	-0.63	
07 71 19 00-0097	LF		>6" To 10" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat.....	57.27	2.47
			For Up To 25 LF, Add	8.71	
			For >25 To 100 LF, Add	4.35	
			For >1,000 LF, Deduct	-0.75	
07 71 19 00-0098	LF		>10" To 18" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat.....	60.67	2.81
			For Up To 25 LF, Add	9.46	
			For >25 To 100 LF, Add	4.73	
			For >1,000 LF, Deduct	-0.85	
07 71 19 00-0099			0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat (07 71 19 00-0090)		
07 71 19 00-0100	LF		4" To 6" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat.....	57.86	2.07
			For Up To 25 LF, Add	8.31	
			For >25 To 100 LF, Add	4.16	
			For >1,000 LF, Deduct	-0.63	
07 71 19 00-0101	LF		>6" To 10" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat.....	60.90	2.47
			For Up To 25 LF, Add	9.07	
			For >25 To 100 LF, Add	4.54	
			For >1,000 LF, Deduct	-0.75	
07 71 19 00-0102	LF		>10" To 18" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat.....	64.03	2.81
			For Up To 25 LF, Add	9.80	
			For >25 To 100 LF, Add	4.90	
			For >1,000 LF, Deduct	-0.85	
07 71 19 00-0103			0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat (07 71 19 00-0090)		
07 71 19 00-0104	LF		4" To 6" Face Height, 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat.....	60.44	2.07
			For Up To 25 LF, Add	8.57	
			For >25 To 100 LF, Add	4.28	
			For >1,000 LF, Deduct	-0.63	
07 71 19 00-0105	LF		>6" To 10" Face Height, 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat.....	63.57	2.47
			For Up To 25 LF, Add	9.34	
			For >25 To 100 LF, Add	4.67	
			For >1,000 LF, Deduct	-0.75	
07 71 19 00-0106	LF		>10" To 18" Face Height, 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat.....	66.81	2.81
			For Up To 25 LF, Add	10.07	
			For >25 To 100 LF, Add	5.04	
			For >1,000 LF, Deduct	-0.85	
07 71 19 00-0107			Stainless Steel Gravel Stop (07 71 19 00-0001)		



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 19 00-0108			Stainless Steel Gravel Stop (07 71 19 00-0107)		
07 71 19 00-0109			26 Gauge, Stainless Steel Gravel Stop (07 71 19 00-0108)		
07 71 19 00-0110	LF		4" To 6" Face Height, 26 Gauge, Stainless Steel Gravel Stop.....	37.12	1.95
			For Up To 25 LF, Add	6.00	
			For >25 To 100 LF, Add	3.00	
			For >1,000 LF, Deduct	-0.57	
07 71 19 00-0111	LF		>6" To 10" Face Height, 26 Gauge, Stainless Steel Gravel Stop	48.78	2.29
			For Up To 25 LF, Add	7.59	
			For >25 To 100 LF, Add	3.79	
			For >1,000 LF, Deduct	-0.68	
07 71 19 00-0112	LF		>10" To 18" Face Height, 26 Gauge, Stainless Steel Gravel Stop	72.35	2.52
			For Up To 25 LF, Add	10.31	
			For >25 To 100 LF, Add	5.15	
			For >1,000 LF, Deduct	-0.77	
07 71 19 00-0113			24 Gauge, Stainless Steel Gravel Stop (07 71 19 00-0108)		
07 71 19 00-0114	LF		4" To 6" Face Height, 24 Gauge, Stainless Steel Gravel Stop.....	46.22	1.95
			For Up To 25 LF, Add	6.91	
			For >25 To 100 LF, Add	3.46	
			For >1,000 LF, Deduct	-0.57	
07 71 19 00-0115	LF		>6" To 10" Face Height, 24 Gauge, Stainless Steel Gravel Stop	60.92	2.29
			For Up To 25 LF, Add	8.80	
			For >25 To 100 LF, Add	4.40	
			For >1,000 LF, Deduct	-0.68	
07 71 19 00-0116	LF		>10" To 18" Face Height, 24 Gauge, Stainless Steel Gravel Stop	90.56	2.52
			For Up To 25 LF, Add	12.13	
			For >25 To 100 LF, Add	6.06	
			For >1,000 LF, Deduct	-0.77	
07 71 19 00-0117			22 Gauge, Stainless Steel Gravel Stop (07 71 19 00-0108)		
07 71 19 00-0118	LF		4" To 6" Face Height, 22 Gauge, Stainless Steel Gravel Stop.....	55.90	1.95
			For Up To 25 LF, Add	7.88	
			For >25 To 100 LF, Add	3.94	
			For >1,000 LF, Deduct	-0.57	
07 71 19 00-0119	LF		>6" To 10" Face Height, 22 Gauge, Stainless Steel Gravel Stop	73.82	2.29
			For Up To 25 LF, Add	10.09	
			For >25 To 100 LF, Add	5.05	
			For >1,000 LF, Deduct	-0.68	
07 71 19 00-0120	LF		>10" To 18" Face Height, 22 Gauge, Stainless Steel Gravel Stop	109.91	2.52
			For Up To 25 LF, Add	14.06	
			For >25 To 100 LF, Add	7.03	
			For >1,000 LF, Deduct	-0.77	
07 71 19 00-0121			Stainless Steel Gravel Stop System With Continuous Cleat (07 71 19 00-0107)		
			Note: Includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.		
07 71 19 00-0122			26 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat (07 71 19 00-0121)		
07 71 19 00-0123	LF		4" To 6" Face Height, 26 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat.....	43.86	2.07
			For Up To 25 LF, Add	6.91	
			For >25 To 100 LF, Add	3.46	
			For >1,000 LF, Deduct	-0.63	
07 71 19 00-0124	LF		>6" To 10" Face Height, 26 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat.....	57.52	2.47
			For Up To 25 LF, Add	8.73	
			For >25 To 100 LF, Add	4.37	
			For >1,000 LF, Deduct	-0.75	
07 71 19 00-0125	LF		>10" To 18" Face Height, 26 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat.....	83.59	2.81
			For Up To 25 LF, Add	11.75	
			For >25 To 100 LF, Add	5.88	
			For >1,000 LF, Deduct	-0.85	
07 71 19 00-0126			24 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat (07 71 19 00-0121)		
07 71 19 00-0127	LF		4" To 6" Face Height, 24 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat.....	52.97	2.07
			For Up To 25 LF, Add	7.82	
			For >25 To 100 LF, Add	3.91	
			For >1,000 LF, Deduct	-0.63	
07 71 19 00-0128	LF		>6" To 10" Face Height, 24 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat.....	69.66	2.47
			For Up To 25 LF, Add	9.95	
			For >25 To 100 LF, Add	4.97	
			For >1,000 LF, Deduct	-0.75	
07 71 19 00-0129	LF		>10" To 18" Face Height, 24 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat.....	101.79	2.81
			For Up To 25 LF, Add	13.57	
			For >25 To 100 LF, Add	6.79	
			For >1,000 LF, Deduct	-0.85	
07 71 19 00-0130			22 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat (07 71 19 00-0121)		

07 Thermal And Moisture Protection
07 70 Roof and Wall Specialties and Accessories
07 71 Roof Specialties



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 19 00-0131	LF	4" To 6" Face Height, 22 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat	62.64	2.07	
		For Up To 25 LF, Add	8.79		
		For >25 To 100 LF, Add	4.39		
		For >1,000 LF, Deduct	-0.63		
07 71 19 00-0132	LF	>6" To 10" Face Height, 22 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat	82.56	2.47	
		For Up To 25 LF, Add	11.24		
		For >25 To 100 LF, Add	5.62		
		For >1,000 LF, Deduct	-0.75		
07 71 19 00-0133	LF	>10" To 18" Face Height, 22 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat	121.14	2.81	
		For Up To 25 LF, Add	15.51		
		For >25 To 100 LF, Add	7.75		
		For >1,000 LF, Deduct	-0.85		
07 71 19 00-0134		Galvanized Steel Gravel Stop (07 71 19 00-0001)			
07 71 19 00-0135		Galvanized Steel Gravel Stop (07 71 19 00-0134)			
07 71 19 00-0136		KYNAR 500® Finish, Galvanized Steel Gravel Stop (07 71 19 00-0135)			
07 71 19 00-0137		24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop (07 71 19 00-0136)			
07 71 19 00-0138	LF	4" To 6" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop	35.52	1.95	
		For Up To 25 LF, Add	5.84		
		For >25 To 100 LF, Add	2.92		
		For >1,000 LF, Deduct	-0.57		
07 71 19 00-0139	LF	>6" To 10" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop	36.77	2.29	
		For Up To 25 LF, Add	6.39		
		For >25 To 100 LF, Add	3.19		
		For >1,000 LF, Deduct	-0.68		
07 71 19 00-0140	LF	>10" To 18" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop	38.27	2.52	
		For Up To 25 LF, Add	6.90		
		For >25 To 100 LF, Add	3.45		
		For >1,000 LF, Deduct	-0.77		
07 71 19 00-0141		Galvanized Steel Gravel Stop System With Continuous Cleat (07 71 19 00-0134)			
		Note: Includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.			
07 71 19 00-0142		KYNAR 500® Finish, Galvanized Steel Gravel Stop System With Continuous Cleat (07 71 19 00-0141)			
07 71 19 00-0143		24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop System With Continuous Cleat (07 71 19 00-0142)			
07 71 19 00-0144	LF	4" To 6" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop System With Continuous Cleat	40.62	2.07	
		For Up To 25 LF, Add	6.59		
		For >25 To 100 LF, Add	3.29		
		For >1,000 LF, Deduct	-0.63		
07 71 19 00-0145	LF	>6" To 10" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop System With Continuous Cleat	43.36	2.47	
		For Up To 25 LF, Add	7.32		
		For >25 To 100 LF, Add	3.66		
		For >1,000 LF, Deduct	-0.75		
07 71 19 00-0146	LF	>10" To 18" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop System With Continuous Cleat	46.72	2.81	
		For Up To 25 LF, Add	8.06		
		For >25 To 100 LF, Add	4.03		
		For >1,000 LF, Deduct	-0.85		
07 71 19 00-0147		Copper Gravel Stop (07 71 19 00-0001)			
07 71 19 00-0148		Copper Gravel Stop (07 71 19 00-0147)			
07 71 19 00-0149		20 Ounce, Copper Gravel Stop (07 71 19 00-0148)			
07 71 19 00-0150	LF	4" To 6" Face Height, 20 Ounce, Copper Gravel Stop	59.44	1.95	
		For Up To 25 LF, Add	8.24		
		For >25 To 100 LF, Add	4.12		
		For >1,000 LF, Deduct	-0.57		
07 71 19 00-0151	LF	>6" To 10" Face Height, 20 Ounce, Copper Gravel Stop	68.07	2.29	
		For Up To 25 LF, Add	9.52		
		For >25 To 100 LF, Add	4.76		
		For >1,000 LF, Deduct	-0.68		
07 71 19 00-0152	LF	>10" To 18" Face Height, 20 Ounce, Copper Gravel Stop	78.63	2.52	
		For Up To 25 LF, Add	10.94		
		For >25 To 100 LF, Add	5.47		
		For >1,000 LF, Deduct	-0.77		
07 71 19 00-0153		16 Ounce, Copper Gravel Stop (07 71 19 00-0148)			
07 71 19 00-0154	LF	4" To 6" Face Height, 16 Ounce, Copper Gravel Stop	72.18	1.95	
		For Up To 25 LF, Add	9.51		
		For >25 To 100 LF, Add	4.76		
		For >1,000 LF, Deduct	-0.57		



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 19 00-0155	LF		>6" To 10" Face Height, 16 Ounce, Copper Gravel Stop..... For Up To 25 LF, Add For >25 To 100 LF, Add For >1,000 LF, Deduct	83.64 11.07 5.54 -0.68	2.29
07 71 19 00-0156	LF		>10" To 18" Face Height, 16 Ounce, Copper Gravel Stop..... For Up To 25 LF, Add For >25 To 100 LF, Add For >1,000 LF, Deduct	95.62 12.63 6.32 -0.77	2.52
07 71 19 00-0157			Copper Gravel Stop System With Continuous Cleat..... Note: Includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.		
07 71 19 00-0158			20 Ounce, Copper Gravel Stop System With Continuous Cleat..... Note: Includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.		
07 71 19 00-0159	LF		4" To 6" Face Height, 20 Ounce, Copper Gravel Stop System With Continuous Cleat..... For Up To 25 LF, Add For >25 To 100 LF, Add For >1,000 LF, Deduct	61.86 8.71 4.36 -0.63	2.07
07 71 19 00-0160	LF		>6" To 10" Face Height, 20 Ounce, Copper Gravel Stop System With Continuous Cleat..... For Up To 25 LF, Add For >25 To 100 LF, Add For >1,000 LF, Deduct	71.16 10.10 5.05 -0.75	2.47
07 71 19 00-0161	LF		>10" To 18" Face Height, 20 Ounce, Copper Gravel Stop System With Continuous Cleat..... For Up To 25 LF, Add For >25 To 100 LF, Add For >1,000 LF, Deduct	82.55 11.65 5.82 -0.85	2.81
07 71 19 00-0162			16 Ounce, Copper Gravel Stop System With Continuous Cleat..... Note: Includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.		
07 71 19 00-0163	LF		4" To 6" Face Height, 16 Ounce, Copper Gravel Stop System With Continuous Cleat..... For Up To 25 LF, Add For >25 To 100 LF, Add For >1,000 LF, Deduct	74.60 9.98 4.99 -0.63	2.07
07 71 19 00-0164	LF		>6" To 10" Face Height, 16 Ounce, Copper Gravel Stop System With Continuous Cleat..... For Up To 25 LF, Add For >25 To 100 LF, Add For >1,000 LF, Deduct	86.73 11.65 5.83 -0.75	2.47
07 71 19 00-0165	LF		>10" To 18" Face Height, 16 Ounce, Copper Gravel Stop System With Continuous Cleat..... For Up To 25 LF, Add For >25 To 100 LF, Add For >1,000 LF, Deduct	99.54 13.35 6.67 -0.85	2.81
07 71 19 00-0166			Fascia.....		
07 71 19 00-0167			Snap-On Cover Fascia..... Note: Includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.		
07 71 19 00-0168			Galvanized Steel Snap-On Cover Fascia.....		
07 71 19 00-0169			KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia.....		
07 71 19 00-0170			24 Gauge, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia.....		
07 71 19 00-0171	LF		3" To 5" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia System With Continuous Cleat..... For Up To 25 LF, Add For >25 To 100 LF, Add For >1,000 LF, Deduct	43.43 6.64 3.32 -0.57	2.86
07 71 19 00-0172	LF		>5" To 7" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia System With Continuous Cleat..... For Up To 25 LF, Add For >25 To 100 LF, Add For >1,000 LF, Deduct	48.86 7.27 3.64 -0.60	2.98
07 71 19 00-0173	LF		>7" To 9" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia System With Continuous Cleat..... For Up To 25 LF, Add For >25 To 100 LF, Add For >1,000 LF, Deduct	52.34 7.71 3.86 -0.62	3.09
07 71 19 00-0174			Accessories For KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems.....		
07 71 19 00-0175			Fascia Sumps For KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems.....		
07 71 19 00-0176	EA		Fascia Sump For 3" To 5" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems.....	302.60	4.02
07 71 19 00-0177	EA		Fascia Sump For >5" To 7" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems.....	323.21	4.02
07 71 19 00-0178	EA		Fascia Sump For >7" To 9" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems.....	336.15	4.02
07 71 19 00-0179			Fascia Spillout Scuppers For KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems.....		
07 71 19 00-0180	EA		Fascia Spillout Scupper For 3" To 5" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems.....	246.48	4.02

07 Thermal And Moisture Protection
07 70 Roof and Wall Specialties and Accessories
07 71 Roof Specialties



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 19 00-0181	EA		Fascia Spillout Scupper For >5" To 7" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems	256.88	4.02
07 71 19 00-0182	EA		Fascia Spillout Scupper For >7" To 9" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems	263.22	4.02
07 71 19 00-0183			Aluminum Snap-On Cover Fascia (07 71 19 00-0167)		
07 71 19 00-0184			KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat (07 71 19 00-0183)		
07 71 19 00-0185			0.040" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat (07 71 19 00-0184)		
07 71 19 00-0186	LF		3" To 5" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat	24.69	2.86
			For Up To 25 LF, Add	4.76	
			For >25 To 100 LF, Add	2.38	
			For >1,000 LF, Deduct	-0.57	
07 71 19 00-0187	LF		>5" To 7" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat	27.91	2.98
			For Up To 25 LF, Add	5.18	
			For >25 To 100 LF, Add	2.59	
			For >1,000 LF, Deduct	-0.60	
07 71 19 00-0188	LF		>7" To 9" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat	29.62	3.09
			For Up To 25 LF, Add	5.44	
			For >25 To 100 LF, Add	2.72	
			For >1,000 LF, Deduct	-0.62	
07 71 19 00-0189			0.050" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat (07 71 19 00-0184)		
07 71 19 00-0190	LF		3" To 5" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat	25.93	2.86
			For Up To 25 LF, Add	4.89	
			For >25 To 100 LF, Add	2.44	
			For >1,000 LF, Deduct	-0.57	
07 71 19 00-0191	LF		>5" To 7" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat	29.50	2.98
			For Up To 25 LF, Add	5.33	
			For >25 To 100 LF, Add	2.67	
			For >1,000 LF, Deduct	-0.60	
07 71 19 00-0192	LF		>7" To 9" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat	31.40	3.09
			For Up To 25 LF, Add	5.62	
			For >25 To 100 LF, Add	2.81	
			For >1,000 LF, Deduct	-0.62	
07 71 19 00-0193			Accessories For KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems (07 71 19 00-0184)		
07 71 19 00-0194			Fascia Sumps For KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems (07 71 19 00-0193)		
07 71 19 00-0195	EA		Fascia Sump For 3" To 5" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems	158.87	4.02
07 71 19 00-0196	EA		Fascia Sump For >5" To 7" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems	172.27	4.02
07 71 19 00-0197	EA		Fascia Sump For >7" To 9" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems	178.13	4.02
07 71 19 00-0198			Fascia Spillout Scuppers For KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems (07 71 19 00-0193)		
07 71 19 00-0199	EA		Fascia Spillout Scupper For 3" To 5" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems	125.84	4.02
07 71 19 00-0200	EA		Fascia Spillout Scupper For >5" To 7" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems	132.52	4.02
07 71 19 00-0201	EA		Fascia Spillout Scupper For >7" To 9" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems	135.44	4.02
07 71 19 00-0202			Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat (07 71 19 00-0183)		
07 71 19 00-0203			0.040" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat (07 71 19 00-0202)		
07 71 19 00-0204	LF		3" To 5" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat	28.48	2.86
			For Up To 25 LF, Add	5.14	
			For >25 To 100 LF, Add	2.57	
			For >1,000 LF, Deduct	-0.57	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 19 00-0205	LF		>5" To 7" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat.....	32.30	2.98
			For Up To 25 LF, Add	5.61	
			For >25 To 100 LF, Add	2.81	
			For >1,000 LF, Deduct	-0.60	
07 71 19 00-0206	LF		>7" To 9" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat.....	34.30	3.09
			For Up To 25 LF, Add	5.91	
			For >25 To 100 LF, Add	2.96	
			For >1,000 LF, Deduct	-0.62	
07 71 19 00-0207			0.050" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat.....		
07 71 19 00-0208	LF		3" To 5" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat.....	29.96	2.86
			For Up To 25 LF, Add	5.29	
			For >25 To 100 LF, Add	2.64	
			For >1,000 LF, Deduct	-0.57	
07 71 19 00-0209	LF		>5" To 7" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat.....	34.21	2.98
			For Up To 25 LF, Add	5.81	
			For >25 To 100 LF, Add	2.90	
			For >1,000 LF, Deduct	-0.60	
07 71 19 00-0210	LF		>7" To 9" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat.....	36.44	3.09
			For Up To 25 LF, Add	6.12	
			For >25 To 100 LF, Add	3.06	
			For >1,000 LF, Deduct	-0.62	
07 71 19 00-0211			Accessories For Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems.....		
07 71 19 00-0212			Fascia Sumps For Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems.....		
07 71 19 00-0213	EA		Fascia Sump For 3" To 5" Face Height, Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems.....	196.58	4.02
07 71 19 00-0214	EA		Fascia Sump For >5" To 7" Face Height, Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems.....	213.33	4.02
07 71 19 00-0215	EA		Fascia Sump For >7" To 9" Face Height, Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems.....	220.66	4.02
07 71 19 00-0216			Fascia Spillout Scuppers For Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems.....		
07 71 19 00-0217	EA		Fascia Spillout Scupper For 3" To 5" Face Height, Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems.....	155.30	4.02
07 71 19 00-0218	EA		Fascia Spillout Scupper For >5" To 7" Face Height, Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems.....	163.64	4.02
07 71 19 00-0219	EA		Fascia Spillout Scupper For >7" To 9" Face Height, Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems.....	167.29	4.02
07 71 23			Manufactured Gutters and Downspouts.....		
			Note: Includes all necessary support straps.		
07 71 23 00-0001			Aluminum Gutters And Downspouts.....		
07 71 23 00-0002			Aluminum Gutters.....		
			Note: Includes drop outlets, hangers and fasteners. Excludes end caps, miters and downspouts.		
07 71 23 00-0003			K-Style Aluminum Gutters.....		
07 71 23 00-0004	LF		5", 0.027" Thick, K-Style Aluminum Gutter.....	10.38	4.39
			For Up To 100', Add	2.12	
			For >100' To 250', Add	0.88	
			For >1,000', Deduct	-0.72	
			For Kynar 500® Finish, Add	1.42	
07 71 23 00-0005	LF		6", 0.027" Thick, K-Style Aluminum Gutter.....	11.59	4.62
			For Up To 100', Add	2.30	
			For >100' To 250', Add	0.96	
			For >1,000', Deduct	-0.76	
			For Kynar 500® Finish, Add	1.80	
07 71 23 00-0006	LF		5", 0.032" Thick, K-Style Aluminum Gutter.....	10.83	4.39
			For Up To 100', Add	2.17	
			For >100' To 250', Add	0.90	
			For >1,000', Deduct	-0.72	
			For Kynar 500® Finish, Add	1.62	
07 71 23 00-0007	LF		6", 0.032" Thick, K-Style Aluminum Gutter.....	12.18	4.62
			For Up To 100', Add	2.36	
			For >100' To 250', Add	0.99	
			For >1,000', Deduct	-0.76	
			For Kynar 500® Finish, Add	2.07	

07 Thermal And Moisture Protection
07 70 Roof and Wall Specialties and Accessories
07 71 Roof Specialties



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0008	LF	7", 0.032" Thick, K-Style Aluminum Gutter	23.03	4.86	
		For Up To 100', Add	3.53		
		For >100' To 250', Add	1.56		
		For >1,000', Deduct	-0.82		
		For Kynar 500® Finish, Add	6.69		
07 71 23 00-0009	LF	8", 0.032" Thick, K-Style Aluminum Gutter	25.25	5.45	
		For Up To 100', Add	3.88		
		For >100' To 250', Add	1.71		
		For >1,000', Deduct	-0.90		
		For Kynar 500® Finish, Add	7.31		
07 71 23 00-0010	LF	8", 0.040" Thick, K-Style Aluminum Gutter	26.39	5.45	
		For Up To 100', Add	4.19		
		For >100' To 250', Add	1.87		
		For >1,000', Deduct	-0.90		
		For Kynar 500® Finish, Add	8.72		
07 71 23 00-0011		Half Round Aluminum Gutters (07 71 23 00-0002)			
07 71 23 00-0012	LF	5", 0.027" Thick, Half Round Aluminum Gutter	19.46	4.39	
		For Up To 100', Add	3.03		
		For >100' To 250', Add	1.33		
		For >1,000', Deduct	-0.72		
		For Kynar 500® Finish, Add	5.50		
07 71 23 00-0013	LF	6", 0.032" Thick, Half Round Aluminum Gutter	23.50	4.62	
		For Up To 100', Add	3.49		
		For >100' To 250', Add	1.55		
		For >1,000', Deduct	-0.76		
		For Kynar 500® Finish, Add	7.16		
07 71 23 00-0014		Box Style Aluminum Gutters (07 71 23 00-0002)			
07 71 23 00-0015	LF	6", 0.027" Thick, Box Style Aluminum Gutter	20.36	5.45	
		For Up To 100', Add	3.39		
		For >100' To 250', Add	1.47		
		For >1,000', Deduct	-0.90		
		For Kynar 500® Finish, Add	5.11		
07 71 23 00-0016	LF	6", 0.032" Thick, Box Style Aluminum Gutter	20.41	5.45	
		For Up To 100', Add	3.39		
		For >100' To 250', Add	1.47		
		For >1,000', Deduct	-0.90		
		For Kynar 500® Finish, Add	5.13		
07 71 23 00-0017	LF	7", 0.032" Thick, Box Style Aluminum Gutter	23.80	5.81	
		For Up To 100', Add	3.82		
		For >100' To 250', Add	1.67		
		For >1,000', Deduct	-0.96		
		For Kynar 500® Finish, Add	6.39		
07 71 23 00-0018	LF	8", 0.032" Thick, Box Style Aluminum Gutter	26.92	6.16	
		For Up To 100', Add	4.22		
		For >100' To 250', Add	1.86		
		For >1,000', Deduct	-1.02		
		For Kynar 500® Finish, Add	7.53		
07 71 23 00-0019		Aluminum Gutter End Caps (07 71 23 00-0001)			
07 71 23 00-0020		K-Style, Aluminum Gutter End Caps (07 71 23 00-0019)			
07 71 23 00-0021	EA	5", K-Style Aluminum Gutter End Cap	3.46		
		For Kynar 500® Finish, Add	0.49		
07 71 23 00-0022	EA	6", K-Style Aluminum Gutter End Cap	4.35		
		For Kynar 500® Finish, Add	0.89		
07 71 23 00-0023	EA	7", K-Style Aluminum Gutter End Cap	9.76		
		For Kynar 500® Finish, Add	3.33		
07 71 23 00-0024	EA	8", K-Style Aluminum Gutter End Cap	11.41		
		For Kynar 500® Finish, Add	4.07		
07 71 23 00-0025		Half Round, Aluminum Gutter End Caps (07 71 23 00-0019)			
07 71 23 00-0026	EA	5", Half Round Aluminum Gutter End Cap	5.74		
		For Kynar 500® Finish, Add	1.52		
07 71 23 00-0027	EA	6", Half Round Aluminum Gutter End Cap	9.02		
		For Kynar 500® Finish, Add	2.99		
07 71 23 00-0028		Box Style, Aluminum Gutter End Caps (07 71 23 00-0019)			
07 71 23 00-0029	EA	6", Box Style Aluminum Gutter End Cap	10.67		
		For Kynar 500® Finish, Add	3.74		
07 71 23 00-0030	EA	7", Box Style Aluminum Gutter End Cap	11.62		
		For Kynar 500® Finish, Add	4.16		
07 71 23 00-0031	EA	8", Box Style Aluminum Gutter End Cap	13.69		
		For Kynar 500® Finish, Add	5.09		
07 71 23 00-0032		Aluminum Gutter Miters (07 71 23 00-0001)			
		Note: Inside or outside miters.			



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0033			K-Style, Aluminum Gutter Miters (07 71 23 00-0032)		
07 71 23 00-0034	EA		5", K-Style Aluminum Gutter Miter.....	20.62	
			For Kynar 500® Finish, Add	3.89	
07 71 23 00-0035	EA		6", K-Style Aluminum Gutter Miter.....	27.77	
			For Kynar 500® Finish, Add	6.74	
07 71 23 00-0036	EA		7", K-Style Aluminum Gutter Miter.....	85.70	
			For Kynar 500® Finish, Add	32.43	
07 71 23 00-0037	EA		8", K-Style Aluminum Gutter Miter.....	93.05	
			For Kynar 500® Finish, Add	35.31	
07 71 23 00-0038			Half Round, Aluminum Gutter Miters (07 71 23 00-0032)		
07 71 23 00-0039	EA		5", Half Round Aluminum Gutter Miter.....	36.50	
			For Kynar 500® Finish, Add	11.04	
07 71 23 00-0040	EA		6", Half Round Aluminum Gutter Miter.....	57.98	
			For Kynar 500® Finish, Add	20.33	
07 71 23 00-0041			Box Style, Aluminum Gutter Miters (07 71 23 00-0032)		
07 71 23 00-0042	EA		6", Box Style Aluminum Gutter Miter.....	69.28	
			For Kynar 500® Finish, Add	25.42	
07 71 23 00-0043	EA		7", Box Style Aluminum Gutter Miter.....	103.72	
			For Kynar 500® Finish, Add	40.54	
07 71 23 00-0044	EA		8", Box Style Aluminum Gutter Miter.....	112.66	
			For Kynar 500® Finish, Add	44.14	
07 71 23 00-0045			Aluminum Gutter Wire Strainers (07 71 23 00-0001)		
07 71 23 00-0046	EA		3" Diameter, Round Aluminum Wire Strainer.....	15.44	2.96
			For Kynar 500® Finish, Add	4.17	
			For 0.024" Thick, Add	1.30	
			For 0.027" Thick, Add	2.69	
			For 0.031" Thick, Add	3.89	
07 71 23 00-0047	EA		4" Diameter, Round Aluminum Wire Strainer.....	23.24	2.96
			For Kynar 500® Finish, Add	7.68	
			For 0.024" Thick, Add	2.39	
			For 0.027" Thick, Add	4.95	
			For 0.031" Thick, Add	7.17	
07 71 23 00-0048			Aluminum Downspouts (07 71 23 00-0001)		
			Note: Includes elbows, hangers and fasteners.		
07 71 23 00-0049			Round Aluminum Downspouts (07 71 23 00-0048)		
07 71 23 00-0050	LF		3" Diameter, 0.019" Thick, Round Aluminum Downspout.....	7.39	2.84
			For Up To 100', Add	1.20	
			For >100 To 250', Add	0.52	
			For >1,000', Deduct	-0.31	
			For Kynar 500® Finish, Add	1.94	
			For 0.024" Thick, Add	0.60	
			For 0.027" Thick, Add	1.25	
			For 0.031" Thick, Add	1.81	
07 71 23 00-0051	LF		4" Diameter, 0.019" Thick, Round Aluminum Downspout.....	8.41	2.84
			For Up To 100', Add	1.30	
			For >100 To 250', Add	0.57	
			For >1,000', Deduct	-0.31	
			For Kynar 500® Finish, Add	2.40	
			For 0.024" Thick, Add	0.75	
			For 0.027" Thick, Add	1.55	
			For 0.031" Thick, Add	2.24	
07 71 23 00-0052			Rectangular Aluminum Downspouts (07 71 23 00-0048)		
07 71 23 00-0053	LF		2" x 3", 0.019" Thick, Rectangular Aluminum Downspout.....	5.29	2.84
			For Up To 100', Add	0.99	
			For >100 To 250', Add	0.42	
			For >1,000', Deduct	-0.31	
			For Kynar 500® Finish, Add	0.99	
			For 0.024" Thick, Add	0.31	
			For 0.027" Thick, Add	0.64	
			For 0.031" Thick, Add	0.93	
07 71 23 00-0054	LF		3" x 4", 0.019" Thick, Rectangular Aluminum Downspout.....	6.58	2.84
			For Up To 100', Add	1.12	
			For >100 To 250', Add	0.48	
			For >1,000', Deduct	-0.31	
			For Kynar 500® Finish, Add	1.58	
			For 0.024" Thick, Add	0.49	
			For 0.027" Thick, Add	1.02	
			For 0.031" Thick, Add	1.47	

07 Thermal And Moisture Protection
07 70 Roof and Wall Specialties and Accessories
07 71 Roof Specialties



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0055	LF		4" x 5", 0.019" Thick, Rectangular Aluminum Downspout.....	12.00	2.84
			For Up To 100', Add	1.66	
			For >100' To 250', Add	0.75	
			For >1,000', Deduct	-0.31	
			For Kynar 500® Finish, Add	4.01	
			For 0.024" Thick, Add	1.25	
			For 0.027" Thick, Add	2.59	
			For 0.031" Thick, Add	3.75	
07 71 23 00-0056			Aluminum Devices (07 71 23 00-0001)		
07 71 23 00-0057	EA		Thru-Wall Aluminum Scupper Outlet.....	255.80	25.79
			For Kynar 500® Finish, Add	76.41	
07 71 23 00-0058	EA		Aluminum Leader/Conductor Head.....	245.04	28.67
			For Kynar 500® Finish, Add	84.47	
07 71 23 00-0059			Copper Gutters And Downspouts (07 71 23)		
07 71 23 00-0060			Copper Gutters (07 71 23 00-0059)		
			Note: Includes drop outlets, hangers and fasteners. Excludes end caps, miters and downspouts.		
07 71 23 00-0061			K-Style Copper Gutters (07 71 23 00-0060)		
07 71 23 00-0062	LF		4", 16 Ounce, K-Style Copper Gutter.....	18.55	4.15
			For Up To 100', Add	2.89	
			For >100' To 250', Add	1.27	
			For >1,000', Deduct	-0.69	
07 71 23 00-0063	LF		5", 16 Ounce, K-Style Copper Gutter.....	26.18	4.39
			For Up To 100', Add	3.70	
			For >100' To 250', Add	1.67	
			For >1,000', Deduct	-0.72	
07 71 23 00-0064	LF		6", 16 Ounce, K-Style Copper Gutter.....	31.19	4.62
			For Up To 100', Add	4.26	
			For >100' To 250', Add	1.94	
			For >1,000', Deduct	-0.76	
07 71 23 00-0065	LF		5", 20 Ounce, K-Style Copper Gutter.....	33.00	4.39
			For Up To 100', Add	4.38	
			For >100' To 250', Add	2.01	
			For >1,000', Deduct	-0.72	
07 71 23 00-0066	LF		6", 20 Ounce, K-Style Copper Gutter.....	40.84	4.62
			For Up To 100', Add	5.22	
			For >100' To 250', Add	2.42	
			For >1,000', Deduct	-0.76	
07 71 23 00-0067	LF		7", 20 Ounce, K-Style Copper Gutter.....	47.66	4.86
			For Up To 100', Add	5.99	
			For >100' To 250', Add	2.79	
			For >1,000', Deduct	-0.82	
07 71 23 00-0068	LF		8", 20 Ounce, K-Style Copper Gutter.....	52.99	5.45
			For Up To 100', Add	6.65	
			For >100' To 250', Add	3.10	
			For >1,000', Deduct	-0.90	
07 71 23 00-0069			Half Round Copper Gutters (07 71 23 00-0060)		
07 71 23 00-0070	LF		5", 16 Ounce, Half Round Copper Gutter.....	22.64	4.39
			For Up To 100', Add	3.35	
			For >100' To 250', Add	1.49	
			For >1,000', Deduct	-0.72	
07 71 23 00-0071	LF		6", 16 Ounce, Half Round Copper Gutter.....	28.55	4.62
			For Up To 100', Add	3.99	
			For >100' To 250', Add	1.81	
			For >1,000', Deduct	-0.76	
07 71 23 00-0072	LF		7", 16 Ounce, Half Round Copper Gutter.....	47.65	4.86
			For Up To 100', Add	5.99	
			For >100' To 250', Add	2.79	
			For >1,000', Deduct	-0.82	
07 71 23 00-0073	LF		5", 20 Ounce, Half Round Copper Gutter.....	26.36	4.39
			For Up To 100', Add	3.72	
			For >100' To 250', Add	1.68	
			For >1,000', Deduct	-0.72	
07 71 23 00-0074	LF		6", 20 Ounce, Half Round Copper Gutter.....	32.50	4.62
			For Up To 100', Add	4.39	
			For >100' To 250', Add	2.00	
			For >1,000', Deduct	-0.76	
07 71 23 00-0075	LF		7", 20 Ounce, Half Round Copper Gutter.....	50.06	4.86
			For Up To 100', Add	6.23	
			For >100' To 250', Add	2.91	
			For >1,000', Deduct	-0.82	
07 71 23 00-0076	LF		8", 20 Ounce, Half Round Copper Gutter.....	56.87	5.45
			For Up To 100', Add	7.04	
			For >100' To 250', Add	3.29	
			For >1,000', Deduct	-0.90	
07 71 23 00-0077			Box Style Copper Gutters (07 71 23 00-0060)		



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0078	LF	5", 16 Ounce, Box Style Copper Gutter	.....	25.99	4.97
		For Up To 100', Add	.....	3.64	
		For >100' To 250', Add	.....	1.71	
		For >1,000', Deduct	.....	-0.83	
07 71 23 00-0079	LF	6", 16 Ounce, Box Style Copper Gutter	.....	27.92	5.45
		For Up To 100', Add	.....	4.14	
		For >100' To 250', Add	.....	1.85	
		For >1,000', Deduct	.....	-0.90	
07 71 23 00-0080	LF	7", 16 Ounce, Box Style Copper Gutter	.....	33.79	5.81
		For Up To 100', Add	.....	4.82	
		For >100' To 250', Add	.....	2.17	
		For >1,000', Deduct	.....	-0.96	
07 71 23 00-0081	LF	8", 16 Ounce, Box Style Copper Gutter	.....	34.53	6.16
		For Up To 100', Add	.....	4.98	
		For >100' To 250', Add	.....	2.24	
		For >1,000', Deduct	.....	-1.02	
07 71 23 00-0082	LF	5", 20 Ounce, Box Style Copper Gutter	.....	29.62	4.97
		For Up To 100', Add	.....	4.21	
		For >100' To 250', Add	.....	1.90	
		For >1,000', Deduct	.....	-0.83	
07 71 23 00-0083	LF	6", 20 Ounce, Box Style Copper Gutter	.....	31.56	5.45
		For Up To 100', Add	.....	4.51	
		For >100' To 250', Add	.....	2.03	
		For >1,000', Deduct	.....	-0.90	
07 71 23 00-0084	LF	7", 20 Ounce, Box Style Copper Gutter	.....	37.42	5.81
		For Up To 100', Add	.....	5.18	
		For >100' To 250', Add	.....	2.35	
		For >1,000', Deduct	.....	-0.96	
07 71 23 00-0085	LF	8", 20 Ounce, Box Style Copper Gutter	.....	38.16	6.16
		For Up To 100', Add	.....	5.34	
		For >100' To 250', Add	.....	2.42	
		For >1,000', Deduct	.....	-1.02	
07 71 23 00-0086		Copper Gutter End Caps (07 71 23 00-0059)			
07 71 23 00-0087		K-Style, Copper Gutter End Caps (07 71 23 00-0086)			
07 71 23 00-0088	EA	4", K-Style Copper Gutter End Cap	.....	6.39	
07 71 23 00-0089	EA	5", K-Style Copper Gutter End Cap	.....	6.84	
07 71 23 00-0090	EA	6", K-Style Copper Gutter End Cap	.....	7.28	
07 71 23 00-0091	EA	7", K-Style Copper Gutter End Cap	.....	19.18	
07 71 23 00-0092	EA	8", K-Style Copper Gutter End Cap	.....	23.36	
07 71 23 00-0093		Half Round, Copper Gutter End Caps (07 71 23 00-0086)			
07 71 23 00-0094	EA	4", Half Round Copper Gutter End Cap	.....	7.71	
07 71 23 00-0095	EA	5", Half Round Copper Gutter End Cap	.....	8.65	
07 71 23 00-0096	EA	6", Half Round Copper Gutter End Cap	.....	13.01	
07 71 23 00-0097	EA	7", Half Round Copper Gutter End Cap	.....	38.94	
07 71 23 00-0098	EA	8", Half Round Copper Gutter End Cap	.....	45.97	
07 71 23 00-0099		Box Style, Copper Gutter End Caps (07 71 23 00-0086)			
07 71 23 00-0100	EA	5", Box Style Copper Gutter End Cap	.....	14.72	
07 71 23 00-0101	EA	6", Box Style Copper Gutter End Cap	.....	15.45	
07 71 23 00-0102	EA	7", Box Style Copper Gutter End Cap	.....	16.18	
07 71 23 00-0103	EA	8", Box Style Copper Gutter End Cap	.....	17.63	
07 71 23 00-0104		Copper Gutter Miters (07 71 23 00-0059)			
		Note: Inside or outside miters.			
07 71 23 00-0105		K-Style, Copper Gutter Miters (07 71 23 00-0104)			
07 71 23 00-0106	EA	4", K-Style Copper Gutter Miter	.....	40.95	
07 71 23 00-0107	EA	5", K-Style Copper Gutter Miter	.....	46.37	
07 71 23 00-0108	EA	6", K-Style Copper Gutter Miter	.....	66.55	
07 71 23 00-0109	EA	7", K-Style Copper Gutter Miter	.....	93.95	
07 71 23 00-0110	EA	8", K-Style Copper Gutter Miter	.....	110.16	
07 71 23 00-0111		Half Round, Copper Gutter Miters (07 71 23 00-0104)			
07 71 23 00-0112	EA	4", Half Round Copper Gutter Miter	.....	63.68	
07 71 23 00-0113	EA	5", Half Round Copper Gutter Miter	.....	58.97	
07 71 23 00-0114	EA	6", Half Round Copper Gutter Miter	.....	84.77	
07 71 23 00-0115	EA	7", Half Round Copper Gutter Miter	.....	101.02	
07 71 23 00-0116	EA	8", Half Round Copper Gutter Miter	.....	119.31	
07 71 23 00-0117		Box Style, Copper Gutter Miters (07 71 23 00-0104)			
07 71 23 00-0118	EA	5", 16 Ounce Box Style Copper Gutter Miter	.....	70.03	
07 71 23 00-0119	EA	6", 16 Ounce Box Style Copper Gutter Miter	.....	72.31	
07 71 23 00-0120	EA	7", 16 Ounce Box Style Copper Gutter Miter	.....	78.95	

07 Thermal And Moisture Protection
07 70 Roof and Wall Specialties and Accessories
07 71 Roof Specialties



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

07 71 23 00-0121	EA	8", 16 Ounce Box Style Copper Gutter Miter	80.57	
07 71 23 00-0122	EA	5", 20 Ounce Box Style Copper Gutter Miter	77.29	
07 71 23 00-0123	EA	6", 20 Ounce Box Style Copper Gutter Miter	79.58	
07 71 23 00-0124	EA	7", 20 Ounce Box Style Copper Gutter Miter	86.22	
07 71 23 00-0125	EA	8", 20 Ounce Box Style Copper Gutter Miter	94.43	

07 71 23 00-0126 Copper Gutter Wire Strainers (07 71 23 00-0059)

07 71 23 00-0127	EA	2" Diameter, Round Copper Wire Strainer	20.19	2.96
07 71 23 00-0128	EA	3" Diameter, Round Copper Wire Strainer	24.80	2.96
07 71 23 00-0129	EA	4" Diameter, Round Copper Wire Strainer	39.84	2.96
07 71 23 00-0130	EA	5" Diameter, Round Copper Wire Strainer	52.94	2.96
07 71 23 00-0131	EA	6" Diameter, Round Copper Wire Strainer	63.92	2.96

07 71 23 00-0132 Copper Downspouts (07 71 23 00-0059)

Note: Includes elbows, hangers and fasteners.

07 71 23 00-0133 Round Copper Downspouts (07 71 23 00-0132)

07 71 23 00-0134	LF	2" Diameter, 16 Ounce, Round Copper Downspout	26.12	2.84
		For Up To 100', Add	3.07	
		For >100 To 250', Add	1.46	
		For >1,000', Deduct	-0.31	
07 71 23 00-0135	LF	3" Diameter, 16 Ounce, Round Copper Downspout	18.26	2.84
		For Up To 100', Add	2.29	
		For >100 To 250', Add	1.07	
		For >1,000', Deduct	-0.31	
07 71 23 00-0136	LF	4" Diameter, 16 Ounce, Round Copper Downspout	22.96	2.84
		For Up To 100', Add	2.76	
		For >100 To 250', Add	1.30	
		For >1,000', Deduct	-0.31	
07 71 23 00-0137	LF	5" Diameter, 16 Ounce, Round Copper Downspout	36.57	2.84
		For Up To 100', Add	4.12	
		For >100 To 250', Add	1.98	
		For >1,000', Deduct	-0.31	
07 71 23 00-0138	LF	6" Diameter, 16 Ounce, Round Copper Downspout	46.96	2.84
		For Up To 100', Add	5.16	
		For >100 To 250', Add	2.50	
		For >1,000', Deduct	-0.31	
07 71 23 00-0139	LF	3" Diameter, 20 Ounce, Round Copper Downspout	24.63	2.84
		For Up To 100', Add	2.93	
		For >100 To 250', Add	1.39	
		For >1,000', Deduct	-0.31	
07 71 23 00-0140	LF	4" Diameter, 20 Ounce, Round Copper Downspout	31.89	2.84
		For Up To 100', Add	3.65	
		For >100 To 250', Add	1.75	
		For >1,000', Deduct	-0.31	
07 71 23 00-0141	LF	5" Diameter, 20 Ounce, Round Copper Downspout	48.37	2.84
		For Up To 100', Add	5.30	
		For >100 To 250', Add	2.57	
		For >1,000', Deduct	-0.31	

07 71 23 00-0142 Square Copper Downspouts (07 71 23 00-0132)

07 71 23 00-0143	LF	3" Diameter, 16 Ounce, Square Copper Downspout	12.71	2.84
		For Up To 100', Add	1.73	
		For >100 To 250', Add	0.79	
		For >1,000', Deduct	-0.31	
07 71 23 00-0144	LF	4" Diameter, 16 Ounce, Square Copper Downspout	15.83	2.84
		For Up To 100', Add	2.05	
		For >100 To 250', Add	0.95	
		For >1,000', Deduct	-0.31	
07 71 23 00-0145	LF	5" Diameter, 16 Ounce, Square Copper Downspout	22.57	2.84
		For Up To 100', Add	2.72	
		For >100 To 250', Add	1.28	
		For >1,000', Deduct	-0.31	
07 71 23 00-0146	LF	3" Diameter, 20 Ounce, Square Copper Downspout	14.64	2.84
		For Up To 100', Add	1.93	
		For >100 To 250', Add	0.89	
		For >1,000', Deduct	-0.31	
07 71 23 00-0147	LF	4" Diameter, 20 Ounce, Square Copper Downspout	18.54	2.84
		For Up To 100', Add	2.32	
		For >100 To 250', Add	1.08	
		For >1,000', Deduct	-0.31	
07 71 23 00-0148	LF	5" Diameter, 20 Ounce, Square Copper Downspout	26.54	2.84
		For Up To 100', Add	3.12	
		For >100 To 250', Add	1.48	
		For >1,000', Deduct	-0.31	

07 71 23 00-0149 Rectangular Copper Downspouts (07 71 23 00-0132)



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0150	LF	2" x 3", 16 Ounce, Rectangular Copper Downspout	.....	18.74	2.84
		For Up To 100', Add	.....	2.34	
		For >100 To 250', Add	.....	1.09	
		For >1,000', Deduct	.....	-0.31	
07 71 23 00-0151	LF	3" x 4", 16 Ounce, Rectangular Copper Downspout	.....	23.65	2.84
		For Up To 100', Add	.....	2.83	
		For >100 To 250', Add	.....	1.34	
		For >1,000', Deduct	.....	-0.31	
07 71 23 00-0152	LF	4" x 5", 16 Ounce, Rectangular Copper Downspout	.....	33.55	2.84
		For Up To 100', Add	.....	3.82	
		For >100 To 250', Add	.....	1.83	
		For >1,000', Deduct	.....	-0.31	
07 71 23 00-0153	LF	2" x 3", 20 Ounce, Rectangular Copper Downspout	.....	21.79	2.84
		For Up To 100', Add	.....	2.84	
		For >100 To 250', Add	.....	1.24	
		For >1,000', Deduct	.....	-0.31	
07 71 23 00-0154	LF	3" x 4", 20 Ounce, Rectangular Copper Downspout	.....	27.88	2.84
		For Up To 100', Add	.....	3.25	
		For >100 To 250', Add	.....	1.55	
		For >1,000', Deduct	.....	-0.31	
07 71 23 00-0155	LF	4" x 5", 20 Ounce, Rectangular Copper Downspout	.....	39.94	2.84
		For Up To 100', Add	.....	4.46	
		For >100 To 250', Add	.....	2.15	
		For >1,000', Deduct	.....	-0.31	
07 71 23 00-0156		Copper Devices And Accessories (07 71 23 00-0059)			
07 71 23 00-0157	EA	Thru-Wall Copper Scupper Outlet	.....	217.15	25.79
07 71 23 00-0158	EA	Copper Leader/Conductor Head	.....	307.01	28.67
07 71 23 00-0159	EA	Copper Eave Box	.....	137.55	17.78
07 71 23 00-0160		Galvanized Steel Gutters And Downspouts (07 71 23)			
07 71 23 00-0161		Galvanized Steel Gutters (07 71 23 00-0160)			
		Note: Includes drop outlets, hangers and fasteners. Excludes end caps, miters and downspouts.			
07 71 23 00-0162		K-Style Galvanized Steel Gutters (07 71 23 00-0161)			
07 71 23 00-0163	LF	5", 26 Gauge, K-Style Galvanized Steel Gutter	.....	12.84	4.39
		For Up To 100', Add	.....	2.37	
		For >100' To 250', Add	.....	1.00	
		For >1,000', Deduct	.....	-0.72	
		For Kynar 500® Finish, Add	.....	2.52	
		For 24 Gauge, Add	.....	1.57	
		For 22 Gauge, Add	.....	3.09	
07 71 23 00-0164	LF	6", 26 Gauge, K-Style Galvanized Steel Gutter	.....	14.90	4.62
		For Up To 100', Add	.....	2.63	
		For >100' To 250', Add	.....	1.12	
		For >1,000', Deduct	.....	-0.76	
		For Kynar 500® Finish, Add	.....	3.29	
		For 24 Gauge, Add	.....	2.05	
		For 22 Gauge, Add	.....	4.03	
07 71 23 00-0165	LF	7", 26 Gauge, K-Style Galvanized Steel Gutter	.....	30.69	4.86
		For Up To 100', Add	.....	4.29	
		For >100' To 250', Add	.....	1.94	
		For >1,000', Deduct	.....	-0.82	
		For Kynar 500® Finish, Add	.....	10.13	
		For 24 Gauge, Add	.....	6.31	
		For 22 Gauge, Add	.....	12.39	
07 71 23 00-0166	LF	8", 26 Gauge, K-Style Galvanized Steel Gutter	.....	32.39	5.45
		For Up To 100', Add	.....	4.59	
		For >100' To 250', Add	.....	2.07	
		For >1,000', Deduct	.....	-0.90	
		For Kynar 500® Finish, Add	.....	10.52	
		For 24 Gauge, Add	.....	6.55	
		For 22 Gauge, Add	.....	12.86	
07 71 23 00-0167		Half Round Galvanized Steel Gutters (07 71 23 00-0161)			
07 71 23 00-0168	LF	5", 26 Gauge, Half Round Galvanized Steel Gutter	.....	18.63	4.39
		For Up To 100', Add	.....	2.95	
		For >100' To 250', Add	.....	1.29	
		For >1,000', Deduct	.....	-0.72	
		For Kynar 500® Finish, Add	.....	5.13	
		For 24 Gauge, Add	.....	3.19	
		For 22 Gauge, Add	.....	6.27	
07 71 23 00-0169	LF	6", 26 Gauge, Half Round Galvanized Steel Gutter	.....	23.43	4.62
		For Up To 100', Add	.....	3.48	
		For >100' To 250', Add	.....	1.55	
		For >1,000', Deduct	.....	-0.76	
		For Kynar 500® Finish, Add	.....	7.13	
		For 24 Gauge, Add	.....	4.44	
		For 22 Gauge, Add	.....	8.72	

07 Thermal And Moisture Protection
07 70 Roof and Wall Specialties and Accessories
07 71 Roof Specialties



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0170	LF	7", 26 Gauge, Half Round Galvanized Steel Gutter	.....	58.66	4.86
		For Up To 100', Add	.....	7.09	
		For >100' To 250', Add	.....	3.34	
		For >1,000', Deduct	.....	-0.82	
		For Kynar 500® Finish, Add	.....	22.72	
		For 24 Gauge, Add	.....	14.14	
		For 22 Gauge, Add	.....	27.77	
07 71 23 00-0171	LF	8", 26 Gauge, Half Round Galvanized Steel Gutter	.....	62.61	5.45
		For Up To 100', Add	.....	7.61	
		For >100' To 250', Add	.....	3.58	
		For >1,000', Deduct	.....	-0.90	
		For Kynar 500® Finish, Add	.....	24.12	
		For 24 Gauge, Add	.....	15.01	
		For 22 Gauge, Add	.....	29.48	
07 71 23 00-0172		Box Style Galvanized Steel Gutters (07 71 23 00-0161)			
07 71 23 00-0173	LF	5", 24 Gauge, Box Style Galvanized Steel Gutter	.....	22.29	4.97
		For Up To 100', Add	.....	3.47	
		For >100' To 250', Add	.....	1.53	
		For >1,000', Deduct	.....	-0.83	
		For Kynar 500® Finish, Add	.....	6.30	
		For 22 Gauge, Add	.....	3.08	
07 71 23 00-0174	LF	6", 24 Gauge, Box Style Galvanized Steel Gutter	.....	26.13	5.45
		For Up To 100', Add	.....	3.96	
		For >100' To 250', Add	.....	1.76	
		For >1,000', Deduct	.....	-0.90	
		For Kynar 500® Finish, Add	.....	7.70	
		For 22 Gauge, Add	.....	3.77	
07 71 23 00-0175	LF	7", 24 Gauge, Box Style Galvanized Steel Gutter	.....	32.92	4.86
		For Up To 100', Add	.....	4.52	
		For >100' To 250', Add	.....	2.05	
		For >1,000', Deduct	.....	-0.82	
		For Kynar 500® Finish, Add	.....	11.14	
		For 22 Gauge, Add	.....	5.45	
07 71 23 00-0176	LF	8", 24 Gauge, Box Style Galvanized Steel Gutter	.....	36.60	6.16
		For Up To 100', Add	.....	5.19	
		For >100' To 250', Add	.....	2.34	
		For >1,000', Deduct	.....	-1.02	
		For Kynar 500® Finish, Add	.....	11.88	
		For 22 Gauge, Add	.....	5.81	
07 71 23 00-0177		Galvanized Steel Gutter End Caps (07 71 23 00-0160)			
07 71 23 00-0178		K-Style, Galvanized Steel Gutter End Caps (07 71 23 00-0177)			
07 71 23 00-0179	EA	5", K-Style Galvanized Steel Gutter End Cap	.....	5.73	
		For Kynar 500® Finish, Add	.....	1.51	
07 71 23 00-0180	EA	6", K-Style Galvanized Steel Gutter End Cap	.....	6.61	
		For Kynar 500® Finish, Add	.....	1.91	
07 71 23 00-0181	EA	7", K-Style Galvanized Steel Gutter End Cap	.....	14.46	
		For Kynar 500® Finish, Add	.....	5.44	
07 71 23 00-0182	EA	8", K-Style Galvanized Steel Gutter End Cap	.....	21.01	
		For Kynar 500® Finish, Add	.....	8.39	
07 71 23 00-0183		Half Round, Galvanized Steel Gutter End Caps (07 71 23 00-0177)			
07 71 23 00-0184	EA	5", Half Round Galvanized Steel Gutter End Cap	.....	7.39	
		For Kynar 500® Finish, Add	.....	2.26	
07 71 23 00-0185	EA	6", Half Round Galvanized Steel Gutter End Cap	.....	8.52	
		For Kynar 500® Finish, Add	.....	2.77	
07 71 23 00-0186	EA	7", Half Round Galvanized Steel Gutter End Cap	.....	15.96	
		For Kynar 500® Finish, Add	.....	6.12	
07 71 23 00-0187	EA	8", Half Round Galvanized Steel Gutter End Cap	.....	21.60	
		For Kynar 500® Finish, Add	.....	8.65	
07 71 23 00-0188		Box Style, Galvanized Steel Gutter End Caps (07 71 23 00-0177)			
07 71 23 00-0189	EA	5", Box Style Galvanized Steel Gutter End Cap	.....	13.33	
		For Kynar 500® Finish, Add	.....	4.93	
07 71 23 00-0190	EA	6", Box Style Galvanized Steel Gutter End Cap	.....	16.07	
		For Kynar 500® Finish, Add	.....	6.17	
07 71 23 00-0191	EA	7", Box Style Galvanized Steel Gutter End Cap	.....	18.01	
		For Kynar 500® Finish, Add	.....	7.04	
07 71 23 00-0192	EA	8", Box Style Galvanized Steel Gutter End Cap	.....	24.16	
		For Kynar 500® Finish, Add	.....	9.81	
07 71 23 00-0193		Galvanized Steel Gutter Miters (07 71 23 00-0160)			
		Note: Inside or outside miters.			
07 71 23 00-0194		K-Style, Galvanized Steel Gutter Miters (07 71 23 00-0193)			
07 71 23 00-0195	EA	5", K-Style Galvanized Steel Gutter Miter	.....	34.74	
		For Kynar 500® Finish, Add	.....	10.25	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0196	EA		6", K-Style Galvanized Steel Gutter Miter..... For Kynar 500® Finish, Add	56.36 19.60	
07 71 23 00-0197	EA		7", K-Style Galvanized Steel Gutter Miter..... For Kynar 500® Finish, Add	90.24 34.47	
07 71 23 00-0198	EA		8", K-Style Galvanized Steel Gutter Miter..... For Kynar 500® Finish, Add	101.45 39.09	
07 71 23 00-0199			Half Round, Galvanized Steel Gutter Miters (07 71 23 00-0193)		
07 71 23 00-0200	EA		5", Half Round Galvanized Steel Gutter Miter..... For Kynar 500® Finish, Add	47.61 16.04	
07 71 23 00-0201	EA		6", Half Round Galvanized Steel Gutter Miter..... For Kynar 500® Finish, Add	53.52 18.32	
07 71 23 00-0202	EA		7", Half Round Galvanized Steel Gutter Miter..... For Kynar 500® Finish, Add	152.09 62.31	
07 71 23 00-0203	EA		8", Half Round Galvanized Steel Gutter Miter..... For Kynar 500® Finish, Add	180.73 65.77	
07 71 23 00-0204			Box Style, Galvanized Steel Gutter Miters (07 71 23 00-0193)		
07 71 23 00-0205	EA		5", Box Style Galvanized Steel Gutter Miter..... For Kynar 500® Finish, Add	45.03 14.88	
07 71 23 00-0206	EA		6", Box Style Galvanized Steel Gutter Miter..... For Kynar 500® Finish, Add	73.40 27.27	
07 71 23 00-0207	EA		7", Box Style Galvanized Steel Gutter Miter..... For Kynar 500® Finish, Add	95.37 36.78	
07 71 23 00-0208	EA		8", Box Style Galvanized Steel Gutter Miter..... For Kynar 500® Finish, Add	101.45 39.09	
07 71 23 00-0209			Galvanized Steel Gutter Wire Strainers (07 71 23 00-0160)		
07 71 23 00-0210	EA		3" Diameter, Round Galvanized Steel Wire Strainer..... For Kynar 500® Finish, Add	13.55 3.32	2.96
07 71 23 00-0211	EA		4" Diameter, Round Galvanized Steel Wire Strainer..... For Kynar 500® Finish, Add	19.84 6.15	2.96
07 71 23 00-0212			Galvanized Steel Downspouts (07 71 23 00-0160) Note: Includes elbows, hangers and fasteners.		
07 71 23 00-0213			Round Galvanized Steel Downspouts (07 71 23 00-0212)		
07 71 23 00-0214	LF		3" Diameter, 26 Gauge, Round Galvanized Steel Downspout..... For Up To 100', Add For >100 To 250', Add For >1,000', Deduct For Kynar 500® Finish, Add For 24 Gauge, Add For 22 Gauge, Add	7.17 1.18 0.51 -0.31 1.84 1.15 2.25	2.84
07 71 23 00-0215	LF		4" Diameter, 26 Gauge, Round Galvanized Steel Downspout..... For Up To 100', Add For >100 To 250', Add For >1,000', Deduct For Kynar 500® Finish, Add For 24 Gauge, Add For 22 Gauge, Add	8.93 1.36 0.60 -0.31 2.63 1.64 3.22	2.84
07 71 23 00-0216	LF		5" Diameter, 26 Gauge, Round Galvanized Steel Downspout..... For Up To 100', Add For >100 To 250', Add For >1,000', Deduct For Kynar 500® Finish, Add For 24 Gauge, Add For 22 Gauge, Add	12.17 1.68 0.76 -0.31 4.09 2.55 5.00	2.84
07 71 23 00-0217	LF		6" Diameter, 26 Gauge, Round Galvanized Steel Downspout..... For Up To 100', Add For >100 To 250', Add For >1,000', Deduct For Kynar 500® Finish, Add For 24 Gauge, Add For 22 Gauge, Add	27.13 3.18 1.51 -0.31 10.82 6.73 13.23	2.84
07 71 23 00-0218			Square Galvanized Steel Downspouts (07 71 23 00-0212)		
07 71 23 00-0219	LF		4" x 4", 26 Gauge, Square Galvanized Steel Downspout..... For Up To 100', Add For >100 To 250', Add For >1,000', Deduct For Kynar 500® Finish, Add For 24 Gauge, Add For 22 Gauge, Add	8.15 1.28 0.56 -0.31 2.28 1.42 2.79	2.84

07 Thermal And Moisture Protection
07 70 Roof and Wall Specialties and Accessories
07 71 Roof Specialties



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0220	LF		5" x 5", 26 Gauge, Square Galvanized Steel Downspout	10.46	2.84
			For Up To 100', Add	1.51	
			For >100 To 250', Add	0.68	
			For >1,000', Deduct	-0.31	
			For Kynar 500® Finish, Add	3.32	
			For 24 Gauge, Add	2.07	
			For 22 Gauge, Add	4.06	
07 71 23 00-0221			Rectangular Galvanized Steel Downspouts (07 71 23 00-0212)		
07 71 23 00-0222	LF		2" x 3", 26 Gauge, Rectangular Galvanized Steel Downspout.....	7.31	2.84
			For Up To 100', Add	1.19	
			For >100 To 250', Add	0.52	
			For >1,000', Deduct	-0.31	
			For Kynar 500® Finish, Add	1.90	
			For 24 Gauge, Add	1.18	
			For 22 Gauge, Add	2.33	
07 71 23 00-0223	LF		3" x 4", 26 Gauge, Rectangular Galvanized Steel Downspout.....	9.33	2.84
			For Up To 100', Add	1.40	
			For >100 To 250', Add	0.62	
			For >1,000', Deduct	-0.31	
			For Kynar 500® Finish, Add	2.81	
			For 24 Gauge, Add	1.75	
			For 22 Gauge, Add	3.44	
07 71 23 00-0224	LF		4" x 5", 26 Gauge, Rectangular Galvanized Steel Downspout.....	17.37	2.84
			For Up To 100', Add	2.20	
			For >100 To 250', Add	1.02	
			For >1,000', Deduct	-0.31	
			For Kynar 500® Finish, Add	6.43	
			For 24 Gauge, Add	4.00	
			For 22 Gauge, Add	7.86	
07 71 23 00-0225			Galvanized Steel Devices (07 71 23 00-0160)		
07 71 23 00-0226	EA		Galvanized Steel Leader/Conductor Head.....	318.90	28.67
			For Kynar 500® Finish, Add	117.71	
07 71 23 00-0227	EA		Thru-Wall Galvanized Steel Scupper Outlet.....	192.47	25.79
			For Kynar 500® Finish, Add	47.92	
07 71 23 00-0228			Stainless Steel Gutters And Downspouts (07 71 23)		
			Note: AISI type 304 stainless steel.		
07 71 23 00-0229			Stainless Steel Gutters (07 71 23 00-0228)		
			Note: Includes drop outlets, hangers and fasteners. Excludes end caps, miters and downspouts.		
07 71 23 00-0230			K-Style, Stainless Steel Gutters (07 71 23 00-0229)		
07 71 23 00-0231	LF		5", 26 Gauge, K-Style Stainless Steel Gutter.....	28.43	4.39
			For Up To 100', Add	3.93	
			For >100' To 250', Add	1.78	
			For >1,000', Deduct	-0.72	
			For 316 Stainless Steel, Add	8.06	
			For 24 Gauge, Add	7.00	
			For 22 Gauge, Add	13.99	
			For 20 Gauge, Add	20.99	
07 71 23 00-0232	LF		6", 26 Gauge, K-Style Stainless Steel Gutter.....	34.09	4.62
			For Up To 100', Add	4.55	
			For >100' To 250', Add	2.08	
			For >1,000', Deduct	-0.76	
			For 316 Stainless Steel, Add	10.07	
			For 24 Gauge, Add	8.75	
			For 22 Gauge, Add	17.50	
			For 20 Gauge, Add	26.24	
07 71 23 00-0233			Half Round, Stainless Steel Gutters (07 71 23 00-0229)		
07 71 23 00-0234	LF		5", 26 Gauge, Half Round Stainless Steel Gutter	39.33	4.39
			For Up To 100', Add	5.02	
			For >100' To 250', Add	2.33	
			For >1,000', Deduct	-0.72	
			For 316 Stainless Steel, Add	12.20	
			For 24 Gauge, Add	10.59	
			For 22 Gauge, Add	21.19	
			For 20 Gauge, Add	31.78	
07 71 23 00-0235	LF		6", 26 Gauge, Half Round Stainless Steel Gutter	47.64	4.62
			For Up To 100', Add	5.90	
			For >100' To 250', Add	2.76	
			For >1,000', Deduct	-0.76	
			For 316 Stainless Steel, Add	15.22	
			For 24 Gauge, Add	13.22	
			For 22 Gauge, Add	26.44	
			For 20 Gauge, Add	39.66	
07 71 23 00-0236			Box Style, Stainless Steel Gutters (07 71 23 00-0229)		



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0237	LF		5", 26 Gauge, Box Style Stainless Steel Gutter	38.53	4.97
			For Up To 100', Add	5.10	
			For >100' To 250', Add	2.34	
			For >1,000', Deduct	-0.83	
			For 316 Stainless Steel, Add	11.49	
			For 24 Gauge, Add	9.98	
			For 22 Gauge, Add	19.95	
			For 20 Gauge, Add	29.93	
			For 18 Gauge, Add	50.18	
			For Seamless Gutter, Add	-0.27	
07 71 23 00-0238	LF		6", 26 Gauge, Box Style Stainless Steel Gutter	46.99	5.45
			For Up To 100', Add	6.05	
			For >100' To 250', Add	2.80	
			For >1,000', Deduct	-0.90	
			For 316 Stainless Steel, Add	14.43	
			For 24 Gauge, Add	12.53	
			For 22 Gauge, Add	25.07	
			For 20 Gauge, Add	37.60	
			For 18 Gauge, Add	63.05	
			For Seamless Gutter, Add	-0.55	
07 71 23 00-0239	LF		7", 26 Gauge, Box Style Stainless Steel Gutter	55.48	5.81
			For Up To 100', Add	6.99	
			For >100' To 250', Add	3.25	
			For >1,000', Deduct	-0.96	
			For 316 Stainless Steel, Add	17.44	
			For 24 Gauge, Add	15.14	
			For 22 Gauge, Add	30.29	
			For 20 Gauge, Add	45.43	
			For 18 Gauge, Add	76.18	
			For Seamless Gutter, Add	-0.86	
07 71 23 00-0240	LF		8", 26 Gauge, Box Style Stainless Steel Gutter	60.33	6.16
			For Up To 100', Add	7.56	
			For >100' To 250', Add	3.53	
			For >1,000', Deduct	-1.02	
			For 316 Stainless Steel, Add	19.05	
			For 24 Gauge, Add	16.55	
			For 22 Gauge, Add	33.09	
			For 20 Gauge, Add	49.64	
			For 18 Gauge, Add	83.23	
			For Seamless Gutter, Add	-0.98	
07 71 23 00-0241			Stainless Steel Gutter End Caps (07 71 23 00-0228)		
07 71 23 00-0242			K-Style, Stainless Steel Gutter End Caps (07 71 23 00-0241)		
07 71 23 00-0243	EA		5", K-Style Stainless Steel Gutter End Cap	9.00	
			For 316 Stainless Steel, Add	2.52	
07 71 23 00-0244	EA		6", K-Style Stainless Steel Gutter End Cap	10.33	
			For 316 Stainless Steel, Add	3.02	
07 71 23 00-0245			Half Round, Stainless Steel Gutter End Caps (07 71 23 00-0241)		
07 71 23 00-0246	EA		5", Half Round Stainless Steel Gutter End Cap	10.66	
			For 316 Stainless Steel, Add	3.15	
07 71 23 00-0247	EA		6", Half Round Stainless Steel Gutter End Cap	12.32	
			For 316 Stainless Steel, Add	3.78	
07 71 23 00-0248			Box Style, Stainless Steel Gutter End Caps (07 71 23 00-0241)		
07 71 23 00-0249	EA		5", Box Style Stainless Steel Gutter End Cap	11.25	
			For 316 Stainless Steel, Add	3.15	
07 71 23 00-0250	EA		6", Box Style Stainless Steel Gutter End Cap	12.91	
			For 316 Stainless Steel, Add	3.78	
07 71 23 00-0251	EA		7", Box Style Stainless Steel Gutter End Cap	13.50	
			For 316 Stainless Steel, Add	4.08	
07 71 23 00-0252	EA		8", Box Style Stainless Steel Gutter End Cap	16.38	
			For 316 Stainless Steel, Add	5.03	
07 71 23 00-0253			Stainless Steel Gutter Miters (07 71 23 00-0228)		
			Note: Inside or outside box miters.		
07 71 23 00-0254			K-Style, Stainless Steel Gutter Miters (07 71 23 00-0253)		
07 71 23 00-0255	EA		5", K-Style Stainless Steel Gutter Miter	46.23	
			For 316 Stainless Steel, Add	13.02	
07 71 23 00-0256	EA		6", K-Style Stainless Steel Gutter Miter	73.59	
			For 316 Stainless Steel, Add	23.10	
07 71 23 00-0257			Half Round, Stainless Steel Gutter Miters (07 71 23 00-0253)		
07 71 23 00-0258	EA		5", Half Round Stainless Steel Gutter Miter	112.55	
			For 316 Stainless Steel, Add	38.22	
07 71 23 00-0259	EA		6", Half Round Stainless Steel Gutter Miter	137.65	
			For 316 Stainless Steel, Add	47.44	

07 Thermal And Moisture Protection
07 70 Roof and Wall Specialties and Accessories
07 71 Roof Specialties



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

07 71 23 00-0260		Box-Style, Stainless Steel Gutter Miters (07 71 23 00-0253)			
07 71 23 00-0261	EA	5", Box-Style Stainless Steel Gutter Miter.....	53.08		
		For 316 Stainless Steel, Add.....	15.62		
07 71 23 00-0262	EA	6", Box-Style Stainless Steel Gutter Miter.....	85.75		
		For 316 Stainless Steel, Add.....	27.72		
07 71 23 00-0263	EA	7", Box-Style Stainless Steel Gutter Miter.....	98.73		
		For 316 Stainless Steel, Add.....	32.34		
07 71 23 00-0264	EA	8", Box-Style Stainless Steel Gutter Miter.....	111.84		
		For 316 Stainless Steel, Add.....	36.96		
07 71 23 00-0265		Stainless Steel Gutter Wire Strainers (07 71 23 00-0228)			
07 71 23 00-0266	EA	3" Diameter, Round Stainless Steel Wire Strainer.....	45.87	2.96	
07 71 23 00-0267	EA	4" Diameter, Round Stainless Steel Wire Strainer.....	46.96	2.96	
07 71 23 00-0268		Stainless Steel Downspouts (07 71 23 00-0228)			
		Note: Includes elbows, hangers and fasteners.			
07 71 23 00-0269		Round Stainless Steel Downspouts (07 71 23 00-0268)			
07 71 23 00-0270	LF	3" Diameter, 26 Gauge, Round Stainless Steel Downspout.....	16.78	2.84	
		For Up To 100', Add.....	2.14		
		For >100 To 250', Add.....	0.99		
		For >1,000', Deduct.....	-0.31		
		For 316 Stainless Steel, Add.....	5.21		
		For 24 Gauge, Add.....	4.52		
		For 22 Gauge, Add.....	9.04		
		For 20 Gauge, Add.....	13.56		
07 71 23 00-0271	LF	4" Diameter, 26 Gauge, Round Stainless Steel Downspout.....	22.09	2.84	
		For Up To 100', Add.....	2.67		
		For >100 To 250', Add.....	1.26		
		For >1,000', Deduct.....	-0.31		
		For 316 Stainless Steel, Add.....	7.22		
		For 24 Gauge, Add.....	6.27		
		For 22 Gauge, Add.....	12.55		
		For 20 Gauge, Add.....	18.82		
07 71 23 00-0272	LF	5" Diameter, 26 Gauge, Round Stainless Steel Downspout.....	32.12	2.84	
		For Up To 100', Add.....	3.67		
		For >100 To 250', Add.....	1.76		
		For >1,000', Deduct.....	-0.31		
		For 316 Stainless Steel, Add.....	11.04		
		For 24 Gauge, Add.....	9.58		
		For 22 Gauge, Add.....	19.17		
		For 20 Gauge, Add.....	28.75		
07 71 23 00-0273		Rectangular Stainless Steel Downspouts (07 71 23 00-0268)			
07 71 23 00-0274	LF	2" x 3", 26 Gauge, Rectangular Stainless Steel Downspout.....	17.17	2.84	
		For Up To 100', Add.....	2.18		
		For >100 To 250', Add.....	1.01		
		For >1,000', Deduct.....	-0.31		
		For 316 Stainless Steel, Add.....	5.35		
		For 24 Gauge, Add.....	4.65		
		For 22 Gauge, Add.....	9.30		
		For 20 Gauge, Add.....	13.95		
		For 18 Gauge, Add.....	23.39		
07 71 23 00-0275	LF	3" x 4", 26 Gauge, Rectangular Stainless Steel Downspout.....	22.89	2.84	
		For Up To 100', Add.....	2.75		
		For >100 To 250', Add.....	1.30		
		For >1,000', Deduct.....	-0.31		
		For 316 Stainless Steel, Add.....	7.53		
		For 24 Gauge, Add.....	6.54		
		For 22 Gauge, Add.....	13.07		
		For 20 Gauge, Add.....	19.61		
		For 18 Gauge, Add.....	32.88		
07 71 23 00-0276	LF	4" x 5", 26 Gauge, Rectangular Stainless Steel Downspout.....	29.57	2.84	
		For Up To 100', Add.....	3.42		
		For >100 To 250', Add.....	1.63		
		For >1,000', Deduct.....	-0.31		
		For 316 Stainless Steel, Add.....	10.07		
		For 24 Gauge, Add.....	8.74		
		For 22 Gauge, Add.....	17.48		
		For 20 Gauge, Add.....	26.23		
		For 18 Gauge, Add.....	43.97		
07 71 23 00-0277		Stainless Steel Devices (07 71 23 00-0228)			
07 71 23 00-0278	EA	Thru-Wall Stainless Steel Scupper Outlet.....	268.89	26.66	
		For 316 Stainless Steel, Add.....	68.41		
07 71 23 00-0279	EA	Stainless Steel Leader/Conductor Head.....	425.46	26.66	
		For 316 Stainless Steel, Add.....	139.16		



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0280			Vinyl Gutters And Downspouts (07 71 23)		
07 71 23 00-0281			Vinyl Gutters (07 71 23 00-0280) Note: Includes drop outlets, hangers and fasteners. Excludes end caps, miters and downspouts.		
07 71 23 00-0282			K-Style Vinyl Gutters (07 71 23 00-0281)		
07 71 23 00-0283	LF		4", K-Style Vinyl Gutter..... For Up To 100', Add For >100' To 250', Add For >1,000', Deduct	11.61 1.90 0.83 -0.49	2.96
07 71 23 00-0284	LF		5", K-Style Vinyl Gutter..... For Up To 100', Add For >100' To 250', Add For >1,000', Deduct	15.04 2.25 1.00 -0.49	2.96
07 71 23 00-0285			Half Round Vinyl Gutters (07 71 23 00-0281)		
07 71 23 00-0286	LF		4", Half Round Vinyl Gutter..... For Up To 100', Add For >100' To 250', Add For >1,000', Deduct	12.00 1.94 0.85 -0.49	2.96
07 71 23 00-0287	LF		5", Half Round Vinyl Gutter..... For Up To 100', Add For >100' To 250', Add For >1,000', Deduct	12.63 2.00 0.88 -0.49	2.96
07 71 23 00-0288			Vinyl Gutter End Caps (07 71 23 00-0280)		
07 71 23 00-0289			K-Style, Vinyl Gutter End Caps (07 71 23 00-0288)		
07 71 23 00-0290	EA		4", K-Style Vinyl Gutter End Cap.....	7.21	
07 71 23 00-0291	EA		5", K-Style Vinyl Gutter End Cap.....	10.06	
07 71 23 00-0292			Half Round, Vinyl Gutter End Caps (07 71 23 00-0288)		
07 71 23 00-0293	EA		4", Half Round Vinyl Gutter End Cap.....	8.26	
07 71 23 00-0294	EA		5", Half Round Vinyl Gutter End Cap.....	7.79	
07 71 23 00-0295			Vinyl Gutter Miters (07 71 23 00-0280) Note: Inside or outside miters.		
07 71 23 00-0296			K-Style, Vinyl Gutter Miters (07 71 23 00-0295)		
07 71 23 00-0297	EA		4", K-Style Vinyl Gutter Miter.....	18.05	
07 71 23 00-0298	EA		5", K-Style Vinyl Gutter Miter.....	27.25	
07 71 23 00-0299			Half Round, Vinyl Gutter Miters (07 71 23 00-0295)		
07 71 23 00-0300	EA		4", Half Round Vinyl Gutter Miter.....	18.05	
07 71 23 00-0301	EA		5", Half Round Vinyl Gutter Miter.....	19.64	
07 71 23 00-0302			Vinyl Downspouts (07 71 23 00-0280) Note: Includes elbows, hangers and fasteners.		
07 71 23 00-0303			Round Vinyl Downspouts (07 71 23 00-0302)		
07 71 23 00-0304	LF		2-1/2" Diameter, Round Vinyl Downspout..... For Up To 100', Add For >100' To 250', Add For >1,000', Deduct	7.63 1.23 0.54 -0.31	2.84
07 71 23 00-0305	LF		3" Diameter, Round Vinyl Downspout..... For Up To 100', Add For >100' To 250', Add For >1,000', Deduct	7.97 1.26 0.55 -0.31	2.84
07 71 23 00-0306			Square Vinyl Downspouts (07 71 23 00-0302)		
07 71 23 00-0307	LF		2-1/2", Square Vinyl Downspout..... For Up To 100', Add For >100' To 250', Add For >1,000', Deduct	7.49 1.21 0.53 -0.31	2.84
07 71 23 00-0308			Rectangular Vinyl Downspouts (07 71 23 00-0302)		
07 71 23 00-0309	LF		2" x 3", Rectangular Vinyl Downspout..... For Up To 100', Add For >100' To 250', Add For >1,000', Deduct	9.64 1.43 0.64 -0.31	2.84
07 71 23 00-0310			Gutter And Downspout Boots (07 71 23)		
07 71 23 00-0311			Cast Iron Roof Drainage Downspout Boots (07 71 23 00-0310)		

07 Thermal And Moisture Protection
07 70 Roof and Wall Specialties and Accessories
07 71 Roof Specialties



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0312	EA	2" x 3" x 18" Long, Cast Iron Roof Drainage Downspout Boot.....	337.61	4.27
07 71 23 00-0313	EA	3" x 4" x 18" Long, Cast Iron Roof Drainage Downspout Boot.....	440.37	4.27
07 71 23 00-0314	EA	4" x 5" x 24" Long, Cast Iron Roof Drainage Downspout Boot.....	525.82	4.27
07 71 23 00-0315 Cast Iron Roof Drainage Downspout Boots With Cleanouts (07 71 23 00-0310)				
07 71 23 00-0316	EA	3" x 4" x 18" Long, Cast Iron Roof Drainage Downspout Boot With Cleanout	584.03	4.27
07 71 23 00-0317	EA	4" x 5" x 24" Long, Cast Iron Roof Drainage Downspout Boot With Cleanout	713.71	4.27
07 71 23 00-0318	EA	5" x 7" x 30" Long, Cast Iron Roof Drainage Downspout Boot With Cleanout	1,296.09	4.27
07 71 23 00-0319 Wall Mounted Downspout Covers With Hinged Perforated Cover (07 71 23)				
07 71 23 00-0320	EA	3" Pipe Size, Type 304 Stainless Steel Downspout Cover With Hinged Perforated Cover (JR Smith 1775-03).....	1,162.64	27.70
		For Polished Brass Finish (-PB), Add	110.71	
		For Chrome Plated Finish (-CP), Add	166.07	
		For Vandal Proof (-U), Add	55.36	
07 71 23 00-0321	EA	4" Pipe Size, Type 304 Stainless Steel Downspout Cover With Hinged Perforated Cover (JR Smith 1775-04).....	1,181.00	36.94
		For Polished Brass Finish (-PB), Add	110.71	
		For Chrome Plated Finish (-CP), Add	166.07	
		For Vandal Proof (-U), Add	55.36	
07 71 23 00-0322	EA	6" Pipe Size, Type 304 Stainless Steel Downspout Cover With Hinged Perforated Cover (JR Smith 1775-06).....	1,269.46	50.08
		For Polished Brass Finish (-PB), Add	116.93	
		For Chrome Plated Finish (-CP), Add	175.40	
		For Vandal Proof (-U), Add	58.47	
07 71 23 00-0323	EA	8" Pipe Size, Type 304 Stainless Steel Downspout Cover With Hinged Perforated Cover (JR Smith 1775-08).....	1,352.02	63.24
		For Polished Brass Finish (-PB), Add	122.56	
		For Chrome Plated Finish (-CP), Add	183.83	
		For Vandal Proof (-U), Add	61.28	
07 71 23 00-0324	EA	10" Pipe Size, Type 304 Stainless Steel Downspout Cover With Hinged Perforated Cover (JR Smith 1775-10).....	1,452.64	77.91
		For Polished Brass Finish (-PB), Add	129.68	
		For Chrome Plated Finish (-CP), Add	194.53	
		For Vandal Proof (-U), Add	64.84	
07 71 23 00-0325	EA	12" Pipe Size, Type 304 Stainless Steel Downspout Cover With Hinged Perforated Cover (JR Smith 1775-12).....	1,593.13	108.76
		For Polished Brass Finish (-PB), Add	137.56	
		For Chrome Plated Finish (-CP), Add	206.34	
		For Vandal Proof (-U), Add	68.78	
07 71 23 00-0326	EA	15" Pipe Size, Type 304 Stainless Steel Downspout Cover With Hinged Perforated Cover (JR Smith 1775-15).....	1,755.81	151.26
		For Polished Brass Finish (-PB), Add	145.33	
		For Chrome Plated Finish (-CP), Add	218.00	
		For Vandal Proof (-U), Add	72.67	
07 71 23 00-0327 Wall Mounted Downspout Nozzle (07 71 23)				
07 71 23 00-0328	EA	3" Pipe Size, Rough Bronze Finish Downspout Nozzle (JR Smith 1770-03).....	294.41	27.70
		For Nickel Bronze Finish (-NB), Add	167.30	
		For Polished Bronze Finish (-PB), Add	131.45	
		For Chrome Plated Finish (-CP), Add	212.71	
07 71 23 00-0329	EA	4" Pipe Size, Rough Bronze Finish Downspout Nozzle (JR Smith 1770-04).....	312.87	36.94
		For Nickel Bronze Finish (-NB), Add	167.30	
		For Polished Bronze Finish (-PB), Add	131.45	
		For Chrome Plated Finish (-CP), Add	212.71	
07 71 23 00-0330	EA	6" Pipe Size, Rough Bronze Finish Downspout Nozzle (JR Smith 1770-06).....	667.12	50.08
		For Nickel Bronze Finish (-NB), Add	170.09	
		For Polished Bronze Finish (-PB), Add	96.38	
		For Chrome Plated Finish (-CP), Add	249.46	
07 71 23 00-0331	EA	8" Pipe Size, Rough Bronze Finish Downspout Nozzle (JR Smith 1770-08).....	987.09	63.24
		For Nickel Bronze Finish (-NB), Add	146.31	
		For Polished Bronze Finish (-PB), Add	111.88	
		For Chrome Plated Finish (-CP), Add	249.58	
07 71 23 00-0332	EA	10" Pipe Size, Rough Bronze Finish Downspout Nozzle (JR Smith 1770-10).....	1,273.12	77.91
		For Nickel Bronze Finish (-NB), Add	189.94	
		For Polished Bronze Finish (-PB), Add	145.25	
		For Chrome Plated Finish (-CP), Add	324.02	
07 71 23 00-0333	EA	12" Pipe Size, Rough Bronze Finish Downspout Nozzle (JR Smith 1770-12).....	1,623.14	108.76
		For Nickel Bronze Finish (-NB), Add	238.96	
		For Polished Bronze Finish (-PB), Add	182.73	
		For Chrome Plated Finish (-CP), Add	407.63	
07 71 23 00-0334 Leaf Guards And Cleaning (07 71 23)				
07 71 23 00-0335	LF	Aluminum Mesh Gutter Leaf Guard	3.78	0.87
		For Up To 100', Add	0.64	
		For >100' To 250', Add	0.28	
		For >1,000', Deduct	-0.17	
07 71 23 00-0336	LF	Vinyl Mesh Gutter Leaf Guard	2.92	0.87
		For Up To 100', Add	0.55	
		For >100' To 250', Add	0.23	
		For >1,000', Deduct	-0.17	
07 71 23 00-0337	LF	6" Wide Stainless Steel Gutter Leaf Guard, 1/4" x 1/4" x 0.08" Wire	16.67	1.09
		For Up To 100', Add	2.00	
		For >100' To 250', Add	0.94	
		For >1,000', Deduct	-0.22	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0338	LF		9" Wide Stainless Steel Gutter Leaf Guard, 1/4" x 1/4" x 0.08" Wire	23.94	1.09
			For Up To 100', Add	2.72	
			For >100' To 250', Add	1.31	
			For >1,000', Deduct	-0.22	
07 71 23 00-0339	LF		6" Wide Stainless Steel Gutter Leaf Guard, 3/8" x 3/8" Mesh	12.68	1.09
			For Up To 100', Add	1.53	
			For >100' To 250', Add	0.72	
			For >1,000', Deduct	-0.17	
07 71 23 00-0340	LF		9" Wide Stainless Steel Gutter Leaf Guard, 3/8" x 3/8" Mesh	19.65	1.09
			For Up To 100', Add	2.22	
			For >100' To 250', Add	1.07	
			For >1,000', Deduct	-0.17	
07 71 23 00-0341	EA		Cleanout Roof Drain	156.88	
			Note: Includes removing dome and flushing.		
07 71 23 00-0342	LF		Cleanout Roof Gutters And Downspouts	1.83	
07 71 26 Reglets (07 71)					
07 71 26 00-0001			Counter Flashing With Reglet (07 71 26) Note: Includes reglet cut.		
07 71 26 00-0002			Galvanized Steel Counter Flashing With Reglet (07 71 26 00-0001)		
07 71 26 00-0003			Galvanized Steel Counter Flashing With Reglet (07 71 26 00-0002)		
07 71 26 00-0004	LF		28 Gauge, Up To 12" Wide, Galvanized Steel Counter Flashing With Reglet	16.58	5.10
07 71 26 00-0005	LF		26 Gauge, Up To 12" Wide, Galvanized Steel Counter Flashing With Reglet	16.76	5.10
07 71 26 00-0006	LF		24 Gauge, Up To 12" Wide, Galvanized Steel Counter Flashing With Reglet	17.06	5.10
07 71 26 00-0007	LF		22 Gauge, Up To 12" Wide, Galvanized Steel Counter Flashing With Reglet	18.22	5.10
07 71 26 00-0008	LF		20 Gauge, Up To 12" Wide, Galvanized Steel Counter Flashing With Reglet	18.88	5.10
07 71 26 00-0009	LF		18 Gauge, Up To 12" Wide, Galvanized Steel Counter Flashing With Reglet	19.64	5.10
07 71 26 00-0010			KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet (07 71 26 00-0002)		
07 71 26 00-0011	LF		28 Gauge, Up To 12" Wide, KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet	19.45	5.10
07 71 26 00-0012	LF		26 Gauge, Up To 12" Wide, KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet	19.71	5.10
07 71 26 00-0013	LF		24 Gauge, Up To 12" Wide, KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet	20.15	5.10
07 71 26 00-0014	LF		22 Gauge, Up To 12" Wide, KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet	21.83	5.10
07 71 26 00-0015	LF		20 Gauge, Up To 12" Wide, KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet	22.78	5.10
07 71 26 00-0016	LF		18 Gauge, Up To 12" Wide, KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet	23.88	5.10
07 71 26 00-0017			Aluminum Counter Flashing With Reglet (07 71 26 00-0001)		
07 71 26 00-0018			KYNAR 500® Finish, Aluminum Counter Flashing With Reglet (07 71 26 00-0017)		
07 71 26 00-0019	LF		0.019" Thick, Up To 12" Wide, KYNAR 500® Finish, Aluminum Counter Flashing With Reglet	15.10	5.10
07 71 26 00-0020	LF		0.025" Thick, Up To 12" Wide, KYNAR 500® Finish, Aluminum Counter Flashing With Reglet	15.87	5.10
07 71 26 00-0021	LF		0.032" Thick, Up To 12" Wide, KYNAR 500® Finish, Aluminum Counter Flashing With Reglet	16.65	5.10
07 71 26 00-0022	LF		0.040" Thick, Up To 12" Wide, KYNAR 500® Finish, Aluminum Counter Flashing With Reglet	17.20	5.10
07 71 26 00-0023	LF		0.050" Thick, Up To 12" Wide, KYNAR 500® Finish, Aluminum Counter Flashing With Reglet	18.45	5.10
07 71 26 00-0024	LF		0.063" Thick, Up To 12" Wide, KYNAR 500® Finish, Aluminum Counter Flashing With Reglet	20.26	5.10
07 71 26 00-0025			Mill Finish, Aluminum Counter Flashing With Reglet (07 71 26 00-0017)		
07 71 26 00-0026	LF		0.019" Thick, Up To 12" Wide, Mill Finish, Aluminum Counter Flashing With Reglet	13.33	5.10
07 71 26 00-0027	LF		0.025" Thick, Up To 12" Wide, Mill Finish, Aluminum Counter Flashing With Reglet	13.82	5.10
07 71 26 00-0028	LF		0.032" Thick, Up To 12" Wide, Mill Finish, Aluminum Counter Flashing With Reglet	14.32	5.10
07 71 26 00-0029	LF		0.040" Thick, Up To 12" Wide, Mill Finish, Aluminum Counter Flashing With Reglet	14.67	5.10
07 71 26 00-0030	LF		0.050" Thick, Up To 12" Wide, Mill Finish, Aluminum Counter Flashing With Reglet	15.47	5.10
07 71 26 00-0031	LF		0.063" Thick, Up To 12" Wide, Mill Finish, Aluminum Counter Flashing With Reglet	16.62	5.10
07 71 26 00-0032			Clear Anodized Finish, Aluminum Counter Flashing With Reglet (07 71 26 00-0017)		
07 71 26 00-0033	LF		0.019" Thick, Up To 12" Wide, Clear Anodized Finish, Aluminum Counter Flashing With Reglet	14.74	5.10
07 71 26 00-0034	LF		0.025" Thick, Up To 12" Wide, Clear Anodized Finish, Aluminum Counter Flashing With Reglet	15.45	5.10
07 71 26 00-0035	LF		0.032" Thick, Up To 12" Wide, Clear Anodized Finish, Aluminum Counter Flashing With Reglet	16.17	5.10
07 71 26 00-0036	LF		0.040" Thick, Up To 12" Wide, Clear Anodized Finish, Aluminum Counter Flashing With Reglet	16.69	5.10
07 71 26 00-0037	LF		0.050" Thick, Up To 12" Wide, Clear Anodized Finish, Aluminum Counter Flashing With Reglet	17.84	5.10
07 71 26 00-0038	LF		0.063" Thick, Up To 12" Wide, Clear Anodized Finish, Aluminum Counter Flashing With Reglet	19.51	5.10
07 71 26 00-0039			Stainless Steel Counter Flashing With Reglet (07 71 26 00-0001)		
07 71 26 00-0040			Stainless Steel Counter Flashing With Reglet (07 71 26 00-0039)		
07 71 26 00-0041	LF		24 Gauge, Up To 12" Wide, Stainless Steel Counter Flashing With Reglet	19.95	5.10
07 71 26 00-0042	LF		22 Gauge, Up To 12" Wide, Stainless Steel Counter Flashing With Reglet	21.25	5.10
07 71 26 00-0043	LF		20 Gauge, Up To 12" Wide, Stainless Steel Counter Flashing With Reglet	21.68	5.10
07 71 26 00-0044			Copper Counter Flashing With Reglet (07 71 26 00-0001)		
07 71 26 00-0045			Copper Counter Flashing With Reglet (07 71 26 00-0044)		

07 Thermal And Moisture Protection
07 70 Roof and Wall Specialties and Accessories
07 71 Roof Specialties



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

07 71 26 00-0046 LF 16 Ounce, Up To 12" Wide, Copper Counter Flashing With Reglet.....55.74 5.10

07 72 Roof Accessories (07 72)

07 72 13 Manufactured Curbs (07 72)

07 72 13 00-0001	Insulated Galvanized Steel, Prefabricated Roof Curbs (07 72 13) Note: Includes pressure treated wood nailer, 1-1/2" rigid foam insulation, mill finish galvanized steel exterior wall construction, painted galvanized steel interior wall construction, installation clips and 3/16" wire mesh, 6" x 6" grids, safety security guard with installation clips.		
07 72 13 00-0002	Insulated Galvanized Steel, Prefabricated Roof Curbs (07 72 13 00-0001) Note: Includes pressure treated wood nailer, 1-1/2" rigid foam insulation, mill finish galvanized steel exterior wall construction, painted galvanized steel interior wall construction, installation clips and 3/16" wire mesh, 6" x 6" grids, safety security guard with installation clips.		
07 72 13 00-0003	18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs (07 72 13 00-0002)		
07 72 13 00-0004	9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs (07 72 13 00-0003)		
07 72 13 00-0005	EA 26" x 26" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	949.33 65.75 160.68 -29.70 15.41 39.05	233.49
07 72 13 00-0006	EA 26" x 38" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	964.89 67.30 163.79 -36.44 23.70 45.19	233.49
07 72 13 00-0007	EA 26" x 50" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	1,045.64 71.73 176.29 -44.54 30.64 45.68	262.68
07 72 13 00-0008	EA 26" x 74" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	1,105.27 77.69 188.22 -59.39 37.27 52.31	262.68
07 72 13 00-0009	EA 26" x 98" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	1,149.35 82.10 197.04 19.66 124.94 137.83	262.68
07 72 13 00-0010	EA 26" x 122" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	1,398.64 103.38 243.24 -98.56 -1.88 38.94	291.87
07 72 13 00-0011	EA 38" x 38" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	970.07 67.82 164.83 11.28 97.22 135.89	233.49
07 72 13 00-0012	EA 38" x 50" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	1,048.23 71.99 176.81 -56.69 33.53 70.05	262.68
07 72 13 00-0013	EA 38" x 62" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	1,081.94 75.36 183.55 -70.19 24.32 54.40	262.68
07 72 13 00-0014	EA 38" x 74" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	1,094.90 76.66 186.15 19.98 123.11 151.04	262.68
07 72 13 00-0015	EA 38" x 98" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	1,357.15 99.23 234.95 25.78 139.65 182.62	291.87



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0016	EA		38" x 122" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	1,484.56 108.32 256.78 31.58 162.64 214.21	321.06
07 72 13 00-0017	EA		50" x 50" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	1,167.50 83.92 200.67 -72.91 21.62 45.26	262.68
07 72 13 00-0018	EA		50" x 62" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	1,274.18 90.93 218.35 -87.76 0.33 43.30	291.87
07 72 13 00-0019	EA		50" x 74" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	1,302.70 93.79 224.06 -103.96 -28.75 44.28	291.87
07 72 13 00-0020	EA		50" x 86" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	1,430.11 102.88 245.89 -121.50 -24.83 43.92	321.06
07 72 13 00-0021	EA		51" x 99" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	1,534.20 109.64 263.06 33.19 153.51 207.22	350.23
07 72 13 00-0022	EA		51" x 122" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	1,659.01 118.47 284.37 -167.42 -32.05 40.98	379.42
07 72 13 00-0023	EA		62" x 62" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	1,302.70 93.79 224.06 26.43 97.33 178.97	291.87
07 72 13 00-0024	EA		62-3/8" x 74-3/8" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	1,401.59 100.03 240.19 -126.90 -21.64 44.96	321.06
07 72 13 00-0025	EA		62" x 86" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	1,531.60 109.38 262.54 -164.72 -59.43 2.86	350.23
07 72 13 00-0026	EA		62" x 98" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	1,557.53 111.97 267.73 39.32 144.59 252.02	350.23
07 72 13 00-0027	EA		62" x 122" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	1,687.54 121.33 290.08 -207.91 -100.50 37.00	379.42
07 72 13 00-0028			12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs (07 72 13 00-0003)		
07 72 13 00-0029	EA		26" x 26" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	983.04 69.12 167.42 -29.70 15.41 39.05	233.49

07 Thermal And Moisture Protection
07 70 Roof and Wall Specialties and Accessories
07 72 Roof Accessories



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0030	EA	26" x 38" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	990.82	233.49	
		For Sloped Roofs Up To 1 In 12 Pitch, Add	69.90		
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	168.98		
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-36.44		
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	23.70		
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	45.19		
07 72 13 00-0031	EA	26" x 50" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,071.56	262.68	
		For Sloped Roofs Up To 1 In 12 Pitch, Add	74.32		
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	181.48		
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-44.54		
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	30.64		
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	45.68		
07 72 13 00-0032	EA	26" x 74" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,138.98	262.68	
		For Sloped Roofs Up To 1 In 12 Pitch, Add	81.06		
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	194.96		
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-59.39		
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	37.27		
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	52.31		
07 72 13 00-0033	EA	26" x 98" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,188.24	262.68	
		For Sloped Roofs Up To 1 In 12 Pitch, Add	85.99		
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	204.81		
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	19.66		
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	124.94		
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	137.83		
07 72 13 00-0034	EA	26" x 122" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,429.75	291.87	
		For Sloped Roofs Up To 1 In 12 Pitch, Add	106.49		
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	249.47		
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-98.56		
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	-1.88		
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	38.94		
07 72 13 00-0035	EA	38" x 38" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	993.41	233.49	
		For Sloped Roofs Up To 1 In 12 Pitch, Add	70.15		
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	169.50		
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	11.28		
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	97.22		
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	135.89		
07 72 13 00-0036	EA	38" x 50" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,118.24	262.68	
		For Sloped Roofs Up To 1 In 12 Pitch, Add	78.99		
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	190.81		
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-56.69		
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	33.53		
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	70.05		
07 72 13 00-0037	EA	38" x 62" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,170.09	262.68	
		For Sloped Roofs Up To 1 In 12 Pitch, Add	84.17		
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	201.18		
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-70.19		
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	24.32		
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	54.40		
07 72 13 00-0038	EA	38" x 74" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,229.73	262.68	
		For Sloped Roofs Up To 1 In 12 Pitch, Add	90.14		
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	213.11		
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	19.98		
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	123.11		
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	151.04		
07 72 13 00-0039	EA	38" x 98" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,398.64	291.87	
		For Sloped Roofs Up To 1 In 12 Pitch, Add	103.38		
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	243.24		
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	25.78		
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	139.65		
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	182.62		
07 72 13 00-0040	EA	38" x 122" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,536.42	321.06	
		For Sloped Roofs Up To 1 In 12 Pitch, Add	113.51		
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	267.15		
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	31.58		
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	162.64		
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	214.21		
07 72 13 00-0041	EA	50" x 50" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,198.62	262.68	
		For Sloped Roofs Up To 1 In 12 Pitch, Add	87.03		
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	206.89		
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-72.91		
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	21.62		
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	45.26		
07 72 13 00-0042	EA	50" x 62" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,300.11	291.87	
		For Sloped Roofs Up To 1 In 12 Pitch, Add	93.53		
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	223.54		
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-87.76		
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	0.33		
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	43.30		
07 72 13 00-0043	EA	50" x 74" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,341.59	291.87	
		For Sloped Roofs Up To 1 In 12 Pitch, Add	97.68		
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	231.83		
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-103.96		
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	-28.75		
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	44.28		



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0044	EA		50" x 86" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,471.60	321.06
			For Sloped Roofs Up To 1 In 12 Pitch, Add	107.03	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	254.19	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-121.50	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	-24.83	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	43.92	
07 72 13 00-0045	EA		51" x 99" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,583.46	350.23
			For Sloped Roofs Up To 1 In 12 Pitch, Add	114.57	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	272.91	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	33.19	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	153.51	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	207.22	
07 72 13 00-0046	EA		51" x 122" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,716.06	379.42
			For Sloped Roofs Up To 1 In 12 Pitch, Add	124.18	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	295.78	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-167.42	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	-32.05	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	40.98	
07 72 13 00-0047	EA		62" x 62" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,341.59	291.87
			For Sloped Roofs Up To 1 In 12 Pitch, Add	97.68	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	231.83	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	26.43	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	97.33	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	178.97	
07 72 13 00-0048	EA		62-3/8" x 74-3/8" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,443.08	321.06
			For Sloped Roofs Up To 1 In 12 Pitch, Add	104.18	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	248.48	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-126.90	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	-21.64	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	44.96	
07 72 13 00-0049	EA		62" x 86" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,575.68	350.23
			For Sloped Roofs Up To 1 In 12 Pitch, Add	113.79	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	271.36	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-164.72	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	-59.43	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	2.86	
07 72 13 00-0050	EA		62" x 98" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,609.39	350.23
			For Sloped Roofs Up To 1 In 12 Pitch, Add	117.16	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	278.10	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	39.32	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	144.59	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	252.02	
07 72 13 00-0051	EA		62" x 122" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,744.58	379.42
			For Sloped Roofs Up To 1 In 12 Pitch, Add	127.03	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	301.49	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-207.91	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	-100.50	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	37.00	
07 72 13 00-0052			14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs (07 72 13 00-0003)		
07 72 13 00-0053	EA		26" x 26" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,001.19	233.49
			For Sloped Roofs Up To 1 In 12 Pitch, Add	70.93	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	171.05	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-29.70	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	15.41	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	39.05	
07 72 13 00-0054	EA		26" x 38" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,008.97	233.49
			For Sloped Roofs Up To 1 In 12 Pitch, Add	71.71	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	172.61	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-36.44	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	23.70	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	45.19	
07 72 13 00-0055	EA		26" x 50" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,084.53	262.68
			For Sloped Roofs Up To 1 In 12 Pitch, Add	75.62	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	184.07	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-44.54	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	30.64	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	45.68	
07 72 13 00-0056	EA		26" x 74" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,159.72	262.68
			For Sloped Roofs Up To 1 In 12 Pitch, Add	83.14	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	199.11	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-59.39	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	37.27	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	52.31	
07 72 13 00-0057	EA		26" x 98" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,216.77	262.68
			For Sloped Roofs Up To 1 In 12 Pitch, Add	88.84	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	210.52	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	19.66	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	124.94	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	137.83	

07 Thermal And Moisture Protection
07 70 Roof and Wall Specialties and Accessories
07 72 Roof Accessories



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

07 72 13 00-0058	EA	26" x 122" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,466.05	291.87
		For Sloped Roofs Up To 1 In 12 Pitch, Add	110.12	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	256.73	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-98.56	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	-1.88	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	38.94	
07 72 13 00-0059	EA	38" x 38" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,008.97	233.49
		For Sloped Roofs Up To 1 In 12 Pitch, Add	71.71	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	172.61	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	11.28	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	97.22	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	135.89	
07 72 13 00-0060	EA	38" x 50" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,084.53	262.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	75.62	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	184.07	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-56.69	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	33.53	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	70.05	
07 72 13 00-0061	EA	38" x 62" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,216.77	262.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	88.84	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	210.52	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-70.19	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	24.32	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	54.40	
07 72 13 00-0062	EA	38" x 74" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,279.00	262.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	95.07	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	222.97	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	19.98	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	123.11	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	151.04	
07 72 13 00-0063	EA	38" x 98" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,429.75	291.87
		For Sloped Roofs Up To 1 In 12 Pitch, Add	106.49	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	249.47	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	25.78	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	139.65	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	182.62	
07 72 13 00-0064	EA	38" x 122" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,570.13	321.06
		For Sloped Roofs Up To 1 In 12 Pitch, Add	116.88	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	273.89	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	31.58	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	162.64	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	214.21	
07 72 13 00-0065	EA	50" x 50" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,219.36	262.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	89.10	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	211.04	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-72.91	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	21.62	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	45.26	
07 72 13 00-0066	EA	50" x 62" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,225.97	291.87
		For Sloped Roofs Up To 1 In 12 Pitch, Add	86.11	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	208.71	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-87.76	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	0.33	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	43.30	
07 72 13 00-0067	EA	50" x 74" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,367.52	291.87
		For Sloped Roofs Up To 1 In 12 Pitch, Add	100.27	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	237.02	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-103.96	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	-28.75	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	44.28	
07 72 13 00-0068	EA	50" x 86" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,502.71	321.06
		For Sloped Roofs Up To 1 In 12 Pitch, Add	110.14	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	260.41	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-121.50	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	-24.83	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	43.92	
07 72 13 00-0069	EA	51" x 99" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,614.58	350.23
		For Sloped Roofs Up To 1 In 12 Pitch, Add	117.68	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	279.14	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	33.19	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	153.51	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	207.22	
07 72 13 00-0070	EA	51" x 122" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,752.36	379.42
		For Sloped Roofs Up To 1 In 12 Pitch, Add	127.81	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	303.04	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-167.42	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	-32.05	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	40.98	
07 72 13 00-0071	EA	62" x 62" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,367.52	291.87
		For Sloped Roofs Up To 1 In 12 Pitch, Add	100.27	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	237.02	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	26.43	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	97.33	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	178.97	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0072	EA		62-3/8" x 74-3/8" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,471.60	321.06
			For Sloped Roofs Up To 1 In 12 Pitch, Add	107.03	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	254.19	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-126.90	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	-21.64	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	44.96	
07 72 13 00-0073	EA		62" x 86" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,609.39	350.23
			For Sloped Roofs Up To 1 In 12 Pitch, Add	117.16	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	278.10	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-164.72	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	-59.43	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	2.86	
07 72 13 00-0074	EA		62" x 98" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,643.10	350.23
			For Sloped Roofs Up To 1 In 12 Pitch, Add	120.53	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	284.84	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	39.32	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	144.59	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	252.02	
07 72 13 00-0075	EA		62" x 122" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,783.47	379.42
			For Sloped Roofs Up To 1 In 12 Pitch, Add	130.92	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	309.27	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-207.91	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	-100.50	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	37.00	
07 72 13 00-0076			14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs (07 72 13 00-0002)		
07 72 13 00-0077			9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs (07 72 13 00-0076)		
07 72 13 00-0078	EA		26" x 26" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	920.81	233.49
			For Sloped Roofs Up To 1 In 12 Pitch, Add	62.89	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	154.98	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-29.70	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	15.41	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	39.05	
07 72 13 00-0079	EA		26" x 38" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	954.51	233.49
			For Sloped Roofs Up To 1 In 12 Pitch, Add	66.26	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	161.72	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-36.44	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	23.70	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	45.19	
07 72 13 00-0080	EA		26" x 50" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,092.31	262.68
			For Sloped Roofs Up To 1 In 12 Pitch, Add	76.40	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	185.63	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-44.54	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	30.64	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	45.68	
07 72 13 00-0081	EA		26" x 74" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,170.09	262.68
			For Sloped Roofs Up To 1 In 12 Pitch, Add	84.17	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	201.18	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-59.39	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	37.27	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	52.31	
07 72 13 00-0082	EA		26" x 98" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,227.14	262.68
			For Sloped Roofs Up To 1 In 12 Pitch, Add	89.88	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	212.59	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	19.66	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	124.94	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	137.83	
07 72 13 00-0083	EA		26" x 122" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,507.54	291.87
			For Sloped Roofs Up To 1 In 12 Pitch, Add	114.27	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	265.02	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-98.56	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	-1.88	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	38.94	
07 72 13 00-0084	EA		38" x 38" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,016.74	233.49
			For Sloped Roofs Up To 1 In 12 Pitch, Add	72.49	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	174.16	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	11.28	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	97.22	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	135.89	
07 72 13 00-0085	EA		38" x 50" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,113.05	262.68
			For Sloped Roofs Up To 1 In 12 Pitch, Add	78.47	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	189.78	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-56.69	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	33.53	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	70.05	
07 72 13 00-0086	EA		38" x 62" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,138.98	262.68
			For Sloped Roofs Up To 1 In 12 Pitch, Add	81.06	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	194.96	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-70.19	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	24.32	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	54.40	

07 Thermal And Moisture Protection
07 70 Roof and Wall Specialties and Accessories
07 72 Roof Accessories



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0087	EA	38" x 74" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,162.32	262.68	
		For Sloped Roofs Up To 1 In 12 Pitch, Add	83.40		
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	199.63		
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	19.98		
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	123.11		
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	151.04		
07 72 13 00-0088	EA	38" x 98" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,445.31	291.87	
		For Sloped Roofs Up To 1 In 12 Pitch, Add	108.05		
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	252.58		
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	25.78		
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	139.65		
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	182.62		
07 72 13 00-0089	EA	38" x 122" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,588.28	321.06	
		For Sloped Roofs Up To 1 In 12 Pitch, Add	118.70		
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	277.52		
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	31.58		
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	162.64		
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	214.21		
07 72 13 00-0090	EA	50" x 50" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,229.73	262.68	
		For Sloped Roofs Up To 1 In 12 Pitch, Add	90.14		
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	213.11		
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-72.91		
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	21.62		
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	45.26		
07 72 13 00-0091	EA	50" x 62" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,339.00	291.87	
		For Sloped Roofs Up To 1 In 12 Pitch, Add	97.42		
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	231.32		
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-87.76		
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	0.33		
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	43.30		
07 72 13 00-0092	EA	50" x 74" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,380.49	291.87	
		For Sloped Roofs Up To 1 In 12 Pitch, Add	101.57		
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	239.61		
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-103.96		
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	-28.75		
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	44.28		
07 72 13 00-0093	EA	50" x 86" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,518.27	321.06	
		For Sloped Roofs Up To 1 In 12 Pitch, Add	111.70		
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	263.52		
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-121.50		
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	-24.83		
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	43.92		
07 72 13 00-0094	EA	51" x 99" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,630.13	350.23	
		For Sloped Roofs Up To 1 In 12 Pitch, Add	119.23		
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	282.25		
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	33.19		
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	153.51		
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	207.22		
07 72 13 00-0095	EA	51" x 122" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,770.51	379.42	
		For Sloped Roofs Up To 1 In 12 Pitch, Add	129.62		
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	306.67		
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-167.42		
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	-32.05		
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	40.98		
07 72 13 00-0096	EA	62" x 62" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,380.49	291.87	
		For Sloped Roofs Up To 1 In 12 Pitch, Add	101.57		
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	239.61		
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	26.43		
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	97.33		
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	178.97		
07 72 13 00-0097	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,484.56	321.06	
		For Sloped Roofs Up To 1 In 12 Pitch, Add	108.32		
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	256.78		
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-126.90		
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	-21.64		
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	44.96		
07 72 13 00-0098	EA	62" x 86" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,624.95	350.23	
		For Sloped Roofs Up To 1 In 12 Pitch, Add	118.72		
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	281.21		
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-164.72		
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	-59.43		
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	2.86		
07 72 13 00-0099	EA	62" x 98" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,661.25	350.23	
		For Sloped Roofs Up To 1 In 12 Pitch, Add	122.35		
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	288.47		
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	39.32		
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	144.59		
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	252.02		
07 72 13 00-0100	EA	62" x 122" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,804.22	379.42	
		For Sloped Roofs Up To 1 In 12 Pitch, Add	132.99		
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	313.42		
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-207.91		
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	-100.50		
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	37.00		



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0101			12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs (07 72 13 00-0076)		
07 72 13 00-0102	EA		26" x 26" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	944.14	233.49
			For Sloped Roofs Up To 1 In 12 Pitch, Add	65.23	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	159.64	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-29.70	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	15.41	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	39.05	
07 72 13 00-0103	EA		26" x 38" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	983.04	233.49
			For Sloped Roofs Up To 1 In 12 Pitch, Add	69.12	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	167.42	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-36.44	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	23.70	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	45.19	
07 72 13 00-0104	EA		26" x 50" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,131.20	262.68
			For Sloped Roofs Up To 1 In 12 Pitch, Add	80.29	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	193.41	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-44.54	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	30.64	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	45.68	
07 72 13 00-0105	EA		26" x 74" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,216.77	262.68
			For Sloped Roofs Up To 1 In 12 Pitch, Add	88.84	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	210.52	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-59.39	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	37.27	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	52.31	
07 72 13 00-0106	EA		26" x 98" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,286.77	262.68
			For Sloped Roofs Up To 1 In 12 Pitch, Add	95.84	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	224.52	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	19.66	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	124.94	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	137.83	
07 72 13 00-0107	EA		26" x 122" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,517.91	291.87
			For Sloped Roofs Up To 1 In 12 Pitch, Add	115.31	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	267.10	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-98.56	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	-1.88	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	38.94	
07 72 13 00-0108	EA		38" x 38" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,050.45	233.49
			For Sloped Roofs Up To 1 In 12 Pitch, Add	75.86	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	180.90	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	11.28	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	97.22	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	135.89	
07 72 13 00-0109	EA		38" x 50" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,154.54	262.68
			For Sloped Roofs Up To 1 In 12 Pitch, Add	82.62	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	198.07	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-56.69	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	33.53	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	70.05	
07 72 13 00-0110	EA		38" x 62" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,188.24	262.68
			For Sloped Roofs Up To 1 In 12 Pitch, Add	85.99	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	204.81	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-70.19	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	24.32	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	54.40	
07 72 13 00-0111	EA		38" x 74" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,219.36	262.68
			For Sloped Roofs Up To 1 In 12 Pitch, Add	89.10	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	211.04	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	19.98	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	123.11	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	151.04	
07 72 13 00-0112	EA		38" x 98" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,507.54	291.87
			For Sloped Roofs Up To 1 In 12 Pitch, Add	114.27	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	265.02	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	25.78	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	139.65	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	182.62	
07 72 13 00-0113	EA		38" x 122" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,663.47	321.06
			For Sloped Roofs Up To 1 In 12 Pitch, Add	126.22	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	292.56	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	31.58	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	162.64	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	214.21	
07 72 13 00-0114	EA		50" x 50" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,276.40	262.68
			For Sloped Roofs Up To 1 In 12 Pitch, Add	94.81	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	222.45	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-72.91	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	21.62	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	45.26	

07 Thermal And Moisture Protection
07 70 Roof and Wall Specialties and Accessories
07 72 Roof Accessories



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

07 72 13 00-0115	EA 50" x 62" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb 1,390.86	291.87
	For Sloped Roofs Up To 1 In 12 Pitch, Add 102.60	
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add 241.69	
	For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add -87.76	
	For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add 0.33	
	For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add 43.30	
07 72 13 00-0116	EA 50" x 74" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb 1,440.12	291.87
	For Sloped Roofs Up To 1 In 12 Pitch, Add 107.53	
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add 251.54	
	For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add -103.96	
	For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add -28.75	
	For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add 44.28	
07 72 13 00-0117	EA 50" x 86" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb 1,580.50	321.06
	For Sloped Roofs Up To 1 In 12 Pitch, Add 117.92	
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add 275.97	
	For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add -121.50	
	For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add -24.83	
	For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add 43.92	
07 72 13 00-0118	EA 51" x 99" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb 1,702.74	350.23
	For Sloped Roofs Up To 1 In 12 Pitch, Add 126.49	
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add 296.77	
	For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add 33.19	
	For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add 153.51	
	For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add 207.22	
07 72 13 00-0119	EA 51" x 122" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb 1,853.48	379.42
	For Sloped Roofs Up To 1 In 12 Pitch, Add 137.92	
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add 323.27	
	For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add -167.42	
	For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add -32.05	
	For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add 40.98	
07 72 13 00-0120	EA 62" x 62" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb 1,440.12	291.87
	For Sloped Roofs Up To 1 In 12 Pitch, Add 107.53	
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add 251.54	
	For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add 26.43	
	For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add 97.33	
	For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add 178.97	
07 72 13 00-0121	EA 62-3/8" x 74-3/8" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb 1,551.98	321.06
	For Sloped Roofs Up To 1 In 12 Pitch, Add 115.07	
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add 270.26	
	For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add -126.90	
	For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add -21.64	
	For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add 44.96	
07 72 13 00-0122	EA 62" x 86" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb 1,697.55	350.23
	For Sloped Roofs Up To 1 In 12 Pitch, Add 125.98	
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add 295.73	
	For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add -164.72	
	For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add -59.43	
	For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add 2.86	
07 72 13 00-0123	EA 62" x 98" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb 1,736.44	350.23
	For Sloped Roofs Up To 1 In 12 Pitch, Add 129.86	
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add 303.51	
	For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add 39.32	
	For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add 144.59	
	For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add 252.02	
07 72 13 00-0124	EA 62" x 122" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb 1,892.38	379.42
	For Sloped Roofs Up To 1 In 12 Pitch, Add 141.81	
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add 331.05	
	For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add -207.91	
	For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add -100.50	
	For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add 37.00	

07 72 13 00-0125 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs
(07 72 13 00-0076)

07 72 13 00-0126	EA 26" x 26" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb 962.29	233.49
	For Sloped Roofs Up To 1 In 12 Pitch, Add 67.04	
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add 163.27	
	For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add -29.70	
	For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add 15.41	
	For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add 39.05	
07 72 13 00-0127	EA 26" x 38" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb 1,003.78	233.49
	For Sloped Roofs Up To 1 In 12 Pitch, Add 71.19	
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add 171.57	
	For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add -36.44	
	For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add 23.70	
	For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add 45.19	
07 72 13 00-0128	EA 26" x 50" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb 1,154.54	262.68
	For Sloped Roofs Up To 1 In 12 Pitch, Add 82.62	
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add 198.07	
	For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add -44.54	
	For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add 30.64	
	For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add 45.68	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72	13 00-0129	EA	26" x 74" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	1,247.88 91.95 216.74 -59.39 37.27 52.31	262.68
07 72	13 00-0130	EA	26" x 98" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	1,325.67 99.73 232.30 19.66 124.94 137.83	262.68
07 72	13 00-0131	EA	26" x 122" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	1,600.88 123.60 283.69 -98.56 -1.88 38.94	291.87
07 72	13 00-0132	EA	38" x 38" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	1,076.38 78.45 186.09 11.28 97.22 135.89	233.49
07 72	13 00-0133	EA	38" x 50" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	1,198.62 87.03 206.89 -56.69 33.53 70.05	262.68
07 72	13 00-0134	EA	38" x 62" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	1,245.29 91.69 216.22 -70.19 24.32 54.40	262.68
07 72	13 00-0135	EA	38" x 74" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	1,255.66 92.73 218.30 19.98 123.11 151.04	262.68
07 72	13 00-0136	EA	38" x 98" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	1,554.21 118.94 274.36 25.78 139.65 182.62	291.87
07 72	13 00-0137	EA	38" x 122" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	1,715.33 131.40 302.93 31.58 162.64 214.21	321.06
07 72	13 00-0138	EA	50" x 50" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	1,307.52 97.92 228.67 -72.91 21.62 45.26	262.68
07 72	13 00-0139	EA	50" x 62" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	1,305.47 94.06 224.61 -87.76 0.33 43.30	291.87
07 72	13 00-0140	EA	50" x 74" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	1,479.02 111.42 259.32 -103.96 -28.75 44.28	291.87
07 72	13 00-0141	EA	50" x 86" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	1,627.17 122.59 285.30 -121.50 -24.83 43.92	321.06
07 72	13 00-0142	EA	51" x 99" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	1,749.41 131.16 306.10 33.19 153.51 207.22	350.23

07 Thermal And Moisture Protection
07 70 Roof and Wall Specialties and Accessories
07 72 Roof Accessories



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

07 72 13 00-0143	EA	51" x 122" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,910.53	379.42
		For Sloped Roofs Up To 1 In 12 Pitch, Add	143.63	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	334.68	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-167.42	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	-32.05	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	40.98	
07 72 13 00-0144	EA	62" x 62" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,479.02	291.87
		For Sloped Roofs Up To 1 In 12 Pitch, Add	111.42	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	259.32	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	26.43	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	97.33	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	178.97	
07 72 13 00-0145	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,596.65	321.06
		For Sloped Roofs Up To 1 In 12 Pitch, Add	119.73	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	279.60	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-126.90	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	-21.64	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	44.96	
07 72 13 00-0146	EA	62" x 86" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,741.63	350.23
		For Sloped Roofs Up To 1 In 12 Pitch, Add	130.38	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	304.55	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-164.72	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	-59.43	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	2.86	
07 72 13 00-0147	EA	62" x 98" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,788.30	350.23
		For Sloped Roofs Up To 1 In 12 Pitch, Add	135.05	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	313.88	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	39.32	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	144.59	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	252.02	
07 72 13 00-0148	EA	62" x 122" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,949.42	379.42
		For Sloped Roofs Up To 1 In 12 Pitch, Add	147.51	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	342.46	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-207.91	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	-100.50	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	37.00	

07 72 13 00-0149 Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curbs (07 72 13 00-0001)
 Note: Includes 1" rigid foam insulation, mill finished galvanized steel exterior wall construction, painted galvanized steel interior wall construction and installation clips.

07 72 13 00-0150 6" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curbs (07 72 13 00-0149)

07 72 13 00-0151	EA	14-1/2" To 23" Square Outside Dimensions, 6" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb.....	904.72	233.49
		For Sloped Roofs Up To 1 In 12 Pitch, Add	61.29	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	151.76	
07 72 13 00-0152	EA	23-1/2" To 32" Square Outside Dimensions, 6" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb.....	1,047.22	233.49
		For Sloped Roofs Up To 1 In 12 Pitch, Add	75.54	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	180.26	
07 72 13 00-0153	EA	32-1/2" To 41" Square Outside Dimensions, 6" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb.....	1,199.44	262.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	87.11	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	207.05	
07 72 13 00-0154	EA	41" To 49-1/2" Square Outside Dimensions, 6" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb.....	1,313.22	262.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	98.49	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	229.81	
07 72 13 00-0155	EA	50" To 58-1/2" Square Outside Dimensions, 6" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb.....	1,452.36	291.87
		For Sloped Roofs Up To 1 In 12 Pitch, Add	108.75	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	253.99	

07 72 13 00-0156 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curbs (07 72 13 00-0149)

07 72 13 00-0157	EA	14-1/2" To 23" Square Outside Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb.....	1,113.38	233.49
		For Sloped Roofs Up To 1 In 12 Pitch, Add	82.15	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	193.49	
07 72 13 00-0158	EA	23-1/2" To 32" Square Outside Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb.....	1,306.78	233.49
		For Sloped Roofs Up To 1 In 12 Pitch, Add	101.49	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	232.17	
07 72 13 00-0159	EA	32-1/2" To 41" Square Outside Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb.....	1,385.20	262.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	105.69	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	244.21	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0160	EA		41" To 49-1/2" Square Outside Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb.....	1,457.91	262.68
			For Sloped Roofs Up To 1 In 12 Pitch, Add.....	112.96	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add.....	258.75	
07 72 13 00-0161	EA		50" To 58-1/2" Square Outside Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb.....	1,632.66	291.87
			For Sloped Roofs Up To 1 In 12 Pitch, Add.....	126.78	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add.....	290.05	
07 72 13 00-0162	EA		64" To 72-1/2" Square Outside Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb.....	2,595.56	321.06
			For Sloped Roofs Up To 1 In 12 Pitch, Add.....	219.42	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add.....	478.98	
07 72 13 00-0163			18" To 24" Height, 16 Gauge, Ventilated Galvanized Steel, Adjustable Width Prefabricated Roof Curbs (07 72 13 00-0149)		
07 72 13 00-0164	EA		17-1/2" To 22" Square Outside Dimensions, 24" Height, 16 Gauge, Ventilated Galvanized Steel, Adjustable Width Prefabricated Roof Curb.....	1,456.19	233.49
			For Sloped Roofs Up To 1 In 12 Pitch, Add.....	116.43	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add.....	262.05	
07 72 13 00-0165	EA		24" To 29" Square Outside Dimensions, 24" Height, 16 Gauge, Ventilated Galvanized Steel, Adjustable Width Prefabricated Roof Curb.....	1,653.94	233.49
			For Sloped Roofs Up To 1 In 12 Pitch, Add.....	136.21	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add.....	301.60	
07 72 13 00-0166	EA		31" To 46" Square Outside Dimensions, 18" Height, 16 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb.....	1,961.75	262.68
			For Sloped Roofs Up To 1 In 12 Pitch, Add.....	163.34	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add.....	359.52	
07 72 13 00-0167			High Wind Applications, Insulated Galvanized Steel, Prefabricated Roof Curbs (07 72 13 00-0001)		
07 72 13 00-0168	EA		38-1/2" Square Outside Dimensions, 24" Height, High Wind Applications, Insulated Galvanized Steel, Prefabricated Roof Curb (Greenheck GPF-40-G24).....	1,303.97	109.45
			For Sloped Roofs Up To 1 In 12 Pitch, Add.....	119.45	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add.....	249.85	
07 72 13 00-0169	EA		38-1/2" Square Outside Dimensions, 27" Height, High Wind Applications, Insulated Galvanized Steel, Prefabricated Roof Curb (Greenheck GPF-40-G27).....	1,388.12	109.45
			For Sloped Roofs Up To 1 In 12 Pitch, Add.....	127.87	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add.....	266.68	
07 72 13 00-0170			Wood, Prefabricated Roof Curbs (07 72 13)		
			Note: Includes Douglas fir construction, galvanized steel corner straps, fasteners, sealants, and installation clips. Includes 3/16" wire mesh, 6" x 6" grids, safety security guard with installation clips. Excludes flashing. See CSI section 07 62 13 00-0000 for flashing and trim.		
07 72 13 00-0171			Wood Framed, Prefabricated Roof Curbs (07 72 13 00-0170)		
07 72 13 00-0172			2 x 6 Wood Framed, Prefabricated Roof Curbs (07 72 13 00-0171)		
07 72 13 00-0173	EA		26" x 26" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb.....	757.76	233.49
			For Sloped Roofs Up To 1 In 12 Pitch, Add.....	46.59	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add.....	122.37	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add.....	-29.70	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add.....	15.41	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add.....	39.05	
07 72 13 00-0174	EA		26" x 50" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb.....	843.62	262.68
			For Sloped Roofs Up To 1 In 12 Pitch, Add.....	51.53	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add.....	135.89	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add.....	-44.54	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add.....	30.64	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add.....	45.68	
07 72 13 00-0175	EA		26" x 98" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb.....	899.48	262.68
			For Sloped Roofs Up To 1 In 12 Pitch, Add.....	57.11	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add.....	147.06	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add.....	19.66	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add.....	124.94	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add.....	137.83	
07 72 13 00-0176	EA		38" x 62" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb.....	893.04	262.68
			For Sloped Roofs Up To 1 In 12 Pitch, Add.....	56.47	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add.....	145.77	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add.....	-70.19	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add.....	24.32	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add.....	54.40	
07 72 13 00-0177	EA		38" x 74" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb.....	908.07	262.68
			For Sloped Roofs Up To 1 In 12 Pitch, Add.....	57.97	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add.....	148.78	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add.....	19.98	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add.....	123.11	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add.....	151.04	

07 Thermal And Moisture Protection
07 70 Roof and Wall Specialties and Accessories
07 72 Roof Accessories



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0178	EA		38" x 98" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	1,017.57	291.87
			For Sloped Roofs Up To 1 In 12 Pitch, Add	65.27	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	167.03	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	25.78	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	139.65	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	182.62	
07 72 13 00-0179	EA		50" x 50" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	903.78	262.68
			For Sloped Roofs Up To 1 In 12 Pitch, Add	57.54	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	147.92	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-72.91	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	21.62	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	45.26	
07 72 13 00-0180	EA		50" x 74" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	1,036.91	291.87
			For Sloped Roofs Up To 1 In 12 Pitch, Add	67.21	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	170.90	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-103.96	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	-28.75	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	44.28	
07 72 13 00-0181	EA		51" x 99" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	1,182.84	350.23
			For Sloped Roofs Up To 1 In 12 Pitch, Add	74.50	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	192.79	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	33.19	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	153.51	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	207.22	
07 72 13 00-0182	EA		62" x 62" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	998.23	291.87
			For Sloped Roofs Up To 1 In 12 Pitch, Add	63.34	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	163.16	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	26.43	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	97.33	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	178.97	
07 72 13 00-0183	EA		62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	1,096.97	321.06
			For Sloped Roofs Up To 1 In 12 Pitch, Add	69.57	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	179.26	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-126.90	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	-21.64	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	44.96	
07 72 13 00-0184	EA		62" x 98" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	1,225.81	350.23
			For Sloped Roofs Up To 1 In 12 Pitch, Add	78.80	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	201.38	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	39.32	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	144.59	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	252.02	
07 72 13 00-0185			2 x 8 Wood Framed, Prefabricated Roof Curbs (07 72 13 00-0171)		
07 72 13 00-0186	EA		26" x 26" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	770.65	233.49
			For Sloped Roofs Up To 1 In 12 Pitch, Add	47.88	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	124.94	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-29.70	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	15.41	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	39.05	
07 72 13 00-0187	EA		26" x 50" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	858.66	262.68
			For Sloped Roofs Up To 1 In 12 Pitch, Add	53.03	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	138.90	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-44.54	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	30.64	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	45.68	
07 72 13 00-0188	EA		26" x 98" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	940.30	262.68
			For Sloped Roofs Up To 1 In 12 Pitch, Add	61.20	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	155.23	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	19.66	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	124.94	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	137.83	
07 72 13 00-0189	EA		38" x 62" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	918.82	262.68
			For Sloped Roofs Up To 1 In 12 Pitch, Add	59.05	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	150.93	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-70.19	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	24.32	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	54.40	
07 72 13 00-0190	EA		38" x 74" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	940.30	262.68
			For Sloped Roofs Up To 1 In 12 Pitch, Add	61.20	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	155.23	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	19.98	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	123.11	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	151.04	
07 72 13 00-0191	EA		38" x 98" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	1,049.80	291.87
			For Sloped Roofs Up To 1 In 12 Pitch, Add	68.50	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	173.48	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	25.78	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	139.65	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	182.62	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0192	EA		50" x 50" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	927.41 59.91 152.65 -72.91 21.62 45.26	262.68
07 72 13 00-0193	EA		50" x 74" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	1,066.98 70.21 176.91 -103.96 -28.75 44.28	291.87
07 72 13 00-0194	EA		51" x 99" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	1,212.91 77.51 198.80 33.19 153.51 207.22	350.23
07 72 13 00-0195	EA		62" x 62" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	1,021.87 65.70 167.89 26.43 97.33 178.97	291.87
07 72 13 00-0196	EA		62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	1,124.91 72.36 184.85 -126.90 -21.64 44.96	321.06
07 72 13 00-0197	EA		62" x 98" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	1,255.88 81.81 207.40 39.32 144.59 252.02	350.23
07 72 13 00-0198			2 x 10 Wood Framed, Prefabricated Roof Curbs (07 72 13 00-0171)		
07 72 13 00-0199	EA		26" x 26" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	779.24 48.74 126.66 -29.70 15.41 39.05	233.49
07 72 13 00-0200	EA		26" x 50" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	873.70 54.54 141.91 -44.54 30.64 45.68	262.68
07 72 13 00-0201	EA		26" x 98" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	944.60 61.63 156.09 19.66 124.94 137.83	262.68
07 72 13 00-0202	EA		38" x 62" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	933.86 60.55 153.94 -70.19 24.32 54.40	262.68
07 72 13 00-0203	EA		38" x 74" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	959.64 63.13 159.09 19.98 123.11 151.04	262.68
07 72 13 00-0204	EA		38" x 98" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	1,071.28 70.64 177.77 25.78 139.65 182.62	291.87
07 72 13 00-0205	EA		50" x 50" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	942.45 61.41 155.66 -72.91 21.62 45.26	262.68

07 Thermal And Moisture Protection
07 70 Roof and Wall Specialties and Accessories
07 72 Roof Accessories



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0206	EA		50" x 74" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	1,086.32 72.15 180.78 -103.96 -28.75 44.28	291.87
07 72 13 00-0207	EA		51" x 99" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	1,232.25 79.45 202.67 33.19 153.51 207.22	350.23
07 72 13 00-0208	EA		62" x 62" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	1,036.91 67.21 170.90 26.43 97.33 178.97	291.87
07 72 13 00-0209	EA		62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	1,142.09 74.08 188.29 -126.90 -21.64 44.96	321.06
07 72 13 00-0210	EA		62" x 98" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	1,277.37 83.96 211.69 39.32 144.59 252.02	350.23
07 72 13 00-0211			2 x 12 Wood Framed, Prefabricated Roof Curbs (07 72 13 00-0171)		
07 72 13 00-0212	EA		26" x 26" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	789.99 49.81 128.81 -29.70 15.41 39.05	233.49
07 72 13 00-0213	EA		26" x 50" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	882.29 55.39 143.62 -44.54 30.64 45.68	262.68
07 72 13 00-0214	EA		26" x 98" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	963.94 63.56 159.95 19.66 124.94 137.83	262.68
07 72 13 00-0215	EA		38" x 74" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	981.12 65.28 163.39 19.98 123.11 151.04	262.68
07 72 13 00-0216	EA		38" x 98" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	1,094.91 73.01 182.50 25.78 139.65 182.62	291.87
07 72 13 00-0217	EA		50" x 50" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	961.79 63.34 159.52 -72.91 21.62 45.26	262.68
07 72 13 00-0218	EA		50" x 74" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	1,107.81 74.30 185.08 -103.96 -28.75 44.28	291.87
07 72 13 00-0219	EA		51" x 99" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	1,258.03 82.02 207.83 33.19 153.51 207.22	350.23



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0220 EA 62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb..... For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	1,159.28 75.80 191.72 -126.90 -21.64 44.96	321.06
07 72 13 00-0221 Wood Framed With Liner, Prefabricated Roof Curbs (07 72 13 00-0170)		
07 72 13 00-0222 2 x 6 Wood Framed With Liner, Prefabricated Roof Curbs (07 72 13 00-0221)		
07 72 13 00-0223 EA 26" x 26" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb..... For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	774.95 48.31 125.80 -29.70 15.41 39.05	233.49
07 72 13 00-0224 EA 26" x 50" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb..... For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	858.66 59.03 138.90 -44.54 30.64 45.68	262.68
07 72 13 00-0225 EA 26" x 98" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb..... For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	927.41 59.91 152.65 19.66 124.94 137.83	262.68
07 72 13 00-0226 EA 38" x 62" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb..... For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	912.37 58.40 149.64 -70.19 24.32 54.40	262.68
07 72 13 00-0227 EA 38" x 74" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb..... For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	931.71 60.34 153.51 19.98 123.11 151.04	262.68
07 72 13 00-0228 EA 38" x 98" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb..... For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	1,043.35 67.85 172.19 25.78 139.65 182.62	291.87
07 72 13 00-0229 EA 50" x 50" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb..... For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	923.11 59.48 151.79 -72.91 21.62 45.26	262.68
07 72 13 00-0230 EA 50" x 74" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb..... For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	1,060.54 69.57 175.62 -103.96 -28.75 44.28	291.87
07 72 13 00-0231 EA 51" x 99" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb..... For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	1,206.47 76.87 197.51 33.19 153.51 207.22	350.23
07 72 13 00-0232 EA 62" x 62" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb..... For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	1,024.01 65.92 168.32 26.43 97.33 178.97	291.87
07 72 13 00-0233 EA 62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb..... For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	1,120.61 71.93 183.99 -126.90 -21.64 44.96	321.06
07 72 13 00-0234 EA 62" x 98" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb..... For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	1,255.88 81.81 207.40 39.32 144.59 252.02	350.23
07 72 13 00-0235 2 x 8 Wood Framed With Liner, Prefabricated Roof Curbs (07 72 13 00-0221)		

07 Thermal And Moisture Protection
07 70 Roof and Wall Specialties and Accessories
07 72 Roof Accessories



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

07 72 13 00-0236	EA	26" x 26" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	789.99	233.49
		For Sloped Roofs Up To 1 In 12 Pitch, Add	49.81	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	128.81	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-29.70	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	15.41	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	39.05	
07 72 13 00-0237	EA	26" x 50" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	875.85	262.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	54.75	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	142.34	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-44.54	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	30.64	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	45.68	
07 72 13 00-0238	EA	26" x 98" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	953.19	262.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	62.48	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	157.80	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	19.66	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	124.94	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	137.83	
07 72 13 00-0239	EA	38" x 62" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	938.15	262.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	60.98	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	154.80	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-70.19	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	24.32	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	54.40	
07 72 13 00-0240	EA	38" x 74" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	966.08	262.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	63.77	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	160.38	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	19.98	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	123.11	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	151.04	
07 72 13 00-0241	EA	38" x 98" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	1,082.02	291.87
		For Sloped Roofs Up To 1 In 12 Pitch, Add	71.72	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	179.92	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	25.78	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	139.65	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	182.62	
07 72 13 00-0242	EA	50" x 50" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	953.19	262.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	62.48	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	157.80	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-72.91	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	21.62	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	45.26	
07 72 13 00-0243	EA	50" x 74" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	1,097.06	291.87
		For Sloped Roofs Up To 1 In 12 Pitch, Add	73.22	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	182.93	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-103.96	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	-28.75	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	44.28	
07 72 13 00-0244	EA	51" x 99" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	1,247.29	350.23
		For Sloped Roofs Up To 1 In 12 Pitch, Add	80.95	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	205.68	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	33.19	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	153.51	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	207.22	
07 72 13 00-0245	EA	62" x 62" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	1,051.95	291.87
		For Sloped Roofs Up To 1 In 12 Pitch, Add	68.71	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	173.91	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	26.43	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	97.33	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	178.97	
07 72 13 00-0246	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	1,152.84	321.06
		For Sloped Roofs Up To 1 In 12 Pitch, Add	75.15	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	190.44	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-126.90	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	-21.64	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	44.96	
07 72 13 00-0247	EA	62" x 98" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	1,292.41	350.23
		For Sloped Roofs Up To 1 In 12 Pitch, Add	85.46	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	214.70	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	39.32	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	144.59	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	252.02	
07 72 13 00-0248		2 x 10 Wood Framed With Liner, Prefabricated Roof Curbs (07 72 13 00-0221)		
07 72 13 00-0249	EA	26" x 26" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	802.88	233.49
		For Sloped Roofs Up To 1 In 12 Pitch, Add	51.10	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	131.39	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-29.70	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	15.41	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	39.05	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0250	EA		26" x 50" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	893.04 56.47 145.77 -44.54 30.64 45.68	262.68
07 72 13 00-0251	EA		26" x 98" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	978.98 65.06 162.96 19.66 124.94 137.83	262.68
07 72 13 00-0252	EA		38" x 62" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	957.49 62.91 158.66 -70.19 24.32 54.40	262.68
07 72 13 00-0253	EA		38" x 74" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	991.87 66.35 165.54 19.98 123.11 151.04	262.68
07 72 13 00-0254	EA		38" x 98" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	1,109.95 74.51 185.51 25.78 139.65 182.62	291.87
07 72 13 00-0255	EA		50" x 50" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	972.53 64.42 161.67 -72.91 21.62 45.26	262.68
07 72 13 00-0256	EA		50" x 74" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	1,120.70 75.59 187.66 -103.96 -28.75 44.28	291.87
07 72 13 00-0257	EA		51" x 99" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	1,273.07 83.63 210.83 33.19 153.51 207.22	350.23
07 72 13 00-0258	EA		62" x 62" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	1,073.43 70.86 178.20 26.43 97.33 178.97	291.87
07 72 13 00-0259	EA		62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	1,176.47 77.52 195.16 -126.90 -21.64 44.96	321.06
07 72 13 00-0260	EA		62" x 98" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	1,320.34 88.25 220.29 39.32 144.59 252.02	350.23
07 72 13 00-0261			2 x 12 Wood Framed With Liner, Prefabricated Roof Curbs (07 72 13 00-0221)		
07 72 13 00-0262	EA		26" x 26" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	828.66 53.68 136.55 -29.70 15.41 39.05	233.49
07 72 13 00-0263	EA		26" x 50" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	905.93 57.76 148.35 -44.54 30.64 45.68	262.68

07 Thermal And Moisture Protection
07 70 Roof and Wall Specialties and Accessories
07 72 Roof Accessories



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0264	EA		26" x 98" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add 262.68	998.31	262.68
07 72 13 00-0265	EA		38" x 74" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add 262.68	1,013.35	262.68
07 72 13 00-0266	EA		38" x 98" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add 291.87	1,191.60	291.87
07 72 13 00-0267	EA		50" x 50" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add 262.68	1,034.84	262.68
07 72 13 00-0268	EA		50" x 74" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add 291.87	1,195.89	291.87
07 72 13 00-0269	EA		51" x 99" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add 350.23	1,359.01	350.23
07 72 13 00-0270	EA		62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add 321.06	1,255.96	321.06
07 72 13 00-0271			Penetration Seals (ChemLink) (07 72 13)		
07 72 13 00-0272			ChemCurb Penetration Seals (ChemLink ChemCurb) (07 72 13 00-0271)		
07 72 13 00-0273	EA		5" Inside Diameter Penetration Seals (ChemLink ChemCurb System) Note: Includes 5-inch inside diameter round ChemCurb, M-1® structural adhesive/sealant, and 1-part pourable sealant 206.10	126.23	
07 72 13 00-0274	EA		7-1/2" Inside Diameter Penetration Seals (ChemLink ChemCurb System) Note: Includes 7.5-inch inside diameter round ChemCurb, M-1® structural adhesive/sealant, and 1-part pourable sealant 134.36	206.10	
07 72 13 00-0275			E-Curb Penetration Seals (ChemLink E-Curb) (07 72 13 00-0271)		
07 72 13 00-0276	EA		3" Inside Diameter E-Curb Penetration Seals (ChemLink) Note: Includes 3-inch inside diameter round E-Curb, M-1® structural adhesive/sealant, and 1-part pourable sealant 70.70	57.32	
07 72 13 00-0277	EA		4" Inside Diameter E-Curb Penetration Seals (ChemLink) Note: Includes 4-inch inside diameter round E-Curb, M-1® structural adhesive/sealant, and 1-part pourable sealant 93.98	70.70	
07 72 13 00-0278	EA		5" Inside Diameter E-Curb Penetration Seals (ChemLink) Note: Includes 5-inch inside diameter round E-Curb, M-1® structural adhesive/sealant, and 1-part pourable sealant 99.13	93.98	
07 72 13 00-0279	EA		6" Inside Diameter E-Curb Penetration Seals (ChemLink) Note: Includes 6-inch inside diameter round E-Curb, M-1® structural adhesive/sealant, and 1-part pourable sealant 134.36	99.13	
07 72 13 00-0280	EA		9" Inside Diameter E-Curb Penetration Seals (ChemLink) Note: Includes 9-inch inside diameter round E-Curb, M-1® structural adhesive/sealant, and 1-part pourable sealant 43.37	134.36	
07 72 13 00-0281			ChemCurb And E-Curb Penetration Seals Accessories (07 72 13 00-0271)		
07 72 13 00-0282	EA		5" Long ChemCurb Straight Piece For Penetration Seals (ChemLink) Note: For use with ChemCurb seals too make oval/rectangular curbs. 48.44	43.37	
07 72 13 00-0283	EA		12" Long ChemCurb Straight Piece For Penetration Seals (ChemLink) Note: For use with ChemCurb seals too make oval/rectangular curbs. 18.90	48.44	
07 72 13 00-0284	EA		8" Long E-Curb Straight Piece For Penetration Seals (ChemLink) Note: For use with E-Curb seals too make rectangular or "L" shaped curbs. 78.27	18.90	
07 72 13 00-0285	EA		1/2 Gallon, 1-Part Pourable Penetration Sealant (ChemLink SS-Chem-F1426) Note: For use with ChemCurb and E-Curb seals. 23.81	78.27	
07 72 13 00-0286	EA		10.1 oz, M-1 Structural Adhesive/Sealant (ChemLink SS-Chem-F1270) Note: For use with ChemCurb and E-Curb seals.	23.81	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 23		Relief Vents (07 72)		
07 72 23 00-0001		Wind Driven Turbine Ventilators (07 72 23) Note: Excludes curb or flange base.		
07 72 23 00-0002		Galvanized Steel, Wind Driven Turbine Ventilators (07 72 23 00-0001)		
07 72 23 00-0003	EA	6" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator..... For Curb Or Flange Base, Add	167.36 186.04	33.11
07 72 23 00-0004	EA	9" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator..... For Curb Or Flange Base, Add	201.03 204.43	36.67
07 72 23 00-0005	EA	12" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator..... For Curb Or Flange Base, Add	216.76 227.36	43.76
07 72 23 00-0006	EA	15" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator..... For Curb Or Flange Base, Add	418.48 366.74	48.49
07 72 23 00-0007	EA	18" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator..... For Curb Or Flange Base, Add	577.17 397.18	54.40
07 72 23 00-0008	EA	21" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator..... For Curb Or Flange Base, Add	696.79 431.15	59.13
07 72 23 00-0009	EA	24" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator..... For Curb Or Flange Base, Add	890.63 528.25	66.23
07 72 23 00-0010	EA	36" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator..... For Curb Or Flange Base, Add	1,472.65 867.19	88.70
07 72 23 00-0011		Mill Finish Aluminum, Wind Driven Turbine Ventilators (07 72 23 00-0001)		
07 72 23 00-0012	EA	6" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator..... For Curb Or Flange Base, Add	163.69 194.46	33.11
07 72 23 00-0013	EA	9" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator..... For Curb Or Flange Base, Add	204.48 214.05	36.67
07 72 23 00-0014	EA	12" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator..... For Curb Or Flange Base, Add	228.71 236.96	43.76
07 72 23 00-0015	EA	15" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator..... For Curb Or Flange Base, Add	410.49 409.12	48.49
07 72 23 00-0016	EA	18" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator..... For Curb Or Flange Base, Add	530.57 436.89	54.40
07 72 23 00-0017	EA	21" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator..... For Curb Or Flange Base, Add	672.25 492.67	59.13
07 72 23 00-0018	EA	24" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator..... For Curb Or Flange Base, Add	909.10 595.77	66.23
07 72 23 00-0019	EA	36" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator..... For Curb Or Flange Base, Add	1,355.18 897.29	88.70
07 72 23 00-0020		Stationary Siphon Ventilators (07 72 23) Note: Excludes curb or flange base.		
07 72 23 00-0021		Galvanized Steel, Stationary Siphon Ventilators (07 72 23 00-0020)		
07 72 23 00-0022	EA	6" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator..... For Curb Or Flange Base, Add	141.00 186.04	33.11
07 72 23 00-0023	EA	9" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator..... For Curb Or Flange Base, Add	185.96 204.43	36.67
07 72 23 00-0024	EA	12" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator..... For Curb Or Flange Base, Add	204.40 227.36	43.76
07 72 23 00-0025	EA	15" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator..... For Curb Or Flange Base, Add	350.85 366.74	48.49
07 72 23 00-0026	EA	18" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator..... For Curb Or Flange Base, Add	406.00 397.18	54.40
07 72 23 00-0027	EA	21" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator..... For Curb Or Flange Base, Add	575.82 431.15	59.13
07 72 23 00-0028	EA	24" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator..... For Curb Or Flange Base, Add	750.43 528.25	66.23
07 72 23 00-0029	EA	36" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator..... For Curb Or Flange Base, Add	1,088.05 867.19	88.70
07 72 23 00-0030		Mill Finish Aluminum, Stationary Siphon Ventilators (07 72 23 00-0020)		
07 72 23 00-0031	EA	6" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator..... For Curb Or Flange Base, Add	157.23 194.46	33.11
07 72 23 00-0032	EA	9" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator..... For Curb Or Flange Base, Add	208.34 214.05	36.67
07 72 23 00-0033	EA	12" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator..... For Curb Or Flange Base, Add	231.96 236.96	43.76
07 72 23 00-0034	EA	15" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator..... For Curb Or Flange Base, Add	380.06 409.12	48.49
07 72 23 00-0035	EA	18" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator..... For Curb Or Flange Base, Add	478.86 436.89	54.40
07 72 23 00-0036	EA	21" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator..... For Curb Or Flange Base, Add	588.21 492.67	59.13
07 72 23 00-0037	EA	24" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator..... For Curb Or Flange Base, Add	844.49 595.77	66.23
07 72 23 00-0038	EA	36" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator..... For Curb Or Flange Base, Add	1,272.59 897.29	88.70

07 Thermal And Moisture Protection
07 70 Roof and Wall Specialties and Accessories
07 72 Roof Accessories



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

07 72 23 00-0039		Spun Aluminum, Stationary Mushroom Gravity Ventilators (07 72 23)		
		Note: Includes flange base and bird screen. Excludes curb.		
07 72 23 00-0040	EA	8" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator	317.43	53.22
		For Backdraft Damper, Add	175.52	
		For Curb Base, Add	252.20	
07 72 23 00-0041	EA	10" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator	393.57	59.13
		For Backdraft Damper, Add	192.04	
		For Curb Base, Add	275.76	
07 72 23 00-0042	EA	12" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator	443.78	70.97
		For Backdraft Damper, Add	262.25	
		For Curb Base, Add	350.33	
07 72 23 00-0043	EA	16" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator	544.12	78.06
		For Backdraft Damper, Add	299.41	
		For Curb Base, Add	406.63	
07 72 23 00-0044	EA	24" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator	1,482.35	106.45
		For Backdraft Damper, Add	375.82	
		For Curb Base, Add	534.79	
07 72 23 00-0045	EA	30" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator	1,812.83	123.00
		For Backdraft Damper, Add	443.96	
		For Curb Base, Add	640.00	
07 72 23 00-0046	EA	36" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator	2,479.63	141.92
		For Backdraft Damper, Add	443.96	
		For Curb Base, Add	663.49	
07 72 23 00-0047	EA	42" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator	3,502.42	153.76
		For Backdraft Damper, Add	464.61	
		For Curb Base, Add	686.43	
07 72 23 00-0048	EA	48" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator	5,060.04	165.58
		For Backdraft Damper, Add	516.23	
		For Curb Base, Add	773.39	
07 72 23 00-0049		Galvanized Steel, Stationary Gooseneck Ventilators (07 72 23)		
		Note: Includes flange base and bird screen. Excludes curb.		
07 72 23 00-0050	EA	8" x 8", 26 Gauge, Galvanized Steel, Stationary Gooseneck Ventilator	589.03	59.13
07 72 23 00-0051	EA	12" x 12", 26 Gauge, Galvanized Steel, Stationary Gooseneck Ventilator	688.33	78.06
07 72 23 00-0052	EA	16" x 16", 26 Gauge, Galvanized Steel, Stationary Gooseneck Ventilator	992.85	106.45
07 72 23 00-0053	EA	24" x 24", 26 Gauge, Galvanized Steel, Stationary Gooseneck Ventilator	1,553.37	123.00
07 72 26		Ridge Vents (07 72)		
07 72 26 00-0001		Aluminum Ridge Vents (07 72 26)		
07 72 26 00-0002	LF	Aluminum Ridge Vent Strips	14.89	3.43
07 72 26 00-0003	EA	Aluminum Ridge Univent Connectors	55.28	21.33
07 72 26 00-0004	EA	Aluminum Ridge Univent End Cap	50.89	21.33
07 72 26 00-0005		Galvanized Ridge Vents (07 72 26)		
07 72 26 00-0006	LF	Galvanized Sheet Metal Ridge Vent Strips	13.74	3.67
07 72 29		Rafter Vent (07 72)		
07 72 29 00-0001		Rafter Vent (07 72 29)		
		Note: Built-in baffle is designed to help keep air flowing freely from soffits to ridge vents.		
07 72 29 00-0002	EA	22" x 4" Rafter Vent	10.49	
07 72 29 00-0003	EA	14" x 4" Rafter Vent	9.42	
07 72 33		Roof Hatches (07 72)		
		Note: Includes curb with integral insulation, lockable hatch and gaskets.		
07 72 33 00-0001		Galvanized Steel Cover And Curb (07 72 33)		
07 72 33 00-0002	EA	2'-6" x 3'-0" Galvanized Steel Roof Hatch	1,365.41	155.28
07 72 33 00-0003	EA	2'-6" x 4'-6" Galvanized Steel Roof Hatch	2,011.63	172.53
07 72 33 00-0004	EA	2'-6" x 8'-0" Galvanized Steel Roof Hatch	3,562.16	235.29
07 72 33 00-0005	EA	3'-0" x 3'-0" Galvanized Steel Roof Hatch	1,984.11	172.53
07 72 33 00-0006	EA	4'-0" x 4'-0" Galvanized Steel Roof Hatch	2,239.59	191.73
07 72 33 00-0007	EA	3'-0" x 8'-0" Galvanized Steel Roof Hatch	3,681.71	261.50
07 72 33 00-0008		Aluminum Cover And Curb (07 72 33)		
07 72 33 00-0009	EA	2'-6" x 3'-0" Aluminum Roof Hatch	1,285.47	155.28
07 72 33 00-0010	EA	2'-6" x 4'-6" Aluminum Roof Hatch	1,672.42	172.53
07 72 33 00-0011	EA	2'-6" x 8'-0" Aluminum Roof Hatch	3,044.10	235.29
07 72 33 00-0012	EA	3'-0" x 3'-0" Aluminum Roof Hatch	1,636.80	172.53
07 72 33 00-0013	EA	4'-0" x 4'-0" Aluminum Roof Hatch	2,923.65	191.73
07 72 33 00-0014	EA	3'-0" x 8'-0" Aluminum Roof Hatch	3,209.13	261.50
07 72 33 00-0015	EA	3'-0" x 2'-6" Aluminum Roof Scuttle With Skylight	1,836.75	172.53



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 33 00-0016 Steel, Plain, Primed (07 72 33)		
07 72 33 00-0017 EA 2'-6" x 3'-0" Plain Steel Roof Hatch Primed	1,308.42	155.28
07 72 33 00-0018 EA 2'-6" x 4'-6" Plain Steel Roof Hatch Primed	1,774.93	172.53
07 72 33 00-0019 EA 2'-6" x 8'-0" Plain Steel Roof Hatch Primed	2,431.70	235.29
07 72 33 00-0020 EA 3'-0" x 3'-0" Plain Steel Roof Hatch Primed	1,647.61	172.53
07 72 33 00-0021 EA 4'-0" x 4'-0" Plain Steel Roof Hatch Primed	2,022.49	191.73
07 72 33 00-0022 EA 3'-0" x 8'-0" Plain Steel Roof Hatch Primed	2,748.20	261.50
07 72 33 00-0023 Stainless Steel (07 72 33)		
07 72 33 00-0024 EA 2'-6" x 3'-0" Stainless Steel Roof Hatch	3,037.45	155.28
07 72 33 00-0025 EA 2'-6" x 4'-6" Stainless Steel Roof Hatch	5,838.81	172.53
07 72 33 00-0026 EA 2'-6" x 8'-0" Stainless Steel Roof Hatch	8,785.36	235.29
07 72 33 00-0027 EA 3'-0" x 3'-0" Stainless Steel Roof Hatch	4,681.37	172.53
07 72 33 00-0028 EA 4'-0" x 4'-0" Stainless Steel Roof Hatch	9,927.97	191.73
07 72 33 00-0029 EA 3'-0" x 8'-0" Stainless Steel Roof Hatch	11,110.93	261.50
07 72 33 00-0030 Removal And Reinstallation Of Roof Hatch (07 72 33)		
Note: Includes storage, cleaning and supply materials.		
07 72 33 00-0031 EA Removal And Reinstallation Of Roof Hatch (All Types)	477.61	
07 72 33 00-0032 Aluminum Cover And Galvanized Steel Curb (07 72 33)		
07 72 33 00-0033 EA Aluminum Cover, Galvanized Steel Curb 3'-0" x 2'-6" Roof	1,244.94	172.53
07 72 33 00-0034 EA Aluminum Cover, Galvanized Steel Curb 2'-6" x 4'-6" Roof	1,631.89	191.73
07 72 33 00-0035 EA Aluminum Cover, Galvanized Steel Curb 2'-6" x 8'-0" Roof	2,938.71	261.39
07 72 33 00-0036 EA Aluminum Cover, Galvanized Steel Curb 3'-0" x 3'-0" Roof	1,604.37	177.93
07 72 33 00-0037 EA Aluminum Cover, Galvanized Steel Curb 4'-0" x 4'-0" Roof	2,834.48	197.12
07 72 33 00-0038 Roof Hatch Accessories (07 72 33)		
07 72 33 00-0039 EA Enamel Steel, Roof Hatch Ladderup Safety Post	854.37	80.88
07 72 33 00-0040 Roof Hatch Safety Railing (07 72 33)		
Note: Included mounting bracket to attach to roof hatch		
07 72 33 00-0041 EA 24" x 24" Painted Steel, Roof Hatch Safety Railing With Self Closing Gate	2,016.92	
07 72 33 00-0042 EA 24" x 36" Painted Steel, Roof Hatch Safety Railing With Self Closing Gate	2,093.54	
07 72 33 00-0043 EA 30" x 30" Painted Steel, Roof Hatch Safety Railing With Self Closing Gate	2,146.76	
07 72 33 00-0044 EA 30" x 36" Painted Steel, Roof Hatch Safety Railing With Self Closing Gate	2,337.17	
07 72 33 00-0045 EA 36" x 36" Painted Steel, Roof Hatch Safety Railing With Self Closing Gate	2,556.82	
07 72 33 00-0046 EA 48" x 48" Painted Steel, Roof Hatch Safety Railing With Self Closing Gate	3,275.41	
07 72 36 Smoke Vents (07 72)		
07 72 36 00-0001 Fire Vent (07 72 36)		
07 72 36 00-0002 Galvanized Steel Covers And Curb (07 72 36 00-0001)		
07 72 36 00-0003 EA 4'-0" x 4'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent	3,602.36	143.85
07 72 36 00-0004 EA 4'-0" x 6'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent	4,139.15	197.76
07 72 36 00-0005 EA 4'-0" x 7'-6" Galvanized Steel Covers And Curb, Smoke And Fire Vent	4,719.70	215.77
07 72 36 00-0006 EA 4'-0" x 8'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent	4,811.86	226.56
07 72 36 00-0007 EA 5'-0" x 5'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent	5,593.69	197.76
07 72 36 00-0008 EA 5'-0" x 6'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent	5,946.30	215.77
07 72 36 00-0009 EA 5'-0" x 7'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent	6,277.17	233.78
07 72 36 00-0010 EA 5'-0" x 8'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent	7,150.80	251.79
07 72 36 00-0011 EA 5'-0" x 10'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent	8,881.95	269.69
07 72 36 00-0012 EA 5'-6" x 5'-6" Galvanized Steel Covers And Curb, Smoke And Fire Vent	5,940.67	233.78
07 72 36 00-0013 EA 5'-6" x 12'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent	12,534.43	287.70
07 72 36 00-0014 EA 6'-0" x 6'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent	6,840.89	305.71
07 72 36 00-0015 Aluminum Covers And Galvanized Steel Curb (07 72 36 00-0001)		
07 72 36 00-0016 EA 4'-0" x 4'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent	2,842.33	143.85
07 72 36 00-0017 EA 4'-0" x 6'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent	3,255.61	197.76
07 72 36 00-0018 EA 4'-0" x 7'-6" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent	3,663.59	215.77
07 72 36 00-0019 EA 4'-0" x 8'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent	3,793.26	226.56
07 72 36 00-0020 EA 5'-0" x 5'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent	3,685.28	197.76
07 72 36 00-0021 EA 5'-0" x 6'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent	4,709.40	215.77
07 72 36 00-0022 EA 5'-0" x 7'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent	5,036.30	233.78
07 72 36 00-0023 EA 5'-0" x 8'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent	4,901.11	251.79
07 72 36 00-0024 EA 5'-0" x 10'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent	6,889.95	269.69
07 72 36 00-0025 EA 5'-6" x 5'-6" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent	4,752.55	233.78
07 72 36 00-0026 EA 5'-6" x 12'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent	9,040.96	287.70
07 72 36 00-0027 EA 6'-0" x 6'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent	4,657.70	305.71
07 72 36 00-0028 Aluminum Covers And Curb (07 72 36 00-0001)		

07 Thermal And Moisture Protection
07 70 Roof and Wall Specialties and Accessories
07 72 Roof Accessories



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 36 00-0029	EA		4'-0" x 4'-0" Aluminum Covers And Curb, Smoke And Fire Vent	3,101.75	143.85
07 72 36 00-0030	EA		4'-0" x 6'-0" Aluminum Covers And Curb, Smoke And Fire Vent	3,685.28	197.76
07 72 36 00-0031	EA		4'-0" x 7'-6" Aluminum Covers And Curb, Smoke And Fire Vent	4,044.62	215.77
07 72 36 00-0032	EA		4'-0" x 8'-0" Aluminum Covers And Curb, Smoke And Fire Vent	4,279.68	226.56
07 72 36 00-0033	EA		5'-0" x 5'-0" Aluminum Covers And Curb, Smoke And Fire Vent	3,879.84	197.76
07 72 36 00-0034	EA		5'-0" x 6'-0" Aluminum Covers And Curb, Smoke And Fire Vent	4,912.07	215.77
07 72 36 00-0035	EA		5'-0" x 7'-0" Aluminum Covers And Curb, Smoke And Fire Vent	5,214.65	233.78
07 72 36 00-0036	EA		5'-0" x 8'-0" Aluminum Covers And Curb, Smoke And Fire Vent	5,387.53	251.79
07 72 36 00-0037	EA		5'-0" x 10'-0" Aluminum Covers And Curb, Smoke And Fire Vent	6,541.35	269.69
07 72 36 00-0038	EA		5'-6" x 5'-6" Aluminum Covers And Curb, Smoke And Fire Vent	4,979.55	233.78
07 72 36 00-0039	EA		5'-6" x 12'-0" Aluminum Covers And Curb, Smoke And Fire Vent	9,875.99	287.70
07 72 36 00-0040	EA		6'-0" x 6'-0" Aluminum Covers And Curb, Smoke And Fire Vent	5,144.12	305.71
07 72 36 00-0041 Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb (07 72 36)					
07 72 36 00-0042	EA		4'-0" x 4'-0" Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb, Smoke And Fire Vent	3,069.32	143.42
07 72 36 00-0043	EA		4'-0" x 6'-0" Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb, Smoke And Fire Vent	3,887.94	197.76
07 72 36 00-0044	EA		4'-0" x 8'-0" Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb, Smoke And Fire Vent	4,109.43	226.56
07 72 36 00-0045	EA		5'-0" x 5'-0" Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb, Smoke And Fire Vent	4,414.91	197.76
07 72 36 00-0046	EA		5'-0" x 8'-0" Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb, Smoke And Fire Vent	4,657.92	251.79
07 72 46 Roof Walkways (07 72)					
07 72 46 00-0001 Recycled Rubber Walkway Pads (07 72 46)					
07 72 46 00-0002	SF		3/8" Thick, Button Surface, Recycled Rubber Walkway Pad	12.19	2.78
			For Diamond Surface, Add	1.13	
07 72 46 00-0003	SF		1/2" Thick, Button Surface, Recycled Rubber Walkway Pad	13.60	3.34
			For Diamond Surface, Add	1.31	
07 72 46 00-0004	SF		3/4" Thick, Button Surface, Recycled Rubber Walkway Pad	15.03	3.34
			For Diamond Surface, Add	1.47	
07 72 63 Waste Containment Assemblies (07 72)					
07 72 63 00-0001 Rooftop Oil And Grease Containment System (07 72 63)					
07 72 63 00-0002 Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD-E) (07 72 63 00-0001)					
07 72 63 00-0003	EA		48" Length, 48" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD100-E)	3,089.51	229.30
07 72 63 00-0004	EA		60" Length, 60" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD101-E)	3,457.25	229.30
07 72 63 00-0005	EA		60" Length, 90" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD106-E)	4,247.86	238.48
07 72 63 00-0006	EA		72" Length, 72" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD102-E)	4,226.84	238.48
07 72 63 00-0007	EA		72" Length, 108" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD103-E)	5,529.59	257.97
07 72 63 00-0008	EA		72" Length, 144" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD111-E)	4,305.19	257.97
07 72 63 00-0009	EA		90" Length, 90" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD105-E)	4,795.35	305.66
07 72 63 00-0010	EA		108" Length, 108" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD112-E)	7,074.07	382.14
07 72 63 00-0011	EA		120" Length, 120" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD107-E)	8,797.67	382.14
07 72 63 00-0012	EA		144" Length, 144" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD113-E)	11,162.38	382.14
07 72 63 00-0013 Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD) (07 72 63 00-0001)					
07 72 63 00-0014	EA		48" Length, 48" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD100)	3,809.33	229.30
07 72 63 00-0015	EA		60" Length, 60" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD101)	4,287.54	229.30
07 72 63 00-0016	EA		60" Length, 90" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD106)	5,304.11	238.48
07 72 63 00-0017	EA		72" Length, 72" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD102)	5,398.72	238.48
07 72 63 00-0018	EA		72" Length, 108" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD103)	7,720.89	257.97
07 72 63 00-0019	EA		72" Length, 144" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD111)	8,472.35	257.97
07 72 63 00-0020	EA		90" Length, 90" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD105)	7,864.21	305.66
07 72 63 00-0021	EA		108" Length, 108" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD112)	8,850.22	382.14
07 72 63 00-0022	EA		120" Length, 120" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD107)	11,094.06	382.14



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 63 00-0023 EA 144" Length, 144" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD113).....	14,168.18	382.14
07 72 63 00-0024 Replacement Filter Sets For Rooftop Oil And Grease Containment System (07 72 63) Note: Includes removing old filters and installing new filters.		
07 72 63 00-0025 Top And Center Replacement Filter Sets For Rooftop Oil And Grease Containment System (07 72 63 00-0024)		
07 72 63 00-0026 Light Duty, Top And Center Replacement Filter Sets For Rooftop Oil And Grease Containment System (07 72 63 00-0025)		
07 72 63 00-0027 SET 48" Length, 48" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL100-E).....	255.58	
07 72 63 00-0028 SET 60" Length, 60" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL101-E).....	360.69	
07 72 63 00-0029 SET 60" Length, 90" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL106-E).....	518.32	
07 72 63 00-0030 SET 72" Length, 72" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL102-E).....	477.24	
07 72 63 00-0031 SET 72" Length, 108" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL103-E).....	897.63	
07 72 63 00-0032 SET 72" Length, 144" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL111-E).....	908.13	
07 72 63 00-0033 SET 90" Length, 90" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL105-E).....	698.91	
07 72 63 00-0034 SET 108" Length, 108" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL112-E).....	909.10	
07 72 63 00-0035 SET 120" Length, 120" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL107-E).....	1,334.75	
07 72 63 00-0036 SET 144" Length, 144" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL113-E).....	1,760.40	
07 72 63 00-0037 Complete Replacement Filter Sets For Rooftop Oil And Grease Containment System (07 72 63 00-0024)		
07 72 63 00-0038 Light Duty, Complete Replacement Filter Sets For Rooftop Oil And Grease Containment System (07 72 63 00-0037)		
07 72 63 00-0039 SET 48" Length, 48" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL100-EC).....	535.51	
07 72 63 00-0040 SET 60" Length, 60" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL101-EC).....	714.19	
07 72 63 00-0041 SET 60" Length, 90" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL106-EC).....	1,040.00	
07 72 63 00-0042 SET 72" Length, 72" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL102-EC).....	967.38	
07 72 63 00-0043 SET 72" Length, 108" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL103-EC).....	1,865.97	
07 72 63 00-0044 SET 72" Length, 144" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL111-EC).....	1,876.47	
07 72 63 00-0045 SET 90" Length, 90" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL105-EC).....	1,388.72	
07 72 63 00-0046 SET 108" Length, 108" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL112-EC).....	1,877.44	
07 72 63 00-0047 SET 120" Length, 120" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL107-EC).....	2,755.00	
07 72 63 00-0048 SET 144" Length, 144" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL113-EC).....	3,669.36	
07 72 63 00-0049 Heavy Duty, Complete Replacement Filter Sets For Rooftop Oil And Grease Containment System (07 72 63 00-0037)		
07 72 63 00-0050 SET 48" Length, 48" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL100-C).....	666.89	
07 72 63 00-0051 SET 60" Length, 60" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL101-C).....	829.80	
07 72 63 00-0052 SET 60" Length, 90" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL106-C).....	1,218.65	
07 72 63 00-0053 SET 72" Length, 72" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL102-C).....	1,151.30	
07 72 63 00-0054 SET 72" Length, 108" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL103-C).....	2,249.57	
07 72 63 00-0055 SET 72" Length, 144" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL111-C).....	2,239.07	
07 72 63 00-0056 SET 90" Length, 90" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL105-C).....	1,630.47	
07 72 63 00-0057 SET 108" Length, 108" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL112-C).....	2,261.04	
07 72 63 00-0058 SET 120" Length, 120" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL107-C).....	3,175.40	

07 Thermal And Moisture Protection
07 70 Roof and Wall Specialties and Accessories
07 72 Roof Accessories



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

07 72 63 00-0059 SET 144" Length, 144" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL113-C).....4,420.82

07 73 Roof Protection Board (07 70)

07 73 00 00-0001 Roof Protection Board (07 73)

Note: Use these items for specified related installations with systems per CSI section 07 50 00. Items are for single layer of panels attached per FM I-90 requirements.

07 73 00 00-0002 Cold Adhesive Applied, Roof Protection Board (Georgia-Pacific DensDeck®) (07 73 00 00-0001)

07 73 00 00-0003	SF	1/4" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Cold Adhesive Applied (Georgia-Pacific DensDeck®).....	3.98	0.57
		<i>For No Adhesive, Deduct</i>	-0.91	
07 73 00 00-0004	SF	1/2" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Cold Adhesive Applied (Georgia-Pacific DensDeck®).....	4.50	0.63
		<i>For No Adhesive, Deduct</i>	-0.94	
07 73 00 00-0005	SF	5/8" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Cold Adhesive Applied (Georgia-Pacific DensDeck®).....	4.74	0.69
		<i>For No Adhesive, Deduct</i>	-0.95	
07 73 00 00-0006	SF	1/4" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Cold Adhesive Applied (Georgia-Pacific DensDeck® Prime).....	4.04	0.57
		<i>For No Adhesive, Deduct</i>	-0.91	
07 73 00 00-0007	SF	1/2" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Cold Adhesive Applied (Georgia-Pacific DensDeck® Prime).....	4.59	0.63
		<i>For No Adhesive, Deduct</i>	-0.94	
07 73 00 00-0008	SF	5/8" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Cold Adhesive Applied (Georgia-Pacific DensDeck® Prime).....	4.83	0.69
		<i>For No Adhesive, Deduct</i>	-0.95	

07 73 00 00-0009 Hot-Mopped, Roof Protection Board (Georgia-Pacific DensDeck®) (07 73 00 00-0001)

07 73 00 00-0010	SF	1/4" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Hot-Mopped (Georgia-Pacific DensDeck®).....	3.80	0.57
07 73 00 00-0011	SF	1/2" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Hot-Mopped (Georgia-Pacific DensDeck®).....	4.34	0.63
07 73 00 00-0012	SF	5/8" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Hot-Mopped (Georgia-Pacific DensDeck®).....	4.60	0.69
07 73 00 00-0013	SF	1/4" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Hot-Mopped (Georgia-Pacific DensDeck® Prime).....	3.86	0.57
07 73 00 00-0014	SF	1/2" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Hot-Mopped (Georgia-Pacific DensDeck® Prime).....	4.43	0.63
07 73 00 00-0015	SF	5/8" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Hot-Mopped (Georgia-Pacific DensDeck® Prime).....	4.69	0.69

07 73 00 00-0016 Mechanically Fastened, Roof Protection Board (Georgia-Pacific DensDeck®) (07 73 00 00-0001)

Note: Mechanically fastened to wood or steel.

07 73 00 00-0017	SF	1/4" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Mechanically Fastened (Georgia-Pacific DensDeck®).....	3.79	0.57
		<i>For Mechanically Fastened To Concrete, Add</i>	1.53	
		<i>For Mechanically Fastened To Gypsum, Add</i>	2.04	
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.73	
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.78	
		<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.54	
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.09	
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.80	
		<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.81	
07 73 00 00-0018	SF	1/2" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Mechanically Fastened (Georgia-Pacific DensDeck®).....	4.31	0.63
		<i>For Mechanically Fastened To Concrete, Add</i>	1.53	
		<i>For Mechanically Fastened To Gypsum, Add</i>	2.04	
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.73	
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.86	
		<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.54	
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.09	
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.88	
		<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.81	
07 73 00 00-0019	SF	5/8" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Mechanically Fastened (Georgia-Pacific DensDeck®).....	4.55	0.69
		<i>For Mechanically Fastened To Concrete, Add</i>	1.53	
		<i>For Mechanically Fastened To Gypsum, Add</i>	2.04	
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.73	
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.92	
		<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.54	
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.09	
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.94	
		<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.81	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 73 00 00-0020	SF	1/4" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Mechanically Fastened (Georgia-Pacific DensDeck® Prime).....	3.85	0.57	
		For Mechanically Fastened To Concrete, Add	1.53		
		For Mechanically Fastened To Gypsum, Add	2.04		
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.73		
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.78		
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.54		
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.09		
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.80		
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.81		
07 73 00 00-0021	SF	1/2" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Mechanically Fastened (Georgia-Pacific DensDeck® Prime).....	4.40	0.63	
		For Mechanically Fastened To Concrete, Add	1.53		
		For Mechanically Fastened To Gypsum, Add	2.04		
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.73		
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.86		
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.54		
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.09		
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.88		
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.81		
07 73 00 00-0022	SF	5/8" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Mechanically Fastened (Georgia-Pacific DensDeck® Prime).....	4.64	0.69	
		For Mechanically Fastened To Concrete, Add	1.53		
		For Mechanically Fastened To Gypsum, Add	2.04		
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.73		
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.92		
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.54		
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.09		
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.94		
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.81		

07 76 Roof Pavers (07 70)

07 76 16 Roof Decking Pavers (07 76)

07 76 16 00-0001 Roof Pavers (07 76 16)

Note: For walkway application over roofing system.

07 76 16 00-0002	SF	Up To 100 SF, 2" Concrete Roof Paver	12.17	7.23
		For 1-1/2" Thickness, Deduct	-1.22	
		For 2-1/2" Thickness, Add	1.35	
		For 3" Thickness, Add	2.71	
07 76 16 00-0003	SF	>100 To 200 SF, 2" Concrete Roof Paver	10.92	5.45
		For 1-1/2" Thickness, Deduct	-1.09	
		For 2-1/2" Thickness, Add	1.22	
		For 3" Thickness, Add	2.44	
07 76 16 00-0004	SF	>200 To 400 SF, 2" Concrete Roof Paver	10.22	4.34
		For 1-1/2" Thickness, Deduct	-1.02	
		For 2-1/2" Thickness, Add	1.14	
		For 3" Thickness, Add	2.29	
07 76 16 00-0005	SF	>400 To 1,000 SF, 2" Concrete Roof Paver	9.79	3.78
		For 1-1/2" Thickness, Deduct	-0.98	
		For 2-1/2" Thickness, Add	1.09	
		For 3" Thickness, Add	2.19	
07 76 16 00-0006	SF	>1,000 SF, 2" Concrete Roof Paver	9.26	3.44
		For 1-1/2" Thickness, Deduct	-0.93	
		For 2-1/2" Thickness, Add	1.03	
		For 3" Thickness, Add	2.07	

07 76 16 00-0007 Roof Paver Pedestal (07 76 16)

07 76 16 00-0008	EA	2" To 3" High Adjustable Roof Paver Pedestal, 2" Base, 2" Top (Hanover Elevator)	25.53	1.14
07 76 16 00-0009	EA	3" To 4-3/4" High Adjustable Roof Paver Pedestal, 3" Base, 3" Top (Hanover Elevator)	26.67	1.14
07 76 16 00-0010	EA	4-3/4" To 7-3/4" High Adjustable Roof Paver Pedestal, 4" Base, 4" Top (Hanover Elevator)	27.83	1.14
07 76 16 00-0011	EA	Adjustable Roof Paver Pedestal Coupler, Adds 2-1/2" To 4" (Hanover Elevator).....	14.25	1.14
07 76 16 00-0012	EA	Stay Bar, Used With Roof Paver Pedestals >16" High (Hanover Elevator).....	12.46	1.14
07 76 16 00-0013	EA	5/8" High Tab Roof Paver Pedestal (Hanover High Tab Pedestal).....	12.77	1.14
		Note: Stackable.		
07 76 16 00-0014	EA	1/16" And 1/8" Flexible Leveling Plates For Roof Paver Pedestal	7.21	1.14
		Note: Used with High Tab and Elevator pedestals.		
07 76 16 00-0015	EA	Roof Paver Leveling System, Twist To Adjust Pitch (Hanover Compensator).....	9.46	1.14
		Note: Each Compensator levels 1/8" of slope and are stackable. Used with High Tab and Elevator pedestals.		

07 76 16 00-0016 Roof Paver (07 76 16)

Note: For walkway application over roofing system.

07 76 16 00-0017	EA	2" Thick, 48" x 48" Nonimal, Reinforced Precast Concrete Pavers.....	885.76	
		Note: Custom color and finish to match existing		

07 76 19 Composite Insulation Concrete Protection Board (07 76)

Note: Manufactured by T. Clear Corp. 25 year warranty.

07 76 19 00-0001 Composite Insulation Concrete Protection Board (07 76 19)

Note: Manufactured by T. Clear Corp. 25 year warranty.

07	Thermal And Moisture Protection
07 70	Roof and Wall Specialties and Accessories
07 76	Roof Pavers



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 76 19 00-0002 SF 2" Extruded Polystyrene Insulation Board Lightguard Composite With 3/8" Latex Modified Concrete, 4.5 PSF.....	5.99	
For 20 Year Warranty, Deduct	-0.36	
For 15 Year Warranty, Deduct	-0.73	
For 10 Year Warranty, Deduct	-0.99	
For Winds >90 MPH To 120 MPH Warranty, Add	0.10	
07 76 19 00-0003 SF 3" Extruded Polystyrene Insulation Board Lightguard Composite With 3/8" Latex Modified Concrete, 4.5 PSF.....	7.85	
For 20 Year Warranty, Deduct	-0.52	
For 15 Year Warranty, Deduct	-1.04	
For 10 Year Warranty, Deduct	-1.40	
For Winds >90 MPH To 120 MPH Warranty, Add	0.10	
07 76 19 00-0004 SF 2" Extruded Polystyrene Insulation Board Heavyguard Composite With 15/16" Latex Modified Concrete, 11 PSF.....	9.21	
For 20 Year Warranty, Deduct	-0.60	
For 15 Year Warranty, Deduct	-1.20	
For 10 Year Warranty, Deduct	-1.63	
For Winds >90 MPH To 120 MPH Warranty, Add	0.10	
07 76 19 00-0005 SF 3" Extruded Polystyrene Insulation Board Heavyguard Composite With 15/16" Latex Modified Concrete, 11 PSF.....	11.15	
For 20 Year Warranty, Deduct	-0.75	
For 15 Year Warranty, Deduct	-1.51	
For 10 Year Warranty, Deduct	-2.04	
For Winds >90 MPH To 120 MPH Warranty, Add	0.10	

07 80 Fire and Smoke Protection⁽⁰⁷⁾

07 81 Applied Fireproofing^(07 80)

Note: Includes bonding agents as required.

07 81 16 Cementitious Fireproofing^(07 81)

07 81 16 00-0001 Monokote Fireproofing^(07 81 16)

07 81 16 00-0002 SF Monokote Fireproofing For Ceiling/Decking, Per Inch Of Thickness.....	2.26	0.76
07 81 16 00-0003 SF Monokote Fireproofing For Structural Steel, Per Inch Of Thickness.....	3.12	1.14

07 81 16 00-0004 Gunite Fireproofing^(07 81 16)

07 81 16 00-0005 SF 1" Thick, Non-Reinforced, Gunite Fireproofing.....	3.01	0.67
07 81 16 00-0006 SF 1" Thick, Reinforced, Gunite Fireproofing.....	4.28	0.67

07 81 23 Intumescent Fireproofing^(07 81)

07 81 23 00-0001 Intumescent Thin Film Fireproofing (Albi Clad TF)^(07 81 23)

07 81 23 00-0002 Intumescent Thin Film Fireproofing For Beams (Albi Clad TF)^(07 81 23 00-0001)

Note: Excludes primer.

07 81 23 00-0003 SF 1 Hour, Intumescent Thin Film Fireproofing For Beams (Albi Clad TF).....	17.19	
For >10,000, Deduct	-1.66	
07 81 23 00-0004 SF 1-1/2 Hour, Intumescent Thin Film Fireproofing For Beams (Albi Clad TF).....	27.80	
For >10,000, Deduct	-2.72	

07 81 23 00-0005 Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF)^(07 81 23 00-0001)

Note: Excludes primer.

07 81 23 00-0006 SF 1 Hour, Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF).....	11.00	
For >10,000, Deduct	-1.04	
07 81 23 00-0007 SF 1-1/2 Hour, Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF).....	24.85	
For >10,000, Deduct	-2.42	
07 81 23 00-0008 SF 2 Hour, Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF).....	56.74	
For >10,000, Deduct	-5.61	
07 81 23 00-0009 SF 2-1/2 Hour, Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF).....	78.24	
For >10,000, Deduct	-7.75	
07 81 23 00-0010 SF 3 Hour, Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF).....	99.77	
For >10,000, Deduct	-9.90	
07 81 23 00-0011 SF 3-1/2 Hour, Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF).....	121.32	
For >10,000, Deduct	-12.05	

07 81 23 00-0012 Intumescent Thin Film Fireproofing For Hollow Section Columns (Albi Clad TF)^(07 81 23 00-0001)

Note: Excludes primer.

07 81 23 00-0013 SF 1 Hour, Intumescent Thin Film Fireproofing For Hollow Section Columns (Albi Clad TF).....	22.62	
For >10,000, Deduct	-2.20	
07 81 23 00-0014 SF 1-1/2 Hour, Intumescent Thin Film Fireproofing For Hollow Section Columns (Albi Clad TF).....	42.36	
For >10,000, Deduct	-4.17	
07 81 23 00-0015 SF 2 Hour, Intumescent Thin Film Fireproofing For Hollow Section Columns (Albi Clad TF).....	67.47	
For >10,000, Deduct	-6.68	
07 81 23 00-0016 SF 2-1/2 Hour, Intumescent Thin Film Fireproofing For Hollow Section Columns (Albi Clad TF).....	94.35	
For >10,000, Deduct	-9.37	
07 81 23 00-0017 SF 3 Hour, Intumescent Thin Film Fireproofing For Hollow Section Columns (Albi Clad TF).....	119.46	
For >10,000, Deduct	-11.87	



Thermal And Moisture Protection		07
Fire and Smoke Protection		07 80
Applied Fireproofing		07 81

07

MINOR CSI UOM DESCRIPTION		TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 81 23 00-0018	Intumescent Thin Film Fireproofing (Albi Clad FP) (07 81 23)		
07 81 23 00-0019	Intumescent Thin Film Fireproofing For Exposed Wood, Wallboard And Non-Ferrous Substrates (Albi Clad FP) (07 81 23 00-0018)		
Note: Excludes primer.			
07 81 23 00-0020	SF 1 Hour, Intumescent Thin Film Fireproofing For Exposed Wood, Wallboard And Non-Ferrous Substrates (Albi Clad FP)	10.89	
	For >10,000, Deduct	-1.05	
07 81 23 00-0021	SF 1-1/2 Hour, Intumescent Thin Film Fireproofing For Exposed Wood, Wallboard And Non-Ferrous Substrates (Albi Clad FP)	25.13	
	For >10,000, Deduct	-2.47	
07 81 23 00-0022	SF 2 Hour, Intumescent Thin Film Fireproofing For Exposed Wood, Wallboard And Non-Ferrous Substrates (Albi Clad FP)	57.94	
	For >10,000, Deduct	-5.75	
07 81 23 00-0023	SF 2-1/2 Hour, Intumescent Thin Film Fireproofing For Exposed Wood, Wallboard And Non-Ferrous Substrates (Albi Clad FP)	80.06	
	For >10,000, Deduct	-7.96	
07 81 23 00-0024	SF 3 Hour, Intumescent Thin Film Fireproofing For Exposed Wood, Wallboard And Non-Ferrous Substrates (Albi Clad FP)	102.20	
	For >10,000, Deduct	-10.17	
07 81 33	Mineral-Fiber Fireproofing (07 81)		
07 81 33 00-0001	Cellulose Fireproofing (07 81 33)		
07 81 33 00-0002	SF Cellulose Fireproofing, Per Inch Of Thickness.....	2.61	0.67
07 84	Firestopping (07 80)		
07 84 13	Penetration Firestopping (07 84)		
07 84 13 16	Penetration Firestopping Devices (07 84 13)		
07 84 13 16-0001	Firestopping Systems For Cable Penetrations (07 84 13 16)		
07 84 13 16-0002	Intumescent Firestop Cable Sleeve For New Installations (07 84 13 16-0001)		
Note: Includes putty, escutcheon plates, gaskets and bushings.			
07 84 13 16-0003	EA 1" Diameter Intumescent Firestop Sleeve (STI FS100)	67.17	
07 84 13 16-0004	EA 2" Diameter Intumescent Firestop Sleeve (STI FS201)	92.06	
07 84 13 16-0005	EA 4" Diameter Intumescent Firestop Sleeve (STI FS401)	152.63	
07 84 13 16-0006	Intumescent Firestop Cable Pathway For New Or Existing Cable Installations (07 84 13 16-0001)		
Note: Includes pathway, putty and wall/floor mounting plates.			
07 84 13 16-0007	EA 1-1/64" x 1-1/64" Intumescent Firestop Cable Pathway Through Up To 9" Thick Walls (STI EZD22)	127.30	
07 84 13 16-0008	EA 3" x 3" Intumescent Firestop Cable Pathway Through Up To 9" Thick Walls (STI EZDP33FWS)	226.44	
07 84 13 16-0009	EA 4" x 4-5/8" Intumescent Firestop Cable Pathway Through Up To 10" Thick Walls (STI EZDP44)	418.48	
07 84 13 16-0010	3M Intumescent Firestopping Multi-Trade Pass Through Device (07 84 13 16)		
07 84 13 16-0011	EA 2-1/2" Square Opening, Intumescent Firestop Multi-Trade Pass Through Device (3M QP2.5SD)	287.83	
07 84 13 16-0012	EA 4" Square Opening, Intumescent Firestop Multi-Trade Pass Through Device (3M QP4SD)	265.83	
07 84 13 16-0013	EA 4" Diameter Intumescent Firestop Multi-Trade Pass Through Device (3M QP2.5SD)	274.19	
07 84 13 16-0014	Intumescent Firestopping Pipe Collar (07 84 13 16)		
07 84 13 16-0015	EA 1-1/2" Intumescent Firestop Pipe Collar (3M ULTRAPPD1.5)	41.42	11.14
07 84 13 16-0016	EA 2" Intumescent Firestop Pipe Collar (3M ULTRAPPD2.0)	50.64	11.14
07 84 13 16-0017	EA 3" Intumescent Firestop Pipe Collar (3M ULTRAPPD3.0)	59.11	12.26
07 84 13 16-0018	EA 4" Intumescent Firestop Pipe Collar (3M ULTRAPPD4.0)	94.11	13.93
07 84 13 16-0019	EA 8" Intumescent Firestop Pipe Collar (Hilti CP644 8")	478.03	16.71
07 84 13 16-0020	EA 10" Intumescent Firestop Pipe Collar (Hilti CP644 10")	618.56	18.38
07 84 13 16-0021	Fire Rated Enclosures (Fire Rated Product Specialties Corp.) (07 84 13 16)		
Note: Includes fasteners. Excludes additional perimeter caulk where required. See CSI section 07 84 43 00-0001 for perimeter sealant caulk where required.			
07 84 13 16-0022	EA 12.2" Wide x 20.2" Long x 9.5" Deep Fire Rated Enclosure, 1 Hour Rated (FRPS #FN-Z-12-20-9)	164.72	
	Note: Used for recessed lighting, speakers, controls, valves, plumbing drain terminations, etc.		
07 84 13 16-0023	EA 15.2" Wide x 16.2" Long x 9.5" Deep Fire Rated Enclosure, 1 Hour Rated (FRPS #FN-Z-15-16-9)	175.28	
	Note: Used for recessed lighting, speakers, controls, valves, plumbing drain terminations, etc.		
07 84 13 16-0024	EA 11.8" Wide x 19.8" Long x 9.12" Deep Fire Rated Enclosure, 1 Hour Rated (FRPS #FN-Z-12-20-9-EXH)	352.14	
	Note: Includes 4" duct connector. For use with bathroom ventilation and exhaust fans.		
07 84 13 16-0025	EA 14.0" Wide x 14.0" Long x 3.2" Deep Fire Rated Enclosure, 1 Hour Rated (FRPS #FN-Z-14-14-3)	221.72	
	Note: Used for shut-off valves, shower and tub valves, washer boxes, icemaker water feeds, speakers, controls, junction boxes, etc.		
07 84 13 16-0026	Intumescent Firestopping Wrap Strips (07 84 13 16)		
07 84 13 16-0027	LF 1/8" Thick, 1-1/2" Wide, Intumescent Firestopping Wrap Strip (STI SpecSeal SSW Series)	7.03	

07 Thermal And Moisture Protection**07 80 Fire and Smoke Protection****07 84 Firestopping**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

07 84 13 19 Penetration Firestopping Caulk (07 84 13)**07 84 13 19-0001 Intumescent Firestopping For Sealing Pipe Penetrations (3M CP 25WB+)** (07 84 13 19)

Note: Includes firestop caulk and batt for floor or ceiling penetration or one side of a wall penetration. 1/2" thick caulk for annular spaces 1" and less. 1" thick caulk for annular spaces 1-1/4" or more.

07 84 13 19-0002	EA 1" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	21.89
	For Intumescent Sealant For Plastic Pipe, Add	0.08
07 84 13 19-0003	EA 1-1/2" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	27.08
	For Intumescent Sealant For Plastic Pipe, Add	0.42
07 84 13 19-0004	EA 1-1/2" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	26.81
	For Intumescent Sealant For Plastic Pipe, Add	0.31
07 84 13 19-0005	EA 1-1/2" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	26.37
	For Intumescent Sealant For Plastic Pipe, Add	0.14
07 84 13 19-0006	EA 2" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	31.52
	For Intumescent Sealant For Plastic Pipe, Add	0.89
07 84 13 19-0007	EA 2" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	31.26
	For Intumescent Sealant For Plastic Pipe, Add	0.79
07 84 13 19-0008	EA 2" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	30.82
	For Intumescent Sealant For Plastic Pipe, Add	0.61
07 84 13 19-0009	EA 2" Diameter Hole With 1-1/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	30.14
	For Intumescent Sealant For Plastic Pipe, Add	0.34
07 84 13 19-0010	EA 2" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	29.55
	For Intumescent Sealant For Plastic Pipe, Add	0.10
07 84 13 19-0011	EA 2-1/2" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	38.45
	For Intumescent Sealant For Plastic Pipe, Add	1.50
07 84 13 19-0012	EA 2-1/2" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	38.19
	For Intumescent Sealant For Plastic Pipe, Add	1.40
07 84 13 19-0013	EA 2-1/2" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	37.75
	For Intumescent Sealant For Plastic Pipe, Add	1.22
07 84 13 19-0014	EA 2-1/2" Diameter Hole With 1-1/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	37.06
	For Intumescent Sealant For Plastic Pipe, Add	0.94
07 84 13 19-0015	EA 2-1/2" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	36.49
	For Intumescent Sealant For Plastic Pipe, Add	0.72
07 84 13 19-0016	EA 2-1/2" Diameter Hole With 2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	35.11
	For Intumescent Sealant For Plastic Pipe, Add	0.16
07 84 13 19-0017	EA 3" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	53.49
	For Intumescent Sealant For Plastic Pipe, Add	4.04
07 84 13 19-0018	EA 3" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	48.74
	For Intumescent Sealant For Plastic Pipe, Add	2.14
07 84 13 19-0019	EA 3" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	48.30
	For Intumescent Sealant For Plastic Pipe, Add	1.97
07 84 13 19-0020	EA 3" Diameter Hole With 1-1/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	47.61
	For Intumescent Sealant For Plastic Pipe, Add	1.69
07 84 13 19-0021	EA 3" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	47.03
	For Intumescent Sealant For Plastic Pipe, Add	1.46
07 84 13 19-0022	EA 3" Diameter Hole With 2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	45.66
	For Intumescent Sealant For Plastic Pipe, Add	0.91
07 84 13 19-0023	EA 3" Diameter Hole With 2-1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	43.88
	For Intumescent Sealant For Plastic Pipe, Add	0.20
07 84 13 19-0024	EA 4" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	72.89
	For Intumescent Sealant For Plastic Pipe, Add	7.46
07 84 13 19-0025	EA 4" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	72.40
	For Intumescent Sealant For Plastic Pipe, Add	7.27
07 84 13 19-0026	EA 4" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	71.62
	For Intumescent Sealant For Plastic Pipe, Add	6.96
07 84 13 19-0027	EA 4" Diameter Hole With 1-1/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	70.39
	For Intumescent Sealant For Plastic Pipe, Add	6.46
07 84 13 19-0028	EA 4" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	69.34
	For Intumescent Sealant For Plastic Pipe, Add	6.04
07 84 13 19-0029	EA 4" Diameter Hole With 2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	61.25
	For Intumescent Sealant For Plastic Pipe, Add	2.81
07 84 13 19-0030	EA 4" Diameter Hole With 2-1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	59.47
	For Intumescent Sealant For Plastic Pipe, Add	2.10
07 84 13 19-0031	EA 4" Diameter Hole With 3" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	56.77
	For Intumescent Sealant For Plastic Pipe, Add	1.02
07 84 13 19-0032	EA 6" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	118.96
	For Intumescent Sealant For Plastic Pipe, Add	17.22
07 84 13 19-0033	EA 6" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	118.48
	For Intumescent Sealant For Plastic Pipe, Add	17.02
07 84 13 19-0034	EA 6" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	117.70
	For Intumescent Sealant For Plastic Pipe, Add	16.71
07 84 13 19-0035	EA 6" Diameter Hole With 1-1/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	116.47
	For Intumescent Sealant For Plastic Pipe, Add	16.22
07 84 13 19-0036	EA 6" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	115.43
	For Intumescent Sealant For Plastic Pipe, Add	15.80
07 84 13 19-0037	EA 6" Diameter Hole With 2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	112.95
	For Intumescent Sealant For Plastic Pipe, Add	14.81
07 84 13 19-0038	EA 6" Diameter Hole With 2-1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	109.75
	For Intumescent Sealant For Plastic Pipe, Add	13.53
07 84 13 19-0039	EA 6" Diameter Hole With 3" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	104.89
	For Intumescent Sealant For Plastic Pipe, Add	11.59



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 84 13 19-0040	EA		6" Diameter Hole With 4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+).....	86.60	
			For Intumescent Sealant For Plastic Pipe, Add	4.27	
07 84 13 19-0041	EA		8" Diameter Hole With 2-1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+).....	160.16	
			For Intumescent Sealant For Plastic Pipe, Add	27.19	
07 84 13 19-0042	EA		8" Diameter Hole With 3" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+).....	155.29	
			For Intumescent Sealant For Plastic Pipe, Add	25.24	
07 84 13 19-0043	EA		8" Diameter Hole With 4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+).....	145.54	
			For Intumescent Sealant For Plastic Pipe, Add	21.34	
07 84 13 19-0044	EA		8" Diameter Hole With 6" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+).....	105.76	
			For Intumescent Sealant For Plastic Pipe, Add	5.43	
07 84 13 19-0045	EA		10" Diameter Hole With 4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+).....	205.73	
			For Intumescent Sealant For Plastic Pipe, Add	38.91	
07 84 13 19-0046	EA		10" Diameter Hole With 6" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+).....	176.80	
			For Intumescent Sealant For Plastic Pipe, Add	27.34	
07 84 13 19-0047	EA		10" Diameter Hole With 8" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+).....	125.75	
			For Intumescent Sealant For Plastic Pipe, Add	6.92	

07 84 13 19-0048 Intumescent Firestopping For Sealing Pipe Penetrations (STI SpecSeal SSS Series) (07 84 13 19)

Note: Includes sealant and fiberglass or mineral wool batt for floor, ceiling or wall penetrations.

07 84 13 19-0049	EA		1-1/2" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....	26.93	
07 84 13 19-0050	EA		1-1/2" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....	26.65	
07 84 13 19-0051	EA		1-1/2" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....	26.33	
07 84 13 19-0052	EA		2" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....	31.11	
07 84 13 19-0053	EA		2" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....	30.83	
07 84 13 19-0054	EA		2" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....	30.51	
07 84 13 19-0055	EA		2" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....	29.57	
07 84 13 19-0056	EA		2.5" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....	37.97	
07 84 13 19-0057	EA		2.5" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....	37.69	
07 84 13 19-0058	EA		2.5" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....	37.37	
07 84 13 19-0059	EA		2.5" Diameter Hole With 1-1/4" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....	36.89	
07 84 13 19-0060	EA		2.5" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....	36.43	
07 84 13 19-0061	EA		2.5" Diameter Hole With 2" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....	35.24	
07 84 13 19-0062	EA		3" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....	48.17	
07 84 13 19-0063	EA		3" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....	47.89	
07 84 13 19-0064	EA		3" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....	47.57	
07 84 13 19-0065	EA		3" Diameter Hole With 1-1/4" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....	47.09	
07 84 13 19-0066	EA		3" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....	46.63	
07 84 13 19-0067	EA		3" Diameter Hole With 2" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....	45.44	
07 84 13 19-0068	EA		3" Diameter Hole With 2-1/2" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....	43.71	
07 84 13 19-0069	EA		4" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....	63.18	
07 84 13 19-0070	EA		4" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....	62.90	
07 84 13 19-0071	EA		4" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....	62.58	
07 84 13 19-0072	EA		4" Diameter Hole With 1-1/4" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....	61.99	
07 84 13 19-0073	EA		4" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....	61.41	
07 84 13 19-0074	EA		4" Diameter Hole With 2" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....	60.22	
07 84 13 19-0075	EA		4" Diameter Hole With 2-1/2" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....	58.72	
07 84 13 19-0076	EA		4" Diameter Hole With 3" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....	56.34	
07 84 13 19-0077	EA		6" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....	96.52	
07 84 13 19-0078	EA		6" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....	96.24	
07 84 13 19-0079	EA		6" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....	95.92	
07 84 13 19-0080	EA		6" Diameter Hole With 1-1/4" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....	95.44	
07 84 13 19-0081	EA		6" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....	94.99	
07 84 13 19-0082	EA		6" Diameter Hole With 2" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....	93.79	
07 84 13 19-0083	EA		6" Diameter Hole With 2-1/2" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....	92.06	
07 84 13 19-0084	EA		6" Diameter Hole With 3" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....	89.92	
07 84 13 19-0085	EA		6" Diameter Hole With 4" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....	84.94	
07 84 13 19-0086	EA		8" Diameter Hole With 2-1/2" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....	124.73	
07 84 13 19-0087	EA		8" Diameter Hole With 3" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....	122.58	
07 84 13 19-0088	EA		8" Diameter Hole With 4" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....	117.60	
07 84 13 19-0089	EA		8" Diameter Hole With 6" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....	104.07	
07 84 13 19-0090	EA		10" Diameter Hole With 4" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....	155.03	
07 84 13 19-0091	EA		10" Diameter Hole With 6" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....	141.49	
07 84 13 19-0092	EA		10" Diameter Hole With 8" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....	123.15	

07 84 13 19-0093 Smoke, Noise And Infectious/Dust Control Sealant For Sealing Pipe Penetrations (07 84 13 19)

Note: Includes sealant and fiberglass or mineral wool batt for floor, ceiling or wall penetrations.

07 84 13 19-0094	EA		1-1/2" Diameter Hole With 1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	26.39	
07 84 13 19-0095	EA		1-1/2" Diameter Hole With 3/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	26.29	
07 84 13 19-0096	EA		1-1/2" Diameter Hole With 1" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	26.15	
07 84 13 19-0097	EA		2" Diameter Hole With 1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	30.04	
07 84 13 19-0098	EA		2" Diameter Hole With 3/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	29.93	
07 84 13 19-0099	EA		2" Diameter Hole With 1" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	29.79	

07 Thermal And Moisture Protection**07 80 Fire and Smoke Protection****07 84 Firestopping**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 84 13 19-0100	EA	2" Diameter Hole With 1-1/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	29.59	
07 84 13 19-0101	EA	2" Diameter Hole With 1-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	29.39	
07 84 13 19-0102	EA	2.5" Diameter Hole With 1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	35.99	
07 84 13 19-0103	EA	2.5" Diameter Hole With 3/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	35.90	
07 84 13 19-0104	EA	2.5" Diameter Hole With 1" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	35.75	
07 84 13 19-0105	EA	2.5" Diameter Hole With 1-1/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	35.54	
07 84 13 19-0106	EA	2.5" Diameter Hole With 1-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	35.36	
07 84 13 19-0107	EA	2.5" Diameter Hole With 2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	34.88	
07 84 13 19-0108	EA	3" Diameter Hole With 1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	45.29	
07 84 13 19-0109	EA	3" Diameter Hole With 3/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	45.20	
07 84 13 19-0110	EA	3" Diameter Hole With 1" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	45.06	
07 84 13 19-0111	EA	3" Diameter Hole With 1-1/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	44.84	
07 84 13 19-0112	EA	3" Diameter Hole With 1-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	44.66	
07 84 13 19-0113	EA	3" Diameter Hole With 2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	44.18	
07 84 13 19-0114	EA	3" Diameter Hole With 2-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	43.53	
07 84 13 19-0115	EA	4" Diameter Hole With 1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	57.79	
07 84 13 19-0116	EA	4" Diameter Hole With 3/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	57.69	
07 84 13 19-0117	EA	4" Diameter Hole With 1" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	57.55	
07 84 13 19-0118	EA	4" Diameter Hole With 1-1/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	57.32	
07 84 13 19-0119	EA	4" Diameter Hole With 1-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	57.10	
07 84 13 19-0120	EA	4" Diameter Hole With 2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	56.62	
07 84 13 19-0121	EA	4" Diameter Hole With 2-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	56.03	
07 84 13 19-0122	EA	4" Diameter Hole With 3" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	55.08	
07 84 13 19-0123	EA	6" Diameter Hole With 1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	84.12	
07 84 13 19-0124	EA	6" Diameter Hole With 3/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	84.02	
07 84 13 19-0125	EA	6" Diameter Hole With 1" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	83.88	
07 84 13 19-0126	EA	6" Diameter Hole With 1-1/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	83.68	
07 84 13 19-0127	EA	6" Diameter Hole With 1-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	83.49	
07 84 13 19-0128	EA	6" Diameter Hole With 2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	83.01	
07 84 13 19-0129	EA	6" Diameter Hole With 2-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	82.36	
07 84 13 19-0130	EA	6" Diameter Hole With 3" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	81.47	
07 84 13 19-0131	EA	6" Diameter Hole With 4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	79.55	
07 84 13 19-0132	EA	8" Diameter Hole With 2-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	105.14	
07 84 13 19-0133	EA	8" Diameter Hole With 3" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	104.25	
07 84 13 19-0134	EA	8" Diameter Hole With 4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	102.33	
07 84 13 19-0135	EA	8" Diameter Hole With 6" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	96.88	
07 84 13 19-0136	EA	10" Diameter Hole With 4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	127.01	
07 84 13 19-0137	EA	10" Diameter Hole With 6" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	121.55	
07 84 13 19-0138	EA	10" Diameter Hole With 8" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	114.34	

07 84 16 Annular Space Firestopping Protection (07 84)

07 84 16 00-0001 Intumescent Firestopping For Electrical Outlet Boxes (07 84 16)

07 84 16 00-0002 Intumescent Putty Pads For Wrapping Outlet Box Exteriors (07 84 16 00-0001)



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 84 16 00-0003	EA		1 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+).....	36.32	
07 84 16 00-0004	EA		2 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+).....	53.12	
07 84 16 00-0005	EA		3 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+).....	55.29	
07 84 16 00-0006	EA		4 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+).....	57.46	
07 84 16 00-0007	EA		5 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+).....	59.63	
07 84 16 00-0008	EA		6 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+).....	76.42	
07 84 16 00-0009			Intumescent Firestop Gasket For Wall Plates (07 84 16 00-0001)		
07 84 16 00-0010	EA		Single Switch Wall Plate, Intumescent Firestop Gasket (RectorSeal 66276).....	14.37	
07 84 16 00-0011	EA		Double Switch Wall Plate, Intumescent Firestop Gasket (RectorSeal 66274).....	14.99	
07 84 16 00-0012	EA		Single Receptacle Wall Plate, Intumescent Firestop Gasket (RectorSeal 66272).....	13.85	
07 84 16 00-0013	EA		Double Receptacle Wall Plate, Intumescent Firestop Gasket (RectorSeal 66270).....	15.03	
07 84 16 00-0014	EA		Single Decor Wall Plate, Intumescent Firestop Gasket (RectorSeal 66266).....	14.57	
07 84 16 00-0015	EA		Double Decor Wall Plate, Intumescent Firestop Gasket (RectorSeal 66265).....	13.92	
07 84 16 00-0016			Intumescent Fire Barrier Pillows For Sealing Large Openings (07 84 16)		
07 84 16 00-0017	EA		2" x 4" x 9" Intumescent Fire Barrier Pillow (3M FB249).....	40.56	
07 84 16 00-0018	EA		2" x 6" x 9" Intumescent Fire Barrier Pillow (3M FB269).....	43.57	
07 84 16 00-0019	EA		3" x 6" x 9" Intumescent Fire Barrier Pillow (3M FB369).....	47.27	
07 84 16 00-0020			Intumescent Fire Barrier Sheets For Sealing Large Openings (07 84 16)		
			Note: Price includes intumescent sheet, mounting fasteners and caulk for sealing one side of an opening.		
07 84 16 00-0021	EA		16" x 28" Intumescent Firestop Sheet (3M CS-195+16x28).....	363.66	
07 84 16 00-0022	EA		36" x 24" Intumescent Firestop Sheet (3M CS-195+3x2).....	517.51	
07 84 16 00-0023	EA		36" x 36" Intumescent Firestop Sheet (3M CS-195+3x3).....	704.60	
07 84 16 00-0024			Endothermic Mat Wrap Fire Barrier (07 84 16)		
			Note: Price includes endothermic mat wrap and sealant. Excludes cavity fill material; putty or fireproof caulk/sealant. See CSI section 07 84 16 00-0026 for filling openings.		
07 84 16 00-0025	SF		0.408" Thick Aluminum Foil Faced Endothermic Mat (3M Interam E-5A-4).....	52.97	
07 84 16 00-0026			Firestopping Caulk For Filling Opening (07 84 16)		
07 84 16 00-0027	GAL		Latex Based Intumescent Fire Barrier Sealant (3M CP-25WB+).....	149.46	
07 84 16 00-0028			Firestopping Mortar For Filling Opening (07 84 16)		
07 84 16 00-0029	CF		Light-Weight Portland Cement-Based Firestop Mortar (STI SpecSeal SSM Series).....	188.37	
07 84 23			Silicone Firestopping Foams (07 84)		
07 84 23 00-0001			Silicone RTV Foam Seal For Blank Openings (07 84 23)		
			Note: Includes 7" depth of silicone foam barrier and 1" depth backer board		
07 84 23 00-0002	EA		2" Diameter Hole Sealed With Room Temperature Vulcanizing Silicone Fire Barrier Foam.....	43.13	
07 84 23 00-0003	EA		4" Diameter Hole Sealed With Room Temperature Vulcanizing Silicone Fire Barrier Foam.....	96.93	
07 84 23 00-0004	EA		6" Diameter Hole Sealed With Room Temperature Vulcanizing Silicone Fire Barrier Foam.....	176.04	
07 84 23 00-0005	EA		8" Diameter Hole Sealed With Room Temperature Vulcanizing Silicone Fire Barrier Foam.....	266.67	
07 84 23 00-0006	EA		10" Diameter Hole Sealed With Room Temperature Vulcanizing Silicone Fire Barrier Foam.....	382.45	
07 84 23 00-0007	EA		12" Diameter Hole Sealed With Room Temperature Vulcanizing Silicone Fire Barrier Foam.....	520.71	
07 84 23 00-0008	EA		16" Diameter Hole Sealed With Room Temperature Vulcanizing Silicone Fire Barrier Foam.....	1,069.42	
07 84 23 00-0009	EA		20" Diameter Hole Sealed With Room Temperature Vulcanizing Silicone Fire Barrier Foam.....	1,605.11	
07 84 23 00-0010	EA		24" Diameter Hole Sealed With Room Temperature Vulcanizing Silicone Fire Barrier Foam.....	2,256.97	
07 84 43			Joint Firestopping (07 84)		
07 84 43 00-0001			Intumescent Firestopping Sealant For Joints (3M CP 25WB+) (07 84 43)		
07 84 43 00-0002	CLF		1/4" x 1/4" Joint, Intumescent Firestop Sealant (3M CP 25WB+).....	396.39	97.61
			For Up To 6 CLF, Add	22.41	
			For >30 CLF, Deduct	-25.00	
07 84 43 00-0003	CLF		1/4" x 3/8" Joint, Intumescent Firestop Sealant (3M CP 25WB+).....	448.21	97.61
			For Up To 4 CLF, Add	26.30	
			For >20 CLF, Deduct	-30.18	
07 84 43 00-0004	CLF		1/4" x 1/2" Joint, Intumescent Firestop Sealant (3M CP 25WB+).....	510.83	100.86
			For Up To 3 CLF, Add	30.72	
			For >15 CLF, Deduct	-35.90	
07 84 43 00-0005	CLF		3/8" x 3/8" Joint, Intumescent Firestop Sealant (3M CP 25WB+).....	536.73	100.86
			For Up To 2.5 CLF, Add	32.66	
			For >13 CLF, Deduct	-38.49	
07 84 43 00-0006	CLF		3/8" x 1/2" Joint, Intumescent Firestop Sealant (3M CP 25WB+).....	614.42	100.86
			For Up To 2 CLF, Add	38.49	
			For >10 CLF, Deduct	-46.26	
07 84 43 00-0007	CLF		3/8" x 5/8" Joint, Intumescent Firestop Sealant (3M CP 25WB+).....	692.10	100.86
			For Up To 1.5 CLF, Add	44.32	
			For >8 CLF, Deduct	-54.03	

07 Thermal And Moisture Protection**07 80 Fire and Smoke Protection****07 84 Firestopping**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 84 43 00-0008	CLF	3/8" x 3/4" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	780.64	105.20
		For Up To 1.3 CLF, Add	50.69	
		For >7 CLF, Deduct	-62.34	
07 84 43 00-0009	CLF	1/2" x 1/2" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	728.85	105.20
		For Up To 1.4 CLF, Add	46.80	
		For >7.5 CLF, Deduct	-57.16	
07 84 43 00-0010	CLF	1/2" x 5/8" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	843.28	108.45
		For Up To 1.15 CLF, Add	55.11	
		For >6 CLF, Deduct	-68.06	
07 84 43 00-0011	CLF	1/2" x 3/4" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	946.86	108.45
		For Up To 1 CLF, Add	62.88	
		For >5 CLF, Deduct	-78.42	
07 84 43 00-0012	CLF	1/2" x 7/8" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	1,061.29	111.71
		For Up To 0.8 CLF, Add	71.19	
		For >4.5 CLF, Deduct	-89.32	
07 84 43 00-0013	CLF	1/2" x 1" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	1,175.72	116.05
		For Up To 0.75 CLF, Add	79.50	
		For >4 CLF, Deduct	-100.22	
07 84 43 00-0014	CLF	3/4" x 3/4" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	1,290.14	119.30
		For Up To 0.65 CLF, Add	87.81	
		For >3.5 CLF, Deduct	-111.12	
07 84 43 00-0015	CLF	3/4" x 1" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	1,633.42	130.15
		For Up To 0.5 CLF, Add	112.75	
		For >2.5 CLF, Deduct	-143.82	
		For Silicone Sealant (Bio Fireshield BFS 100 or 200), add	186.45	
07 84 43 00-0016	CLF	1" x 1" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	2,091.13	144.25
		For Up To 0.4 CLF, Add	145.99	
		For >2 CLF, Deduct	-187.42	
07 84 43 00-0017		Latex-Based, Intumescent Firestop Sealant For Joints (STI SSS Series) ^(07 84 43)		
07 84 43 00-0018	CLF	1/4" x 1/4" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	410.81	97.61
		For Up To 6 CLF, Add	23.49	
		For >30 CLF, Deduct	-26.44	
07 84 43 00-0019	CLF	1/4" x 3/8" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	469.81	97.61
		For Up To 4 CLF, Add	27.92	
		For >20 CLF, Deduct	-32.34	
07 84 43 00-0020	CLF	1/4" x 1/2" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	539.64	100.86
		For Up To 3 CLF, Add	32.88	
		For >15 CLF, Deduct	-38.78	
07 84 43 00-0021	CLF	3/8" x 3/8" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	569.13	100.86
		For Up To 2.5 CLF, Add	35.09	
		For >13 CLF, Deduct	-41.73	
07 84 43 00-0022	CLF	3/8" x 1/2" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	657.62	100.86
		For Up To 2 CLF, Add	41.73	
		For >10 CLF, Deduct	-50.58	
07 84 43 00-0023	CLF	3/8" x 5/8" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	746.11	100.86
		For Up To 1.5 CLF, Add	48.37	
		For >8 CLF, Deduct	-59.43	
07 84 43 00-0024	CLF	3/8" x 3/4" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	845.45	105.20
		For Up To 1.3 CLF, Add	55.55	
		For >7 CLF, Deduct	-68.82	
07 84 43 00-0025	CLF	1/2" x 1/2" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	786.46	105.20
		For Up To 1.4 CLF, Add	51.12	
		For >7.5 CLF, Deduct	-62.92	
07 84 43 00-0026	CLF	1/2" x 5/8" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	915.29	108.45
		For Up To 1.15 CLF, Add	60.51	
		For >6 CLF, Deduct	-75.26	
07 84 43 00-0027	CLF	1/2" x 3/4" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	1,033.27	108.45
		For Up To 1 CLF, Add	69.36	
		For >5 CLF, Deduct	-87.06	
07 84 43 00-0028	CLF	1/2" x 7/8" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	1,162.10	111.71
		For Up To 0.8 CLF, Add	78.75	
		For >4.5 CLF, Deduct	-99.40	
07 84 43 00-0029	CLF	1/2" x 1" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	1,290.93	116.05
		For Up To 0.75 CLF, Add	88.14	
		For >4 CLF, Deduct	-111.74	
07 84 43 00-0030	CLF	3/4" x 3/4" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	1,419.75	119.30
		For Up To 0.65 CLF, Add	97.53	
		For >3.5 CLF, Deduct	-124.08	
07 84 43 00-0031	CLF	3/4" x 1" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	1,806.25	130.15
		For Up To 0.5 CLF, Add	125.71	
		For >2.5 CLF, Deduct	-161.10	
07 84 43 00-0032	CLF	1" x 1" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	2,321.56	144.25
		For Up To 0.4 CLF, Add	163.27	
		For >2 CLF, Deduct	-210.47	
07 84 43 00-0033		Passive Smoke And Fire Protection Sealant For Joints (STI ES Series) ^(07 84 43)		
07 84 43 00-0034	CLF	1/4" x 1/4" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	353.86	97.61
		For Up To 6 CLF, Add	19.22	
		For >30 CLF, Deduct	-20.74	



Thermal And Moisture Protection		07
Fire and Smoke Protection		07 80
Firestopping		07 84

07

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 84 43 00-0035	CLF	1/4" x 3/8" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	.....	384.37	97.61
		For Up To 4 CLF, Add	.....	21.51	
		For >20 CLF, Deduct	.....	-23.80	
07 84 43 00-0036	CLF	1/4" x 1/2" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	.....	425.72	100.86
		For Up To 3 CLF, Add	.....	24.34	
		For >15 CLF, Deduct	.....	-27.39	
07 84 43 00-0037	CLF	3/8" x 3/8" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	.....	440.98	100.86
		For Up To 2.5 CLF, Add	.....	25.48	
		For >13 CLF, Deduct	.....	-28.91	
07 84 43 00-0038	CLF	3/8" x 1/2" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	.....	486.75	100.86
		For Up To 2 CLF, Add	.....	28.91	
		For >10 CLF, Deduct	.....	-33.49	
07 84 43 00-0039	CLF	3/8" x 5/8" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	.....	532.52	100.86
		For Up To 1.5 CLF, Add	.....	32.35	
		For >8 CLF, Deduct	.....	-38.07	
07 84 43 00-0040	CLF	3/8" x 3/4" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	.....	589.14	105.20
		For Up To 1.3 CLF, Add	.....	36.32	
		For >7 CLF, Deduct	.....	-43.19	
07 84 43 00-0041	CLF	1/2" x 1/2" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	.....	558.62	105.20
		For Up To 1.4 CLF, Add	.....	34.03	
		For >7.5 CLF, Deduct	.....	-40.14	
07 84 43 00-0042	CLF	1/2" x 5/8" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	.....	630.50	108.45
		For Up To 1.15 CLF, Add	.....	39.15	
		For >6 CLF, Deduct	.....	-46.78	
07 84 43 00-0043	CLF	1/2" x 3/4" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	.....	691.53	108.45
		For Up To 1 CLF, Add	.....	43.73	
		For >5 CLF, Deduct	.....	-52.88	
07 84 43 00-0044	CLF	1/2" x 7/8" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	.....	763.39	111.71
		For Up To 0.8 CLF, Add	.....	48.85	
		For >4.5 CLF, Deduct	.....	-59.53	
07 84 43 00-0045	CLF	1/2" x 1" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	.....	835.27	116.05
		For Up To 0.75 CLF, Add	.....	53.97	
		For >4 CLF, Deduct	.....	-66.17	
07 84 43 00-0046	CLF	3/4" x 3/4" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	.....	907.13	119.30
		For Up To 0.65 CLF, Add	.....	59.09	
		For >3.5 CLF, Deduct	.....	-72.82	
07 84 43 00-0047	CLF	3/4" x 1" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	.....	1,122.75	130.15
		For Up To 0.5 CLF, Add	.....	74.45	
		For >2.5 CLF, Deduct	.....	-92.75	
07 84 43 00-0048	CLF	1" x 1" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	.....	1,410.24	144.25
		For Up To 0.4 CLF, Add	.....	94.92	
		For >2 CLF, Deduct	.....	-119.33	
07 84 43 00-0049	Elastomeric Spray Firestopping For Joints And Penetrations (07 84 43)				
07 84 43 00-0050	LF	1" Joint Width, 1/8" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200)	.....	0.86	
07 84 43 00-0051	LF	2" Joint Width, 1/8" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200)	.....	1.72	
07 84 43 00-0052	LF	3" Joint Width, 1/8" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200)	.....	2.48	
07 84 43 00-0053	LF	4" Joint Width, 1/8" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200)	.....	3.37	
07 84 43 00-0054	LF	5" Joint Width, 1/8" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200)	.....	4.17	
07 84 43 00-0055	LF	6" Joint Width, 1/8" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200)	.....	5.10	
07 84 43 00-0056	LF	1" Joint Width, 1/4" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200)	.....	1.73	
07 84 43 00-0057	LF	2" Joint Width, 1/4" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200)	.....	3.45	
07 84 43 00-0058	LF	3" Joint Width, 1/4" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200)	.....	4.97	
07 84 43 00-0059	LF	4" Joint Width, 1/4" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200)	.....	6.74	
07 84 43 00-0060	LF	5" Joint Width, 1/4" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200)	.....	8.35	
07 84 43 00-0061	LF	6" Joint Width, 1/4" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200)	.....	10.19	
07 84 43 00-0062	LF	1" Joint Width, 1/2" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200)	.....	3.46	

07 Thermal And Moisture Protection**07 80 Fire and Smoke Protection****07 84 Firestopping**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 84 43 00-0063	LF		2" Joint Width, 1/2" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200).....	6.90	
07 84 43 00-0064	LF		3" Joint Width, 1/2" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200).....	9.95	
07 84 43 00-0065	LF		4" Joint Width, 1/2" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200).....	13.48	
07 84 43 00-0066	LF		5" Joint Width, 1/2" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200).....	16.69	
07 84 43 00-0067	LF		6" Joint Width, 1/2" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200).....	20.38	
07 84 43 00-0068	LF		1" Joint Width, 1" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200).....	13.80	
07 84 43 00-0069	LF		2" Joint Width, 1" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200).....	19.90	
07 84 43 00-0070	LF		3" Joint Width, 1" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200).....	26.98	
07 84 43 00-0071	LF		4" Joint Width, 1" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200).....	33.39	
07 84 43 00-0072	LF		5" Joint Width, 1" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200).....	40.77	
07 84 43 00-0073	LF		6" Joint Width, 1" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200).....		
07 84 43 00-0074 Intumescent Firestopping Sealant For Joints (07 84 43)					
07 84 43 00-0075	CLF	1/4" x 1/4" Joint, Intumescent Firestop Sealant (STI SpecSeal SSS Series).....	378.81	97.61	
		For Up To 6 CLF, Add	21.09		
		For >30 CLF, Deduct	-23.24		
07 84 43 00-0076	CLF	1/4" x 3/8" Joint, Intumescent Firestop Sealant (STI SpecSeal SSS Series).....	421.80	97.61	
		For Up To 4 CLF, Add	24.31		
		For >20 CLF, Deduct	-27.54		
07 84 43 00-0077	CLF	1/4" x 1/2" Joint, Intumescent Firestop Sealant (STI SpecSeal SSS Series).....	475.63	100.86	
		For Up To 3 CLF, Add	28.08		
		For >15 CLF, Deduct	-32.38		
07 84 43 00-0078	CLF	3/8" x 3/8" Joint, Intumescent Firestop Sealant (STI SpecSeal SSS Series).....	497.13	100.86	
		For Up To 2.5 CLF, Add	29.69		
		For >13 CLF, Deduct	-34.53		
07 84 43 00-0079	CLF	3/8" x 1/2" Joint, Intumescent Firestop Sealant (STI SpecSeal SSS Series).....	561.61	100.86	
		For Up To 2 CLF, Add	34.53		
		For >10 CLF, Deduct	-40.98		
07 84 43 00-0080	CLF	3/8" x 5/8" Joint, Intumescent Firestop Sealant (STI SpecSeal SSS Series).....	626.10	100.86	
		For Up To 1.5 CLF, Add	39.37		
		For >8 CLF, Deduct	-47.43		
07 84 43 00-0081	CLF	3/8" x 3/4" Joint, Intumescent Firestop Sealant (STI SpecSeal SSS Series).....	701.44	105.20	
		For Up To 1.3 CLF, Add	44.75		
		For >7 CLF, Deduct	-54.42		
07 84 43 00-0082	CLF	1/2" x 1/2" Joint, Intumescent Firestop Sealant (STI SpecSeal SSS Series).....	658.45	105.20	
		For Up To 1.4 CLF, Add	41.52		
		For >7.5 CLF, Deduct	-50.12		
07 84 43 00-0083	CLF	1/2" x 5/8" Joint, Intumescent Firestop Sealant (STI SpecSeal SSS Series).....	755.28	108.45	
		For Up To 1.15 CLF, Add	48.51		
		For >6 CLF, Deduct	-59.26		
07 84 43 00-0084	CLF	1/2" x 3/4" Joint, Intumescent Firestop Sealant (STI SpecSeal SSS Series).....	841.26	108.45	
		For Up To 1 CLF, Add	54.96		
		For >5 CLF, Deduct	-67.86		
07 84 43 00-0085	CLF	1/2" x 7/8" Joint, Intumescent Firestop Sealant (STI SpecSeal SSS Series).....	938.08	111.71	
		For Up To 0.8 CLF, Add	61.95		
		For >4.5 CLF, Deduct	-77.00		
07 84 43 00-0086	CLF	1/2" x 1" Joint, Intumescent Firestop Sealant (STI SpecSeal SSS Series).....	1,034.91	116.05	
		For Up To 0.75 CLF, Add	68.94		
		For >4 CLF, Deduct	-86.14		
07 84 43 00-0087	CLF	3/4" x 3/4" Joint, Intumescent Firestop Sealant (STI SpecSeal SSS Series).....	1,131.73	119.30	
		For Up To 0.65 CLF, Add	75.93		
		For >3.5 CLF, Deduct	-95.28		
07 84 43 00-0088	CLF	3/4" x 1" Joint, Intumescent Firestop Sealant (STI SpecSeal SSS Series).....	1,422.22	130.15	
		For Up To 0.5 CLF, Add	96.91		
		For >2.5 CLF, Deduct	-122.70		
07 84 43 00-0089	CLF	1" x 1" Joint, Intumescent Firestop Sealant (STI SpecSeal SSS Series).....	1,809.52	144.25	
		For Up To 0.4 CLF, Add	124.87		
		For >2 CLF, Deduct	-159.26		
07 84 56 Fire Safing (07 84)					
07 84 56 13 Fibrous Fire Safing (07 84 56)					
07 84 56 13-0001 Thermal Barrier Wrap (07 84 56 13)					
		Note: Includes cutting wrap to fit pipe or conduit and sealing edges.			
07 84 56 13-0002	SF	1/2" Thick Fire Barrier Plenum Wrap (3M Plenum Wrap 5A).....	11.02		
		For Work In Restricted Working Space, Add	1.34		
07 84 56 13-0003	SF	1-1/2" Thick Fire Barrier Duct Wrap (3M Duct Wrap 15A).....	18.07		
		Note: Includes cutting wrap to fit pipe or conduit and sealing edges.			
		For Work In Restricted Working Space, Add	1.34		
07 84 56 13-0004	SF	2" Thick Fire Barrier Duct Wrap (3M Duct Wrap 20A).....	19.77		
		Note: Includes cutting wrap to fit pipe or conduit and sealing edges.			
		For Work In Restricted Working Space, Add	1.34		
07 84 56 13-0005 FireMaster Blanket Wrap Fireproofing (07 84 56 13)					



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 84 56 13-0006	SF	1/2"	Thermal Ceramics FireMaster Blanket Wrap..... For Work In Restricted Working Space, Add For >500 To 5,000, Deduct For >5,000, Deduct	18.94 -4.32 -1.77 -3.12	10.74
07 84 56 13-0007	SF	1"	Thermal Ceramics FireMaster Blanket Wrap..... For Work In Restricted Working Space, Add For >500 To 5,000, Deduct For >5,000, Deduct	22.70 -4.32 -2.63 -4.57	10.74
07 84 56 13-0008	SF	1-1/2"	Thermal Ceramics FireMaster Blanket Wrap..... For Work In Restricted Working Space, Add For >500 To 5,000, Deduct For >5,000, Deduct	26.83 -4.32 -3.58 -6.04	10.74
07 84 56 13-0009	SF	2"	Thermal Ceramics FireMaster Blanket Wrap..... For Work In Restricted Working Space, Add For >500 To 5,000, Deduct For >5,000, Deduct	30.96 -4.32 -4.53 -7.57	10.74
07 84 56 13-0010			Fire Safing (SAFE), Mineral Wool Insulation (07 84 56 13)		
07 84 56 13-0011	SF	4"	Thick, Fire Safing (SAFE), Mineral Wool Insulation (Rockwool Roxul)..... For Work In Restricted Working Space, Add	3.73 0.35	0.43

07 90 Joint Protection (07)

07 91 Preformed Joint Seals (07 90)

07 91 23 Backer Rods (07 91)

07 91 23 00-0001 Backer Rods (07 91 23)

07 91 23 00-0002	LF	1/4"	Polyethylene Or Polyurethane Backer Rod.....	2.09	0.57
07 91 23 00-0003	LF	3/8"	Polyethylene Or Polyurethane Backer Rod.....	2.25	0.57
07 91 23 00-0004	LF	1/2"	Polyethylene Or Polyurethane Backer Rod.....	2.51	0.57
07 91 23 00-0005	LF	5/8"	Polyethylene Or Polyurethane Backer Rod.....	2.93	0.57
07 91 23 00-0006	LF	3/4"	Polyethylene Or Polyurethane Backer Rod.....	3.06	0.69
07 91 23 00-0007	LF	7/8"	Polyethylene Or Polyurethane Backer Rod.....	3.41	0.69
07 91 23 00-0008	LF	1"	Polyethylene Or Polyurethane Backer Rod.....	4.33	0.69
07 91 23 00-0009	LF	1-1/4"	Polyethylene Or Polyurethane Backer Rod.....	5.21	0.80
07 91 23 00-0010	LF	1-1/2"	Polyethylene Or Polyurethane Backer Rod.....	6.20	0.91
07 91 23 00-0011	LF	2"	Polyethylene Or Polyurethane Backer Rod.....	8.51	1.03
07 91 23 00-0012	LF	3"	Polyethylene Or Polyurethane Backer Rod.....	17.62	1.27

07 91 26 Joint Fillers (07 91)

07 91 26 00-0001 Butyl Rubber Fillers (07 91 26)

07 91 26 00-0002	LF	1/4" x 1/4"	Butyl Rubber Filler..... For Custom Match Coloring, Add	2.64 0.05	0.69
07 91 26 00-0003	LF	1/2" x 1/2"	Butyl Rubber Filler..... For Custom Match Coloring, Add	7.97 0.19	1.95
07 91 26 00-0004	LF	1/2" x 3/4"	Butyl Rubber Filler..... For Custom Match Coloring, Add	9.68 0.30	2.07
07 91 26 00-0005	LF	3/4" x 3/4"	Butyl Rubber Filler.....	10.57	2.18
07 91 26 00-0006	LF	1" x 1"	Butyl Rubber Filler.....	14.24	4.02

07 91 26 00-0007 Closed Cell Neoprene (07 91 26)

07 91 26 00-0008	CLF	1/8" x 3"	Neoprene Gasket Closed Cell, Adhesive.....	456.32	132.31
07 91 26 00-0009	CLF	1/8" x 6"	Neoprene Gasket Closed Cell, Adhesive.....	729.05	191.13
07 91 26 00-0010	CLF	1/4" x 3"	Neoprene Gasket Closed Cell, Adhesive.....	584.15	163.84
07 91 26 00-0011	CLF	1/4" x 6"	Neoprene Gasket Closed Cell, Adhesive.....	670.48	171.98
07 91 26 00-0012	CLF	1/2" x 6"	Neoprene Gasket Closed Cell, Adhesive.....	1,023.34	264.62
07 91 26 00-0013	CLF	1/2" x 9"	Neoprene Gasket Closed Cell, Adhesive.....	1,168.61	286.63
07 91 26 00-0014	CLF	1/2" x 12"	Neoprene Gasket Closed Cell, Adhesive.....	1,049.57	208.44

07 91 26 00-0015 Closed Cell Polyvinyl Chloride (07 91 26)

07 91 26 00-0016	CLF	1/8" x 3"	Polyethylene Joint Backing, Closed Cell.....	465.74	163.84
07 91 26 00-0017	CLF	1/8" x 6"	Polyethylene Joint Backing, Closed Cell.....	785.58	264.62
07 91 26 00-0018	CLF	1/4" x 3"	Polyethylene Joint Backing, Closed Cell.....	608.22	225.87
07 91 26 00-0019	CLF	1/4" x 6"	Polyethylene Joint Backing, Closed Cell.....	730.14	238.48
07 91 26 00-0020	CLF	1/2" x 6"	Polyethylene Joint Backing, Closed Cell.....	1,111.80	365.75
07 91 26 00-0021	CLF	1/2" x 9"	Polyethylene Joint Backing, Closed Cell.....	1,299.46	396.93
07 91 26 00-0022	CLF	1/2" x 12"	Polyethylene Joint Backing, Closed Cell.....	1,717.60	475.81

07 91 26 00-0023 Silicon RTV Foam Penetration Seal (07 91 26)

07 91 26 00-0024	CLF	1/4" x 1/2"	Silicon RTV Foam Seal.....	158.62	26.26
07 91 26 00-0025	CLF	1/2" x 1/2"	Silicon RTV Foam Seal.....	317.24	52.39
07 91 26 00-0026	CLF	1/2" x 3/4"	Silicon RTV Foam Seal.....	472.91	77.85
07 91 26 00-0027	CLF	3/4" x 3/4"	Silicon RTV Foam Seal.....	670.15	104.91

07 Thermal And Moisture Protection**07 90 Joint Protection****07 91 Preformed Joint Seals**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 91 26 00-0028	CLF	1/8" x 1" Silicon RTV Foam Seal.....	158.62	26.26
07 91 26 00-0029	CLF	1/8" x 3" Silicon RTV Foam Seal.....	472.44	77.62
07 91 26 00-0030	CLF	1/4" x 3" Silicon RTV Foam Seal.....	815.83	116.60
07 91 26 00-0031	CLF	1/4" x 6" Silicon RTV Foam Seal.....	1,629.62	232.40
07 91 26 00-0032	CLF	1/2" x 6" Silicon RTV Foam Seal.....	3,101.31	419.52
07 91 26 00-0033	CLF	1/2" x 9" Silicon RTV Foam Seal.....	4,736.28	655.35
07 91 26 00-0034	CLF	1/2" x 12" Silicon RTV Foam Seal.....	6,915.23	1,048.62
07 91 26 00-0035 Seals O-Ring Type Cord "J-Seal" (07 91 26)				
07 91 26 00-0036	LF	1/4" Seals O-Ring Cord, J-Seal.....	4.89	1.49
07 91 26 00-0037	LF	1/2" Seals O-Ring Cord, J-Seal.....	5.18	1.49
07 91 26 00-0038	LF	3/4" Seals O-Ring Cord, J-Seal.....	5.45	1.61
07 91 26 00-0039	LF	1" Seals O-Ring Cord, J-Seal.....	5.74	1.72
07 91 26 00-0040	LF	1-1/4" Seals O-Ring Cord, J-Seal.....	6.15	1.84
07 91 26 00-0041	LF	1-1/2" Seals O-Ring Cord, J-Seal.....	6.44	1.84
07 91 26 00-0042	LF	1-3/4" Seals O-Ring Cord, J-Seal.....	6.81	1.95
07 91 26 00-0043	LF	2" Seals O-Ring Cord, J-Seal.....	7.03	1.95
07 91 33 Expansion Joint Seal Systems (07 91)				
07 91 33 00-0001		Expansion Joint Seal Systems (Wabo®) (07 91 33)		
07 91 33 00-0002		Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal Systems (Wabo® HSeal) (07 91 33 00-0001)		
Note: Includes a pre-compressed seal, epoxy adhesive and traffic grade elastomeric top coating.				
07 91 33 00-0003	LF	1/2" Minimum, 1-1/2" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 25EH).....	92.03	6.88
07 91 33 00-0004	LF	3/4" Minimum, 2-1/4" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 40EH).....	124.44	7.22
07 91 33 00-0005	LF	1" Minimum, 3" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 50EH).....	158.64	7.54
07 91 33 00-0006	LF	1-1/4" Minimum, 3-3/4" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 65EH).....	196.71	7.87
07 91 33 00-0007	LF	1-1/2" Minimum, 4-1/2" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 75EH).....	256.55	8.19
07 91 33 00-0008	LF	1-3/4" Minimum, 5-1/4" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 90EH).....	295.27	8.53
07 91 33 00-0009	LF	2" Minimum, 6" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 100EH).....	343.36	8.86
07 91 33 00-0010 Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal Systems (Wabo® CompressionSeal) (07 91 33 00-0001)				
Note: Includes preformed neoprene joint seal and lubricant adhesive.				
07 91 33 00-0011	LF	0.625" Minimum, 1.381" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-162).....	44.79	6.88
07 91 33 00-0012	LF	0.688" Minimum, 1.488" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-175).....	49.25	6.98
07 91 33 00-0013	LF	0.875" Minimum, 1.700" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-200).....	60.45	7.09
07 91 33 00-0014	LF	0.953" Minimum, 1.913" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-225).....	64.37	7.22
07 91 33 00-0015	LF	1.000" Minimum, 2.125" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-250).....	69.05	7.31
07 91 33 00-0016	LF	1.125" Minimum, 2.550" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-300).....	85.70	7.41
07 91 33 00-0017	LF	1.375" Minimum, 2.975" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-350).....	106.80	7.54
07 91 33 00-0018	LF	1.625" Minimum, 3.400" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-400).....	127.03	7.87
07 91 33 00-0019	LF	1.687" Minimum, 4.250" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-500).....	144.31	8.19
07 91 33 00-0020 Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal Systems (Wabo® CompressionSeal) (07 91 33 00-0001)				
Note: Includes preformed Santoprene® joint seal and lubricant adhesive.				
07 91 33 00-0021	LF	0.500" Minimum, 1.500" Maximum Joint Opening, Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-100).....	36.74	6.88
07 91 33 00-0022	LF	0.688" Minimum, 1.938" Maximum Joint Opening, Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-225).....	48.93	7.22
07 91 33 00-0023	LF	1.063" Minimum, 2.125" Maximum Joint Opening, Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-250).....	60.90	7.54
07 91 33 00-0024	LF	1.250" Minimum, 2.563" Maximum Joint Opening, Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-300).....	64.49	7.71
07 91 33 00-0025	LF	1.250" Minimum, 3.375" Maximum Joint Opening, Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-400).....	71.99	7.87
07 91 33 00-0026	LF	1.438" Minimum, 4.250" Maximum Joint Opening, Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-500).....	105.37	8.19



Thermal And Moisture Protection			07
Joint Protection			07 90
Preformed Joint Seals			07 91

07

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 91 33 00-0027	LF		1.813" Minimum, 5.125" Maximum Joint Opening, Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-600).....	146.70	8.53
07 91 33 00-0028			Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal Systems (Wabo® Seismic WeatherSeal) (07 91 33 00-0001) Note: Includes a pre-compressed foam seal and silicone sealant.		
07 91 33 00-0029	LF		1/2" Minimum, 1-1/2" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-100).....	34.62	2.73
07 91 33 00-0030	LF		3/4" Minimum, 2-1/4" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-150).....	58.76	2.85
07 91 33 00-0031	LF		1" Minimum, 3" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-200).....	89.01	2.95
07 91 33 00-0032	LF		1-1/4" Minimum, 3-3/4" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-250).....	112.50	3.06
07 91 33 00-0033	LF		1-1/2" Minimum, 4-1/2" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-300).....	148.39	3.17
07 91 33 00-0034	LF		1-3/4" Minimum, 5-1/4" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-350).....	196.69	3.28
07 91 33 00-0035	LF		2" Minimum, 6" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-400).....	241.50	3.39
07 91 33 00-0036	LF		2-1/2" Minimum, 7-1/2" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-500).....	326.13	3.50
07 91 33 00-0037	LF		3" Minimum, 9" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-600).....	380.95	3.61
07 91 33 00-0038			Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal Systems (Wabo® WeatherSeal II) (07 91 33 00-0001) Note: Includes a pre-compressed foam seal and silicone sealant.		
07 91 33 00-0039	LF		0.75" Minimum, 1.25" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-100).....	33.75	2.73
07 91 33 00-0040	LF		1.13" Minimum, 1.88" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-150).....	44.84	2.85
07 91 33 00-0041	LF		1.50" Minimum, 2.50" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-200).....	60.51	2.95
07 91 33 00-0042	LF		1.88" Minimum, 3.13" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-250).....	82.48	3.06
07 91 33 00-0043	LF		2.25" Minimum, 3.75" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-300).....	94.23	3.17
07 91 33 00-0044	LF		2.63" Minimum, 4.38" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-350).....	131.21	3.28
07 91 33 00-0045	LF		3.00" Minimum, 5.00" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-400).....	176.68	3.39
07 91 33 00-0046	LF		3.75" Minimum, 6.25" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-500).....	190.82	3.50
07 91 33 00-0047			Molded EPDM Rubber Cover, For Pedestrian Foot Traffic And Slow Speed Non-Commercial Vehicular Traffic (Wabo® SafetyFlexI) (07 91 33 00-0001)		
07 91 33 00-0048	LF		2-1/2" Minimum, 12" Maximum Joint Opening, Elastomeric Hinged Cover System for Pedestrian Walkway And Low-speed Vehicular Traffic Areas (Wabo® SafetyFlex SFP-600).....	253.76	8.86
07 91 33 00-0049			Closed Cell Neoprene Expanded Rubber Foam Seal, Preformed Flexible Joint Seal Systems (Wabo® InverSeal) (07 91 33 00-0001) Note: Includes epoxy adhesive.		
07 91 33 00-0050	LF		0.45" Minimum, 1.25" Maximum Joint Opening, Closed Cell Neoprene Expanded Rubber Foam Seal, Preformed Flexible Joint Seal Systems (Wabo® InverSeal IV-100).....	27.85	
07 91 33 00-0051	LF		0.675" Minimum, 1.875" Maximum Joint Opening, Closed Cell Neoprene Expanded Rubber Foam Seal, Preformed Flexible Joint Seal Systems (Wabo® InverSeal IV-150).....	30.50	
07 91 33 00-0052	LF		0.90" Minimum, 2.50" Maximum Joint Opening, Closed Cell Neoprene Expanded Rubber Foam Seal, Preformed Flexible Joint Seal Systems (Wabo® InverSeal IV-200).....	40.23	
07 91 33 00-0053	LF		1.125" Minimum, 3.125" Maximum Joint Opening, Closed Cell Neoprene Expanded Rubber Foam Seal, Preformed Flexible Joint Seal Systems (Wabo® InverSeal IV-250).....	50.04	
07 91 33 00-0054	LF		1.35" Minimum, 3.75" Maximum Joint Opening, Closed Cell Neoprene Expanded Rubber Foam Seal, Preformed Flexible Joint Seal Systems (Wabo® InverSeal IV-300).....	115.30	
07 91 33 00-0055	LF		1.80" Minimum, 5.00" Maximum Joint Opening, Closed Cell Neoprene Expanded Rubber Foam Seal, Preformed Flexible Joint Seal Systems (Wabo® InverSeal IV-400).....	151.83	
07 92			Joint Sealants (07 90)		
07 92 13			Elastomeric Joint Sealants (07 92)		
07 92 13 00-0001			Silicone Sealant And Caulking (07 92 13)		
07 92 13 00-0002	CLF		1/4" x 1/4" Joint, Silicone Sealant And Caulking.....	351.30	97.61
			For Custom Match Coloring, Add	14.03	
			For Up To 6 CLF, Add	19.03	
			For >30 CLF, Deduct	-20.49	
			For 1 Part Mildew Resistant, Add	20.46	
			For High-Modulus Non-Acid Curing, Add	11.69	

07 Thermal And Moisture Protection**07 90 Joint Protection****07 92 Joint Sealants**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 92 13 00-0003	CLF	1/4" x 3/8"	Joint, Silicone Sealant And Caulking	380.53	97.61
			For Custom Match Coloring, Add	21.05	
			For Up To 4 CLF, Add	21.22	
			For >20 CLF, Deduct	-23.41	
			For 1 Part Mildew Resistant, Add	30.70	
			For High-Modulus Non-Acid Curing, Add	17.54	
07 92 13 00-0004	CLF	1/4" x 1/2"	Joint, Silicone Sealant And Caulking	420.61	100.86
			For Custom Match Coloring, Add	28.07	
			For Up To 3 CLF, Add	23.95	
			For >15 CLF, Deduct	-26.88	
			For 1 Part Mildew Resistant, Add	40.93	
			For High-Modulus Non-Acid Curing, Add	23.39	
07 92 13 00-0005	CLF	3/8" x 3/8"	Joint, Silicone Sealant And Caulking	435.22	100.86
			For Custom Match Coloring, Add	31.57	
			For Up To 2.5 CLF, Add	25.05	
			For >13 CLF, Deduct	-28.34	
			For 1 Part Mildew Resistant, Add	46.04	
			For High-Modulus Non-Acid Curing, Add	26.31	
07 92 13 00-0006	CLF	3/8" x 1/2"	Joint, Silicone Sealant And Caulking	479.07	100.86
			For Custom Match Coloring, Add	42.10	
			For Up To 2 CLF, Add	28.34	
			For >10 CLF, Deduct	-32.72	
			For 1 Part Mildew Resistant, Add	61.39	
			For High-Modulus Non-Acid Curing, Add	35.08	
07 92 13 00-0007	CLF	3/8" x 5/8"	Joint, Silicone Sealant And Caulking	522.93	100.86
			For Custom Match Coloring, Add	52.62	
			For Up To 1.5 CLF, Add	31.63	
			For >8 CLF, Deduct	-37.11	
			For 1 Part Mildew Resistant, Add	76.74	
			For High-Modulus Non-Acid Curing, Add	43.85	
07 92 13 00-0008	CLF	3/8" x 3/4"	Joint, Silicone Sealant And Caulking	577.63	105.20
			For Custom Match Coloring, Add	63.15	
			For Up To 1.3 CLF, Add	35.46	
			For >7 CLF, Deduct	-42.04	
			For 1 Part Mildew Resistant, Add	92.09	
			For High-Modulus Non-Acid Curing, Add	52.62	
07 92 13 00-0009	CLF	1/2" x 1/2"	Joint, Silicone Sealant And Caulking	548.39	105.20
			For Custom Match Coloring, Add	56.13	
			For Up To 1.4 CLF, Add	33.27	
			For >7.5 CLF, Deduct	-39.11	
			For 1 Part Mildew Resistant, Add	81.85	
			For High-Modulus Non-Acid Curing, Add	46.77	
07 92 13 00-0010	CLF	1/2" x 5/8"	Joint, Silicone Sealant And Caulking	617.71	108.45
			For Custom Match Coloring, Add	70.16	
			For Up To 1.15 CLF, Add	38.19	
			For >6 CLF, Deduct	-45.50	
			For 1 Part Mildew Resistant, Add	102.32	
			For High-Modulus Non-Acid Curing, Add	58.47	
07 92 13 00-0011	CLF	1/2" x 3/4"	Joint, Silicone Sealant And Caulking	676.18	108.45
			For Custom Match Coloring, Add	84.19	
			For Up To 1 CLF, Add	42.58	
			For >5 CLF, Deduct	-51.35	
			For 1 Part Mildew Resistant, Add	122.78	
			For High-Modulus Non-Acid Curing, Add	70.16	
07 92 13 00-0012	CLF	1/2" x 7/8"	Joint, Silicone Sealant And Caulking	745.49	111.71
			For Custom Match Coloring, Add	98.23	
			For Up To 0.8 CLF, Add	47.51	
			For >4.5 CLF, Deduct	-57.74	
			For 1 Part Mildew Resistant, Add	143.25	
			For High-Modulus Non-Acid Curing, Add	81.86	
07 92 13 00-0013	CLF	1/2" x 1"	Joint, Silicone Sealant And Caulking	814.81	116.05
			For Custom Match Coloring, Add	112.26	
			For Up To 0.75 CLF, Add	52.43	
			For >4 CLF, Deduct	-64.13	
			For 1 Part Mildew Resistant, Add	163.71	
			For High-Modulus Non-Acid Curing, Add	93.55	
07 92 13 00-0014	CLF	3/4" x 3/4"	Joint, Silicone Sealant And Caulking	884.11	119.30
			For Custom Match Coloring, Add	126.29	
			For Up To 0.65 CLF, Add	57.36	
			For >3.5 CLF, Deduct	-70.52	
			For 1 Part Mildew Resistant, Add	184.17	
			For High-Modulus Non-Acid Curing, Add	105.24	
07 92 13 00-0015	CLF	3/4" x 1"	Joint, Silicone Sealant And Caulking	1,092.06	130.15
			For Custom Match Coloring, Add	168.39	
			For Up To 0.5 CLF, Add	72.14	
			For >2.5 CLF, Deduct	-89.68	
			For 1 Part Mildew Resistant, Add	245.57	
			For High-Modulus Non-Acid Curing, Add	140.32	
07 92 13 00-0016	CLF	1" x 1"	Joint, Silicone Sealant And Caulking	1,369.31	144.25
			For Custom Match Coloring, Add	224.52	
			For Up To 0.4 CLF, Add	91.85	
			For >2 CLF, Deduct	-115.24	
			For 1 Part Mildew Resistant, Add	327.42	
			For High-Modulus Non-Acid Curing, Add	187.10	



Thermal And Moisture Protection		07
Joint Protection		07 90
Joint Sealants		07 92

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 92 13 00-0017			Acrylic/Latex Sealant And Caulking (07 92 13)		
07 92 13 00-0018	CLF	1/4" x 1/4" Joint, Acrylic/Latex Sealant And Caulking	313.34	97.61	
		For Up To 6 CLF, Add	16.18		
		For >30 CLF, Deduct	-16.69		
07 92 13 00-0019	CLF	1/4" x 3/8" Joint, Acrylic/Latex Sealant And Caulking	323.60	97.61	
		For Up To 4 CLF, Add	16.95		
		For >20 CLF, Deduct	-17.72		
07 92 13 00-0020	CLF	1/4" x 1/2" Joint, Acrylic/Latex Sealant And Caulking	344.70	100.86	
		For Up To 3 CLF, Add	18.26		
		For >15 CLF, Deduct	-19.29		
07 92 13 00-0021	CLF	3/8" x 3/8" Joint, Acrylic/Latex Sealant And Caulking	349.82	100.86	
		For Up To 2.5 CLF, Add	18.64		
		For >13 CLF, Deduct	-19.80		
07 92 13 00-0022	CLF	3/8" x 1/2" Joint, Acrylic/Latex Sealant And Caulking	365.21	100.86	
		For Up To 2 CLF, Add	19.80		
		For >10 CLF, Deduct	-21.34		
07 92 13 00-0023	CLF	3/8" x 5/8" Joint, Acrylic/Latex Sealant And Caulking	380.59	100.86	
		For Up To 1.5 CLF, Add	20.95		
		For >8 CLF, Deduct	-22.88		
07 92 13 00-0024	CLF	3/8" x 3/4" Joint, Acrylic/Latex Sealant And Caulking	406.83	105.20	
		For Up To 1.3 CLF, Add	22.65		
		For >7 CLF, Deduct	-24.96		
07 92 13 00-0025	CLF	1/2" x 1/2" Joint, Acrylic/Latex Sealant And Caulking	396.57	105.20	
		For Up To 1.4 CLF, Add	21.88		
		For >7.5 CLF, Deduct	-23.93		
07 92 13 00-0026	CLF	1/2" x 5/8" Joint, Acrylic/Latex Sealant And Caulking	427.93	108.45	
		For Up To 1.15 CLF, Add	23.96		
		For >6 CLF, Deduct	-26.52		
07 92 13 00-0027	CLF	1/2" x 3/4" Joint, Acrylic/Latex Sealant And Caulking	448.45	108.45	
		For Up To 1 CLF, Add	25.50		
		For >5 CLF, Deduct	-28.58		
07 92 13 00-0028	CLF	1/2" x 7/8" Joint, Acrylic/Latex Sealant And Caulking	479.80	111.71	
		For Up To 0.8 CLF, Add	27.58		
		For >4.5 CLF, Deduct	-31.17		
07 92 13 00-0029	CLF	1/2" x 1" Joint, Acrylic/Latex Sealant And Caulking	511.16	116.05	
		For Up To 0.75 CLF, Add	29.66		
		For >4 CLF, Deduct	-33.76		
07 92 13 00-0030	CLF	3/4" x 3/4" Joint, Acrylic/Latex Sealant And Caulking	542.51	119.30	
		For Up To 0.65 CLF, Add	31.74		
		For >3.5 CLF, Deduct	-36.36		
07 92 13 00-0031	CLF	3/4" x 1" Joint, Acrylic/Latex Sealant And Caulking	636.59	130.15	
		For Up To 0.5 CLF, Add	37.98		
		For >2.5 CLF, Deduct	-44.14		
07 92 13 00-0032	CLF	1" x 1" Joint, Acrylic/Latex Sealant And Caulking	762.02	144.25	
		For Up To 0.4 CLF, Add	46.31		
		For >2 CLF, Deduct	-54.51		
07 92 13 00-0033		Polyurethane Sealant And Caulking (07 92 13)			
		Note: 1 or 2 part, non-sag.			
07 92 13 00-0034	CLF	1/4" x 1/4" Joint, Polyurethane Sealant And Caulking	337.67	97.61	
		For Up To 6 CLF, Add	18.00		
		For >30 CLF, Deduct	-19.13		
07 92 13 00-0035	CLF	1/4" x 3/8" Joint, Polyurethane Sealant And Caulking	360.10	97.61	
		For Up To 4 CLF, Add	19.69		
		For >20 CLF, Deduct	-21.37		
07 92 13 00-0036	CLF	1/4" x 1/2" Joint, Polyurethane Sealant And Caulking	393.36	100.86	
		For Up To 3 CLF, Add	21.91		
		For >15 CLF, Deduct	-24.15		
07 92 13 00-0037	CLF	3/8" x 3/8" Joint, Polyurethane Sealant And Caulking	404.57	100.86	
		For Up To 2.5 CLF, Add	22.75		
		For >13 CLF, Deduct	-25.27		
07 92 13 00-0038	CLF	3/8" x 1/2" Joint, Polyurethane Sealant And Caulking	438.20	100.86	
		For Up To 2 CLF, Add	25.27		
		For >10 CLF, Deduct	-28.64		
07 92 13 00-0039	CLF	3/8" x 5/8" Joint, Polyurethane Sealant And Caulking	471.83	100.86	
		For Up To 1.5 CLF, Add	27.80		
		For >8 CLF, Deduct	-32.00		
07 92 13 00-0040	CLF	3/8" x 3/4" Joint, Polyurethane Sealant And Caulking	516.31	105.20	
		For Up To 1.3 CLF, Add	30.86		
		For >7 CLF, Deduct	-35.91		
07 92 13 00-0041	CLF	1/2" x 1/2" Joint, Polyurethane Sealant And Caulking	493.89	105.20	
		For Up To 1.4 CLF, Add	29.18		
		For >7.5 CLF, Deduct	-33.66		
07 92 13 00-0042	CLF	1/2" x 5/8" Joint, Polyurethane Sealant And Caulking	549.59	108.45	
		For Up To 1.15 CLF, Add	33.09		
		For >6 CLF, Deduct	-38.69		
07 92 13 00-0043	CLF	1/2" x 3/4" Joint, Polyurethane Sealant And Caulking	594.43	108.45	
		For Up To 1 CLF, Add	36.45		
		For >5 CLF, Deduct	-43.17		
07 92 13 00-0044	CLF	1/2" x 7/8" Joint, Polyurethane Sealant And Caulking	650.11	111.71	
		For Up To 0.8 CLF, Add	40.35		
		For >4.5 CLF, Deduct	-48.20		

07 Thermal And Moisture Protection**07 90 Joint Protection****07 92 Joint Sealants**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 92 13 00-0045	CLF	1/2" x 1" Joint, Polyurethane Sealant And Caulking..... For Up To 0.75 CLF, Add For >4 CLF, Deduct	705.81 44.26 -53.23	116.05
07 92 13 00-0046	CLF	3/4" x 3/4" Joint, Polyurethane Sealant And Caulking..... For Up To 0.65 CLF, Add For >3.5 CLF, Deduct	761.49 48.16 -58.25	119.30
07 92 13 00-0047	CLF	3/4" x 1" Joint, Polyurethane Sealant And Caulking..... For Up To 0.5 CLF, Add For >2.5 CLF, Deduct	928.56 59.88 -73.33	130.15
07 92 13 00-0048 Flexible Polysulfide Sealant And Caulking, Clear (07 92 13)				
Note: 1 or 2 part, non-sag.				
07 92 13 00-0049	CLF	1/4" x 1/4" Joint, Polysulfide Sealant And Caulking For Up To 6 CLF, Add For >30 CLF, Deduct	341.93 18.32 -19.55	97.61
07 92 13 00-0050	CLF	1/4" x 3/8" Joint, Polysulfide Sealant And Caulking For Up To 4 CLF, Add For >20 CLF, Deduct	366.50 20.17 -22.01	97.61
07 92 13 00-0051	CLF	1/4" x 1/2" Joint, Polysulfide Sealant And Caulking For Up To 3 CLF, Add For >15 CLF, Deduct	401.89 22.55 -25.01	100.86
07 92 13 00-0052	CLF	3/8" x 3/8" Joint, Polysulfide Sealant And Caulking For Up To 2.5 CLF, Add For >13 CLF, Deduct	414.16 23.47 -26.23	100.86
07 92 13 00-0053	CLF	3/8" x 1/2" Joint, Polysulfide Sealant And Caulking For Up To 2 CLF, Add For >10 CLF, Deduct	451.01 26.23 -29.92	100.86
07 92 13 00-0054	CLF	3/8" x 5/8" Joint, Polysulfide Sealant And Caulking For Up To 1.5 CLF, Add For >8 CLF, Deduct	487.83 29.00 -33.60	100.86
07 92 13 00-0055	CLF	3/8" x 3/4" Joint, Polysulfide Sealant And Caulking For Up To 1.3 CLF, Add For >7 CLF, Deduct	535.51 32.30 -37.83	105.20
07 92 13 00-0056	CLF	1/2" x 1/2" Joint, Polysulfide Sealant And Caulking For Up To 1.4 CLF, Add For >7.5 CLF, Deduct	510.96 30.46 -35.37	105.20
07 92 13 00-0057	CLF	1/2" x 5/8" Joint, Polysulfide Sealant And Caulking For Up To 1.15 CLF, Add For >6 CLF, Deduct	570.93 34.69 -40.82	108.45
07 92 13 00-0058	CLF	1/2" x 3/4" Joint, Polysulfide Sealant And Caulking For Up To 1 CLF, Add For >5 CLF, Deduct	620.03 38.37 -45.73	108.45
07 92 13 00-0059	CLF	1/2" x 7/8" Joint, Polysulfide Sealant And Caulking For Up To 0.8 CLF, Add For >4.5 CLF, Deduct	679.99 42.59 -51.19	111.71
07 92 13 00-0060	CLF	1/2" x 1" Joint, Polysulfide Sealant And Caulking For Up To 0.75 CLF, Add For >4 CLF, Deduct	739.94 46.82 -56.64	116.05
07 92 13 00-0061	CLF	3/4" x 3/4" Joint, Polysulfide Sealant And Caulking For Up To 0.65 CLF, Add For >3.5 CLF, Deduct	799.90 51.05 -62.10	119.30
07 92 13 00-0062	CLF	3/4" x 1" Joint, Polysulfide Sealant And Caulking For Up To 0.5 CLF, Add For >2.5 CLF, Deduct	979.75 63.72 -78.45	130.15
07 92 13 00-0063 Flexible Polyurethane Security Sealant And Caulking (07 92 13)				
Note: 1 or 2 part, non-sag.				
07 92 13 00-0064	CLF	1/4" x 1/4" Joint, Flexible Polyurethane Security Sealant And Caulking For Up To 6 CLF, Add For >30 CLF, Deduct	352.35 19.11 -20.59	97.61
07 92 13 00-0065	CLF	1/4" x 3/8" Joint, Flexible Polyurethane Security Sealant And Caulking For Up To 4 CLF, Add For >20 CLF, Deduct	382.11 21.34 -23.57	97.61
07 92 13 00-0066	CLF	1/4" x 1/2" Joint, Flexible Polyurethane Security Sealant And Caulking For Up To 3 CLF, Add For >15 CLF, Deduct	422.70 24.11 -27.09	100.86
07 92 13 00-0067	CLF	3/8" x 3/8" Joint, Flexible Polyurethane Security Sealant And Caulking For Up To 2.5 CLF, Add For >13 CLF, Deduct	437.58 25.23 -28.57	100.86
07 92 13 00-0068	CLF	3/8" x 1/2" Joint, Flexible Polyurethane Security Sealant And Caulking For Up To 2 CLF, Add For >10 CLF, Deduct	482.22 28.57 -33.04	100.86
07 92 13 00-0069	CLF	3/8" x 5/8" Joint, Flexible Polyurethane Security Sealant And Caulking For Up To 1.5 CLF, Add For >8 CLF, Deduct	526.86 31.92 -37.50	100.86
07 92 13 00-0070	CLF	3/8" x 3/4" Joint, Flexible Polyurethane Security Sealant And Caulking For Up To 1.3 CLF, Add For >7 CLF, Deduct	582.34 35.81 -42.51	105.20
07 92 13 00-0071	CLF	1/2" x 1/2" Joint, Flexible Polyurethane Security Sealant And Caulking For Up To 1.4 CLF, Add For >7.5 CLF, Deduct	552.59 33.58 -39.53	105.20



Thermal And Moisture Protection			07
Joint Protection			07 90
Joint Sealants			07 92

07

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 92 13 00-0072	CLF	1/2" x 5/8" Joint, Flexible Polyurethane Security Sealant And Caulking	.....	622.95	108.45
		For Up To 1.15 CLF, Add	38.59		
		For >6 CLF, Deduct	-46.03		
07 92 13 00-0073	CLF	1/2" x 3/4" Joint, Flexible Polyurethane Security Sealant And Caulking	.....	682.47	108.45
		For Up To 1 CLF, Add	43.05		
		For >5 CLF, Deduct	-51.98		
07 92 13 00-0074	CLF	1/2" x 7/8" Joint, Flexible Polyurethane Security Sealant And Caulking	.....	752.82	111.71
		For Up To 0.8 CLF, Add	48.06		
		For >4.5 CLF, Deduct	-58.47		
07 92 13 00-0075	CLF	1/2" x 1" Joint, Flexible Polyurethane Security Sealant And Caulking	.....	823.19	116.05
		For Up To 0.75 CLF, Add	53.06		
		For >4 CLF, Deduct	-64.97		
07 92 13 00-0076	CLF	3/4" x 3/4" Joint, Flexible Polyurethane Security Sealant And Caulking	.....	893.55	119.30
		For Up To 0.65 CLF, Add	58.07		
		For >3.5 CLF, Deduct	-71.46		
07 92 13 00-0077	CLF	3/4" x 1" Joint, Flexible Polyurethane Security Sealant And Caulking	.....	1,104.64	130.15
		For Up To 0.5 CLF, Add	73.09		
		For >2.5 CLF, Deduct	-90.94		

07 92 19 Acoustical Joint Sealants (07 92)**07 92 19 00-0001 Acoustical Sealant** (07 92 19)

07 92 19 00-0002	CLF	1/4" x 1/4" Joint, Acoustical Sealant		343.92	97.61
		For Custom Match Coloring, Add	12.26		
		For Up To 6 CLF, Add	18.47		
		For >30 CLF, Deduct	-19.75		
		For 1 Part Mildew Resistant, Add	17.88		
		For High-Modulus Non-Acid Curing, Add	10.22		
07 92 19 00-0003	CLF	1/4" x 3/8" Joint, Acoustical Sealant	.....	363.33	97.61
		For Custom Match Coloring, Add	16.92		
		For Up To 4 CLF, Add	19.93		
		For >20 CLF, Deduct	-21.69		
		For 1 Part Mildew Resistant, Add	24.68		
		For High-Modulus Non-Acid Curing, Add	14.10		
07 92 19 00-0004	CLF	1/4" x 1/2" Joint, Acoustical Sealant	.....	385.61	100.86
		For Custom Match Coloring, Add	19.67		
		For Up To 3 CLF, Add	21.33		
		For >15 CLF, Deduct	-23.38		
		For 1 Part Mildew Resistant, Add	28.68		
		For High-Modulus Non-Acid Curing, Add	16.39		
07 92 19 00-0005	CLF	3/8" x 3/8" Joint, Acoustical Sealant	.....	417.36	100.86
		For Custom Match Coloring, Add	27.29		
		For Up To 2.5 CLF, Add	23.71		
		For >13 CLF, Deduct	-26.55		
		For 1 Part Mildew Resistant, Add	39.79		
		For High-Modulus Non-Acid Curing, Add	22.74		
07 92 19 00-0006	CLF	3/8" x 1/2" Joint, Acoustical Sealant	.....	450.36	100.86
		For Custom Match Coloring, Add	35.21		
		For Up To 2 CLF, Add	26.19		
		For >10 CLF, Deduct	-29.85		
		For 1 Part Mildew Resistant, Add	51.34		
		For High-Modulus Non-Acid Curing, Add	29.34		
07 92 19 00-0007	CLF	1/2" x 1/2" Joint, Acoustical Sealant	.....	521.22	105.20
		For Custom Match Coloring, Add	49.61		
		For Up To 1.4 CLF, Add	31.23		
		For >7.5 CLF, Deduct	-36.40		
		For 1 Part Mildew Resistant, Add	72.35		
		For High-Modulus Non-Acid Curing, Add	41.34		

07 95 Expansion Control (07 90)**07 95 13 Expansion Joint Cover Assemblies** (07 95)

Note: Includes necessary waterproofing mastics/caulking.

07 95 13 13 Interior Expansion Joint Cover Assemblies (07 95 13)**07 95 13 13-0001 Interior Floor Expansion Joint Cover Assemblies** (07 95 13 13)**07 95 13 13-0002 With 1" Space** (07 95 13 13-0001)

07 95 13 13-0003	LF	1" Opening Floor Assembly Type, With Aluminum Expansion Joint Cover		74.34	6.50
07 95 13 13-0004	LF	1" Opening Floor Assembly Type, With Bronze Expansion Joint Cover		79.82	6.50
07 95 13 13-0005	LF	1" Opening Floor Assembly Type, With Stainless Steel Expansion Joint Cover		95.14	6.50

07 95 13 13-0006 With 2" Space (07 95 13 13-0001)

07 95 13 13-0007	LF	2" Opening Floor Assembly Type, Aluminum Expansion Joint Cover		100.08	6.50
07 95 13 13-0008	LF	2" Opening Floor Assembly Type, Bronze Expansion Joint Cover	.....	98.80	6.50
07 95 13 13-0009	LF	2" Opening Floor Assembly Type, Stainless Steel Expansion Joint Cover	.....	131.29	6.50

07 95 13 13-0010 Interior Ceiling And Wall Expansion Joint Cover Assemblies (07 95 13 13)**07 95 13 13-0011 With 1" Space** (07 95 13 13-0010)

07 Thermal And Moisture Protection**07 90 Joint Protection****07 95 Expansion Control**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 95 13 13-0012	LF	1" Opening Ceiling And Wall Assembly Type, Aluminum Expansion Joint Cover.....	54.25	6.50
07 95 13 13-0013	LF	1" Opening Ceiling And Wall Assembly Type, Bronze Expansion Joint Cover.....	66.49	6.50
07 95 13 13-0014	LF	1" Opening Ceiling And Wall Assembly Type, Stainless Steel Expansion Joint Cover.....	82.72	6.50
07 95 13 13-0015		With 2" Space (07 95 13 13-0010)		
07 95 13 13-0016	LF	2" Opening Ceiling And Wall Assembly Type, Aluminum Expansion Joint Cover.....	69.69	6.50
07 95 13 13-0017	LF	2" Opening Ceiling And Wall Assembly Type, Bronze Expansion Joint Cover.....	75.97	6.50
07 95 13 13-0018	LF	2" Opening Ceiling And Wall Assembly Type, Stainless Steel Expansion Joint Cover.....	100.79	6.50
07 95 13 16		Exterior Expansion Joint Cover Assemblies (07 95 13)		
07 95 13 16-0001		Exterior Roof Aluminum Expansion Joint Cover Assemblies (07 95 13 16)		
07 95 13 16-0002		Roof To Roof (07 95 13 16-0001)		
07 95 13 16-0003	LF	1" Opening Aluminum Assemblies, Exterior Roof To Roof Expansion Joint.....	102.09	4.33
07 95 13 16-0004	LF	2" Opening Aluminum Assemblies, Exterior Roof To Roof Expansion Joint.....	123.76	4.33
07 95 13 16-0005	LF	3" Opening Aluminum Assemblies, Exterior Roof To Roof Expansion Joint.....	138.68	4.33
07 95 13 16-0006		Roof To Wall (07 95 13 16-0001)		
07 95 13 16-0007	LF	1" Opening Aluminum Assemblies, Exterior Roof To Wall Expansion Joint.....	74.98	4.33
07 95 13 16-0008	LF	2" Opening Aluminum Assemblies, Exterior Roof To Wall Expansion Joint.....	101.50	4.33
07 95 13 16-0009		Flat Wall To Wall (07 95 13 16-0001)		
07 95 13 16-0010	LF	1" Opening Aluminum Assemblies, Exterior Wall To Wall Expansion Joint.....	55.17	4.33
07 95 13 16-0011	LF	2" Opening Aluminum Assemblies, Exterior Wall To Wall Expansion Joint.....	71.08	4.33
07 95 13 16-0012	LF	3" Opening Aluminum Assemblies, Exterior Wall To Wall Expansion Joint.....	90.29	4.33
07 95 13 16-0013		Corner To Flat Wall (07 95 13 16-0001)		
07 95 13 16-0014	LF	1" Opening Aluminum Assemblies, Exterior Corner To Wall Expansion Joint.....	51.52	4.33
07 95 13 16-0015	LF	2" Opening Aluminum Assemblies, Exterior Corner To Wall Expansion Joint.....	62.13	4.33
07 95 13 16-0016	LF	3" Opening Aluminum Assemblies, Exterior Corner To Wall Expansion Joint.....	91.94	4.33

END OF SECTION 07



	Openings	08	
	Operation and Maintenance of Openings	08 01	08
	Operation and Maintenance of Doors and Frames	08 01 10	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

08 Openings

08 01 Operation and Maintenance of Openings (08)

08 01 10 Operation and Maintenance of Doors and Frames (08 01)

08 01 11 Operation and Maintenance of Metal Doors and Frames (08 01 10)

08 01 11 61 Metal Doors and Frames Repair (08 01 11)

08 01 11 61-0001		Hollow Metal Door Repair (08 01 11 61)	
		Note: Repairs are based on holes or damage of less than 1/2 of a square foot.	
08 01 11 61-0002	EA	Up To 1 SI, Patch Small Drill Holes	24.35
		Note: Per hinge location - sand to bare metal, mix/patch with bondo, fine grit sand smooth for finish	
08 01 11 61-0003	EA	>1 To 6 SI, Patch Small Drill Holes	48.84
		Note: Per hinge location - sand to bare metal, mix/patch with bondo, fine grit sand smooth for finish	
08 01 11 61-0004	LF	Patch Deep Scrapes Or Cuts In Doors	58.81

08 01 40 Operation and Maintenance of Entrances, Storefronts, and Curtain Walls (08 01)

08 01 44 Operation and Maintenance of Curtain Walls (08 01 40)

08 01 44 00-0001		Retrofit Curtain Walls (08 01 44)	
08 01 44 00-0002	EA	Curtain Wall Retrofit Glass Lites, 5' x 7' nominal, 1" IG Viracon VWS7-08 HS/HS Superwindow	2,769.30
08 01 44 00-0003	LF	Curtain Wall Retrofit Exterior Mullion Caps	26.50
08 01 44 00-0004	LF	Curtain Wall Retrofit Exterior Corner Covers 12" x 12" nominal	109.94
08 01 44 00-0005	LF	Curtain Wall Retrofit Exterior Parapet Covers	102.78
08 01 44 00-0006	LF	Curtain Wall Retrofit Remove/Reinstall Existing Mullion	26.87
08 01 44 00-0007	EA	Curtain Wall Retrofit one time Extrusion Die Engineering/ Manufacture Fee	12,000.00

08 01 50 Operation and Maintenance of Windows (08 01)

08 01 52 Operation and Maintenance of Wood Windows (08 01 50)

08 01 52 61 Wood Window Repairs (08 01 52)

08 01 52 61-0001		Window Restoration And Replacement (08 01 52 61)	
08 01 52 61-0002	EA	Removal And Replacement Of Sash Guides	12.19
08 01 52 61-0003	EA	Removal And Replacement Of Window Arms	34.60
08 01 52 61-0004	EA	Removal And Replacement Of Window Crank Operator	40.53
08 01 52 61-0005	EA	Removal And Replacement Of Brass Window Sash Pull	24.16
08 01 52 61-0006	EA	Removal And Replacement Of Brass Window Sash Lock	21.64
08 01 52 61-0007	EA	Removal And Replacement Of Window Balance, Removable Sash Window	27.37
		Note: Channel, spiral or coil balance.	
08 01 52 61-0008	EA	Removal And Replacement Of Window Balance, Sash Window, Wooden Stops And/or Casing	81.62
		Note: Channel, spiral or coil balance.	
		For Replacing Two Balances In One Window, Deduct	-29.95

08 01 70 Operation and Maintenance of Hardware (08 01)

08 01 71 Operation and Maintenance of Door Hardware (08 01 70)

08 01 71 81 Door Hardware Replacement (08 01 71)

08 01 71 81-0001		Replacement Folding Door Hardware (08 01 71 81)	
		Note: Includes track, top and bottom pivots, door guide, track stop, panel hinge, bottom pivot bracket, top pivot lock, 4-door aligner (when necessary), and doorknob.	
08 01 71 81-0002		2-Door Folding Door Hardware (08 01 71 81-0001)	
08 01 71 81-0003	SET	24" Track, 40 LB Capacity, 2 Panel Bi-Fold Door Hardware	257.25
		Note: Aluminum, top mounted. For replacement only.	
08 01 71 81-0004	SET	30" Track, 40 LB Capacity, 2 Panel Bi-Fold Door Hardware	265.85
		Note: Aluminum, top mounted. For replacement only.	
08 01 71 81-0005	SET	36" Track, 40 LB Capacity, 2 Panel Bi-Fold Door Hardware	271.27
		Note: Aluminum, top mounted. For replacement only.	
08 01 71 81-0006	SET	36" Track, 50 LB Capacity, 2 Panel Bi-Fold Door Hardware	291.88
		Note: Aluminum, top mounted. For replacement only.	
08 01 71 81-0007		4-Door Folding Door Hardware (08 01 71 81-0001)	
08 01 71 81-0008	SET	48" Track, 40 LB Capacity, 4 Panel Bi-Folding Door Hardware	395.80
		Note: Aluminum, top mounted. For replacement only.	
08 01 71 81-0009	SET	48" Track, 50 LB Capacity, 4 Panel Bi-Folding Door Hardware	429.10
		Note: Aluminum, top mounted. For replacement only.	
08 01 71 81-0010	SET	60" Track, 40 LB Capacity, 4 Panel Bi-Folding Door Hardware	405.08
		Note: Aluminum, top mounted. For replacement only.	

08 Openings**08 01 Operation and Maintenance of Openings****08 01 70 Operation and Maintenance of Hardware**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 01 71 81-0011 SET 60" Track, 50 LB Capacity, 4 Panel Bi-Folding Door Hardware..... Note: Aluminum, top mounted. For replacement only.	439.37	162.75
08 01 71 81-0012 SET 72" Track, 40 LB Capacity, 4 Panel Bi-Folding Door Hardware..... Note: Aluminum, top mounted. For replacement only.	414.06	168.18
08 01 71 81-0013 SET 72" Track, 50 LB Capacity, 4 Panel Bi-Folding Door Hardware..... Note: Aluminum, top mounted. For replacement only.	449.88	168.18
08 01 71 81-0014 SET 96" Track, 40 LB Capacity, 4 Panel Bi-Folding Door Hardware..... Note: Aluminum, top mounted. For replacement only.	405.81	168.18
08 01 71 81-0015 SET 96" Track, 50 LB Capacity, 4 Panel Bi-Folding Door Hardware..... Note: Aluminum, top mounted. For replacement only.	427.72	168.18
08 01 71 81-0016 Replacement Sliding Door Hardware (08 01 71 81) Note: Hardware includes track, door pull, by-pass door guide, doorstop, standard hanger, and track stop.		
08 01 71 81-0017 2-Door Sliding Door Hardware (08 01 71 81-0016)		
08 01 71 81-0018 SET 48" Track, 100 LB Capacity, 2 Door Sliding Door Hardware..... Note: Aluminum fascia track. For replacement only.	156.35	54.25
08 01 71 81-0019 SET 48" Track, 150 LB Capacity, 2 Door Sliding Door Hardware..... Note: Aluminum fascia track. For replacement only.	210.19	54.25
08 01 71 81-0020 SET 60" Track, 100 LB Capacity, 2 Door Sliding Door Hardware..... Note: Aluminum fascia track. For replacement only.	173.45	59.67
08 01 71 81-0021 SET 60" Track, 150 LB Capacity, 2 Door Sliding Door Hardware..... Note: Aluminum fascia track. For replacement only.	232.06	59.67
08 01 71 81-0022 SET 72" Track, 100 LB Capacity, 2 Door Sliding Door Hardware..... Note: Aluminum fascia track. For replacement only.	203.28	65.10
08 01 71 81-0023 SET 72" Track, 150 LB Capacity, 2 Door Sliding Door Hardware..... Note: Aluminum fascia track. For replacement only.	254.29	65.10
08 01 71 81-0024 4-Door Sliding Door Hardware (08 01 71 81-0016)		
08 01 71 81-0025 SET 96" Track, 200 LB Capacity, 4 Door Sliding Door Hardware..... Note: Aluminum fascia track. For replacement only.	341.02	108.50
08 01 71 81-0026 SET 96" Track, 300 LB Capacity, 4 Door Sliding Door Hardware..... Note: Aluminum fascia track. For replacement only.	412.76	108.50
08 01 80 Maintenance of Glazing (08 01)		
08 01 81 Maintenance of Glass Glazing (08 01 80)		
08 01 81 10 Maintenance of Glass Glazing (08 01 81)		
08 01 81 10-0001 Glazing Compound Repair (08 01 81 10)		
08 01 81 10-0002 LF Removal And Replacement Of Up To 1/2" Wide Damaged, Broken Or Cracked Window Glazing (For Glazing Compound Repair).....	9.30	
08 05 Common Work Results for Openings (08)		
08 05 13 Door Options and Modifications (08 05)		
Note: Excludes removal and reinstallation of door.		
08 05 13 00-0001 Door Vision Panels (Pemko LT-S1) (08 05 13) Note: Factory primed or powder coated. See CSI section 08 81 00 00-0000 for glazing.		
08 05 13 00-0002 EA For Up To 1 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add..... For 9/16" To 1-1/16" Glazing Pocket, Add	146.78 73.39	
08 05 13 00-0003 EA For >1 To 2 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add..... For 9/16" To 1-1/16" Glazing Pocket, Add	185.80 92.90	
08 05 13 00-0004 EA For >2 To 4 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add..... For 9/16" To 1-1/16" Glazing Pocket, Add	215.53 107.77	
08 05 13 00-0005 EA For >4 To 6 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add..... For 9/16" To 1-1/16" Glazing Pocket, Add	274.98 137.49	
08 05 13 00-0006 EA For >6 To 8 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add..... For 9/16" To 1-1/16" Glazing Pocket, Add	356.73 178.37	
08 05 13 00-0007 EA For >8 To 10 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add..... For 9/16" To 1-1/16" Glazing Pocket, Add	455.21 227.61	
08 05 13 00-0008 EA For >10 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add..... For 9/16" To 1-1/16" Glazing Pocket, Add	483.08 241.54	
08 05 13 00-0009 EA For Up To 1 SF, Site Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add..... For 9/16" To 1-1/16" Glazing Pocket, Add	241.94 66.72	
08 05 13 00-0010 EA For >1 To 2 SF, Site Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add..... For 9/16" To 1-1/16" Glazing Pocket, Add	288.27 84.46	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 05 13 00-0011	EA		For >2 To 4 SF, Site Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	326.13	
			For 9/16" To 1-1/16" Glazing Pocket, Add	97.97	
08 05 13 00-0012	EA		For >4 To 6 SF, Site Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	391.03	
			For 9/16" To 1-1/16" Glazing Pocket, Add	124.99	
08 05 13 00-0013	EA		For >6 To 8 SF, Site Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	476.21	
			For 9/16" To 1-1/16" Glazing Pocket, Add	162.15	
08 05 13 00-0014	EA		For >8 To 10 SF, Site Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	576.57	
			For 9/16" To 1-1/16" Glazing Pocket, Add	206.91	
08 05 13 00-0015	EA		For >10 SF, Site Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	612.76	
			For 9/16" To 1-1/16" Glazing Pocket, Add	219.58	
08 05 13 00-0016			Door Louvers, Inverted "Y" 50% Free Air (Pemko LV-IY) (08 05 13)		
			Note: Factory primed or powder coated.		
08 05 13 00-0017	EA		For Up To 1 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	139.96	
08 05 13 00-0018	EA		For >1 To 2 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	158.99	
08 05 13 00-0019	EA		For >2 To 4 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	216.09	
08 05 13 00-0020	EA		For >4 To 6 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	402.96	
08 05 13 00-0021	EA		For >6 To 8 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	498.32	
08 05 13 00-0022	EA		For >8 To 10 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	595.22	
08 05 13 00-0023	EA		For >10 To 14 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	776.71	
08 05 13 00-0024	EA		For >14 To 18 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	914.30	
			For 18 Gauge Louver And 18 Gauge Frame, Add	109.72	
08 05 13 00-0025	EA		For Up To 1 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	221.34	
08 05 13 00-0026	EA		For >1 To 2 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	248.50	
08 05 13 00-0027	EA		For >2 To 4 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	313.74	
08 05 13 00-0028	EA		For >4 To 6 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	508.75	
08 05 13 00-0029	EA		For >6 To 8 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	612.25	
08 05 13 00-0030	EA		For >8 To 10 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	717.28	
08 05 13 00-0031	EA		For >10 To 14 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	906.91	
08 05 13 00-0032	EA		For >14 To 18 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	1,049.93	
			For 18 Gauge Louver And 18 Gauge Frame, Add	109.72	
08 05 13 00-0033			Fire Rated Fusible Link Louvers (Pemko LV-FL) (08 05 13)		
			Note: Factory primed or powder coated.		
08 05 13 00-0034	EA		For Up To 1 SF, Factory Installed 16 Gauge Galvannealed Adjustable "Z" Blades, 18 Gauge Galvannealed Frame Fire Rated Fusible Link Louver In Door, Add	283.42	
08 05 13 00-0035	EA		For >1 To 2 SF, Factory Installed 16 Gauge Galvannealed Adjustable "Z" Blades, 18 Gauge Galvannealed Frame Fire Rated Fusible Link Louver In Door, Add	324.32	
08 05 13 00-0036	EA		For >2 To 4 SF, Factory Installed 16 Gauge Galvannealed Adjustable "Z" Blades, 18 Gauge Galvannealed Frame Fire Rated Fusible Link Louver In Door, Add	380.94	
08 05 13 00-0037	EA		For Up To 1 SF, Site Installed 16 Gauge Galvannealed Adjustable "Z" Blades, 18 Gauge Galvannealed Frame Fire Rated Fusible Link Louver In Door, Add	381.07	
08 05 13 00-0038	EA		For >1 To 2 SF, Site Installed 16 Gauge Galvannealed Adjustable "Z" Blades, 18 Gauge Galvannealed Frame Fire Rated Fusible Link Louver In Door, Add	432.82	
08 05 13 00-0039	EA		For >2 To 4 SF, Site Installed 16 Gauge Galvannealed Adjustable "Z" Blades, 18 Gauge Galvannealed Frame Fire Rated Fusible Link Louver In Door, Add	498.12	
08 05 13 00-0040			Door Hardware Preparation (08 05 13)		
08 05 13 00-0041	EA		Factory Prepare Wood Door (Rated Or Non-Rated) For Mortise Lockset Hardware	81.34	
08 05 13 00-0042	EA		Prepare Existing Wood Door (Rated) For Mortise Lockset Hardware	200.64	
			Note: Requires door to be taken off site for UL certification.		
08 05 13 00-0043	EA		Prepare Existing Wood Door (Non-Rated) For Mortise Lockset Hardware	92.18	
08 05 13 00-0044	EA		Prepare Existing Wood Door (Rated) For Cylindrical Lockset Hardware	162.69	
			Note: Requires door to be taken off site for UL certification.		
08 05 13 00-0045	EA		Prepare Existing Wood Door (Non-Rated) For Concealed Lockset Hardware	27.11	
08 05 13 00-0046	EA		Prepare Existing Wood Door (Rated) For Concealed Vertical Rod	298.29	
			Note: Requires door to be taken off site for UL certification.		
08 05 13 00-0047	EA		Prepare Existing Wood Door (Non-Rated) For Concealed Vertical Rod	189.79	
08 05 13 00-0048	EA		Prepare Existing Wood Door (Rated) For Electric Hardware	200.64	
			Note: Requires door to be taken off site for UL certification.		

08 Openings**08 05 Common Work Results for Openings****08 05 13 Door Options and Modifications**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 05 13 00-0049 EA Prepare Existing Door (Non-Rated) For Electric Hardware.....92.18

08 05 13 00-0050 Door Modifications (08 05 13)

08 05 13 00-0051 EA Removal And Reinstallation Of Door 92.22
 08 05 13 00-0052 EA Removal And Reinstallation Of Metal Door Frame 180.84
 08 05 13 00-0053 EA Trim Bottom Of Existing Steel Door For Installation Of Carpet Or Tile 97.65
 Note: Excludes removal and reinstallation of door.
 08 05 13 00-0054 EA Modify Metal Door Frame For Door Swing.....1,269.17
 Note: Includes removal of door; install blank hinge plates, new continuous hinge, blank strike plate, new strike plate and reinstallation of door.
 08 05 13 00-0055 EA Factory Installed Sound Proofing (STC 28) In Metal Door 138.82
 08 05 13 00-0056 SF For 16 Gauge Steel Metal Plate Bolted On Door 27.14
 Note: Includes mounting hardware.
 08 05 13 00-0057 EA Removal And Reinstallation Of Wood Door Frame 109.31
 08 05 13 00-0058 EA Trim Bottom Of Existing Wood Door For Installation Of Carpet Or Tile 49.19
 Note: Excludes removal and reinstallation of door.
 08 05 13 00-0059 EA Factory Trim Wood Door Edge For Custom Width 71.05

08 10 Doors and Frames (08)**08 11 Metal Doors and Frames (08 10)****08 11 63 Metal Screen and Storm Doors and Frames (08 11)****08 11 63 13 Steel Screen and Storm Doors and Frames (08 11 63)****08 11 63 13-0001 Steel Screen Door (08 11 63 13)**

Note: Includes frame, trim, necessary anchors and hardware (closures, chain and spring, latching, screens, etc.).

08 11 63 13-0002 EA 2'-8" x 7', Residential, Steel Screen Door With Frame, Trim, Hardware 963.72 149.19
 08 11 63 13-0003 EA 3' x 7' Steel Screen Door, Residential, With Frame, Trim, Hardware 974.61 154.62
 08 11 63 13-0004 EA Steel Combination Type Residential Storm Door, With Mesh And Tempered Glass With Frame, Trim, Hardware 1,399.65 154.62

08 11 63 23 Aluminum Screen and Storm Doors and Frames (08 11 63)**08 11 63 23-0001 Aluminum Combination Type With Tempered Glass At Top And Bottom (08 11 63 23)**

Note: Includes frame trim, necessary anchors and usual hardware (closures, chain and spring, latching, screens, etc.).

08 11 63 23-0002 EA Aluminum Combination Type Residential Storm Door, Tempered Glass Top With Frame, Trim, Hardware 1,057.26 86.81
 For Special Finished, Add 100.83
 08 11 63 23-0003 EA Aluminum Combination Type Residential Storm Door, Tempered Glass Top And Bottom With Frame, Trim, Hardware 1,113.93 86.81
 08 11 63 23-0004 EA Aluminum Screen Door 306.34 54.23
 08 11 63 23-0005 SF Repair Screen Door 12.22

08 11 73 Sliding Metal Fire Doors (08 11)**08 11 73 00-0001 Motor Operated Fire Door With Fusible Link (08 11 73)**

Note: 3 hour rating. Excludes electrical hook-up of motor.

08 11 73 00-0002 EA 3' x 6' 8" Sliding Metal Fire Door, Motor Operated Door With 3 Hour Rating 4,646.95 541.74
 08 11 73 00-0003 EA 3' 8" x 6' 8" Sliding Metal Fire Door, Motor Operated Door With 3 Hour Rating 4,984.29 541.74
 08 11 73 00-0004 EA 4' x 8' Sliding Metal Fire Door, Motor Operated Door With 3 Hour Rating 5,551.68 541.74
 08 11 73 00-0005 EA 5' x 8' Sliding Metal Fire Door, Motor Operated Door With 3 Hour Rating 6,165.68 541.74

08 12 Metal Frames (08 10)

Note: Includes perimeter caulk, sealant (as required), anchors and silencers.

08 12 13 Hollow Metal Frames (08 12)**08 12 13 13 Standard Hollow Metal Frames (08 12 13)**

Note: Shop prime coat. See CSI section 04 05 16 26-0017 for grouting frames.

08 12 13 13-0001 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames (08 12 13 13)

Note: For non-rated or fire rated frame assemblies

08 12 13 13-0002 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames (08 12 13 13-0001)

08 12 13 13-0003 EA 2' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame 524.78 81.38
 For Auxiliary Frame Reinforcement For Hinges, Add 54.30
 For Welded Frames, Add 211.05
 For Galvanized Frames, Add 43.44
 For Type 304 Stainless Steel Frame, Add 659.79
 For Type 316 Stainless Steel Frame, Add 768.40
 For Baked Enamel Finish, Add 133.02
 For 18 Gauge Frame, Deduct -36.20
 For 14 Gauge Frame, Add 90.51
 For 12 Gauge Frame, Add 137.57
 For Clear Aluminum Frames (Three Piece), Add 106.80
 For Black Aluminum Frames (Three Piece), Add 162.91



Openings			08	08
Doors and Frames			08 10	
Metal Frames			08 12	

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
08 12 13 13-0004	EA 2'-4" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	610.02		89.51
	For Auxiliary Frame Reinforcement For Hinges, Add	64.65		
	For Welded Frames, Add	211.05		
	For Galvanized Frames, Add	51.72		
	For Type 304 Stainless Steel Frame, Add	784.73		
	For Type 316 Stainless Steel Frame, Add	914.03		
	For Baked Enamel Finish, Add	156.15		
	For 18 Gauge Frame, Deduct	-43.10		
	For 14 Gauge Frame, Add	107.75		
	For 12 Gauge Frame, Add	163.78		
	For Clear Aluminum Frames (Three Piece), Add	127.14		
	For Black Aluminum Frames (Three Piece), Add	193.95		
08 12 13 13-0005	EA 2'-6" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	627.77		94.94
	For Auxiliary Frame Reinforcement For Hinges, Add	65.68		
	For Welded Frames, Add	211.05		
	For Galvanized Frames, Add	52.55		
	For Type 304 Stainless Steel Frame, Add	797.70		
	For Type 316 Stainless Steel Frame, Add	929.05		
	For Baked Enamel Finish, Add	159.85		
	For 18 Gauge Frame, Deduct	-43.79		
	For 14 Gauge Frame, Add	109.47		
	For 12 Gauge Frame, Add	166.40		
	For Clear Aluminum Frames (Three Piece), Add	129.18		
	For Black Aluminum Frames (Three Piece), Add	197.05		
08 12 13 13-0006	EA 2'-8" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	644.04		103.08
	For Auxiliary Frame Reinforcement For Hinges, Add	65.68		
	For Welded Frames, Add	211.05		
	For Galvanized Frames, Add	52.55		
	For Type 304 Stainless Steel Frame, Add	798.51		
	For Type 316 Stainless Steel Frame, Add	929.88		
	For Baked Enamel Finish, Add	162.29		
	For 18 Gauge Frame, Deduct	-43.79		
	For 14 Gauge Frame, Add	109.47		
	For 12 Gauge Frame, Add	166.40		
	For Clear Aluminum Frames (Three Piece), Add	129.18		
	For Black Aluminum Frames (Three Piece), Add	197.05		
08 12 13 13-0007	EA 2'-10" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	656.36		105.79
	For Auxiliary Frame Reinforcement For Hinges, Add	66.72		
	For Welded Frames, Add	211.05		
	For Galvanized Frames, Add	53.37		
	For Type 304 Stainless Steel Frame, Add	811.18		
	For Type 316 Stainless Steel Frame, Add	944.62		
	For Baked Enamel Finish, Add	165.17		
	For 18 Gauge Frame, Deduct	-44.48		
	For 14 Gauge Frame, Add	111.20		
	For 12 Gauge Frame, Add	169.02		
	For Clear Aluminum Frames (Three Piece), Add	131.21		
	For Black Aluminum Frames (Three Piece), Add	200.15		
08 12 13 13-0008	EA 3' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	668.69		108.50
	For Auxiliary Frame Reinforcement For Hinges, Add	67.75		
	For Welded Frames, Add	211.05		
	For Galvanized Frames, Add	54.20		
	For Type 304 Stainless Steel Frame, Add	823.87		
	For Type 316 Stainless Steel Frame, Add	959.38		
	For Baked Enamel Finish, Add	168.06		
	For 18 Gauge Frame, Deduct	-45.17		
	For 14 Gauge Frame, Add	112.92		
	For 12 Gauge Frame, Add	171.64		
	For Clear Aluminum Frames (Three Piece), Add	133.25		
	For Black Aluminum Frames (Three Piece), Add	203.26		
08 12 13 13-0009	EA 3'-4" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	710.56		113.93
	For Auxiliary Frame Reinforcement For Hinges, Add	72.41		
	For Welded Frames, Add	211.05		
	For Galvanized Frames, Add	57.93		
	For Type 304 Stainless Steel Frame, Add	880.27		
	For Type 316 Stainless Steel Frame, Add	1,025.08		
	For Baked Enamel Finish, Add	178.99		
	For 18 Gauge Frame, Deduct	-48.27		
	For 14 Gauge Frame, Add	120.68		
	For 12 Gauge Frame, Add	183.43		
	For Clear Aluminum Frames (Three Piece), Add	142.40		
	For Black Aluminum Frames (Three Piece), Add	217.22		
08 12 13 13-0010	EA 3'-6" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	721.41		119.36
	For Auxiliary Frame Reinforcement For Hinges, Add	72.41		
	For Welded Frames, Add	211.05		
	For Galvanized Frames, Add	57.93		
	For Type 304 Stainless Steel Frame, Add	880.81		
	For Type 316 Stainless Steel Frame, Add	1,025.63		
	For Baked Enamel Finish, Add	180.62		
	For 18 Gauge Frame, Deduct	-48.27		
	For 14 Gauge Frame, Add	120.68		
	For 12 Gauge Frame, Add	183.43		
	For Clear Aluminum Frames (Three Piece), Add	142.40		
	For Black Aluminum Frames (Three Piece), Add	217.22		

08 Openings**08 10 Doors and Frames****08 12 Metal Frames**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0011	EA		4' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	749.51	124.77
			For Auxiliary Frame Reinforcement For Hinges, Add	74.99	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	59.99	
			For Type 304 Stainless Steel Frame, Add	912.39	
			For Type 316 Stainless Steel Frame, Add	1,062.37	
			For Baked Enamel Finish, Add	187.42	
			For 18 Gauge Frame, Deduct	-50.00	
			For 14 Gauge Frame, Add	124.99	
			For 12 Gauge Frame, Add	189.98	
			For Clear Aluminum Frames (Three Piece), Add	147.49	
			For Black Aluminum Frames (Three Piece), Add	224.98	
08 12 13 13-0012	EA		5' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	777.60	130.20
			For Auxiliary Frame Reinforcement For Hinges, Add	77.58	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	62.06	
			For Type 304 Stainless Steel Frame, Add	943.96	
			For Type 316 Stainless Steel Frame, Add	1,099.12	
			For Baked Enamel Finish, Add	194.22	
			For 18 Gauge Frame, Deduct	-51.72	
			For 14 Gauge Frame, Add	129.30	
			For 12 Gauge Frame, Add	196.53	
			For Clear Aluminum Frames (Three Piece), Add	152.57	
			For Black Aluminum Frames (Three Piece), Add	232.74	
08 12 13 13-0013	EA		5'-8" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	788.44	135.63
			For Auxiliary Frame Reinforcement For Hinges, Add	77.58	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	62.06	
			For Type 304 Stainless Steel Frame, Add	944.50	
			For Type 316 Stainless Steel Frame, Add	1,099.66	
			For Baked Enamel Finish, Add	195.84	
			For 18 Gauge Frame, Deduct	-51.72	
			For 14 Gauge Frame, Add	129.30	
			For 12 Gauge Frame, Add	196.53	
			For Clear Aluminum Frames (Three Piece), Add	152.57	
			For Black Aluminum Frames (Three Piece), Add	232.74	
08 12 13 13-0014	EA		6' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	802.49	138.34
			For Auxiliary Frame Reinforcement For Hinges, Add	78.87	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	63.10	
			For Type 304 Stainless Steel Frame, Add	960.29	
			For Type 316 Stainless Steel Frame, Add	1,118.04	
			For Baked Enamel Finish, Add	199.25	
			For 18 Gauge Frame, Deduct	-52.58	
			For 14 Gauge Frame, Add	131.45	
			For 12 Gauge Frame, Add	199.81	
			For Clear Aluminum Frames (Three Piece), Add	155.11	
			For Black Aluminum Frames (Three Piece), Add	236.61	
08 12 13 13-0015	EA		6' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	816.54	141.05
			For Auxiliary Frame Reinforcement For Hinges, Add	80.16	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	64.13	
			For Type 304 Stainless Steel Frame, Add	976.08	
			For Type 316 Stainless Steel Frame, Add	1,136.41	
			For Baked Enamel Finish, Add	202.65	
			For 18 Gauge Frame, Deduct	-53.44	
			For 14 Gauge Frame, Add	133.61	
			For 12 Gauge Frame, Add	203.08	
			For Clear Aluminum Frames (Three Piece), Add	157.66	
			For Black Aluminum Frames (Three Piece), Add	240.49	
08 12 13 13-0016	EA		7' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	856.44	143.77
			For Auxiliary Frame Reinforcement For Hinges, Add	85.34	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	68.27	
			For Type 304 Stainless Steel Frame, Add	1,038.41	
			For Type 316 Stainless Steel Frame, Add	1,209.09	
			For Baked Enamel Finish, Add	213.80	
			For 18 Gauge Frame, Deduct	-56.89	
			For 14 Gauge Frame, Add	142.23	
			For 12 Gauge Frame, Add	216.19	
			For Clear Aluminum Frames (Three Piece), Add	167.83	
			For Black Aluminum Frames (Three Piece), Add	256.01	
08 12 13 13-0017	EA		8' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	896.35	146.48
			For Auxiliary Frame Reinforcement For Hinges, Add	90.51	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	72.41	
			For Type 304 Stainless Steel Frame, Add	1,100.75	
			For Type 316 Stainless Steel Frame, Add	1,281.77	
			For Baked Enamel Finish, Add	224.96	
			For 18 Gauge Frame, Deduct	-60.34	
			For 14 Gauge Frame, Add	150.85	
			For 12 Gauge Frame, Add	229.29	
			For Clear Aluminum Frames (Three Piece), Add	178.00	
			For Black Aluminum Frames (Three Piece), Add	271.53	



		Openings	08	08
		Doors and Frames	08 10	
		Metal Frames	08 12	

MINOR		TOTAL DIRECT		DEMOLITION
CSI UOM DESCRIPTION		UNIT COST	UNIT COST	
08 12 13 13-0018	>7'-2" Through 9'-0" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames (08 12 13 13-0001)			
08 12 13 13-0019	EA 2' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	565.01		81.38
	For Auxiliary Frame Reinforcement For Hinges, Add	60.34		
	For Welded Frames, Add	211.05		
	For Galvanized Frames, Add	48.27		
	For Type 304 Stainless Steel Frame, Add	732.21		
	For Type 316 Stainless Steel Frame, Add	852.88		
	For Baked Enamel Finish, Add	145.09		
	For 18 Gauge Frame, Deduct	-40.23		
	For 14 Gauge Frame, Add	100.57		
	For 12 Gauge Frame, Add	152.86		
	For Clear Aluminum Frames (Three Piece), Add	118.67		
	For Black Aluminum Frames (Three Piece), Add	181.02		
08 12 13 13-0020	EA 2'-4" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	657.91		89.51
	For Auxiliary Frame Reinforcement For Hinges, Add	71.83		
	For Welded Frames, Add	211.05		
	For Galvanized Frames, Add	57.47		
	For Type 304 Stainless Steel Frame, Add	870.94		
	For Type 316 Stainless Steel Frame, Add	1,014.60		
	For Baked Enamel Finish, Add	170.52		
	For 18 Gauge Frame, Deduct	-47.89		
	For 14 Gauge Frame, Add	119.72		
	For 12 Gauge Frame, Add	181.97		
	For Clear Aluminum Frames (Three Piece), Add	141.27		
	For Black Aluminum Frames (Three Piece), Add	215.50		
08 12 13 13-0021	EA 2'-6" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	676.42		94.94
	For Auxiliary Frame Reinforcement For Hinges, Add	72.98		
	For Welded Frames, Add	211.05		
	For Galvanized Frames, Add	58.38		
	For Type 304 Stainless Steel Frame, Add	885.27		
	For Type 316 Stainless Steel Frame, Add	1,031.23		
	For Baked Enamel Finish, Add	174.44		
	For 18 Gauge Frame, Deduct	-48.65		
	For 14 Gauge Frame, Add	121.64		
	For 12 Gauge Frame, Add	184.89		
	For Clear Aluminum Frames (Three Piece), Add	143.53		
	For Black Aluminum Frames (Three Piece), Add	218.94		
08 12 13 13-0022	EA 2'-8" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	692.69		103.08
	For Auxiliary Frame Reinforcement For Hinges, Add	72.98		
	For Welded Frames, Add	211.05		
	For Galvanized Frames, Add	58.38		
	For Type 304 Stainless Steel Frame, Add	886.08		
	For Type 316 Stainless Steel Frame, Add	1,032.04		
	For Baked Enamel Finish, Add	176.88		
	For 18 Gauge Frame, Deduct	-48.65		
	For 14 Gauge Frame, Add	121.64		
	For 12 Gauge Frame, Add	184.89		
	For Clear Aluminum Frames (Three Piece), Add	143.53		
	For Black Aluminum Frames (Three Piece), Add	218.94		
08 12 13 13-0023	EA 2'-10" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	705.78		105.79
	For Auxiliary Frame Reinforcement For Hinges, Add	74.13		
	For Welded Frames, Add	211.05		
	For Galvanized Frames, Add	59.30		
	For Type 304 Stainless Steel Frame, Add	900.14		
	For Type 316 Stainless Steel Frame, Add	1,048.40		
	For Baked Enamel Finish, Add	180.00		
	For 18 Gauge Frame, Deduct	-49.42		
	For 14 Gauge Frame, Add	123.55		
	For 12 Gauge Frame, Add	187.80		
	For Clear Aluminum Frames (Three Piece), Add	145.79		
	For Black Aluminum Frames (Three Piece), Add	222.39		
08 12 13 13-0024	EA 3' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	718.87		108.50
	For Auxiliary Frame Reinforcement For Hinges, Add	75.28		
	For Welded Frames, Add	211.05		
	For Galvanized Frames, Add	60.22		
	For Type 304 Stainless Steel Frame, Add	914.20		
	For Type 316 Stainless Steel Frame, Add	1,064.76		
	For Baked Enamel Finish, Add	183.11		
	For 18 Gauge Frame, Deduct	-50.19		
	For 14 Gauge Frame, Add	125.47		
	For 12 Gauge Frame, Add	190.71		
	For Clear Aluminum Frames (Three Piece), Add	148.05		
	For Black Aluminum Frames (Three Piece), Add	225.84		
08 12 13 13-0025	EA 3'-4" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	764.19		113.93
	For Auxiliary Frame Reinforcement For Hinges, Add	80.45		
	For Welded Frames, Add	211.05		
	For Galvanized Frames, Add	64.36		
	For Type 304 Stainless Steel Frame, Add	976.80		
	For Type 316 Stainless Steel Frame, Add	1,137.71		
	For Baked Enamel Finish, Add	195.08		
	For 18 Gauge Frame, Deduct	-53.63		
	For 14 Gauge Frame, Add	134.09		
	For 12 Gauge Frame, Add	203.81		
	For Clear Aluminum Frames (Three Piece), Add	158.22		
	For Black Aluminum Frames (Three Piece), Add	241.35		

08 Openings**08 10 Doors and Frames****08 12 Metal Frames**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0026	EA		3'-6" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	775.04	119.36
			For Auxiliary Frame Reinforcement For Hinges, Add	80.45	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	64.36	
			For Type 304 Stainless Steel Frame, Add	977.35	
			For Type 316 Stainless Steel Frame, Add	1,138.25	
			For Baked Enamel Finish, Add	196.71	
			For 18 Gauge Frame, Deduct	-53.63	
			For 14 Gauge Frame, Add	134.09	
			For 12 Gauge Frame, Add	203.87	
			For Clear Aluminum Frames (Three Piece), Add	158.22	
			For Black Aluminum Frames (Three Piece), Add	241.35	
08 12 13 13-0027	EA		4' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	805.06	124.77
			For Auxiliary Frame Reinforcement For Hinges, Add	83.33	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	66.66	
			For Type 304 Stainless Steel Frame, Add	1,012.38	
			For Type 316 Stainless Steel Frame, Add	1,179.03	
			For Baked Enamel Finish, Add	204.08	
			For 18 Gauge Frame, Deduct	-55.55	
			For 14 Gauge Frame, Add	138.88	
			For 12 Gauge Frame, Add	211.09	
			For Clear Aluminum Frames (Three Piece), Add	163.87	
			For Black Aluminum Frames (Three Piece), Add	249.98	
08 12 13 13-0028	EA		5' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	835.06	130.20
			For Auxiliary Frame Reinforcement For Hinges, Add	86.20	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	68.96	
			For Type 304 Stainless Steel Frame, Add	1,047.39	
			For Type 316 Stainless Steel Frame, Add	1,219.79	
			For Baked Enamel Finish, Add	211.46	
			For 18 Gauge Frame, Deduct	-57.47	
			For 14 Gauge Frame, Add	143.66	
			For 12 Gauge Frame, Add	218.37	
			For Clear Aluminum Frames (Three Piece), Add	169.52	
			For Black Aluminum Frames (Three Piece), Add	258.59	
08 12 13 13-0029	EA		5'-4" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	845.90	135.63
			For Auxiliary Frame Reinforcement For Hinges, Add	86.20	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	68.96	
			For Type 304 Stainless Steel Frame, Add	1,047.93	
			For Type 316 Stainless Steel Frame, Add	1,220.33	
			For Baked Enamel Finish, Add	213.08	
			For 18 Gauge Frame, Deduct	-57.47	
			For 14 Gauge Frame, Add	143.66	
			For 12 Gauge Frame, Add	218.37	
			For Clear Aluminum Frames (Three Piece), Add	169.52	
			For Black Aluminum Frames (Three Piece), Add	258.59	
08 12 13 13-0030	EA		5'-8" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	860.91	138.34
			For Auxiliary Frame Reinforcement For Hinges, Add	87.63	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	70.11	
			For Type 304 Stainless Steel Frame, Add	1,065.45	
			For Type 316 Stainless Steel Frame, Add	1,240.72	
			For Baked Enamel Finish, Add	216.77	
			For 18 Gauge Frame, Deduct	-58.42	
			For 14 Gauge Frame, Add	146.06	
			For 12 Gauge Frame, Add	222.01	
			For Clear Aluminum Frames (Three Piece), Add	172.35	
			For Black Aluminum Frames (Three Piece), Add	262.90	
08 12 13 13-0031	EA		6' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	875.92	141.05
			For Auxiliary Frame Reinforcement For Hinges, Add	89.07	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	71.26	
			For Type 304 Stainless Steel Frame, Add	1,082.96	
			For Type 316 Stainless Steel Frame, Add	1,261.11	
			For Baked Enamel Finish, Add	220.46	
			For 18 Gauge Frame, Deduct	-59.38	
			For 14 Gauge Frame, Add	148.45	
			For 12 Gauge Frame, Add	225.65	
			For Clear Aluminum Frames (Three Piece), Add	175.17	
			For Black Aluminum Frames (Three Piece), Add	267.21	
08 12 13 13-0032	EA		7' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	919.65	143.77
			For Auxiliary Frame Reinforcement For Hinges, Add	94.82	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	75.85	
			For Type 304 Stainless Steel Frame, Add	1,152.19	
			For Type 316 Stainless Steel Frame, Add	1,341.83	
			For Baked Enamel Finish, Add	232.77	
			For 18 Gauge Frame, Deduct	-63.21	
			For 14 Gauge Frame, Add	158.03	
			For 12 Gauge Frame, Add	240.21	
			For Clear Aluminum Frames (Three Piece), Add	186.48	
			For Black Aluminum Frames (Three Piece), Add	284.45	



		Openings	08	08
		Doors and Frames	08 10	
		Metal Frames	08 12	

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST		UNIT COST
08 12 13 13-0033	EA 8' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame..... For Auxiliary Frame Reinforcement For Hinges, Add For Welded Frames, Add For Galvanized Frames, Add For Type 304 Stainless Steel Frame, Add For Type 316 Stainless Steel Frame, Add For Baked Enamel Finish, Add For 18 Gauge Frame, Deduct For 14 Gauge Frame, Add For 12 Gauge Frame, Add For Clear Aluminum Frames (Three Piece), Add For Black Aluminum Frames (Three Piece), Add	963.39 100.56 211.05 80.45 1,221.42 1,422.55 245.07 -67.04 167.61 254.76 197.78 301.69		146.48
08 12 13 13-0034	5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames (08 12 13 13)			
08 12 13 13-0035	6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames (08 12 13 13-0034)			
08 12 13 13-0036	EA 2' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame..... For Auxiliary Frame Reinforcement For Hinges, Add For Welded Frames, Add For Galvanized Frames, Add For Type 304 Stainless Steel Frame, Add For Type 316 Stainless Steel Frame, Add For Baked Enamel Finish, Add For 18 Gauge Frame, Deduct For 14 Gauge Frame, Add For 12 Gauge Frame, Add For Clear Aluminum Frames (Three Piece), Add For Black Aluminum Frames (Three Piece), Add	565.01 60.34 211.05 48.27 732.21 852.88 145.09 -40.23 100.57 152.86 118.67 181.02		81.38
08 12 13 13-0037	EA 2'-4" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame..... For Auxiliary Frame Reinforcement For Hinges, Add For Welded Frames, Add For Galvanized Frames, Add For Type 304 Stainless Steel Frame, Add For Type 316 Stainless Steel Frame, Add For Baked Enamel Finish, Add For 18 Gauge Frame, Deduct For 14 Gauge Frame, Add For 12 Gauge Frame, Add For Clear Aluminum Frames (Three Piece), Add For Black Aluminum Frames (Three Piece), Add	657.91 71.83 211.05 57.47 870.94 1,014.60 170.52 -47.89 119.72 181.97 141.27 215.50		89.51
08 12 13 13-0038	EA 2'-6" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame..... For Auxiliary Frame Reinforcement For Hinges, Add For Welded Frames, Add For Galvanized Frames, Add For Type 304 Stainless Steel Frame, Add For Type 316 Stainless Steel Frame, Add For Baked Enamel Finish, Add For 18 Gauge Frame, Deduct For 14 Gauge Frame, Add For 12 Gauge Frame, Add For Clear Aluminum Frames (Three Piece), Add For Black Aluminum Frames (Three Piece), Add	676.42 72.98 211.05 58.38 885.27 1,031.23 174.44 -48.65 121.64 184.89 143.53 218.94		94.94
08 12 13 13-0039	EA 2'-8" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame..... For Auxiliary Frame Reinforcement For Hinges, Add For Welded Frames, Add For Galvanized Frames, Add For Type 304 Stainless Steel Frame, Add For Type 316 Stainless Steel Frame, Add For Baked Enamel Finish, Add For 18 Gauge Frame, Deduct For 14 Gauge Frame, Add For 12 Gauge Frame, Add For Clear Aluminum Frames (Three Piece), Add For Black Aluminum Frames (Three Piece), Add	692.69 72.98 211.05 58.38 886.08 1,032.04 176.88 -48.65 121.64 184.89 143.53 218.94		103.08
08 12 13 13-0040	EA 2'-10" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame..... For Auxiliary Frame Reinforcement For Hinges, Add For Welded Frames, Add For Galvanized Frames, Add For Type 304 Stainless Steel Frame, Add For Type 316 Stainless Steel Frame, Add For Baked Enamel Finish, Add For 18 Gauge Frame, Deduct For 14 Gauge Frame, Add For 12 Gauge Frame, Add For Clear Aluminum Frames (Three Piece), Add For Black Aluminum Frames (Three Piece), Add	705.78 74.13 211.05 59.30 900.14 1,048.40 180.00 -49.42 123.55 187.80 145.79 222.39		105.79

08 Openings**08 10 Doors and Frames****08 12 Metal Frames**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0041	EA	3' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	.....	718.87	108.50
		For Auxiliary Frame Reinforcement For Hinges, Add	.....	75.28	
		For Welded Frames, Add	.....	211.05	
		For Galvanized Frames, Add	.....	60.22	
		For Type 304 Stainless Steel Frame, Add	.....	914.20	
		For Type 316 Stainless Steel Frame, Add	.....	1,064.76	
		For Baked Enamel Finish, Add	.....	183.11	
		For 18 Gauge Frame, Deduct	.....	-50.19	
		For 14 Gauge Frame, Add	.....	125.47	
		For 12 Gauge Frame, Add	.....	190.71	
		For Clear Aluminum Frames (Three Piece), Add	.....	148.05	
		For Black Aluminum Frames (Three Piece), Add	.....	225.84	
08 12 13 13-0042	EA	3'-4" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	.....	764.19	113.93
		For Auxiliary Frame Reinforcement For Hinges, Add	.....	80.45	
		For Welded Frames, Add	.....	211.05	
		For Galvanized Frames, Add	.....	64.36	
		For Type 304 Stainless Steel Frame, Add	.....	976.80	
		For Type 316 Stainless Steel Frame, Add	.....	1,137.71	
		For Baked Enamel Finish, Add	.....	195.08	
		For 18 Gauge Frame, Deduct	.....	-53.63	
		For 14 Gauge Frame, Add	.....	134.09	
		For 12 Gauge Frame, Add	.....	203.81	
		For Clear Aluminum Frames (Three Piece), Add	.....	158.22	
		For Black Aluminum Frames (Three Piece), Add	.....	241.35	
08 12 13 13-0043	EA	4' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	.....	775.04	119.36
		For Auxiliary Frame Reinforcement For Hinges, Add	.....	80.45	
		For Welded Frames, Add	.....	211.05	
		For Galvanized Frames, Add	.....	64.36	
		For Type 304 Stainless Steel Frame, Add	.....	977.35	
		For Type 316 Stainless Steel Frame, Add	.....	1,138.25	
		For Baked Enamel Finish, Add	.....	196.71	
		For 18 Gauge Frame, Deduct	.....	-53.63	
		For 14 Gauge Frame, Add	.....	134.09	
		For 12 Gauge Frame, Add	.....	203.81	
		For Clear Aluminum Frames (Three Piece), Add	.....	158.22	
		For Black Aluminum Frames (Three Piece), Add	.....	241.35	
08 12 13 13-0044	EA	4' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	.....	805.06	124.77
		For Auxiliary Frame Reinforcement For Hinges, Add	.....	83.33	
		For Welded Frames, Add	.....	211.05	
		For Galvanized Frames, Add	.....	66.66	
		For Type 304 Stainless Steel Frame, Add	.....	1,012.38	
		For Type 316 Stainless Steel Frame, Add	.....	1,179.03	
		For Baked Enamel Finish, Add	.....	204.08	
		For 18 Gauge Frame, Deduct	.....	-55.55	
		For 14 Gauge Frame, Add	.....	138.88	
		For 12 Gauge Frame, Add	.....	211.09	
		For Clear Aluminum Frames (Three Piece), Add	.....	163.87	
		For Black Aluminum Frames (Three Piece), Add	.....	249.98	
08 12 13 13-0045	EA	5' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	.....	835.06	130.20
		For Auxiliary Frame Reinforcement For Hinges, Add	.....	86.20	
		For Welded Frames, Add	.....	211.05	
		For Galvanized Frames, Add	.....	68.96	
		For Type 304 Stainless Steel Frame, Add	.....	1,047.39	
		For Type 316 Stainless Steel Frame, Add	.....	1,219.79	
		For Baked Enamel Finish, Add	.....	211.46	
		For 18 Gauge Frame, Deduct	.....	-57.47	
		For 14 Gauge Frame, Add	.....	143.66	
		For 12 Gauge Frame, Add	.....	218.37	
		For Clear Aluminum Frames (Three Piece), Add	.....	169.52	
		For Black Aluminum Frames (Three Piece), Add	.....	258.59	
08 12 13 13-0046	EA	5'-4" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	.....	845.90	135.63
		For Auxiliary Frame Reinforcement For Hinges, Add	.....	86.20	
		For Welded Frames, Add	.....	211.05	
		For Galvanized Frames, Add	.....	68.96	
		For Type 304 Stainless Steel Frame, Add	.....	1,047.93	
		For Type 316 Stainless Steel Frame, Add	.....	1,220.33	
		For Baked Enamel Finish, Add	.....	213.08	
		For 18 Gauge Frame, Deduct	.....	-57.47	
		For 14 Gauge Frame, Add	.....	143.66	
		For 12 Gauge Frame, Add	.....	218.37	
		For Clear Aluminum Frames (Three Piece), Add	.....	169.52	
		For Black Aluminum Frames (Three Piece), Add	.....	258.59	
08 12 13 13-0047	EA	5'-8" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	.....	860.91	138.34
		For Auxiliary Frame Reinforcement For Hinges, Add	.....	87.63	
		For Welded Frames, Add	.....	211.05	
		For Galvanized Frames, Add	.....	70.11	
		For Type 304 Stainless Steel Frame, Add	.....	1,065.45	
		For Type 316 Stainless Steel Frame, Add	.....	1,240.72	
		For Baked Enamel Finish, Add	.....	216.77	
		For 18 Gauge Frame, Deduct	.....	-58.42	
		For 14 Gauge Frame, Add	.....	146.06	
		For 12 Gauge Frame, Add	.....	222.01	
		For Clear Aluminum Frames (Three Piece), Add	.....	172.35	
		For Black Aluminum Frames (Three Piece), Add	.....	262.90	



Openings			08	08
Doors and Frames			08 10	
Metal Frames			08 12	

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST		UNIT COST
08 12 13 13-0048	EA 6' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame For Auxiliary Frame Reinforcement For Hinges, Add For Welded Frames, Add For Galvanized Frames, Add For Type 304 Stainless Steel Frame, Add For Type 316 Stainless Steel Frame, Add For Baked Enamel Finish, Add For 18 Gauge Frame, Deduct For 14 Gauge Frame, Add For 12 Gauge Frame, Add For Clear Aluminum Frames (Three Piece), Add For Black Aluminum Frames (Three Piece), Add	875.92 89.07 211.05 71.26 1,082.96 1,261.11 220.46 -59.38 148.45 225.65 175.17 267.21		141.05
08 12 13 13-0049	EA 7' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame For Auxiliary Frame Reinforcement For Hinges, Add For Welded Frames, Add For Galvanized Frames, Add For Type 304 Stainless Steel Frame, Add For Type 316 Stainless Steel Frame, Add For Baked Enamel Finish, Add For 18 Gauge Frame, Deduct For 14 Gauge Frame, Add For 12 Gauge Frame, Add For Clear Aluminum Frames (Three Piece), Add For Black Aluminum Frames (Three Piece), Add	919.65 94.82 211.05 75.85 1,152.19 1,341.83 232.77 -63.21 158.03 240.21 186.48 284.45		143.77
08 12 13 13-0050	EA 8' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame For Auxiliary Frame Reinforcement For Hinges, Add For Welded Frames, Add For Galvanized Frames, Add For Type 304 Stainless Steel Frame, Add For Type 316 Stainless Steel Frame, Add For Baked Enamel Finish, Add For 18 Gauge Frame, Deduct For 14 Gauge Frame, Add For 12 Gauge Frame, Add For Clear Aluminum Frames (Three Piece), Add For Black Aluminum Frames (Three Piece), Add	963.39 100.56 211.05 80.45 1,221.42 1,422.55 245.07 -67.04 167.61 254.76 197.78 301.69		146.48
08 12 13 13-0051	>7'-2" Through 9'-0" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames (08 12 13 13-0034)			
08 12 13 13-0052	EA 2' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame For Auxiliary Frame Reinforcement For Hinges, Add For Welded Frames, Add For Galvanized Frames, Add For Type 304 Stainless Steel Frame, Add For Type 316 Stainless Steel Frame, Add For Baked Enamel Finish, Add For 18 Gauge Frame, Deduct For 14 Gauge Frame, Add For 12 Gauge Frame, Add For Clear Aluminum Frames (Three Piece), Add For Black Aluminum Frames (Three Piece), Add	609.70 67.04 211.05 53.63 812.65 946.73 158.50 -44.70 111.74 169.84 131.85 201.13		81.38
08 12 13 13-0053	EA 2'-4" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame For Auxiliary Frame Reinforcement For Hinges, Add For Welded Frames, Add For Galvanized Frames, Add For Type 304 Stainless Steel Frame, Add For Type 316 Stainless Steel Frame, Add For Baked Enamel Finish, Add For 18 Gauge Frame, Deduct For 14 Gauge Frame, Add For 12 Gauge Frame, Add For Clear Aluminum Frames (Three Piece), Add For Black Aluminum Frames (Three Piece), Add	711.12 79.81 211.05 63.85 966.71 1,126.34 186.48 -53.21 133.02 202.19 156.97 239.44		89.51
08 12 13 13-0054	EA 2'-6" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame For Auxiliary Frame Reinforcement For Hinges, Add For Welded Frames, Add For Galvanized Frames, Add For Type 304 Stainless Steel Frame, Add For Type 316 Stainless Steel Frame, Add For Baked Enamel Finish, Add For 18 Gauge Frame, Deduct For 14 Gauge Frame, Add For 12 Gauge Frame, Add For Clear Aluminum Frames (Three Piece), Add For Black Aluminum Frames (Three Piece), Add	730.48 81.09 211.05 64.87 982.57 1,144.75 190.66 -54.06 135.15 205.43 159.48 243.27		94.94

08 Openings**08 10 Doors and Frames****08 12 Metal Frames**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0055	EA	2'-8" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	746.75	103.08	
		For Auxiliary Frame Reinforcement For Hinges, Add	81.09		
		For Welded Frames, Add	211.05		
		For Galvanized Frames, Add	64.87		
		For Type 304 Stainless Steel Frame, Add	983.39		
		For Type 316 Stainless Steel Frame, Add	1,145.57		
		For Baked Enamel Finish, Add	193.10		
		For 18 Gauge Frame, Deduct	-54.06		
		For 14 Gauge Frame, Add	135.15		
		For 12 Gauge Frame, Add	205.43		
		For Clear Aluminum Frames (Three Piece), Add	159.48		
		For Black Aluminum Frames (Three Piece), Add	243.27		
08 12 13 13-0056	EA	2'-10" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	760.69	105.79	
		For Auxiliary Frame Reinforcement For Hinges, Add	82.37		
		For Welded Frames, Add	211.05		
		For Galvanized Frames, Add	65.89		
		For Type 304 Stainless Steel Frame, Add	998.98		
		For Type 316 Stainless Steel Frame, Add	1,163.71		
		For Baked Enamel Finish, Add	196.47		
		For 18 Gauge Frame, Deduct	-54.91		
		For 14 Gauge Frame, Add	137.28		
		For 12 Gauge Frame, Add	208.66		
		For Clear Aluminum Frames (Three Piece), Add	161.99		
		For Black Aluminum Frames (Three Piece), Add	247.10		
08 12 13 13-0057	EA	3'-4" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	774.64	108.50	
		For Auxiliary Frame Reinforcement For Hinges, Add	83.64		
		For Welded Frames, Add	211.05		
		For Galvanized Frames, Add	66.92		
		For Type 304 Stainless Steel Frame, Add	1,014.58		
		For Type 316 Stainless Steel Frame, Add	1,181.87		
		For Baked Enamel Finish, Add	199.84		
		For 18 Gauge Frame, Deduct	-55.76		
		For 14 Gauge Frame, Add	139.41		
		For 12 Gauge Frame, Add	211.90		
		For Clear Aluminum Frames (Three Piece), Add	164.50		
		For Black Aluminum Frames (Three Piece), Add	250.93		
08 12 13 13-0058	EA	3'-4" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	823.79	113.93	
		For Auxiliary Frame Reinforcement For Hinges, Add	89.39		
		For Welded Frames, Add	211.05		
		For Galvanized Frames, Add	71.51		
		For Type 304 Stainless Steel Frame, Add	1,084.08		
		For Type 316 Stainless Steel Frame, Add	1,262.87		
		For Baked Enamel Finish, Add	212.96		
		For 18 Gauge Frame, Deduct	-59.59		
		For 14 Gauge Frame, Add	148.99		
		For 12 Gauge Frame, Add	226.46		
		For Clear Aluminum Frames (Three Piece), Add	175.80		
		For Black Aluminum Frames (Three Piece), Add	268.17		
08 12 13 13-0059	EA	3'-6" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	834.64	119.36	
		For Auxiliary Frame Reinforcement For Hinges, Add	89.39		
		For Welded Frames, Add	211.05		
		For Galvanized Frames, Add	71.51		
		For Type 304 Stainless Steel Frame, Add	1,084.63		
		For Type 316 Stainless Steel Frame, Add	1,263.41		
		For Baked Enamel Finish, Add	214.59		
		For 18 Gauge Frame, Deduct	-59.59		
		For 14 Gauge Frame, Add	148.99		
		For 12 Gauge Frame, Add	226.46		
		For Clear Aluminum Frames (Three Piece), Add	175.80		
		For Black Aluminum Frames (Three Piece), Add	268.17		
08 12 13 13-0060	EA	4' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	866.78	124.77	
		For Auxiliary Frame Reinforcement For Hinges, Add	92.58		
		For Welded Frames, Add	211.05		
		For Galvanized Frames, Add	74.07		
		For Type 304 Stainless Steel Frame, Add	1,123.47		
		For Type 316 Stainless Steel Frame, Add	1,308.64		
		For Baked Enamel Finish, Add	222.60		
		For 18 Gauge Frame, Deduct	-61.72		
		For 14 Gauge Frame, Add	154.31		
		For 12 Gauge Frame, Add	234.54		
		For Clear Aluminum Frames (Three Piece), Add	182.08		
		For Black Aluminum Frames (Three Piece), Add	277.75		
08 12 13 13-0061	EA	5' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	898.91	130.20	
		For Auxiliary Frame Reinforcement For Hinges, Add	95.78		
		For Welded Frames, Add	211.05		
		For Galvanized Frames, Add	76.62		
		For Type 304 Stainless Steel Frame, Add	1,162.32		
		For Type 316 Stainless Steel Frame, Add	1,353.87		
		For Baked Enamel Finish, Add	230.61		
		For 18 Gauge Frame, Deduct	-63.85		
		For 14 Gauge Frame, Add	159.63		
		For 12 Gauge Frame, Add	242.63		
		For Clear Aluminum Frames (Three Piece), Add	188.36		
		For Black Aluminum Frames (Three Piece), Add	287.33		



Openings			08	08
Doors and Frames			08 10	
Metal Frames			08 12	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0062	EA		5'-4" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame For Auxiliary Frame Reinforcement For Hinges, Add For Welded Frames, Add For Galvanized Frames, Add For Type 304 Stainless Steel Frame, Add For Type 316 Stainless Steel Frame, Add For Baked Enamel Finish, Add For 18 Gauge Frame, Deduct For 14 Gauge Frame, Add For 12 Gauge Frame, Add For Clear Aluminum Frames (Three Piece), Add For Black Aluminum Frames (Three Piece), Add	909.75 95.78 211.05 76.62 1,162.86 1,354.41 232.24 -63.85 159.63 242.63 188.36 287.33	135.63
08 12 13 13-0063	EA		5'-8" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame For Auxiliary Frame Reinforcement For Hinges, Add For Welded Frames, Add For Galvanized Frames, Add For Type 304 Stainless Steel Frame, Add For Type 316 Stainless Steel Frame, Add For Baked Enamel Finish, Add For 18 Gauge Frame, Deduct For 14 Gauge Frame, Add For 12 Gauge Frame, Add For Clear Aluminum Frames (Three Piece), Add For Black Aluminum Frames (Three Piece), Add	925.83 97.37 211.05 77.90 1,182.30 1,377.05 236.25 -64.92 162.29 246.68 191.50 292.12	138.34
08 12 13 13-0064	EA		6' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame For Auxiliary Frame Reinforcement For Hinges, Add For Welded Frames, Add For Galvanized Frames, Add For Type 304 Stainless Steel Frame, Add For Type 316 Stainless Steel Frame, Add For Baked Enamel Finish, Add For 18 Gauge Frame, Deduct For 14 Gauge Frame, Add For 12 Gauge Frame, Add For Clear Aluminum Frames (Three Piece), Add For Black Aluminum Frames (Three Piece), Add	941.90 98.97 211.05 79.17 1,201.73 1,399.66 240.25 -65.98 164.95 250.72 194.64 296.91	141.05
08 12 13 13-0065	EA		7' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame For Auxiliary Frame Reinforcement For Hinges, Add For Welded Frames, Add For Galvanized Frames, Add For Type 304 Stainless Steel Frame, Add For Type 316 Stainless Steel Frame, Add For Baked Enamel Finish, Add For 18 Gauge Frame, Deduct For 14 Gauge Frame, Add For 12 Gauge Frame, Add For Clear Aluminum Frames (Three Piece), Add For Black Aluminum Frames (Three Piece), Add	989.89 105.35 211.05 84.28 1,278.62 1,489.33 253.84 -70.24 175.59 266.90 207.20 316.06	143.77
08 12 13 13-0066	EA		8' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame For Auxiliary Frame Reinforcement For Hinges, Add For Welded Frames, Add For Galvanized Frames, Add For Type 304 Stainless Steel Frame, Add For Type 316 Stainless Steel Frame, Add For Baked Enamel Finish, Add For 18 Gauge Frame, Deduct For 14 Gauge Frame, Add For 12 Gauge Frame, Add For Clear Aluminum Frames (Three Piece), Add For Black Aluminum Frames (Three Piece), Add	1,037.88 111.74 211.05 89.39 1,355.50 1,578.98 267.42 -74.49 186.23 283.07 219.75 335.21	146.48
08 12 13 13-0067			6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames (08 12 13 13)		
08 12 13 13-0068			6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames (08 12 13 13-0067)		
08 12 13 13-0069	EA		2' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame For Auxiliary Frame Reinforcement For Hinges, Add For Welded Frames, Add For Galvanized Frames, Add For Type 304 Stainless Steel Frame, Add For Type 316 Stainless Steel Frame, Add For Baked Enamel Finish, Add For 18 Gauge Frame, Deduct For 14 Gauge Frame, Add For 12 Gauge Frame, Add For Clear Aluminum Frames (Three Piece), Add For Black Aluminum Frames (Three Piece), Add	799.57 95.52 211.05 76.42 1,154.41 1,345.46 215.46 -63.68 159.21 241.99 187.86 286.57	81.38

08 Openings**08 10 Doors and Frames****08 12 Metal Frames**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0070	EA	2'-4" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	.....	937.15	89.51
		For Auxiliary Frame Reinforcement For Hinges, Add	.....	113.72	
		For Welded Frames, Add	.....	211.05	
		For Galvanized Frames, Add	.....	90.97	
		For Type 304 Stainless Steel Frame, Add	.....	1,373.57	
		For Type 316 Stainless Steel Frame, Add	.....	1,601.00	
		For Baked Enamel Finish, Add	.....	254.29	
		For 18 Gauge Frame, Deduct	.....	-75.81	
		For 14 Gauge Frame, Add	.....	189.53	
		For 12 Gauge Frame, Add	.....	288.09	
		For Clear Aluminum Frames (Three Piece), Add	.....	223.65	
		For Black Aluminum Frames (Three Piece), Add	.....	341.15	
08 12 13 13-0071	EA	2'-6" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	.....	960.13	94.94
		For Auxiliary Frame Reinforcement For Hinges, Add	.....	115.54	
		For Welded Frames, Add	.....	211.05	
		For Galvanized Frames, Add	.....	92.43	
		For Type 304 Stainless Steel Frame, Add	.....	1,395.94	
		For Type 316 Stainless Steel Frame, Add	.....	1,627.02	
		For Baked Enamel Finish, Add	.....	259.56	
		For 18 Gauge Frame, Deduct	.....	-77.03	
		For 14 Gauge Frame, Add	.....	192.56	
		For 12 Gauge Frame, Add	.....	292.70	
		For Clear Aluminum Frames (Three Piece), Add	.....	227.22	
		For Black Aluminum Frames (Three Piece), Add	.....	346.61	
08 12 13 13-0072	EA	2'-10" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	.....	976.40	103.08
		For Auxiliary Frame Reinforcement For Hinges, Add	.....	115.54	
		For Welded Frames, Add	.....	211.05	
		For Galvanized Frames, Add	.....	92.43	
		For Type 304 Stainless Steel Frame, Add	.....	1,396.76	
		For Type 316 Stainless Steel Frame, Add	.....	1,627.83	
		For Baked Enamel Finish, Add	.....	262.00	
		For 18 Gauge Frame, Deduct	.....	-77.03	
		For 14 Gauge Frame, Add	.....	192.56	
		For 12 Gauge Frame, Add	.....	292.70	
		For Clear Aluminum Frames (Three Piece), Add	.....	227.22	
		For Black Aluminum Frames (Three Piece), Add	.....	346.61	
08 12 13 13-0073	EA	2'-10" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	.....	993.96	105.79
		For Auxiliary Frame Reinforcement For Hinges, Add	.....	117.36	
		For Welded Frames, Add	.....	211.05	
		For Galvanized Frames, Add	.....	93.89	
		For Type 304 Stainless Steel Frame, Add	.....	1,418.86	
		For Type 316 Stainless Steel Frame, Add	.....	1,653.58	
		For Baked Enamel Finish, Add	.....	266.45	
		For 18 Gauge Frame, Deduct	.....	-78.24	
		For 14 Gauge Frame, Add	.....	195.60	
		For 12 Gauge Frame, Add	.....	297.30	
		For Clear Aluminum Frames (Three Piece), Add	.....	230.80	
		For Black Aluminum Frames (Three Piece), Add	.....	352.07	
08 12 13 13-0074	EA	3' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	.....	1,011.52	108.50
		For Auxiliary Frame Reinforcement For Hinges, Add	.....	119.18	
		For Welded Frames, Add	.....	211.05	
		For Galvanized Frames, Add	.....	95.34	
		For Type 304 Stainless Steel Frame, Add	.....	1,440.97	
		For Type 316 Stainless Steel Frame, Add	.....	1,679.32	
		For Baked Enamel Finish, Add	.....	270.90	
		For 18 Gauge Frame, Deduct	.....	-79.45	
		For 14 Gauge Frame, Add	.....	198.63	
		For 12 Gauge Frame, Add	.....	301.91	
		For Clear Aluminum Frames (Three Piece), Add	.....	234.38	
		For Black Aluminum Frames (Three Piece), Add	.....	357.53	
08 12 13 13-0075	EA	3'-4" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	.....	1,076.94	113.93
		For Auxiliary Frame Reinforcement For Hinges, Add	.....	127.36	
		For Welded Frames, Add	.....	211.05	
		For Galvanized Frames, Add	.....	101.89	
		For Type 304 Stainless Steel Frame, Add	.....	1,539.75	
		For Type 316 Stainless Steel Frame, Add	.....	1,794.48	
		For Baked Enamel Finish, Add	.....	288.90	
		For 18 Gauge Frame, Deduct	.....	-84.91	
		For 14 Gauge Frame, Add	.....	212.27	
		For 12 Gauge Frame, Add	.....	322.65	
		For Clear Aluminum Frames (Three Piece), Add	.....	250.48	
		For Black Aluminum Frames (Three Piece), Add	.....	382.09	
08 12 13 13-0076	EA	3'-6" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	.....	1,087.79	119.36
		For Auxiliary Frame Reinforcement For Hinges, Add	.....	127.36	
		For Welded Frames, Add	.....	211.05	
		For Galvanized Frames, Add	.....	101.89	
		For Type 304 Stainless Steel Frame, Add	.....	1,540.30	
		For Type 316 Stainless Steel Frame, Add	.....	1,795.02	
		For Baked Enamel Finish, Add	.....	290.53	
		For 18 Gauge Frame, Deduct	.....	-84.91	
		For 14 Gauge Frame, Add	.....	212.27	
		For 12 Gauge Frame, Add	.....	322.65	
		For Clear Aluminum Frames (Three Piece), Add	.....	250.48	
		For Black Aluminum Frames (Three Piece), Add	.....	382.09	



Openings			08	08
Doors and Frames			08 10	
Metal Frames			08 12	

MINOR		DESCRIPTION	TOTAL DIRECT	DEMOLITION
CSI	UOM		UNIT COST	UNIT COST
08 12 13 13-0077	EA	4' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,128.98	124.77
		For Auxiliary Frame Reinforcement For Hinges, Add	131.91	
		For Welded Frames, Add	211.05	
		For Galvanized Frames, Add	105.53	
		For Type 304 Stainless Steel Frame, Add	1,595.43	
		For Type 316 Stainless Steel Frame, Add	1,859.26	
		For Baked Enamel Finish, Add	301.26	
		For 18 Gauge Frame, Deduct	-87.94	
		For 14 Gauge Frame, Add	219.86	
		For 12 Gauge Frame, Add	334.18	
		For Clear Aluminum Frames (Three Piece), Add	259.43	
		For Black Aluminum Frames (Three Piece), Add	395.74	
08 12 13 13-0078	EA	5' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,170.15	130.20
		For Auxiliary Frame Reinforcement For Hinges, Add	136.46	
		For Welded Frames, Add	211.05	
		For Galvanized Frames, Add	109.17	
		For Type 304 Stainless Steel Frame, Add	1,650.55	
		For Type 316 Stainless Steel Frame, Add	1,923.47	
		For Baked Enamel Finish, Add	311.98	
		For 18 Gauge Frame, Deduct	-90.97	
		For 14 Gauge Frame, Add	227.44	
		For 12 Gauge Frame, Add	345.70	
		For Clear Aluminum Frames (Three Piece), Add	268.37	
		For Black Aluminum Frames (Three Piece), Add	409.38	
08 12 13 13-0079	EA	5'-4" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,180.99	135.63
		For Auxiliary Frame Reinforcement For Hinges, Add	136.46	
		For Welded Frames, Add	211.05	
		For Galvanized Frames, Add	109.17	
		For Type 304 Stainless Steel Frame, Add	1,651.09	
		For Type 316 Stainless Steel Frame, Add	1,924.02	
		For Baked Enamel Finish, Add	313.61	
		For 18 Gauge Frame, Deduct	-90.97	
		For 14 Gauge Frame, Add	227.44	
		For 12 Gauge Frame, Add	345.70	
		For Clear Aluminum Frames (Three Piece), Add	268.37	
		For Black Aluminum Frames (Three Piece), Add	409.38	
08 12 13 13-0080	EA	5'-8" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,201.58	138.34
		For Auxiliary Frame Reinforcement For Hinges, Add	138.74	
		For Welded Frames, Add	211.05	
		For Galvanized Frames, Add	110.99	
		For Type 304 Stainless Steel Frame, Add	1,678.65	
		For Type 316 Stainless Steel Frame, Add	1,956.12	
		For Baked Enamel Finish, Add	318.97	
		For 18 Gauge Frame, Deduct	-92.49	
		For 14 Gauge Frame, Add	231.23	
		For 12 Gauge Frame, Add	351.46	
		For Clear Aluminum Frames (Three Piece), Add	272.85	
		For Black Aluminum Frames (Three Piece), Add	416.21	
08 12 13 13-0081	EA	6' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,222.18	141.05
		For Auxiliary Frame Reinforcement For Hinges, Add	141.01	
		For Welded Frames, Add	211.05	
		For Galvanized Frames, Add	112.81	
		For Type 304 Stainless Steel Frame, Add	1,706.23	
		For Type 316 Stainless Steel Frame, Add	1,988.25	
		For Baked Enamel Finish, Add	324.34	
		For 18 Gauge Frame, Deduct	-94.01	
		For 14 Gauge Frame, Add	235.02	
		For 12 Gauge Frame, Add	357.23	
		For Clear Aluminum Frames (Three Piece), Add	277.32	
		For Black Aluminum Frames (Three Piece), Add	423.03	
08 12 13 13-0082	EA	7' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,288.24	143.77
		For Auxiliary Frame Reinforcement For Hinges, Add	150.11	
		For Welded Frames, Add	211.05	
		For Galvanized Frames, Add	120.09	
		For Type 304 Stainless Steel Frame, Add	1,815.65	
		For Type 316 Stainless Steel Frame, Add	2,115.87	
		For Baked Enamel Finish, Add	343.34	
		For 18 Gauge Frame, Deduct	-100.07	
		For 14 Gauge Frame, Add	250.18	
		For 12 Gauge Frame, Add	380.27	
		For Clear Aluminum Frames (Three Piece), Add	295.21	
		For Black Aluminum Frames (Three Piece), Add	450.32	
08 12 13 13-0083	EA	8' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,354.33	146.48
		For Auxiliary Frame Reinforcement For Hinges, Add	159.21	
		For Welded Frames, Add	211.05	
		For Galvanized Frames, Add	127.36	
		For Type 304 Stainless Steel Frame, Add	1,925.11	
		For Type 316 Stainless Steel Frame, Add	2,243.53	
		For Baked Enamel Finish, Add	362.36	
		For 18 Gauge Frame, Deduct	-106.14	
		For 14 Gauge Frame, Add	265.34	
		For 12 Gauge Frame, Add	403.32	
		For Clear Aluminum Frames (Three Piece), Add	313.10	
		For Black Aluminum Frames (Three Piece), Add	477.62	

08 Openings**08 10 Doors and Frames****08 12 Metal Frames**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 12 13 13-0084	>7'-2" Through 9'-0" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames (08 12 13 13-0067)		
08 12 13 13-0085	EA 2' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	870.33	81.38
	For Auxiliary Frame Reinforcement For Hinges, Add	106.14	
	For Welded Frames, Add	211.05	
	For Galvanized Frames, Add	84.91	
	For Type 304 Stainless Steel Frame, Add	1,281.78	
	For Type 316 Stainless Steel Frame, Add	1,494.06	
	For Baked Enamel Finish, Add	236.69	
	For 18 Gauge Frame, Deduct	-70.76	
	For 14 Gauge Frame, Add	176.90	
	For 12 Gauge Frame, Add	268.88	
	For Clear Aluminum Frames (Three Piece), Add	208.74	
	For Black Aluminum Frames (Three Piece), Add	318.41	
08 12 13 13-0086	EA 2'-4" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,021.38	89.51
	For Auxiliary Frame Reinforcement For Hinges, Add	126.35	
	For Welded Frames, Add	211.05	
	For Galvanized Frames, Add	101.08	
	For Type 304 Stainless Steel Frame, Add	1,525.18	
	For Type 316 Stainless Steel Frame, Add	1,777.89	
	For Baked Enamel Finish, Add	279.56	
	For 18 Gauge Frame, Deduct	-84.24	
	For 14 Gauge Frame, Add	210.59	
	For 12 Gauge Frame, Add	320.09	
	For Clear Aluminum Frames (Three Piece), Add	248.49	
	For Black Aluminum Frames (Three Piece), Add	379.06	
08 12 13 13-0087	EA 2'-6" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,045.71	94.94
	For Auxiliary Frame Reinforcement For Hinges, Add	128.37	
	For Welded Frames, Add	211.05	
	For Galvanized Frames, Add	102.70	
	For Type 304 Stainless Steel Frame, Add	1,549.99	
	For Type 316 Stainless Steel Frame, Add	1,806.74	
	For Baked Enamel Finish, Add	285.23	
	For 18 Gauge Frame, Deduct	-85.58	
	For 14 Gauge Frame, Add	213.96	
	For 12 Gauge Frame, Add	325.22	
	For Clear Aluminum Frames (Three Piece), Add	252.47	
	For Black Aluminum Frames (Three Piece), Add	385.12	
08 12 13 13-0088	EA 2'-8" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,061.98	103.08
	For Auxiliary Frame Reinforcement For Hinges, Add	128.37	
	For Welded Frames, Add	211.05	
	For Galvanized Frames, Add	102.70	
	For Type 304 Stainless Steel Frame, Add	1,550.80	
	For Type 316 Stainless Steel Frame, Add	1,807.55	
	For Baked Enamel Finish, Add	287.67	
	For 18 Gauge Frame, Deduct	-85.58	
	For 14 Gauge Frame, Add	213.96	
	For 12 Gauge Frame, Add	325.22	
	For Clear Aluminum Frames (Three Piece), Add	252.47	
	For Black Aluminum Frames (Three Piece), Add	385.12	
08 12 13 13-0089	EA 2'-10" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,080.89	105.79
	For Auxiliary Frame Reinforcement For Hinges, Add	130.40	
	For Welded Frames, Add	211.05	
	For Galvanized Frames, Add	104.32	
	For Type 304 Stainless Steel Frame, Add	1,575.34	
	For Type 316 Stainless Steel Frame, Add	1,836.13	
	For Baked Enamel Finish, Add	292.53	
	For 18 Gauge Frame, Deduct	-86.93	
	For 14 Gauge Frame, Add	217.33	
	For 12 Gauge Frame, Add	330.34	
	For Clear Aluminum Frames (Three Piece), Add	256.45	
	For Black Aluminum Frames (Three Piece), Add	391.19	
08 12 13 13-0090	EA 3' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,099.80	108.50
	For Auxiliary Frame Reinforcement For Hinges, Add	132.42	
	For Welded Frames, Add	211.05	
	For Galvanized Frames, Add	105.93	
	For Type 304 Stainless Steel Frame, Add	1,599.87	
	For Type 316 Stainless Steel Frame, Add	1,864.71	
	For Baked Enamel Finish, Add	297.39	
	For 18 Gauge Frame, Deduct	-88.28	
	For 14 Gauge Frame, Add	220.70	
	For 12 Gauge Frame, Add	335.46	
	For Clear Aluminum Frames (Three Piece), Add	260.42	
	For Black Aluminum Frames (Three Piece), Add	397.26	
08 12 13 13-0091	EA 3'-4" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,171.29	113.93
	For Auxiliary Frame Reinforcement For Hinges, Add	141.52	
	For Welded Frames, Add	211.05	
	For Galvanized Frames, Add	113.21	
	For Type 304 Stainless Steel Frame, Add	1,709.58	
	For Type 316 Stainless Steel Frame, Add	1,992.62	
	For Baked Enamel Finish, Add	317.21	
	For 18 Gauge Frame, Deduct	-94.34	
	For 14 Gauge Frame, Add	235.86	
	For 12 Gauge Frame, Add	358.51	
	For Clear Aluminum Frames (Three Piece), Add	278.31	
	For Black Aluminum Frames (Three Piece), Add	424.55	



Openings			08	08
Doors and Frames			08 10	
Metal Frames			08 12	

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM DESCRIPTION	UNIT COST		UNIT COST	
08 12 13 13-0092	EA 3'-6" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame For Auxiliary Frame Reinforcement For Hinges, Add For Welded Frames, Add For Galvanized Frames, Add For Type 304 Stainless Steel Frame, Add For Type 316 Stainless Steel Frame, Add For Baked Enamel Finish, Add For 18 Gauge Frame, Deduct For 14 Gauge Frame, Add For 12 Gauge Frame, Add For Clear Aluminum Frames (Three Piece), Add For Black Aluminum Frames (Three Piece), Add	1,182.14 141.52 211.05 113.21 1,710.13 1,993.16 318.84 -94.34 235.86 358.51 278.31 424.55		119.36	
08 12 13 13-0093	EA 4' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame For Auxiliary Frame Reinforcement For Hinges, Add For Welded Frames, Add For Galvanized Frames, Add For Type 304 Stainless Steel Frame, Add For Type 316 Stainless Steel Frame, Add For Baked Enamel Finish, Add For 18 Gauge Frame, Deduct For 14 Gauge Frame, Add For 12 Gauge Frame, Add For Clear Aluminum Frames (Three Piece), Add For Black Aluminum Frames (Three Piece), Add	1,226.69 146.57 211.05 117.26 1,771.31 2,064.45 330.57 -97.71 244.28 371.31 288.25 439.71		124.77	
08 12 13 13-0094	EA 5' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame For Auxiliary Frame Reinforcement For Hinges, Add For Welded Frames, Add For Galvanized Frames, Add For Type 304 Stainless Steel Frame, Add For Type 316 Stainless Steel Frame, Add For Baked Enamel Finish, Add For 18 Gauge Frame, Deduct For 14 Gauge Frame, Add For 12 Gauge Frame, Add For Clear Aluminum Frames (Three Piece), Add For Black Aluminum Frames (Three Piece), Add	1,271.23 151.62 211.05 121.30 1,832.50 2,135.74 342.31 -101.08 252.71 384.11 298.19 454.87		130.20	
08 12 13 13-0095	EA 5'-4" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame For Auxiliary Frame Reinforcement For Hinges, Add For Welded Frames, Add For Galvanized Frames, Add For Type 304 Stainless Steel Frame, Add For Type 316 Stainless Steel Frame, Add For Baked Enamel Finish, Add For 18 Gauge Frame, Deduct For 14 Gauge Frame, Add For 12 Gauge Frame, Add For Clear Aluminum Frames (Three Piece), Add For Black Aluminum Frames (Three Piece), Add	1,282.07 151.62 211.05 121.30 1,833.04 2,136.28 343.93 -101.08 252.71 384.11 298.19 454.87		135.63	
08 12 13 13-0096	EA 5'-8" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame For Auxiliary Frame Reinforcement For Hinges, Add For Welded Frames, Add For Galvanized Frames, Add For Type 304 Stainless Steel Frame, Add For Type 316 Stainless Steel Frame, Add For Baked Enamel Finish, Add For 18 Gauge Frame, Deduct For 14 Gauge Frame, Add For 12 Gauge Frame, Add For Clear Aluminum Frames (Three Piece), Add For Black Aluminum Frames (Three Piece), Add	1,304.35 154.15 211.05 123.32 1,863.64 2,171.94 349.80 -102.77 256.92 390.51 303.16 462.45		138.34	
08 12 13 13-0097	EA 6' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame For Auxiliary Frame Reinforcement For Hinges, Add For Welded Frames, Add For Galvanized Frames, Add For Type 304 Stainless Steel Frame, Add For Type 316 Stainless Steel Frame, Add For Baked Enamel Finish, Add For 18 Gauge Frame, Deduct For 14 Gauge Frame, Add For 12 Gauge Frame, Add For Clear Aluminum Frames (Three Piece), Add For Black Aluminum Frames (Three Piece), Add	1,326.63 156.68 211.05 125.34 1,894.24 2,207.60 355.67 -104.45 261.13 396.92 308.13 470.03		141.05	
08 12 13 13-0098	EA 7' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame For Auxiliary Frame Reinforcement For Hinges, Add For Welded Frames, Add For Galvanized Frames, Add For Type 304 Stainless Steel Frame, Add For Type 316 Stainless Steel Frame, Add For Baked Enamel Finish, Add For 18 Gauge Frame, Deduct For 14 Gauge Frame, Add For 12 Gauge Frame, Add For Clear Aluminum Frames (Three Piece), Add For Black Aluminum Frames (Three Piece), Add	1,399.42 166.78 211.05 133.43 2,015.78 2,349.35 376.70 -111.19 277.97 422.52 328.01 500.35		143.77	

08 Openings**08 10 Doors and Frames****08 12 Metal Frames**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0099	EA		8' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	1,472.25	146.48
			For Auxiliary Frame Reinforcement For Hinges, Add	176.89	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	141.51	
			For Type 304 Stainless Steel Frame, Add	2,137.37	
			For Type 316 Stainless Steel Frame, Add	2,491.16	
			For Baked Enamel Finish, Add	397.73	
			For 18 Gauge Frame, Deduct	-117.93	
			For 14 Gauge Frame, Add	294.82	
			For 12 Gauge Frame, Add	448.13	
			For Clear Aluminum Frames (Three Piece), Add	347.89	
			For Black Aluminum Frames (Three Piece), Add	530.68	
08 12 13 13-0100			6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames (08 12 13 13)		
			Note: For non-rated or fire rated frame assemblies		
08 12 13 13-0101			6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames (08 12 13 13-0100)		
08 12 13 13-0102	EA		2' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	847.33	81.38
			For Auxiliary Frame Reinforcement For Hinges, Add	102.69	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	82.15	
			For Type 304 Stainless Steel Frame, Add	1,240.38	
			For Type 316 Stainless Steel Frame, Add	1,445.76	
			For Baked Enamel Finish, Add	229.79	
			For 18 Gauge Frame, Deduct	-68.46	
			For 14 Gauge Frame, Add	171.15	
			For 12 Gauge Frame, Add	260.14	
08 12 13 13-0103	EA		2'-4" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	994.01	89.51
			For Auxiliary Frame Reinforcement For Hinges, Add	122.25	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	97.80	
			For Type 304 Stainless Steel Frame, Add	1,475.92	
			For Type 316 Stainless Steel Frame, Add	1,720.41	
			For Baked Enamel Finish, Add	271.35	
			For 18 Gauge Frame, Deduct	-81.50	
			For 14 Gauge Frame, Add	203.75	
			For 12 Gauge Frame, Add	309.69	
08 12 13 13-0104	EA		2'-6" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,017.90	94.94
			For Auxiliary Frame Reinforcement For Hinges, Add	124.20	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	99.36	
			For Type 304 Stainless Steel Frame, Add	1,499.93	
			For Type 316 Stainless Steel Frame, Add	1,748.34	
			For Baked Enamel Finish, Add	276.89	
			For 18 Gauge Frame, Deduct	-82.80	
			For 14 Gauge Frame, Add	207.01	
			For 12 Gauge Frame, Add	314.65	
08 12 13 13-0105	EA		2'-8" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,034.17	103.08
			For Auxiliary Frame Reinforcement For Hinges, Add	124.20	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	99.36	
			For Type 304 Stainless Steel Frame, Add	1,500.74	
			For Type 316 Stainless Steel Frame, Add	1,749.15	
			For Baked Enamel Finish, Add	279.33	
			For 18 Gauge Frame, Deduct	-82.80	
			For 14 Gauge Frame, Add	207.01	
			For 12 Gauge Frame, Add	314.65	
08 12 13 13-0106	EA		2'-10" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,052.64	105.79
			For Auxiliary Frame Reinforcement For Hinges, Add	126.16	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	100.93	
			For Type 304 Stainless Steel Frame, Add	1,524.49	
			For Type 316 Stainless Steel Frame, Add	1,776.81	
			For Baked Enamel Finish, Add	284.06	
			For 18 Gauge Frame, Deduct	-84.11	
			For 14 Gauge Frame, Add	210.27	
			For 12 Gauge Frame, Add	319.60	
08 12 13 13-0107	EA		3' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	1,071.11	108.50
			For Auxiliary Frame Reinforcement For Hinges, Add	128.12	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	102.49	
			For Type 304 Stainless Steel Frame, Add	1,548.23	
			For Type 316 Stainless Steel Frame, Add	1,804.46	
			For Baked Enamel Finish, Add	288.78	
			For 18 Gauge Frame, Deduct	-85.41	
			For 14 Gauge Frame, Add	213.53	
			For 12 Gauge Frame, Add	324.56	



Openings			08	08
Doors and Frames			08 10	
Metal Frames			08 12	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0108	EA		3'-4" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame 1,140.62		113.93
			For Auxiliary Frame Reinforcement For Hinges, Add	136.92	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	109.53	
			For Type 304 Stainless Steel Frame, Add	1,654.38	
			For Type 316 Stainless Steel Frame, Add	1,928.21	
			For Baked Enamel Finish, Add	308.01	
			For 18 Gauge Frame, Deduct	-91.28	
			For 14 Gauge Frame, Add	228.19	
			For 12 Gauge Frame, Add	346.85	
08 12 13 13-0109	EA		3'-6" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame 1,151.47		119.36
			For Auxiliary Frame Reinforcement For Hinges, Add	136.92	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	109.53	
			For Type 304 Stainless Steel Frame, Add	1,654.92	
			For Type 316 Stainless Steel Frame, Add	1,928.75	
			For Baked Enamel Finish, Add	309.64	
			For 18 Gauge Frame, Deduct	-91.28	
			For 14 Gauge Frame, Add	228.19	
			For 12 Gauge Frame, Add	346.85	
08 12 13 13-0110	EA		4' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame 1,194.93		124.77
			For Auxiliary Frame Reinforcement For Hinges, Add	141.81	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	113.44	
			For Type 304 Stainless Steel Frame, Add	1,714.14	
			For Type 316 Stainless Steel Frame, Add	1,997.76	
			For Baked Enamel Finish, Add	321.05	
			For 18 Gauge Frame, Deduct	-94.54	
			For 14 Gauge Frame, Add	236.34	
			For 12 Gauge Frame, Add	359.24	
08 12 13 13-0111	EA		5' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame 1,238.38		130.20
			For Auxiliary Frame Reinforcement For Hinges, Add	146.70	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	117.36	
			For Type 304 Stainless Steel Frame, Add	1,773.37	
			For Type 316 Stainless Steel Frame, Add	2,066.76	
			For Baked Enamel Finish, Add	332.45	
			For 18 Gauge Frame, Deduct	-97.80	
			For 14 Gauge Frame, Add	244.49	
			For 12 Gauge Frame, Add	371.63	
08 12 13 13-0112	EA		5'-4" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame 1,249.22		135.63
			For Auxiliary Frame Reinforcement For Hinges, Add	146.70	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	117.36	
			For Type 304 Stainless Steel Frame, Add	1,773.91	
			For Type 316 Stainless Steel Frame, Add	2,067.30	
			For Baked Enamel Finish, Add	334.08	
			For 18 Gauge Frame, Deduct	-97.80	
			For 14 Gauge Frame, Add	244.49	
			For 12 Gauge Frame, Add	371.63	
08 12 13 13-0113	EA		5'-8" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame 1,270.95		138.34
			For Auxiliary Frame Reinforcement For Hinges, Add	149.14	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	119.31	
			For Type 304 Stainless Steel Frame, Add	1,803.52	
			For Type 316 Stainless Steel Frame, Add	2,101.80	
			For Baked Enamel Finish, Add	339.78	
			For 18 Gauge Frame, Deduct	-99.43	
			For 14 Gauge Frame, Add	248.57	
			For 12 Gauge Frame, Add	377.82	
08 12 13 13-0114	EA		6' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame 1,292.68		141.05
			For Auxiliary Frame Reinforcement For Hinges, Add	151.59	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	121.27	
			For Type 304 Stainless Steel Frame, Add	1,833.13	
			For Type 316 Stainless Steel Frame, Add	2,136.30	
			For Baked Enamel Finish, Add	345.49	
			For 18 Gauge Frame, Deduct	-101.06	
			For 14 Gauge Frame, Add	252.64	
			For 12 Gauge Frame, Add	384.02	
08 12 13 13-0115	EA		7' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame 1,363.29		143.77
			For Auxiliary Frame Reinforcement For Hinges, Add	161.36	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	129.09	
			For Type 304 Stainless Steel Frame, Add	1,950.74	
			For Type 316 Stainless Steel Frame, Add	2,273.47	
			For Baked Enamel Finish, Add	365.86	
			For 18 Gauge Frame, Deduct	-107.58	
			For 14 Gauge Frame, Add	268.94	
			For 12 Gauge Frame, Add	408.79	

08 Openings**08 10 Doors and Frames****08 12 Metal Frames**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0116	EA		8' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	1,433.93	146.48
			For Auxiliary Frame Reinforcement For Hinges, Add	171.15	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	136.92	
			For Type 304 Stainless Steel Frame, Add	2,068.39	
			For Type 316 Stainless Steel Frame, Add	2,410.69	
			For Baked Enamel Finish, Add	386.24	
			For 18 Gauge Frame, Deduct	-114.10	
			For 14 Gauge Frame, Add	285.24	
			For 12 Gauge Frame, Add	433.57	
08 12 13 13-0117			>7'-2" Through 9'-0" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames (08 12 13 13-0100)		
08 12 13 13-0118	EA		2' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	923.39	81.38
			For Auxiliary Frame Reinforcement For Hinges, Add	114.10	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	91.28	
			For Type 304 Stainless Steel Frame, Add	1,377.29	
			For Type 316 Stainless Steel Frame, Add	1,605.48	
			For Baked Enamel Finish, Add	252.60	
			For 18 Gauge Frame, Deduct	-76.06	
			For 14 Gauge Frame, Add	190.16	
			For 12 Gauge Frame, Add	289.04	
08 12 13 13-0119	EA		2'-4" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,084.56	89.51
			For Auxiliary Frame Reinforcement For Hinges, Add	135.83	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	108.66	
			For Type 304 Stainless Steel Frame, Add	1,638.91	
			For Type 316 Stainless Steel Frame, Add	1,910.56	
			For Baked Enamel Finish, Add	298.51	
			For 18 Gauge Frame, Deduct	-90.55	
			For 14 Gauge Frame, Add	226.38	
			For 12 Gauge Frame, Add	344.10	
08 12 13 13-0120	EA		2'-6" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,109.90	94.94
			For Auxiliary Frame Reinforcement For Hinges, Add	138.00	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	110.40	
			For Type 304 Stainless Steel Frame, Add	1,665.53	
			For Type 316 Stainless Steel Frame, Add	1,941.54	
			For Baked Enamel Finish, Add	304.49	
			For 18 Gauge Frame, Deduct	-92.00	
			For 14 Gauge Frame, Add	230.01	
			For 12 Gauge Frame, Add	349.61	
08 12 13 13-0121	EA		2'-8" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,126.17	103.08
			For Auxiliary Frame Reinforcement For Hinges, Add	138.00	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	110.40	
			For Type 304 Stainless Steel Frame, Add	1,666.34	
			For Type 316 Stainless Steel Frame, Add	1,942.35	
			For Baked Enamel Finish, Add	306.93	
			For 18 Gauge Frame, Deduct	-92.00	
			For 14 Gauge Frame, Add	230.01	
			For 12 Gauge Frame, Add	349.61	
08 12 13 13-0122	EA		2'-10" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,146.09	105.79
			For Auxiliary Frame Reinforcement For Hinges, Add	140.18	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	112.14	
			For Type 304 Stainless Steel Frame, Add	1,692.70	
			For Type 316 Stainless Steel Frame, Add	1,973.05	
			For Baked Enamel Finish, Add	312.09	
			For 18 Gauge Frame, Deduct	-93.45	
			For 14 Gauge Frame, Add	233.63	
			For 12 Gauge Frame, Add	355.11	
08 12 13 13-0123	EA		3' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,166.00	108.50
			For Auxiliary Frame Reinforcement For Hinges, Add	142.35	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	113.88	
			For Type 304 Stainless Steel Frame, Add	1,719.03	
			For Type 316 Stainless Steel Frame, Add	2,003.73	
			For Baked Enamel Finish, Add	317.25	
			For 18 Gauge Frame, Deduct	-94.90	
			For 14 Gauge Frame, Add	237.25	
			For 12 Gauge Frame, Add	360.62	
08 12 13 13-0124	EA		3'-4" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,242.04	113.93
			For Auxiliary Frame Reinforcement For Hinges, Add	152.13	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	121.70	
			For Type 304 Stainless Steel Frame, Add	1,836.93	
			For Type 316 Stainless Steel Frame, Add	2,141.19	
			For Baked Enamel Finish, Add	338.43	
			For 18 Gauge Frame, Deduct	-101.42	
			For 14 Gauge Frame, Add	253.55	
			For 12 Gauge Frame, Add	385.39	



Openings			08	08
Doors and Frames			08 10	
Metal Frames			08 12	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0125	EA		3'-6" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame For Auxiliary Frame Reinforcement For Hinges, Add For Welded Frames, Add For Galvanized Frames, Add For Type 304 Stainless Steel Frame, Add For Type 316 Stainless Steel Frame, Add For Baked Enamel Finish, Add For 18 Gauge Frame, Deduct For 14 Gauge Frame, Add For 12 Gauge Frame, Add	1,252.89 152.13 211.05 121.70 1,837.48 2,141.73 340.06 -101.42 253.55 385.39	119.36
08 12 13 13-0126	EA		4' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame For Auxiliary Frame Reinforcement For Hinges, Add For Welded Frames, Add For Galvanized Frames, Add For Type 304 Stainless Steel Frame, Add For Type 316 Stainless Steel Frame, Add For Baked Enamel Finish, Add For 18 Gauge Frame, Deduct For 14 Gauge Frame, Add For 12 Gauge Frame, Add	1,259.97 157.56 211.05 126.05 1,903.22 2,218.34 352.56 -105.04 262.60 399.16	124.77
08 12 13 13-0127	EA		5' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame For Auxiliary Frame Reinforcement For Hinges, Add For Welded Frames, Add For Galvanized Frames, Add For Type 304 Stainless Steel Frame, Add For Type 316 Stainless Steel Frame, Add For Baked Enamel Finish, Add For 18 Gauge Frame, Deduct For 14 Gauge Frame, Add For 12 Gauge Frame, Add	1,347.05 163.00 211.05 130.40 1,968.97 2,294.96 365.05 -108.66 271.66 412.92	130.20
08 12 13 13-0128	EA		5'-4" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame For Auxiliary Frame Reinforcement For Hinges, Add For Welded Frames, Add For Galvanized Frames, Add For Type 304 Stainless Steel Frame, Add For Type 316 Stainless Steel Frame, Add For Baked Enamel Finish, Add For 18 Gauge Frame, Deduct For 14 Gauge Frame, Add For 12 Gauge Frame, Add	1,357.89 163.00 211.05 130.40 1,969.51 2,295.51 366.68 -108.66 271.66 412.92	135.63
08 12 13 13-0129	EA		5'-8" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame For Auxiliary Frame Reinforcement For Hinges, Add For Welded Frames, Add For Galvanized Frames, Add For Type 304 Stainless Steel Frame, Add For Type 316 Stainless Steel Frame, Add For Baked Enamel Finish, Add For 18 Gauge Frame, Deduct For 14 Gauge Frame, Add For 12 Gauge Frame, Add	1,381.43 165.71 211.05 132.57 2,002.38 2,333.81 372.93 -110.48 276.19 419.81	138.34
08 12 13 13-0130	EA		6' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame For Auxiliary Frame Reinforcement For Hinges, Add For Welded Frames, Add For Galvanized Frames, Add For Type 304 Stainless Steel Frame, Add For Type 316 Stainless Steel Frame, Add For Baked Enamel Finish, Add For 18 Gauge Frame, Deduct For 14 Gauge Frame, Add For 12 Gauge Frame, Add	1,404.97 168.43 211.05 134.74 2,035.25 2,372.11 379.17 -112.29 280.72 426.69	141.05
08 12 13 13-0131	EA		7' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame For Auxiliary Frame Reinforcement For Hinges, Add For Welded Frames, Add For Galvanized Frames, Add For Type 304 Stainless Steel Frame, Add For Type 316 Stainless Steel Frame, Add For Baked Enamel Finish, Add For 18 Gauge Frame, Deduct For 14 Gauge Frame, Add For 12 Gauge Frame, Add	1,482.81 179.29 211.05 143.43 2,165.88 2,524.46 401.71 -119.53 298.82 454.21	143.77
08 12 13 13-0132	EA		8' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame For Auxiliary Frame Reinforcement For Hinges, Add For Welded Frames, Add For Galvanized Frames, Add For Type 304 Stainless Steel Frame, Add For Type 316 Stainless Steel Frame, Add For Baked Enamel Finish, Add For 18 Gauge Frame, Deduct For 14 Gauge Frame, Add For 12 Gauge Frame, Add	1,560.70 190.16 211.05 152.13 2,296.58 2,676.90 424.27 -126.77 316.94 481.74	146.48

08 12 13 13-0133 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door
Frames (08 12 13 13)
Note: For non-rated or fire rated frame assemblies

08 Openings**08 10 Doors and Frames****08 12 Metal Frames**

MINOR				TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION				UNIT COST	UNIT COST
08 12 13 13-0134		6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames (08 12 13 13-0133)			
08 12 13 13-0135	EA	2' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	879.17		81.38
		For Auxiliary Frame Reinforcement For Hinges, Add	107.46		
		For Welded Frames, Add	211.05		
		For Galvanized Frames, Add	85.97		
		For Type 304 Stainless Steel Frame, Add	1,297.69		
		For Type 316 Stainless Steel Frame, Add	1,512.62		
		For Baked Enamel Finish, Add	239.34		
		For 18 Gauge Frame, Deduct	-71.64		
		For 14 Gauge Frame, Add	179.11		
		For 12 Gauge Frame, Add	272.24		
08 12 13 13-0136	EA	2'-4" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,031.91		89.51
		For Auxiliary Frame Reinforcement For Hinges, Add	127.93		
		For Welded Frames, Add	211.05		
		For Galvanized Frames, Add	102.35		
		For Type 304 Stainless Steel Frame, Add	1,544.14		
		For Type 316 Stainless Steel Frame, Add	1,800.00		
		For Baked Enamel Finish, Add	282.72		
		For 18 Gauge Frame, Deduct	-85.29		
		For 14 Gauge Frame, Add	213.22		
		For 12 Gauge Frame, Add	324.09		
08 12 13 13-0137	EA	2'-6" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,056.41		94.94
		For Auxiliary Frame Reinforcement For Hinges, Add	129.98		
		For Welded Frames, Add	211.05		
		For Galvanized Frames, Add	103.98		
		For Type 304 Stainless Steel Frame, Add	1,569.25		
		For Type 316 Stainless Steel Frame, Add	1,829.21		
		For Baked Enamel Finish, Add	288.44		
		For 18 Gauge Frame, Deduct	-86.65		
		For 14 Gauge Frame, Add	216.63		
		For 12 Gauge Frame, Add	329.28		
08 12 13 13-0138	EA	2'-8" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,072.68		103.08
		For Auxiliary Frame Reinforcement For Hinges, Add	129.98		
		For Welded Frames, Add	211.05		
		For Galvanized Frames, Add	103.98		
		For Type 304 Stainless Steel Frame, Add	1,570.06		
		For Type 316 Stainless Steel Frame, Add	1,830.02		
		For Baked Enamel Finish, Add	290.88		
		For 18 Gauge Frame, Deduct	-86.65		
		For 14 Gauge Frame, Add	216.63		
		For 12 Gauge Frame, Add	329.28		
08 12 13 13-0139	EA	2'-10" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,091.75		105.79
		For Auxiliary Frame Reinforcement For Hinges, Add	132.03		
		For Welded Frames, Add	211.05		
		For Galvanized Frames, Add	105.62		
		For Type 304 Stainless Steel Frame, Add	1,594.89		
		For Type 316 Stainless Steel Frame, Add	1,858.94		
		For Baked Enamel Finish, Add	295.79		
		For 18 Gauge Frame, Deduct	-88.02		
		For 14 Gauge Frame, Add	220.04		
		For 12 Gauge Frame, Add	334.46		
08 12 13 13-0140	EA	3' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	1,110.83		108.50
		For Auxiliary Frame Reinforcement For Hinges, Add	134.07		
		For Welded Frames, Add	211.05		
		For Galvanized Frames, Add	107.26		
		For Type 304 Stainless Steel Frame, Add	1,619.73		
		For Type 316 Stainless Steel Frame, Add	1,887.87		
		For Baked Enamel Finish, Add	300.70		
		For 18 Gauge Frame, Deduct	-89.38		
		For 14 Gauge Frame, Add	223.46		
		For 12 Gauge Frame, Add	339.65		
08 12 13 13-0141	EA	3'-4" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,183.08		113.93
		For Auxiliary Frame Reinforcement For Hinges, Add	143.28		
		For Welded Frames, Add	211.05		
		For Galvanized Frames, Add	114.63		
		For Type 304 Stainless Steel Frame, Add	1,730.81		
		For Type 316 Stainless Steel Frame, Add	2,017.38		
		For Baked Enamel Finish, Add	320.75		
		For 18 Gauge Frame, Deduct	-95.52		
		For 14 Gauge Frame, Add	238.81		
		For 12 Gauge Frame, Add	362.99		
08 12 13 13-0142	EA	3'-6" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,193.93		119.36
		For Auxiliary Frame Reinforcement For Hinges, Add	143.28		
		For Welded Frames, Add	211.05		
		For Galvanized Frames, Add	114.63		
		For Type 304 Stainless Steel Frame, Add	1,731.35		
		For Type 316 Stainless Steel Frame, Add	2,017.92		
		For Baked Enamel Finish, Add	322.37		
		For 18 Gauge Frame, Deduct	-95.52		
		For 14 Gauge Frame, Add	238.81		
		For 12 Gauge Frame, Add	362.99		



Openings			08	08
Doors and Frames			08 10	
Metal Frames			08 12	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0143	EA		4' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	1,238.90	124.77
			For Auxiliary Frame Reinforcement For Hinges, Add	148.40	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	118.72	
			For Type 304 Stainless Steel Frame, Add	1,793.29	
			For Type 316 Stainless Steel Frame, Add	2,090.09	
			For Baked Enamel Finish, Add	334.24	
			For 18 Gauge Frame, Deduct	-98.93	
			For 14 Gauge Frame, Add	247.34	
			For 12 Gauge Frame, Add	375.95	
08 12 13 13-0144	EA		5' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	1,263.87	130.20
			For Auxiliary Frame Reinforcement For Hinges, Add	153.52	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	122.82	
			For Type 304 Stainless Steel Frame, Add	1,855.25	
			For Type 316 Stainless Steel Frame, Add	2,162.29	
			For Baked Enamel Finish, Add	346.10	
			For 18 Gauge Frame, Deduct	-102.35	
			For 14 Gauge Frame, Add	255.87	
			For 12 Gauge Frame, Add	388.91	
08 12 13 13-0145	EA		5'-4" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	1,294.71	135.63
			For Auxiliary Frame Reinforcement For Hinges, Add	153.52	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	122.82	
			For Type 304 Stainless Steel Frame, Add	1,855.79	
			For Type 316 Stainless Steel Frame, Add	2,162.83	
			For Baked Enamel Finish, Add	347.73	
			For 18 Gauge Frame, Deduct	-102.35	
			For 14 Gauge Frame, Add	255.87	
			For 12 Gauge Frame, Add	388.91	
08 12 13 13-0146	EA		5'-8" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	1,317.20	138.34
			For Auxiliary Frame Reinforcement For Hinges, Add	156.08	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	124.86	
			For Type 304 Stainless Steel Frame, Add	1,886.77	
			For Type 316 Stainless Steel Frame, Add	2,198.93	
			For Baked Enamel Finish, Add	353.66	
			For 18 Gauge Frame, Deduct	-104.05	
			For 14 Gauge Frame, Add	260.13	
			For 12 Gauge Frame, Add	395.40	
08 12 13 13-0147	EA		6' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	1,339.68	141.05
			For Auxiliary Frame Reinforcement For Hinges, Add	158.64	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	126.91	
			For Type 304 Stainless Steel Frame, Add	1,917.73	
			For Type 316 Stainless Steel Frame, Add	2,235.00	
			For Baked Enamel Finish, Add	359.59	
			For 18 Gauge Frame, Deduct	-105.76	
			For 14 Gauge Frame, Add	264.39	
			For 12 Gauge Frame, Add	401.88	
08 12 13 13-0148	EA		7' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	1,413.33	143.77
			For Auxiliary Frame Reinforcement For Hinges, Add	168.87	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	135.10	
			For Type 304 Stainless Steel Frame, Add	2,040.82	
			For Type 316 Stainless Steel Frame, Add	2,378.56	
			For Baked Enamel Finish, Add	380.87	
			For 18 Gauge Frame, Deduct	-112.58	
			For 14 Gauge Frame, Add	281.45	
			For 12 Gauge Frame, Add	427.80	
08 12 13 13-0149	EA		8' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	1,487.00	146.48
			For Auxiliary Frame Reinforcement For Hinges, Add	179.11	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	143.28	
			For Type 304 Stainless Steel Frame, Add	2,163.92	
			For Type 316 Stainless Steel Frame, Add	2,522.13	
			For Baked Enamel Finish, Add	402.16	
			For 18 Gauge Frame, Deduct	-119.40	
			For 14 Gauge Frame, Add	298.51	
			For 12 Gauge Frame, Add	453.74	
08 12 13 13-0150			>7'-2" Through 9'-0" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames (08 12 13 13-0133)		
08 12 13 13-0151	EA		2' x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	958.77	81.38
			For Auxiliary Frame Reinforcement For Hinges, Add	119.40	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	95.52	
			For Type 304 Stainless Steel Frame, Add	1,440.97	
			For Type 316 Stainless Steel Frame, Add	1,679.78	
			For Baked Enamel Finish, Add	263.22	
			For 18 Gauge Frame, Deduct	-79.60	
			For 14 Gauge Frame, Add	199.01	
			For 12 Gauge Frame, Add	302.49	

08 Openings**08 10 Doors and Frames****08 12 Metal Frames**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0152	EA	2'-4" x >7'-2"	Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	1,126.68	89.51
			For Auxiliary Frame Reinforcement For Hinges, Add	142.15	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	113.72	
			For Type 304 Stainless Steel Frame, Add	1,714.72	
			For Type 316 Stainless Steel Frame, Add	1,999.02	
			For Baked Enamel Finish, Add	311.15	
			For 18 Gauge Frame, Deduct	-94.77	
			For 14 Gauge Frame, Add	236.91	
			For 12 Gauge Frame, Add	360.11	
08 12 13 13-0153	EA	2'-6" x >7'-2"	Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	1,152.69	94.94
			For Auxiliary Frame Reinforcement For Hinges, Add	144.42	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	115.54	
			For Type 304 Stainless Steel Frame, Add	1,742.55	
			For Type 316 Stainless Steel Frame, Add	2,031.40	
			For Baked Enamel Finish, Add	317.33	
			For 18 Gauge Frame, Deduct	-96.28	
			For 14 Gauge Frame, Add	240.70	
			For 12 Gauge Frame, Add	365.87	
08 12 13 13-0154	EA	2'-8" x >7'-2"	Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	1,168.96	103.08
			For Auxiliary Frame Reinforcement For Hinges, Add	144.42	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	115.54	
			For Type 304 Stainless Steel Frame, Add	1,743.37	
			For Type 316 Stainless Steel Frame, Add	2,032.21	
			For Baked Enamel Finish, Add	319.77	
			For 18 Gauge Frame, Deduct	-96.28	
			For 14 Gauge Frame, Add	240.70	
			For 12 Gauge Frame, Add	365.87	
08 12 13 13-0155	EA	2'-10" x >7'-2"	Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	1,189.55	105.79
			For Auxiliary Frame Reinforcement For Hinges, Add	146.70	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	117.36	
			For Type 304 Stainless Steel Frame, Add	1,770.93	
			For Type 316 Stainless Steel Frame, Add	2,064.32	
			For Baked Enamel Finish, Add	325.13	
			For 18 Gauge Frame, Deduct	-97.80	
			For 14 Gauge Frame, Add	244.49	
			For 12 Gauge Frame, Add	371.63	
08 12 13 13-0156	EA	3' x >7'-2"	Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,210.14	108.50
			For Auxiliary Frame Reinforcement For Hinges, Add	148.97	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	119.18	
			For Type 304 Stainless Steel Frame, Add	1,798.48	
			For Type 316 Stainless Steel Frame, Add	2,096.42	
			For Baked Enamel Finish, Add	330.49	
			For 18 Gauge Frame, Deduct	-99.31	
			For 14 Gauge Frame, Add	248.28	
			For 12 Gauge Frame, Add	377.39	
08 12 13 13-0157	EA	3'-4" x >7'-2"	Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	1,289.21	113.93
			For Auxiliary Frame Reinforcement For Hinges, Add	159.20	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	127.36	
			For Type 304 Stainless Steel Frame, Add	1,921.84	
			For Type 316 Stainless Steel Frame, Add	2,240.25	
			For Baked Enamel Finish, Add	352.59	
			For 18 Gauge Frame, Deduct	-106.14	
			For 14 Gauge Frame, Add	265.34	
			For 12 Gauge Frame, Add	403.32	
08 12 13 13-0158	EA	3'-6" x >7'-2"	Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	1,300.06	119.36
			For Auxiliary Frame Reinforcement For Hinges, Add	159.20	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	127.36	
			For Type 304 Stainless Steel Frame, Add	1,922.38	
			For Type 316 Stainless Steel Frame, Add	2,240.79	
			For Baked Enamel Finish, Add	354.21	
			For 18 Gauge Frame, Deduct	-106.14	
			For 14 Gauge Frame, Add	265.34	
			For 12 Gauge Frame, Add	403.32	
08 12 13 13-0159	EA	4' x >7'-2"	Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,348.83	124.77
			For Auxiliary Frame Reinforcement For Hinges, Add	164.89	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	131.91	
			For Type 304 Stainless Steel Frame, Add	1,991.16	
			For Type 316 Stainless Steel Frame, Add	2,320.95	
			For Baked Enamel Finish, Add	367.22	
			For 18 Gauge Frame, Deduct	-109.93	
			For 14 Gauge Frame, Add	274.82	
			For 12 Gauge Frame, Add	417.72	



Openings			08	08
Doors and Frames			08 10	
Metal Frames			08 12	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0160	EA		5' x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	1,397.59	130.20
			For Auxiliary Frame Reinforcement For Hinges, Add	170.58	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	136.46	
			For Type 304 Stainless Steel Frame, Add	2,059.94	
			For Type 316 Stainless Steel Frame, Add	2,401.10	
			For Baked Enamel Finish, Add	380.22	
			For 18 Gauge Frame, Deduct	-113.72	
			For 14 Gauge Frame, Add	284.30	
			For 12 Gauge Frame, Add	432.13	
08 12 13 13-0161	EA		5'-4" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	1,408.43	135.63
			For Auxiliary Frame Reinforcement For Hinges, Add	170.58	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	136.46	
			For Type 304 Stainless Steel Frame, Add	2,060.49	
			For Type 316 Stainless Steel Frame, Add	2,401.64	
			For Baked Enamel Finish, Add	381.84	
			For 18 Gauge Frame, Deduct	-113.72	
			For 14 Gauge Frame, Add	284.30	
			For 12 Gauge Frame, Add	432.13	
08 12 13 13-0162	EA		5'-8" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	1,432.81	138.34
			For Auxiliary Frame Reinforcement For Hinges, Add	173.42	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	138.74	
			For Type 304 Stainless Steel Frame, Add	2,094.87	
			For Type 316 Stainless Steel Frame, Add	2,441.71	
			For Baked Enamel Finish, Add	388.34	
			For 18 Gauge Frame, Deduct	-115.61	
			For 14 Gauge Frame, Add	289.03	
			For 12 Gauge Frame, Add	439.33	
08 12 13 13-0163	EA		6' x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	1,457.19	141.05
			For Auxiliary Frame Reinforcement For Hinges, Add	176.26	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	141.01	
			For Type 304 Stainless Steel Frame, Add	2,129.25	
			For Type 316 Stainless Steel Frame, Add	2,481.77	
			For Baked Enamel Finish, Add	394.84	
			For 18 Gauge Frame, Deduct	-117.51	
			For 14 Gauge Frame, Add	293.77	
			For 12 Gauge Frame, Add	446.53	
08 12 13 13-0164	EA		7' x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	1,538.41	143.77
			For Auxiliary Frame Reinforcement For Hinges, Add	187.63	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	150.11	
			For Type 304 Stainless Steel Frame, Add	2,265.96	
			For Type 316 Stainless Steel Frame, Add	2,641.22	
			For Baked Enamel Finish, Add	418.39	
			For 18 Gauge Frame, Deduct	-125.09	
			For 14 Gauge Frame, Add	312.72	
			For 12 Gauge Frame, Add	475.33	
08 12 13 13-0165	EA		8' x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	1,619.66	146.48
			For Auxiliary Frame Reinforcement For Hinges, Add	199.01	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	159.20	
			For Type 304 Stainless Steel Frame, Add	2,402.71	
			For Type 316 Stainless Steel Frame, Add	2,800.72	
			For Baked Enamel Finish, Add	441.95	
			For 18 Gauge Frame, Deduct	-132.67	
			For 14 Gauge Frame, Add	331.68	
			For 12 Gauge Frame, Add	504.15	
08 12 13 13-0166			Sidelights And Transoms (08 12 13 13)		
			Note: For non-rated or fire rated frame assemblies		
08 12 13 13-0167			Fixed Steel Transoms (08 12 13 13-0166)		
			Note: Excludes glazing. See CSI section 08 80 00 00-0000 for glazing.		
08 12 13 13-0168	SF		4-3/4" Deep, 16 Gauge Frame, Fixed Steel Transom.....	94.82	15.19
			For Movable Frame, Add	18.96	
			For 18 Gauge Frame, Deduct	-6.44	
			For 14 Gauge Frame, Add	16.11	
			For 12 Gauge Frame, Add	24.48	
08 12 13 13-0169	SF		5-3/4" Deep, 16 Gauge Frame, Fixed Steel Transom.....	99.06	15.73
			For Movable Frame, Add	19.81	
			For 18 Gauge Frame, Deduct	-6.76	
			For 14 Gauge Frame, Add	16.90	
			For 12 Gauge Frame, Add	25.69	
08 12 13 13-0170	SF		6-3/4" Deep, 16 Gauge Frame, Fixed Steel Transom.....	103.55	16.28
			For Movable Frame, Add	20.71	
			For 18 Gauge Frame, Deduct	-7.10	
			For 14 Gauge Frame, Add	17.75	
			For 12 Gauge Frame, Add	26.98	
08 12 13 13-0171			Operable Steel Transom Sash (08 12 13 13-0166)		
			Note: Includes hardware.		

08 Openings**08 10 Doors and Frames****08 12 Metal Frames**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0172	SF	4-3/4" Deep, 16 Gauge Frame, Operable Steel Transom Sash..... <i>For 18 Gauge Frame, Deduct</i> <i>For 14 Gauge Frame, Add</i> <i>For 12 Gauge Frame, Add</i>	138.34 -10.80 26.99 41.02	15.19
08 12 13 13-0173	SF	5-3/4" Deep, 16 Gauge Frame, Operable Steel Transom Sash..... <i>For 18 Gauge Frame, Deduct</i> <i>For 14 Gauge Frame, Add</i> <i>For 12 Gauge Frame, Add</i>	144.82 -11.34 28.34 43.08	15.73
08 12 13 13-0174	SF	6-3/4" Deep, 16 Gauge Frame, Operable Steel Transom Sash..... <i>For 18 Gauge Frame, Deduct</i> <i>For 14 Gauge Frame, Add</i> <i>For 12 Gauge Frame, Add</i>	151.57 -11.90 29.76 45.23	16.28
08 12 13 13-0175		Sidelights, Steel Frame (08 12 13 13-0166) Note: Excludes glazing. See CSI section 08 80 00 00-0000 for glazing.		
08 12 13 13-0176	SF	4-3/4" Deep Sidelights, 16 Gauge Frame <i>For 18 Gauge Frame, Deduct</i> <i>For 14 Gauge Frame, Add</i> <i>For 12 Gauge Frame, Add</i>	99.62 -6.92 17.37 26.31	15.19
08 12 13 13-0177	SF	5-3/4" Deep Sidelights, 16 Gauge Frame <i>For 18 Gauge Frame, Deduct</i> <i>For 14 Gauge Frame, Add</i> <i>For 12 Gauge Frame, Add</i>	104.16 -7.27 18.18 27.63	15.73
08 12 13 13-0178	SF	6-3/4" Deep Sidelights, 16 Gauge Frame <i>For 18 Gauge Frame, Deduct</i> <i>For 14 Gauge Frame, Add</i> <i>For 12 Gauge Frame, Add</i>	108.86 -7.63 19.08 29.00	16.28
08 12 13 13-0179		Sundry Hollow Metal Frame Sections (08 12 13 13) Note: For non-rated or fire rated frame assemblies		
08 12 13 13-0180		16 Gauge, Hollow Metal Frame Vertical Mullions (08 12 13 13-0179)		
08 12 13 13-0181	LF	4-3/4" x 1-3/4", 16 Gauge, Hollow Metal Frame Vertical Mullion <i>For 18 Gauge Frame, Deduct</i> <i>For 14 Gauge Frame, Add</i> <i>For 12 Gauge Frame, Add</i> <i>For 3 Hour Frame, Add</i> <i>For 1-1/2 Hour Frame, Add</i> <i>For 3/4 Hour Frame, Add</i>	37.54 -2.23 5.57 8.46 8.00 5.00 4.00	6.07
08 12 13 13-0182	LF	4-3/4" x 2", 16 Gauge, Hollow Metal Frame Vertical Mullion..... <i>For 18 Gauge Frame, Deduct</i> <i>For 14 Gauge Frame, Add</i> <i>For 12 Gauge Frame, Add</i> <i>For 3 Hour Frame, Add</i> <i>For 1-1/2 Hour Frame, Add</i> <i>For 3/4 Hour Frame, Add</i>	38.44 -2.32 5.79 8.80 8.00 5.00 4.00	6.07
08 12 13 13-0183	LF	5-1/4" x 1-3/4", 16 Gauge, Hollow Metal Frame Vertical Mullion <i>For 18 Gauge Frame, Deduct</i> <i>For 14 Gauge Frame, Add</i> <i>For 12 Gauge Frame, Add</i> <i>For 3 Hour Frame, Add</i> <i>For 1-1/2 Hour Frame, Add</i> <i>For 3/4 Hour Frame, Add</i>	37.98 -2.23 5.57 8.46 8.00 5.00 4.00	6.29
08 12 13 13-0184	LF	5-1/4" x 2", 16 Gauge, Hollow Metal Frame Vertical Mullion..... <i>For 18 Gauge Frame, Deduct</i> <i>For 14 Gauge Frame, Add</i> <i>For 12 Gauge Frame, Add</i> <i>For 3 Hour Frame, Add</i> <i>For 1-1/2 Hour Frame, Add</i> <i>For 3/4 Hour Frame, Add</i>	39.37 -2.37 5.91 8.99 8.00 5.00 4.00	6.29
08 12 13 13-0185	LF	6-3/4" x 1-3/4", 16 Gauge, Hollow Metal Frame Vertical Mullion <i>For 18 Gauge Frame, Deduct</i> <i>For 14 Gauge Frame, Add</i> <i>For 12 Gauge Frame, Add</i> <i>For 3 Hour Frame, Add</i> <i>For 1-1/2 Hour Frame, Add</i> <i>For 3/4 Hour Frame, Add</i>	39.44 -2.34 5.84 8.88 8.00 5.00 4.00	6.41
08 12 13 13-0186	LF	6-3/4" x 2", 16 Gauge, Hollow Metal Frame Vertical Mullion..... <i>For 18 Gauge Frame, Deduct</i> <i>For 14 Gauge Frame, Add</i> <i>For 12 Gauge Frame, Add</i> <i>For 3 Hour Frame, Add</i> <i>For 1-1/2 Hour Frame, Add</i> <i>For 3/4 Hour Frame, Add</i>	39.98 -2.39 5.98 9.09 8.00 5.00 4.00	6.41
08 12 13 13-0187		16 Gauge, Hollow Metal Frame Horizontal Rails (08 12 13 13-0179)		
08 12 13 13-0188	LF	4-3/4" x 1-3/4", 16 Gauge, Hollow Metal Frame Horizontal Rail <i>For 18 Gauge Frame, Deduct</i> <i>For 14 Gauge Frame, Add</i> <i>For 12 Gauge Frame, Add</i> <i>For 3 Hour Frame, Add</i> <i>For 1-1/2 Hour Frame, Add</i> <i>For 3/4 Hour Frame, Add</i>	26.41 -1.11 2.78 4.23 8.00 5.00 4.00	6.07



		Openings	08	08
		Doors and Frames	08 10	
		Metal Frames	08 12	

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM DESCRIPTION	UNIT	COST	UNIT COST
08 12 13 13-0189	LF 4-3/4" x 2", 16 Gauge, Hollow Metal Frame Horizontal Rail..... For 18 Gauge Frame, Deduct For 14 Gauge Frame, Add For 12 Gauge Frame, Add For 3 Hour Frame, Add For 1-1/2 Hour Frame, Add For 3/4 Hour Frame, Add		27.55 -1.23 3.07 4.66 8.00 5.00 4.00	6.07
08 12 13 13-0190	LF 5-1/4" x 1-3/4", 16 Gauge, Hollow Metal Frame Horizontal Rail For 18 Gauge Frame, Deduct For 14 Gauge Frame, Add For 12 Gauge Frame, Add For 3 Hour Frame, Add For 1-1/2 Hour Frame, Add For 3/4 Hour Frame, Add		26.85 -1.11 2.78 4.23 8.00 5.00 4.00	6.29
08 12 13 13-0191	LF 5-1/4" x 2", 16 Gauge, Hollow Metal Frame Horizontal Rail..... For 18 Gauge Frame, Deduct For 14 Gauge Frame, Add For 12 Gauge Frame, Add For 3 Hour Frame, Add For 1-1/2 Hour Frame, Add For 3/4 Hour Frame, Add		27.99 -1.23 3.07 4.66 8.00 5.00 4.00	6.29
08 12 13 13-0192	LF 6-3/4" x 1-3/4", 16 Gauge, Hollow Metal Frame Horizontal Rail For 18 Gauge Frame, Deduct For 14 Gauge Frame, Add For 12 Gauge Frame, Add For 3 Hour Frame, Add For 1-1/2 Hour Frame, Add For 3/4 Hour Frame, Add		27.76 -1.17 2.92 4.44 8.00 5.00 4.00	6.41
08 12 13 13-0193	LF 6-3/4" x 2", 16 Gauge, Hollow Metal Frame Horizontal Rail..... For 18 Gauge Frame, Deduct For 14 Gauge Frame, Add For 12 Gauge Frame, Add For 3 Hour Frame, Add For 1-1/2 Hour Frame, Add For 3/4 Hour Frame, Add		28.75 -1.27 3.17 4.82 8.00 5.00 4.00	6.41
08 12 13 13-0194	16 Gauge, Hollow Metal Frame Keyed Removable Vertical Mullions (08 12 13-0179)			
08 12 13 13-0195	EA 4-3/4" x 1-3/4" x 7'-6", 16 Gauge, Hollow Metal Frame Keyed Removable Vertical Mullion For 18 Gauge Frame, Deduct For 14 Gauge Frame, Add For 12 Gauge Frame, Add		989.77 -88.34 220.86 335.71	42.53
08 12 13 13-0196	EA 4-3/4" x 2" x 7'-6", 16 Gauge, Hollow Metal Frame Keyed Removable Vertical Mullion For 18 Gauge Frame, Deduct For 14 Gauge Frame, Add For 12 Gauge Frame, Add		1,025.00 -91.87 229.67 349.09	42.53
08 12 13 13-0197	EA 5-1/4" x 1-3/4" x 7'-6", 16 Gauge, Hollow Metal Frame Keyed Removable Vertical Mullion For 18 Gauge Frame, Deduct For 14 Gauge Frame, Add For 12 Gauge Frame, Add For 3 Hour Frame, Add For 1-1/2 Hour Frame, Add For 3/4 Hour Frame, Add		1,135.23 -102.56 256.41 389.74 56.00 36.00 28.00	44.49
08 12 13 13-0198	EA 5-1/4" x 2" x 7'-6", 16 Gauge, Hollow Metal Frame Keyed Removable Vertical Mullion For 18 Gauge Frame, Deduct For 14 Gauge Frame, Add For 12 Gauge Frame, Add For 3 Hour Frame, Add For 1-1/2 Hour Frame, Add For 3/4 Hour Frame, Add		1,166.69 -105.71 264.28 401.70 56.00 36.00 28.00	44.49
08 12 13 13-0199	EA 6-3/4" x 1-3/4" x 7'-6", 16 Gauge, Hollow Metal Frame Keyed Removable Vertical Mullion For 18 Gauge Frame, Deduct For 14 Gauge Frame, Add For 12 Gauge Frame, Add For 3 Hour Frame, Add For 1-1/2 Hour Frame, Add For 3/4 Hour Frame, Add		1,319.53 -120.56 301.40 458.13 56.00 36.00 28.00	45.57
08 12 13 13-0200	EA 6-3/4" x 2" x 7'-6", 16 Gauge, Hollow Metal Frame Keyed Removable Vertical Mullion For 18 Gauge Frame, Deduct For 14 Gauge Frame, Add For 12 Gauge Frame, Add For 3 Hour Frame, Add For 1-1/2 Hour Frame, Add For 3/4 Hour Frame, Add		1,340.93 -122.70 306.75 466.26 56.00 36.00 28.00	45.57
08 12 13 13-0201	Metal Frames Accessories (08 12 13 13)			
08 12 13 13-0202	EA For 1' Extension Of New Door Frame		39.95	
08 12 16	Aluminum Frames (08 12)			
08 12 16 00-0001	Two Piece Aluminum Door Frames (08 12 16)			
08 12 16 00-0002	4-1/8" x 3/8" Two Piece Aluminum Door Frames (08 12 16 00-0001)			

08	08	Openings
	08 10	Doors and Frames
	08 12	Metal Frames



MINOR				TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION				UNIT COST	UNIT COST
08 12 16 00-0003	EA	Two Piece Aluminum Door Frame, 2'-2" x 6'-9" Opening 4-1/8" x 3/8" x 1/8" With Semicircular Head	2,868.89	59.67	
08 12 16 00-0004	EA	Two Piece Aluminum Door Frame, 2'-6" x 6'-9" Opening 4-1/8" x 3/8" x 1/8" With Semicircular Head	2,868.89	59.67	
08 12 16 00-0005		4-3/4" x 1-3/8" Two Piece Aluminum Door Frames (08 12 16 00-0001)			
08 12 16 00-0006	EA	Two Piece Aluminum Door Frame, 2'-2" x 6'-9" Opening 4-3/4" x 1-3/8" x 1/8" With Semicircular Head	2,868.89	59.67	
08 12 16 00-0007	EA	Two Piece Aluminum Door Frame Piece Aluminum Door Frame, 2'-6" x 6'-9" Opening 4-3/4" x 1-3/8" x 1/8" With Semicircular Head	2,868.89	59.67	
08 13 Metal Doors (08 10)					
Note: Includes machining for all hardware. Excludes frames, finish hardware. See CSI section 08 70 00 00-0000 for finish hardware.					
08 13 13		Hollow Metal Doors (08 13)			
08 13 13 13		Standard Hollow Metal Doors (08 13 13)			
Note: Hollow Metal Doors are full flush, fabricated from cold rolled steel conforming to ASTM A1008, honeycomb core, interlocking mechanical vertical edge seam, with epoxy baked-on primer. Galvanized steel doors are fabricated from a carbon steel sheet and coated with zinc on two sides by the continuous hot-dip process. Hollow Metal Doors are organized by the following levels: 20 Gauge, Level 1 Standard Duty; 18 Gauge, Level 2 Heavy Duty; 16 Gauge, Level 3 Extra Heavy Duty; 14 Gauge, Level 4 Maximum Duty.					
08 13 13 13-0001		20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Doors (08 13 13 13)			
08 13 13 13-0002		6'-8" High, 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Doors (08 13 13 13-0001)			
08 13 13 13-0003	EA	2' x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	632.57	59.67	
		For Galvanized Steel Door, Add	102.64		
		For Type 304 Stainless Steel Door, Add	410.57		
		For Type 316 Stainless Steel Door, Add	667.17		
		For Embossed Panel Door, Add	123.17		
		For Baked Enamel Finish, Add	171.87		
		For 20 Minute Fire Rated Door, Add	27.63		
		For 45 Minute Fire Rated Door, Add	41.40		
		For 60 Minute Fire Rated Door, Add	55.27		
		For 90 Minute Fire Rated Door, Add	93.38		
		For 3 Hour Fire Rated Door, Add	131.50		
		For >50 To 100, Deduct	-34.61		
		For >100, Deduct	-50.43		
		For Polystyrene Core, Add	51.32		
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	128.30		
		For Continuously Welded And Filled Vertical Edge Seam, Add	64.15		
08 13 13 13-0004	EA	2'-4" x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	632.57	59.67	
		For Galvanized Steel Door, Add	102.64		
		For Type 304 Stainless Steel Door, Add	410.57		
		For Type 316 Stainless Steel Door, Add	667.17		
		For Embossed Panel Door, Add	123.17		
		For Baked Enamel Finish, Add	171.87		
		For 20 Minute Fire Rated Door, Add	27.63		
		For 45 Minute Fire Rated Door, Add	41.40		
		For 60 Minute Fire Rated Door, Add	55.27		
		For 90 Minute Fire Rated Door, Add	93.38		
		For 3 Hour Fire Rated Door, Add	131.50		
		For >50 To 100, Deduct	-34.61		
		For >100, Deduct	-50.43		
		For Polystyrene Core, Add	51.32		
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	128.30		
		For Continuously Welded And Filled Vertical Edge Seam, Add	64.15		
08 13 13 13-0005	EA	2'-6" x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	648.48	62.39	
		For Galvanized Steel Door, Add	104.74		
		For Type 304 Stainless Steel Door, Add	418.97		
		For Type 316 Stainless Steel Door, Add	680.82		
		For Embossed Panel Door, Add	125.69		
		For Baked Enamel Finish, Add	175.83		
		For 20 Minute Fire Rated Door, Add	27.63		
		For 45 Minute Fire Rated Door, Add	41.40		
		For 60 Minute Fire Rated Door, Add	55.27		
		For 90 Minute Fire Rated Door, Add	93.38		
		For 3 Hour Fire Rated Door, Add	131.50		
		For >50 To 100, Deduct	-35.54		
		For >100, Deduct	-51.76		
		For Polystyrene Core, Add	52.37		
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	130.93		
		For Continuously Welded And Filled Vertical Edge Seam, Add	65.46		



Openings			08	08
Doors and Frames			08 10	
Metal Doors			08 13	

MINOR		DESCRIPTION	TOTAL DIRECT	DEMOLITION
CSI	UOM		UNIT COST	UNIT COST
08 13 13 13-0006	EA	2'-8" x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	656.29	62.39
		For Galvanized Steel Door, Add	106.30	
		For Type 304 Stainless Steel Door, Add	425.22	
		For Type 316 Stainless Steel Door, Add	690.98	
		For Embossed Panel Door, Add	127.56	
		For Baked Enamel Finish, Add	178.17	
		For 20 Minute Fire Rated Door, Add	27.63	
		For 45 Minute Fire Rated Door, Add	41.40	
		For 60 Minute Fire Rated Door, Add	55.27	
		For 90 Minute Fire Rated Door, Add	93.38	
		For 3 Hour Fire Rated Door, Add	131.50	
		For >50 To 100, Deduct	-35.93	
		For >100, Deduct	-52.34	
		For Polystyrene Core, Add	53.15	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	132.88	
		For Continuously Welded And Filled Vertical Edge Seam, Add	66.44	
08 13 13 13-0007	EA	2'-10" x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	662.14	63.74
		For Galvanized Steel Door, Add	106.93	
		For Type 304 Stainless Steel Door, Add	427.72	
		For Type 316 Stainless Steel Door, Add	695.05	
		For Embossed Panel Door, Add	128.32	
		For Baked Enamel Finish, Add	179.52	
		For 20 Minute Fire Rated Door, Add	27.63	
		For 45 Minute Fire Rated Door, Add	41.40	
		For 60 Minute Fire Rated Door, Add	55.27	
		For 90 Minute Fire Rated Door, Add	93.38	
		For 3 Hour Fire Rated Door, Add	131.50	
		For >50 To 100, Deduct	-36.29	
		For >100, Deduct	-52.65	
		For Polystyrene Core, Add	53.47	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	133.66	
		For Continuously Welded And Filled Vertical Edge Seam, Add	66.83	
08 13 13 13-0008	EA	3' x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	667.98	65.10
		For Galvanized Steel Door, Add	107.56	
		For Type 304 Stainless Steel Door, Add	430.22	
		For Type 316 Stainless Steel Door, Add	699.11	
		For Embossed Panel Door, Add	129.07	
		For Baked Enamel Finish, Add	180.86	
		For 20 Minute Fire Rated Door, Add	27.63	
		For 45 Minute Fire Rated Door, Add	41.40	
		For 60 Minute Fire Rated Door, Add	55.27	
		For 90 Minute Fire Rated Door, Add	93.38	
		For 3 Hour Fire Rated Door, Add	131.50	
		For >50 To 100, Deduct	-36.65	
		For >100, Deduct	-53.35	
		For Polystyrene Core, Add	53.78	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	134.45	
		For Continuously Welded And Filled Vertical Edge Seam, Add	67.22	
08 13 13 13-0009	EA	3'-4" x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	708.62	65.10
		For Galvanized Steel Door, Add	115.68	
		For Type 304 Stainless Steel Door, Add	462.74	
		For Type 316 Stainless Steel Door, Add	751.95	
		For Embossed Panel Door, Add	138.82	
		For Baked Enamel Finish, Add	193.06	
		For 20 Minute Fire Rated Door, Add	27.63	
		For 45 Minute Fire Rated Door, Add	41.40	
		For 60 Minute Fire Rated Door, Add	55.27	
		For 90 Minute Fire Rated Door, Add	93.38	
		For 3 Hour Fire Rated Door, Add	131.50	
		For >50 To 100, Deduct	-38.69	
		For >100, Deduct	-56.40	
		For Polystyrene Core, Add	57.84	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	144.61	
		For Continuously Welded And Filled Vertical Edge Seam, Add	72.30	
08 13 13 13-0010	EA	3'-6" x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	729.68	67.81
		For Galvanized Steel Door, Add	118.81	
		For Type 304 Stainless Steel Door, Add	475.24	
		For Type 316 Stainless Steel Door, Add	772.27	
		For Embossed Panel Door, Add	142.57	
		For Baked Enamel Finish, Add	198.56	
		For 20 Minute Fire Rated Door, Add	27.63	
		For 45 Minute Fire Rated Door, Add	41.40	
		For 60 Minute Fire Rated Door, Add	55.27	
		For 90 Minute Fire Rated Door, Add	93.38	
		For 3 Hour Fire Rated Door, Add	131.50	
		For >50 To 100, Deduct	-39.87	
		For >100, Deduct	-58.12	
		For Polystyrene Core, Add	59.41	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	148.51	
		For Continuously Welded And Filled Vertical Edge Seam, Add	74.26	

08 Openings**08 10 Doors and Frames****08 13 Metal Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13	13-0011	EA	4' x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	803.07	73.24
			For Galvanized Steel Door, Add	131.32	
			For Type 304 Stainless Steel Door, Add	525.27	
			For Type 316 Stainless Steel Door, Add	853.57	
			For Embossed Panel Door, Add	157.58	
			For Baked Enamel Finish, Add	218.95	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-43.82	
			For >100, Deduct	-63.89	
			For Polystyrene Core, Add	65.66	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	164.15	
			For Continuously Welded And Filled Vertical Edge Seam, Add	82.07	
08 13 13	13-0012		7' High, 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Doors (08 13 13 13-0001)		
08 13 13	13-0013	EA	2' x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	646.02	59.67
			For Galvanized Steel Door, Add	105.33	
			For Type 304 Stainless Steel Door, Add	421.33	
			For Type 316 Stainless Steel Door, Add	684.66	
			For Embossed Panel Door, Add	126.40	
			For Baked Enamel Finish, Add	175.90	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-35.29	
			For >100, Deduct	-51.44	
			For Polystyrene Core, Add	52.67	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	131.67	
			For Continuously Welded And Filled Vertical Edge Seam, Add	65.83	
08 13 13	13-0014	EA	2'-4" x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	646.02	59.67
			For Galvanized Steel Door, Add	105.33	
			For Type 304 Stainless Steel Door, Add	421.33	
			For Type 316 Stainless Steel Door, Add	684.66	
			For Embossed Panel Door, Add	126.40	
			For Baked Enamel Finish, Add	175.90	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-35.29	
			For >100, Deduct	-51.44	
			For Polystyrene Core, Add	52.67	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	131.67	
			For Continuously Welded And Filled Vertical Edge Seam, Add	65.83	
08 13 13	13-0015	EA	2'-6" x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	662.20	62.39
			For Galvanized Steel Door, Add	107.49	
			For Type 304 Stainless Steel Door, Add	429.94	
			For Type 316 Stainless Steel Door, Add	698.66	
			For Embossed Panel Door, Add	128.98	
			For Baked Enamel Finish, Add	179.94	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-36.23	
			For >100, Deduct	-52.78	
			For Polystyrene Core, Add	53.74	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	134.36	
			For Continuously Welded And Filled Vertical Edge Seam, Add	67.18	
08 13 13	13-0016	EA	2'-8" x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	670.22	62.39
			For Galvanized Steel Door, Add	109.09	
			For Type 304 Stainless Steel Door, Add	436.36	
			For Type 316 Stainless Steel Door, Add	709.09	
			For Embossed Panel Door, Add	130.91	
			For Baked Enamel Finish, Add	182.35	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-36.63	
			For >100, Deduct	-53.39	
			For Polystyrene Core, Add	54.55	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	136.36	
			For Continuously Welded And Filled Vertical Edge Seam, Add	68.18	



Openings			08	08
Doors and Frames			08 10	
Metal Doors			08 13	

MINOR		DESCRIPTION	TOTAL DIRECT	DEMOLITION
CSI	UOM		UNIT COST	UNIT COST
08 13 13 13-0017	EA	2'-10" x 7" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	676.15	63.74
		For Galvanized Steel Door, Add	109.73	
		For Type 304 Stainless Steel Door, Add	438.93	
		For Type 316 Stainless Steel Door, Add	713.26	
		For Embossed Panel Door, Add	131.68	
		For Baked Enamel Finish, Add	183.72	
		For 20 Minute Fire Rated Door, Add	27.63	
		For 45 Minute Fire Rated Door, Add	41.40	
		For 60 Minute Fire Rated Door, Add	55.27	
		For 90 Minute Fire Rated Door, Add	93.38	
		For 3 Hour Fire Rated Door, Add	131.50	
		For >50 To 100, Deduct	-36.99	
		For >100, Deduct	53.90	
		For Polystyrene Core, Add	54.87	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	137.17	
		For Continuously Welded And Filled Vertical Edge Seam, Add	68.58	
08 13 13 13-0018	EA	3' x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	682.06	65.10
		For Galvanized Steel Door, Add	110.37	
		For Type 304 Stainless Steel Door, Add	441.49	
		For Type 316 Stainless Steel Door, Add	717.42	
		For Embossed Panel Door, Add	132.45	
		For Baked Enamel Finish, Add	185.09	
		For 20 Minute Fire Rated Door, Add	27.63	
		For 45 Minute Fire Rated Door, Add	41.40	
		For 60 Minute Fire Rated Door, Add	55.27	
		For 90 Minute Fire Rated Door, Add	93.38	
		For 3 Hour Fire Rated Door, Add	131.50	
		For >50 To 100, Deduct	-37.36	
		For >100, Deduct	-54.41	
		For Polystyrene Core, Add	55.19	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	137.97	
		For Continuously Welded And Filled Vertical Edge Seam, Add	68.98	
08 13 13 13-0019	EA	3'-4" x 7" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	723.78	65.10
		For Galvanized Steel Door, Add	118.72	
		For Type 304 Stainless Steel Door, Add	474.86	
		For Type 316 Stainless Steel Door, Add	771.65	
		For Embossed Panel Door, Add	142.46	
		For Baked Enamel Finish, Add	197.60	
		For 20 Minute Fire Rated Door, Add	27.63	
		For 45 Minute Fire Rated Door, Add	41.40	
		For 60 Minute Fire Rated Door, Add	55.27	
		For 90 Minute Fire Rated Door, Add	93.38	
		For 3 Hour Fire Rated Door, Add	131.50	
		For >50 To 100, Deduct	-39.44	
		For >100, Deduct	-57.54	
		For Polystyrene Core, Add	59.36	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	148.40	
		For Continuously Welded And Filled Vertical Edge Seam, Add	74.20	
08 13 13 13-0020	EA	3'-6" x 7" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	745.25	67.81
		For Galvanized Steel Door, Add	121.92	
		For Type 304 Stainless Steel Door, Add	487.70	
		For Type 316 Stainless Steel Door, Add	792.51	
		For Embossed Panel Door, Add	146.31	
		For Baked Enamel Finish, Add	203.23	
		For 20 Minute Fire Rated Door, Add	27.63	
		For 45 Minute Fire Rated Door, Add	41.40	
		For 60 Minute Fire Rated Door, Add	55.27	
		For 90 Minute Fire Rated Door, Add	93.38	
		For 3 Hour Fire Rated Door, Add	131.50	
		For >50 To 100, Deduct	-40.65	
		For >100, Deduct	-59.28	
		For Polystyrene Core, Add	60.96	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	152.41	
		For Continuously Welded And Filled Vertical Edge Seam, Add	76.20	
08 13 13 13-0021	EA	4' x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	820.27	73.24
		For Galvanized Steel Door, Add	134.76	
		For Type 304 Stainless Steel Door, Add	539.03	
		For Type 316 Stainless Steel Door, Add	875.93	
		For Embossed Panel Door, Add	161.71	
		For Baked Enamel Finish, Add	224.11	
		For 20 Minute Fire Rated Door, Add	27.63	
		For 45 Minute Fire Rated Door, Add	41.40	
		For 60 Minute Fire Rated Door, Add	55.27	
		For 90 Minute Fire Rated Door, Add	93.38	
		For 3 Hour Fire Rated Door, Add	131.50	
		For >50 To 100, Deduct	-44.68	
		For >100, Deduct	-65.18	
		For Polystyrene Core, Add	67.38	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	168.45	
		For Continuously Welded And Filled Vertical Edge Seam, Add	84.22	
08 13 13 13-0022		7'-2" High, 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Doors (08 13 13 13-0001)		

08 Openings**08 10 Doors and Frames****08 13 Metal Doors**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 13 13 13-0023	EA 2' x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door.....	659.08	59.67
	For Galvanized Steel Door, Add	107.94	
	For Type 304 Stainless Steel Door, Add	431.78	
	For Type 316 Stainless Steel Door, Add	701.64	
	For Embossed Panel Door, Add	129.53	
	For Baked Enamel Finish, Add	179.82	
	For 20 Minute Fire Rated Door, Add	27.63	
	For 45 Minute Fire Rated Door, Add	41.40	
	For 60 Minute Fire Rated Door, Add	55.27	
	For 90 Minute Fire Rated Door, Add	93.38	
	For 3 Hour Fire Rated Door, Add	131.50	
	For >50 To 100, Deduct	-35.94	
	For >100, Deduct	-52.42	
	For Polystyrene Core, Add	53.97	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	134.93	
	For Continuously Welded And Filled Vertical Edge Seam, Add	67.47	
08 13 13 13-0024	EA 2'-4" x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door.....	659.08	59.67
	For Galvanized Steel Door, Add	107.94	
	For Type 304 Stainless Steel Door, Add	431.78	
	For Type 316 Stainless Steel Door, Add	701.64	
	For Embossed Panel Door, Add	129.53	
	For Baked Enamel Finish, Add	179.82	
	For 20 Minute Fire Rated Door, Add	27.63	
	For 45 Minute Fire Rated Door, Add	41.40	
	For 60 Minute Fire Rated Door, Add	55.27	
	For 90 Minute Fire Rated Door, Add	93.38	
	For 3 Hour Fire Rated Door, Add	131.50	
	For >50 To 100, Deduct	-35.94	
	For >100, Deduct	-52.42	
	For Polystyrene Core, Add	53.97	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	134.93	
	For Continuously Welded And Filled Vertical Edge Seam, Add	67.47	
08 13 13 13-0025	EA 2'-6" x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door.....	675.53	62.39
	For Galvanized Steel Door, Add	110.15	
	For Type 304 Stainless Steel Door, Add	440.61	
	For Type 316 Stainless Steel Door, Add	715.99	
	For Embossed Panel Door, Add	132.18	
	For Baked Enamel Finish, Add	183.94	
	For 20 Minute Fire Rated Door, Add	27.63	
	For 45 Minute Fire Rated Door, Add	41.40	
	For 60 Minute Fire Rated Door, Add	55.27	
	For 90 Minute Fire Rated Door, Add	93.38	
	For 3 Hour Fire Rated Door, Add	131.50	
	For >50 To 100, Deduct	-36.90	
	For >100, Deduct	-53.78	
	For Polystyrene Core, Add	55.08	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	137.69	
	For Continuously Welded And Filled Vertical Edge Seam, Add	68.85	
08 13 13 13-0026	EA 2'-8" x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door.....	683.75	62.39
	For Galvanized Steel Door, Add	111.80	
	For Type 304 Stainless Steel Door, Add	447.18	
	For Type 316 Stainless Steel Door, Add	726.67	
	For Embossed Panel Door, Add	134.16	
	For Baked Enamel Finish, Add	186.41	
	For 20 Minute Fire Rated Door, Add	27.63	
	For 45 Minute Fire Rated Door, Add	41.40	
	For 60 Minute Fire Rated Door, Add	55.27	
	For 90 Minute Fire Rated Door, Add	93.38	
	For 3 Hour Fire Rated Door, Add	131.50	
	For >50 To 100, Deduct	-37.31	
	For >100, Deduct	-54.40	
	For Polystyrene Core, Add	55.90	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	139.75	
	For Continuously Welded And Filled Vertical Edge Seam, Add	69.87	
08 13 13 13-0027	EA 2'-10" x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door.....	689.75	63.74
	For Galvanized Steel Door, Add	112.45	
	For Type 304 Stainless Steel Door, Add	449.81	
	For Type 316 Stainless Steel Door, Add	730.94	
	For Embossed Panel Door, Add	134.94	
	For Baked Enamel Finish, Add	187.80	
	For 20 Minute Fire Rated Door, Add	27.63	
	For 45 Minute Fire Rated Door, Add	41.40	
	For 60 Minute Fire Rated Door, Add	55.27	
	For 90 Minute Fire Rated Door, Add	93.38	
	For 3 Hour Fire Rated Door, Add	131.50	
	For >50 To 100, Deduct	-37.67	
	For >100, Deduct	-54.92	
	For Polystyrene Core, Add	56.23	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	140.57	
	For Continuously Welded And Filled Vertical Edge Seam, Add	70.28	



Openings			08	08
Doors and Frames			08 10	
Metal Doors			08 13	

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM DESCRIPTION	UNIT COST		UNIT COST	
08 13 13 13-0028	EA 3' x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	695.75		65.10	
	For Galvanized Steel Door, Add	113.11			
	For Type 304 Stainless Steel Door, Add	452.44			
	For Type 316 Stainless Steel Door, Add	735.22			
	For Embossed Panel Door, Add	135.73			
	For Baked Enamel Finish, Add	189.20			
	For 20 Minute Fire Rated Door, Add	27.63			
	For 45 Minute Fire Rated Door, Add	41.40			
	For 60 Minute Fire Rated Door, Add	55.27			
	For 90 Minute Fire Rated Door, Add	93.38			
	For 3 Hour Fire Rated Door, Add	131.50			
	For >50 To 100, Deduct	-38.04			
	For >100, Deduct	-55.44			
	For Polystyrene Core, Add	56.56			
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	141.39			
	For Continuously Welded And Filled Vertical Edge Seam, Add	70.69			
08 13 13 13-0029	EA 3'-4" x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	738.50		65.10	
	For Galvanized Steel Door, Add	121.66			
	For Type 304 Stainless Steel Door, Add	486.64			
	For Type 316 Stainless Steel Door, Add	790.79			
	For Embossed Panel Door, Add	145.99			
	For Baked Enamel Finish, Add	202.02			
	For 20 Minute Fire Rated Door, Add	27.63			
	For 45 Minute Fire Rated Door, Add	41.40			
	For 60 Minute Fire Rated Door, Add	55.27			
	For 90 Minute Fire Rated Door, Add	93.38			
	For 3 Hour Fire Rated Door, Add	131.50			
	For >50 To 100, Deduct	-40.18			
	For >100, Deduct	-58.64			
	For Polystyrene Core, Add	60.83			
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	152.08			
	For Continuously Welded And Filled Vertical Edge Seam, Add	76.04			
08 13 13 13-0030	EA 3'-6" x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	760.37		67.81	
	For Galvanized Steel Door, Add	124.95			
	For Type 304 Stainless Steel Door, Add	499.79			
	For Type 316 Stainless Steel Door, Add	812.16			
	For Embossed Panel Door, Add	149.94			
	For Baked Enamel Finish, Add	207.77			
	For 20 Minute Fire Rated Door, Add	27.63			
	For 45 Minute Fire Rated Door, Add	41.40			
	For 60 Minute Fire Rated Door, Add	55.27			
	For 90 Minute Fire Rated Door, Add	93.38			
	For 3 Hour Fire Rated Door, Add	131.50			
	For >50 To 100, Deduct	-41.41			
	For >100, Deduct	-60.42			
	For Polystyrene Core, Add	62.47			
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	156.19			
	For Continuously Welded And Filled Vertical Edge Seam, Add	78.09			
08 13 13 13-0031	EA 4' x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	836.98		73.24	
	For Galvanized Steel Door, Add	138.10			
	For Type 304 Stainless Steel Door, Add	552.40			
	For Type 316 Stainless Steel Door, Add	897.65			
	For Embossed Panel Door, Add	165.72			
	For Baked Enamel Finish, Add	229.12			
	For 20 Minute Fire Rated Door, Add	27.63			
	For 45 Minute Fire Rated Door, Add	41.40			
	For 60 Minute Fire Rated Door, Add	55.27			
	For 90 Minute Fire Rated Door, Add	93.38			
	For 3 Hour Fire Rated Door, Add	131.50			
	For >50 To 100, Deduct	-45.51			
	For >100, Deduct	-66.44			
	For Polystyrene Core, Add	69.05			
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	172.63			
	For Continuously Welded And Filled Vertical Edge Seam, Add	86.31			
08 13 13 13-0032	18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Doors (08 13 13				
08 13 13 13-0033	6'-8" High, 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Doors (08 13 13 13-0032)				

08 Openings**08 10 Doors and Frames****08 13 Metal Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13	13-0034	EA	2' x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	674.09	59.67
			For Galvanized Steel Door, Add	110.95	
			For Type 304 Stainless Steel Door, Add	443.78	
			For Type 316 Stainless Steel Door, Add	721.15	
			For Embossed Panel Door, Add	133.14	
			For Baked Enamel Finish, Add	184.32	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-36.69	
			For >100, Deduct	-53.54	
			For 2" Thick Door, Add	43.20	
			For Polystyrene Core, Add	55.47	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	138.68	
			For Continuously Welded And Filled Vertical Edge Seam, Add	69.34	
			For Steel Stiffened, Add	138.68	
08 13 13	13-0035	EA	2'-4" x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	674.09	59.67
			For Galvanized Steel Door, Add	110.95	
			For Type 304 Stainless Steel Door, Add	443.78	
			For Type 316 Stainless Steel Door, Add	721.15	
			For Embossed Panel Door, Add	133.14	
			For Baked Enamel Finish, Add	184.32	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-36.69	
			For >100, Deduct	-53.54	
			For 2" Thick Door, Add	43.20	
			For Polystyrene Core, Add	55.47	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	138.68	
			For Continuously Welded And Filled Vertical Edge Seam, Add	69.34	
			For Steel Stiffened, Add	138.68	
08 13 13	13-0036	EA	2'-6" x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	690.84	62.39
			For Galvanized Steel Door, Add	113.21	
			For Type 304 Stainless Steel Door, Add	452.86	
			For Type 316 Stainless Steel Door, Add	735.89	
			For Embossed Panel Door, Add	135.86	
			For Baked Enamel Finish, Add	188.54	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-37.66	
			For >100, Deduct	-54.93	
			For 2" Thick Door, Add	44.16	
			For Polystyrene Core, Add	56.61	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	141.52	
			For Continuously Welded And Filled Vertical Edge Seam, Add	70.76	
			For Steel Stiffened, Add	141.52	
08 13 13	13-0037	EA	2'-8" x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	699.29	62.39
			For Galvanized Steel Door, Add	114.90	
			For Type 304 Stainless Steel Door, Add	459.62	
			For Type 316 Stainless Steel Door, Add	746.88	
			For Embossed Panel Door, Add	137.88	
			For Baked Enamel Finish, Add	191.07	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-38.08	
			For >100, Deduct	-55.57	
			For 2" Thick Door, Add	44.77	
			For Polystyrene Core, Add	57.45	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	143.63	
			For Continuously Welded And Filled Vertical Edge Seam, Add	71.82	
			For Steel Stiffened, Add	143.63	



Openings			08	08
Doors and Frames			08 10	
Metal Doors			08 13	

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
08 13 13 13-0038	EA 2'-10" x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door.....	705.38		63.74
	For Galvanized Steel Door, Add	115.58		
	For Type 304 Stainless Steel Door, Add	462.31		
	For Type 316 Stainless Steel Door, Add	751.26		
	For Embossed Panel Door, Add	138.69		
	For Baked Enamel Finish, Add	192.49		
	For 20 Minute Fire Rated Door, Add	27.63		
	For 45 Minute Fire Rated Door, Add	41.40		
	For 60 Minute Fire Rated Door, Add	55.27		
	For 90 Minute Fire Rated Door, Add	93.38		
	For 3 Hour Fire Rated Door, Add	131.50		
	For >50 To 100, Deduct	-38.46		
	For >100, Deduct	-56.09		
	For 2" Thick Door, Add	45.08		
	For Polystyrene Core, Add	57.79		
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	144.47		
	For Continuously Welded And Filled Vertical Edge Seam, Add	72.24		
	For Steel Stiffened, Add	144.47		
08 13 13 13-0039	EA 3' x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door.....	711.48		65.10
	For Galvanized Steel Door, Add	116.26		
	For Type 304 Stainless Steel Door, Add	465.02		
	For Type 316 Stainless Steel Door, Add	755.66		
	For Embossed Panel Door, Add	139.51		
	For Baked Enamel Finish, Add	193.91		
	For 20 Minute Fire Rated Door, Add	27.63		
	For 45 Minute Fire Rated Door, Add	41.40		
	For 60 Minute Fire Rated Door, Add	55.27		
	For 90 Minute Fire Rated Door, Add	93.38		
	For 3 Hour Fire Rated Door, Add	131.50		
	For >50 To 100, Deduct	-38.83		
	For >100, Deduct	-56.62		
	For 2" Thick Door, Add	45.40		
	For Polystyrene Core, Add	58.13		
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	145.32		
	For Continuously Welded And Filled Vertical Edge Seam, Add	72.66		
	For Steel Stiffened, Add	145.32		
08 13 13 13-0040	EA 3'-4" x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door.....	755.42		65.10
	For Galvanized Steel Door, Add	125.04		
	For Type 304 Stainless Steel Door, Add	500.18		
	For Type 316 Stainless Steel Door, Add	812.79		
	For Embossed Panel Door, Add	150.05		
	For Baked Enamel Finish, Add	207.10		
	For 20 Minute Fire Rated Door, Add	27.63		
	For 45 Minute Fire Rated Door, Add	41.40		
	For 60 Minute Fire Rated Door, Add	55.27		
	For 90 Minute Fire Rated Door, Add	93.38		
	For 3 Hour Fire Rated Door, Add	131.50		
	For >50 To 100, Deduct	-41.03		
	For >100, Deduct	-59.91		
	For 2" Thick Door, Add	48.58		
	For Polystyrene Core, Add	62.52		
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	156.31		
	For Continuously Welded And Filled Vertical Edge Seam, Add	78.15		
	For Steel Stiffened, Add	156.31		
08 13 13 13-0041	EA 3'-6" x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door.....	777.74		67.81
	For Galvanized Steel Door, Add	128.42		
	For Type 304 Stainless Steel Door, Add	513.69		
	For Type 316 Stainless Steel Door, Add	834.74		
	For Embossed Panel Door, Add	154.11		
	For Baked Enamel Finish, Add	212.98		
	For 20 Minute Fire Rated Door, Add	27.63		
	For 45 Minute Fire Rated Door, Add	41.40		
	For 60 Minute Fire Rated Door, Add	55.27		
	For 90 Minute Fire Rated Door, Add	93.38		
	For 3 Hour Fire Rated Door, Add	131.50		
	For >50 To 100, Deduct	-42.28		
	For >100, Deduct	-61.72		
	For 2" Thick Door, Add	49.94		
	For Polystyrene Core, Add	64.21		
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	160.53		
	For Continuously Welded And Filled Vertical Edge Seam, Add	80.26		
	For Steel Stiffened, Add	160.53		

08 Openings**08 10 Doors and Frames****08 13 Metal Doors**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 13 13 13-0042	EA 4' x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	856.18	73.24
	For Galvanized Steel Door, Add	141.94	
	For Type 304 Stainless Steel Door, Add	567.76	
	For Type 316 Stainless Steel Door, Add	922.61	
	For Embossed Panel Door, Add	170.33	
	For Baked Enamel Finish, Add	234.88	
	For 20 Minute Fire Rated Door, Add	27.63	
	For 45 Minute Fire Rated Door, Add	41.40	
	For 60 Minute Fire Rated Door, Add	55.27	
	For 90 Minute Fire Rated Door, Add	93.38	
	For 3 Hour Fire Rated Door, Add	131.50	
	For >50 To 100, Deduct	-46.47	
	For >100, Deduct	-67.88	
	For 2" Thick Door, Add	55.12	
	For Polystyrene Core, Add	70.97	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	177.43	
	For Continuously Welded And Filled Vertical Edge Seam, Add	88.71	
	For Steel Stiffened, Add	177.43	

08 13 13 13-0043 7' High, 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Doors (08 13 13 13-0032)

08 13 13 13-0044	EA 2' x 7' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	687.25	59.67
	For Galvanized Steel Door, Add	113.58	
	For Type 304 Stainless Steel Door, Add	454.31	
	For Type 316 Stainless Steel Door, Add	738.26	
	For Embossed Panel Door, Add	136.29	
	For Baked Enamel Finish, Add	188.27	
	For 20 Minute Fire Rated Door, Add	27.63	
	For 45 Minute Fire Rated Door, Add	41.40	
	For 60 Minute Fire Rated Door, Add	55.27	
	For 90 Minute Fire Rated Door, Add	93.38	
	For 3 Hour Fire Rated Door, Add	131.50	
	For >50 To 100, Deduct	-37.35	
	For >100, Deduct	-54.53	
	For 2" Thick Door, Add	44.16	
	For Polystyrene Core, Add	56.79	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	141.97	
	For Continuously Welded And Filled Vertical Edge Seam, Add	70.99	
	For Steel Stiffened, Add	141.97	
08 13 13 13-0045	EA 2'-4" x 7' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	687.25	59.67
	For Galvanized Steel Door, Add	113.58	
	For Type 304 Stainless Steel Door, Add	454.31	
	For Type 316 Stainless Steel Door, Add	738.26	
	For Embossed Panel Door, Add	136.29	
	For Baked Enamel Finish, Add	188.27	
	For 20 Minute Fire Rated Door, Add	27.63	
	For 45 Minute Fire Rated Door, Add	41.40	
	For 60 Minute Fire Rated Door, Add	55.27	
	For 90 Minute Fire Rated Door, Add	93.38	
	For 3 Hour Fire Rated Door, Add	131.50	
	For >50 To 100, Deduct	-37.35	
	For >100, Deduct	-54.53	
	For 2" Thick Door, Add	44.16	
	For Polystyrene Core, Add	56.79	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	141.97	
	For Continuously Welded And Filled Vertical Edge Seam, Add	70.99	
	For Steel Stiffened, Add	141.97	
08 13 13 13-0046	EA 2'-6" x 7' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	704.28	62.39
	For Galvanized Steel Door, Add	115.90	
	For Type 304 Stainless Steel Door, Add	463.61	
	For Type 316 Stainless Steel Door, Add	753.36	
	For Embossed Panel Door, Add	139.08	
	For Baked Enamel Finish, Add	192.57	
	For 20 Minute Fire Rated Door, Add	27.63	
	For 45 Minute Fire Rated Door, Add	41.40	
	For 60 Minute Fire Rated Door, Add	55.27	
	For 90 Minute Fire Rated Door, Add	93.38	
	For 3 Hour Fire Rated Door, Add	131.50	
	For >50 To 100, Deduct	-38.33	
	For >100, Deduct	-55.94	
	For 2" Thick Door, Add	45.13	
	For Polystyrene Core, Add	57.95	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	144.88	
	For Continuously Welded And Filled Vertical Edge Seam, Add	72.44	
	For Steel Stiffened, Add	144.88	



Openings			08	08
Doors and Frames			08 10	
Metal Doors			08 13	

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM DESCRIPTION	UNIT	COST	
08 13 13 13-0047	EA 2'-8" x 7' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door		712.93	62.39
	For Galvanized Steel Door, Add		117.63	
	For Type 304 Stainless Steel Door, Add		470.53	
	For Type 316 Stainless Steel Door, Add		764.61	
	For Embossed Panel Door, Add		141.16	
	For Baked Enamel Finish, Add		195.16	
	For 20 Minute Fire Rated Door, Add		27.63	
	For 45 Minute Fire Rated Door, Add		41.40	
	For 60 Minute Fire Rated Door, Add		55.27	
	For 90 Minute Fire Rated Door, Add		93.38	
	For 3 Hour Fire Rated Door, Add		131.50	
	For >50 To 100, Deduct		-38.77	
	For >100, Deduct		-56.59	
	For 2" Thick Door, Add		45.76	
	For Polystyrene Core, Add		58.82	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add		147.04	
	For Continuously Welded And Filled Vertical Edge Seam, Add		73.52	
	For Steel Stiffened, Add		147.04	
08 13 13 13-0048	EA 2'-10" x 7' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door		719.11	63.74
	For Galvanized Steel Door, Add		118.32	
	For Type 304 Stainless Steel Door, Add		473.30	
	For Type 316 Stainless Steel Door, Add		769.11	
	For Embossed Panel Door, Add		141.99	
	For Baked Enamel Finish, Add		196.61	
	For 20 Minute Fire Rated Door, Add		27.63	
	For 45 Minute Fire Rated Door, Add		41.40	
	For 60 Minute Fire Rated Door, Add		55.27	
	For 90 Minute Fire Rated Door, Add		93.38	
	For 3 Hour Fire Rated Door, Add		131.50	
	For >50 To 100, Deduct		-39.14	
	For >100, Deduct		-57.12	
	For 2" Thick Door, Add		46.08	
	For Polystyrene Core, Add		59.16	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add		147.91	
	For Continuously Welded And Filled Vertical Edge Seam, Add		73.95	
	For Steel Stiffened, Add		147.91	
08 13 13 13-0049	EA 3' x 7' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door		725.27	65.10
	For Galvanized Steel Door, Add		119.01	
	For Type 304 Stainless Steel Door, Add		476.06	
	For Type 316 Stainless Steel Door, Add		773.59	
	For Embossed Panel Door, Add		142.82	
	For Baked Enamel Finish, Add		198.05	
	For 20 Minute Fire Rated Door, Add		27.63	
	For 45 Minute Fire Rated Door, Add		41.40	
	For 60 Minute Fire Rated Door, Add		55.27	
	For 90 Minute Fire Rated Door, Add		93.38	
	For 3 Hour Fire Rated Door, Add		131.50	
	For >50 To 100, Deduct		-39.52	
	For >100, Deduct		-57.65	
	For 2" Thick Door, Add		46.40	
	For Polystyrene Core, Add		59.51	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add		148.77	
	For Continuously Welded And Filled Vertical Edge Seam, Add		74.38	
	For Steel Stiffened, Add		148.77	
08 13 13 13-0050	EA 3'-4" x 7' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door		770.25	65.10
	For Galvanized Steel Door, Add		128.01	
	For Type 304 Stainless Steel Door, Add		512.04	
	For Type 316 Stainless Steel Door, Add		832.07	
	For Embossed Panel Door, Add		153.61	
	For Baked Enamel Finish, Add		211.55	
	For 20 Minute Fire Rated Door, Add		27.63	
	For 45 Minute Fire Rated Door, Add		41.40	
	For 60 Minute Fire Rated Door, Add		55.27	
	For 90 Minute Fire Rated Door, Add		93.38	
	For 3 Hour Fire Rated Door, Add		131.50	
	For >50 To 100, Deduct		-41.77	
	For >100, Deduct		-61.02	
	For 2" Thick Door, Add		49.66	
	For Polystyrene Core, Add		64.01	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add		160.01	
	For Continuously Welded And Filled Vertical Edge Seam, Add		80.01	
	For Steel Stiffened, Add		160.01	

08 Openings**08 10 Doors and Frames****08 13 Metal Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0051	EA		3'-6" x 7' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	792.98	67.81
			For Galvanized Steel Door, Add	131.47	
			For Type 304 Stainless Steel Door, Add	525.88	
			For Type 316 Stainless Steel Door, Add	854.56	
			For Embossed Panel Door, Add	157.76	
			For Baked Enamel Finish, Add	217.55	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-43.04	
			For >100, Deduct	-62.86	
			For 2" Thick Door, Add	51.05	
			For Polystyrene Core, Add	65.74	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	164.34	
			For Continuously Welded And Filled Vertical Edge Seam, Add	82.17	
			For Steel Stiffened, Add	164.34	
08 13 13 13-0052	EA		4' x 7' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	873.03	73.24
			For Galvanized Steel Door, Add	145.31	
			For Type 304 Stainless Steel Door, Add	581.24	
			For Type 316 Stainless Steel Door, Add	944.52	
			For Embossed Panel Door, Add	174.37	
			For Baked Enamel Finish, Add	239.94	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-47.31	
			For >100, Deduct	-69.14	
			For 2" Thick Door, Add	56.34	
			For Polystyrene Core, Add	72.66	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	181.64	
			For Continuously Welded And Filled Vertical Edge Seam, Add	90.82	
			For Steel Stiffened, Add	181.64	
08 13 13 13-0053			7'-2" High, 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Doors (08 13 13 13-0032)		
08 13 13 13-0054	EA		2' x 7'-2" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	700.42	59.67
			For Galvanized Steel Door, Add	116.21	
			For Type 304 Stainless Steel Door, Add	464.85	
			For Type 316 Stainless Steel Door, Add	755.38	
			For Embossed Panel Door, Add	139.45	
			For Baked Enamel Finish, Add	192.22	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-38.01	
			For >100, Deduct	-55.52	
			For 2" Thick Door, Add	45.11	
			For Polystyrene Core, Add	58.11	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	145.27	
			For Continuously Welded And Filled Vertical Edge Seam, Add	72.63	
			For Steel Stiffened, Add	145.27	
08 13 13 13-0055	EA		2'-4" x 7'-2" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	700.42	59.67
			For Galvanized Steel Door, Add	116.21	
			For Type 304 Stainless Steel Door, Add	464.85	
			For Type 316 Stainless Steel Door, Add	755.38	
			For Embossed Panel Door, Add	139.45	
			For Baked Enamel Finish, Add	192.22	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-38.01	
			For >100, Deduct	-55.52	
			For 2" Thick Door, Add	45.11	
			For Polystyrene Core, Add	58.11	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	145.27	
			For Continuously Welded And Filled Vertical Edge Seam, Add	72.63	
			For Steel Stiffened, Add	145.27	



Openings			08	08
Doors and Frames			08 10	
Metal Doors			08 13	

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM DESCRIPTION	UNIT	COST	UNIT COST
08 13 13 13-0056	EA 2'-6" x 7'-2" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door.....		717.71	62.39
	For Galvanized Steel Door, Add		118.59	
	For Type 304 Stainless Steel Door, Add		474.35	
	For Type 316 Stainless Steel Door, Add		770.82	
	For Embossed Panel Door, Add		142.31	
	For Baked Enamel Finish, Add		196.60	
	For 20 Minute Fire Rated Door, Add		27.63	
	For 45 Minute Fire Rated Door, Add		41.40	
	For 60 Minute Fire Rated Door, Add		55.27	
	For 90 Minute Fire Rated Door, Add		93.38	
	For 3 Hour Fire Rated Door, Add		131.50	
	For >50 To 100, Deduct		-39.00	
	For >100, Deduct		-56.95	
	For 2" Thick Door, Add		46.11	
	For Polystyrene Core, Add		59.29	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add		148.24	
	For Continuously Welded And Filled Vertical Edge Seam, Add		74.12	
	For Steel Stiffened, Add		148.24	
08 13 13 13-0057	EA 2'-8" x 7'-2" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door.....		726.56	62.39
	For Galvanized Steel Door, Add		120.36	
	For Type 304 Stainless Steel Door, Add		481.43	
	For Type 316 Stainless Steel Door, Add		782.33	
	For Embossed Panel Door, Add		144.43	
	For Baked Enamel Finish, Add		199.25	
	For 20 Minute Fire Rated Door, Add		27.63	
	For 45 Minute Fire Rated Door, Add		41.40	
	For 60 Minute Fire Rated Door, Add		55.27	
	For 90 Minute Fire Rated Door, Add		93.38	
	For 3 Hour Fire Rated Door, Add		131.50	
	For >50 To 100, Deduct		-39.45	
	For >100, Deduct		-57.61	
	For 2" Thick Door, Add		46.75	
	For Polystyrene Core, Add		60.18	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add		150.45	
	For Continuously Welded And Filled Vertical Edge Seam, Add		75.22	
	For Steel Stiffened, Add		150.45	
08 13 13 13-0058	EA 2'-10" x 7'-2" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door.....		732.83	63.74
	For Galvanized Steel Door, Add		121.07	
	For Type 304 Stainless Steel Door, Add		484.27	
	For Type 316 Stainless Steel Door, Add		786.94	
	For Embossed Panel Door, Add		145.28	
	For Baked Enamel Finish, Add		200.73	
	For 20 Minute Fire Rated Door, Add		27.63	
	For 45 Minute Fire Rated Door, Add		41.40	
	For 60 Minute Fire Rated Door, Add		55.27	
	For 90 Minute Fire Rated Door, Add		93.38	
	For 3 Hour Fire Rated Door, Add		131.50	
	For >50 To 100, Deduct		-39.83	
	For >100, Deduct		-58.15	
	For 2" Thick Door, Add		47.07	
	For Polystyrene Core, Add		60.53	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add		151.34	
	For Continuously Welded And Filled Vertical Edge Seam, Add		75.67	
	For Steel Stiffened, Add		151.34	
08 13 13 13-0059	EA 3' x 7'-2" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door.....		739.07	65.10
	For Galvanized Steel Door, Add		121.77	
	For Type 304 Stainless Steel Door, Add		487.10	
	For Type 316 Stainless Steel Door, Add		791.53	
	For Embossed Panel Door, Add		146.13	
	For Baked Enamel Finish, Add		202.19	
	For 20 Minute Fire Rated Door, Add		27.63	
	For 45 Minute Fire Rated Door, Add		41.40	
	For 60 Minute Fire Rated Door, Add		55.27	
	For 90 Minute Fire Rated Door, Add		93.38	
	For 3 Hour Fire Rated Door, Add		131.50	
	For >50 To 100, Deduct		-40.21	
	For >100, Deduct		-58.69	
	For 2" Thick Door, Add		47.40	
	For Polystyrene Core, Add		60.89	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add		152.22	
	For Continuously Welded And Filled Vertical Edge Seam, Add		76.11	
	For Steel Stiffened, Add		152.22	

08 Openings**08 10 Doors and Frames****08 13 Metal Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0060	EA		3'-4" x 7'-2" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	785.09	65.10
			For Galvanized Steel Door, Add	130.98	
			For Type 304 Stainless Steel Door, Add	523.91	
			For Type 316 Stainless Steel Door, Add	851.36	
			For Embossed Panel Door, Add	157.17	
			For Baked Enamel Finish, Add	216.00	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-42.51	
			For >100, Deduct	-62.14	
			For 2" Thick Door, Add	50.73	
			For Polystyrene Core, Add	65.49	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	163.72	
			For Continuously Welded And Filled Vertical Edge Seam, Add	81.86	
			For Steel Stiffened, Add	163.72	
08 13 13 13-0061	EA		3'-6" x 7'-2" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	808.22	67.81
			For Galvanized Steel Door, Add	134.52	
			For Type 304 Stainless Steel Door, Add	538.07	
			For Type 316 Stainless Steel Door, Add	874.37	
			For Embossed Panel Door, Add	161.42	
			For Baked Enamel Finish, Add	222.12	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-43.80	
			For >100, Deduct	-64.01	
			For 2" Thick Door, Add	52.15	
			For Polystyrene Core, Add	67.26	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	168.15	
			For Continuously Welded And Filled Vertical Edge Seam, Add	84.07	
			For Steel Stiffened, Add	168.15	
08 13 13 13-0062	EA		4' x 7'-2" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	889.87	73.24
			For Galvanized Steel Door, Add	148.68	
			For Type 304 Stainless Steel Door, Add	594.71	
			For Type 316 Stainless Steel Door, Add	966.41	
			For Embossed Panel Door, Add	178.41	
			For Baked Enamel Finish, Add	244.99	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-48.16	
			For >100, Deduct	-70.40	
			For 2" Thick Door, Add	57.56	
			For Polystyrene Core, Add	74.34	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	185.85	
			For Continuously Welded And Filled Vertical Edge Seam, Add	92.92	
			For Steel Stiffened, Add	185.85	
08 13 13 13-0063			8' High, 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Doors (08 13 13 13-0032)		
08 13 13 13-0064	EA		2' x 8' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	809.02	59.67
			For Up To 1' Extra Height, Add	190.83	
			For 1' To 1'-6" Extra Height, Add	364.07	
			For Galvanized Steel Door, Add	137.93	
			For Type 304 Stainless Steel Door, Add	551.73	
			For Type 316 Stainless Steel Door, Add	896.56	
			For Embossed Panel Door, Add	165.52	
			For Baked Enamel Finish, Add	224.80	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-43.44	
			For >100, Deduct	-63.66	
			For 2" Thick Door, Add	52.98	
			For Polystyrene Core, Add	68.97	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	172.42	
			For Continuously Welded And Filled Vertical Edge Seam, Add	86.21	
			For Steel Stiffened, Add	172.42	



Openings			08	08
Doors and Frames			08 10	
Metal Doors			08 13	

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM DESCRIPTION	UNIT COST		UNIT COST	
08 13 13 13-0065	EA 2'-4" x 8' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	809.02		59.67	
	For Up To 1' Extra Height, Add	190.83			
	For 1' To 1'-6" Extra Height, Add	364.07			
	For Galvanized Steel Door, Add	137.93			
	For Type 304 Stainless Steel Door, Add	551.73			
	For Type 316 Stainless Steel Door, Add	896.56			
	For Embossed Panel Door, Add	165.52			
	For Baked Enamel Finish, Add	224.80			
	For 20 Minute Fire Rated Door, Add	27.63			
	For 45 Minute Fire Rated Door, Add	41.40			
	For 60 Minute Fire Rated Door, Add	55.27			
	For 90 Minute Fire Rated Door, Add	93.38			
	For 3 Hour Fire Rated Door, Add	131.50			
	For >50 To 100, Deduct	-43.44			
	For >100, Deduct	-63.66			
	For 2" Thick Door, Add	52.98			
	For Polystyrene Core, Add	68.97			
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	172.42			
	For Continuously Welded And Filled Vertical Edge Seam, Add	86.21			
	For Steel Stiffened, Add	172.42			
08 13 13 13-0066	EA 2'-6" x 8' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	828.53		62.39	
	For Up To 1' Extra Height, Add	194.73			
	For 1' To 1'-6" Extra Height, Add	371.51			
	For Galvanized Steel Door, Add	140.75			
	For Type 304 Stainless Steel Door, Add	563.01			
	For Type 316 Stainless Steel Door, Add	914.89			
	For Embossed Panel Door, Add	168.90			
	For Baked Enamel Finish, Add	229.84			
	For 20 Minute Fire Rated Door, Add	27.63			
	For 45 Minute Fire Rated Door, Add	41.40			
	For 60 Minute Fire Rated Door, Add	55.27			
	For 90 Minute Fire Rated Door, Add	93.38			
	For 3 Hour Fire Rated Door, Add	131.50			
	For >50 To 100, Deduct	-44.55			
	For >100, Deduct	-65.26			
	For 2" Thick Door, Add	54.14			
	For Polystyrene Core, Add	70.38			
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	175.94			
	For Continuously Welded And Filled Vertical Edge Seam, Add	87.97			
	For Steel Stiffened, Add	175.94			
08 13 13 13-0067	EA 2'-8" x 8' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	839.04		62.39	
	For Up To 1' Extra Height, Add	197.64			
	For 1' To 1'-6" Extra Height, Add	377.06			
	For Galvanized Steel Door, Add	142.85			
	For Type 304 Stainless Steel Door, Add	571.42			
	For Type 316 Stainless Steel Door, Add	928.55			
	For Embossed Panel Door, Add	171.42			
	For Baked Enamel Finish, Add	233.00			
	For 20 Minute Fire Rated Door, Add	27.63			
	For 45 Minute Fire Rated Door, Add	41.40			
	For 60 Minute Fire Rated Door, Add	55.27			
	For 90 Minute Fire Rated Door, Add	93.38			
	For 3 Hour Fire Rated Door, Add	131.50			
	For >50 To 100, Deduct	-45.07			
	For >100, Deduct	-66.05			
	For 2" Thick Door, Add	54.90			
	For Polystyrene Core, Add	71.43			
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	178.57			
	For Continuously Welded And Filled Vertical Edge Seam, Add	89.28			
	For Steel Stiffened, Add	178.57			
08 13 13 13-0068	EA 2'-10" x 8' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	845.95		63.74	
	For Up To 1' Extra Height, Add	198.80			
	For 1' To 1'-6" Extra Height, Add	379.28			
	For Galvanized Steel Door, Add	143.69			
	For Type 304 Stainless Steel Door, Add	574.77			
	For Type 316 Stainless Steel Door, Add	934.00			
	For Embossed Panel Door, Add	172.43			
	For Baked Enamel Finish, Add	234.66			
	For 20 Minute Fire Rated Door, Add	27.63			
	For 45 Minute Fire Rated Door, Add	41.40			
	For 60 Minute Fire Rated Door, Add	55.27			
	For 90 Minute Fire Rated Door, Add	93.38			
	For 3 Hour Fire Rated Door, Add	131.50			
	For >50 To 100, Deduct	-45.48			
	For >100, Deduct	-66.63			
	For 2" Thick Door, Add	55.28			
	For Polystyrene Core, Add	71.85			
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	179.62			
	For Continuously Welded And Filled Vertical Edge Seam, Add	89.81			
	For Steel Stiffened, Add	179.62			

08 Openings**08 10 Doors and Frames****08 13 Metal Doors**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
08 13 13 13-0069	EA 3' x 8' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door.....	852.86		65.10
	For Up To 1' Extra Height, Add	199.96		
	For 1' To 1'-6" Extra Height, Add	381.49		
	For Galvanized Steel Door, Add	144.53		
	For Type 304 Stainless Steel Door, Add	578.13		
	For Type 316 Stainless Steel Door, Add	939.46		
	For Embossed Panel Door, Add	173.44		
	For Baked Enamel Finish, Add	236.33		
	For 20 Minute Fire Rated Door, Add	27.63		
	For 45 Minute Fire Rated Door, Add	41.40		
	For 60 Minute Fire Rated Door, Add	55.27		
	For 90 Minute Fire Rated Door, Add	93.38		
	For 3 Hour Fire Rated Door, Add	131.50		
	For >50 To 100, Deduct	-45.90		
	For >100, Deduct	-67.22		
	For 2" Thick Door, Add	55.65		
	For Polystyrene Core, Add	72.27		
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	180.67		
	For Continuously Welded And Filled Vertical Edge Seam, Add	90.33		
	For Steel Stiffened, Add	180.67		
08 13 13 13-0070	EA 3'-4" x 8' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door.....	907.49		65.10
	For Up To 1' Extra Height, Add	215.08		
	For 1' To 1'-6" Extra Height, Add	410.33		
	For Galvanized Steel Door, Add	155.46		
	For Type 304 Stainless Steel Door, Add	621.83		
	For Type 316 Stainless Steel Door, Add	1,010.48		
	For Embossed Panel Door, Add	186.55		
	For Baked Enamel Finish, Add	252.72		
	For 20 Minute Fire Rated Door, Add	27.63		
	For 45 Minute Fire Rated Door, Add	41.40		
	For 60 Minute Fire Rated Door, Add	55.27		
	For 90 Minute Fire Rated Door, Add	93.38		
	For 3 Hour Fire Rated Door, Add	131.50		
	For >50 To 100, Deduct	-48.63		
	For >100, Deduct	-71.32		
	For 2" Thick Door, Add	59.61		
	For Polystyrene Core, Add	77.73		
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	194.32		
	For Continuously Welded And Filled Vertical Edge Seam, Add	97.16		
	For Steel Stiffened, Add	194.32		
08 13 13 13-0071	EA 3'-6" x 8' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door.....	933.93		67.81
	For Up To 1' Extra Height, Add	220.89		
	For 1' To 1'-6" Extra Height, Add	421.42		
	For Galvanized Steel Door, Add	159.66		
	For Type 304 Stainless Steel Door, Add	638.64		
	For Type 316 Stainless Steel Door, Add	1,037.79		
	For Embossed Panel Door, Add	191.59		
	For Baked Enamel Finish, Add	259.83		
	For 20 Minute Fire Rated Door, Add	27.63		
	For 45 Minute Fire Rated Door, Add	41.40		
	For 60 Minute Fire Rated Door, Add	55.27		
	For 90 Minute Fire Rated Door, Add	93.38		
	For 3 Hour Fire Rated Door, Add	131.50		
	For >50 To 100, Deduct	-50.09		
	For >100, Deduct	-73.44		
	For 2" Thick Door, Add	61.27		
	For Polystyrene Core, Add	79.83		
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	199.58		
	For Continuously Welded And Filled Vertical Edge Seam, Add	99.79		
	For Steel Stiffened, Add	199.58		
08 13 13 13-0072	EA 4' x 8' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door.....	1,028.80		73.24
	For Up To 1' Extra Height, Add	244.14		
	For 1' To 1'-6" Extra Height, Add	465.78		
	For Galvanized Steel Door, Add	176.46		
	For Type 304 Stainless Steel Door, Add	705.86		
	For Type 316 Stainless Steel Door, Add	1,147.02		
	For Embossed Panel Door, Add	211.76		
	For Baked Enamel Finish, Add	286.67		
	For 20 Minute Fire Rated Door, Add	27.63		
	For 45 Minute Fire Rated Door, Add	41.40		
	For 60 Minute Fire Rated Door, Add	55.27		
	For 90 Minute Fire Rated Door, Add	93.38		
	For 3 Hour Fire Rated Door, Add	131.50		
	For >50 To 100, Deduct	-55.10		
	For >100, Deduct	-80.82		
	For 2" Thick Door, Add	67.63		
	For Polystyrene Core, Add	88.23		
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	220.58		
	For Continuously Welded And Filled Vertical Edge Seam, Add	110.29		
	For Steel Stiffened, Add	220.58		
08 13 13 13-0073	16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Doors (08 13 13 13)			
08 13 13 13-0074	6'-8" High, 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Doors (08 13 13 13-0073)			



Openings			08	08
Doors and Frames			08 10	
Metal Doors			08 13	

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM DESCRIPTION	UNIT	COST	UNIT COST
08 13 13 13-0075	EA 2' x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	887.66		59.67
	For 14 Gauge, Level 4 Maximum Duty, Add	307.32		
	For Galvanized Steel Door, Add	153.66		
	For Type 304 Stainless Steel Door, Add	614.64		
	For Type 316 Stainless Steel Door, Add	998.79		
	For Embossed Panel Door, Add	184.39		
	For Baked Enamel Finish, Add	248.39		
	For 20 Minute Fire Rated Door, Add	27.63		
	For 45 Minute Fire Rated Door, Add	41.40		
	For 60 Minute Fire Rated Door, Add	55.27		
	For 90 Minute Fire Rated Door, Add	93.38		
	For 3 Hour Fire Rated Door, Add	131.50		
	For >50 To 100, Deduct	47.37		
	For >100, Deduct	-69.56		
	For 2" Thick Door, Add	58.69		
	For Polystyrene Core, Add	76.83		
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	192.08		
	For Continuously Welded And Filled Vertical Edge Seam, Add	96.04		
	For Steel Stiffened, Add	192.08		
08 13 13 13-0076	EA 2'-4" x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	887.66		59.67
	For 14 Gauge, Level 4 Maximum Duty, Add	307.32		
	For Galvanized Steel Door, Add	153.66		
	For Type 304 Stainless Steel Door, Add	614.64		
	For Type 316 Stainless Steel Door, Add	998.79		
	For Embossed Panel Door, Add	184.39		
	For Baked Enamel Finish, Add	248.39		
	For 20 Minute Fire Rated Door, Add	27.63		
	For 45 Minute Fire Rated Door, Add	41.40		
	For 60 Minute Fire Rated Door, Add	55.27		
	For 90 Minute Fire Rated Door, Add	93.38		
	For 3 Hour Fire Rated Door, Add	131.50		
	For >50 To 100, Deduct	-47.37		
	For >100, Deduct	-69.56		
	For 2" Thick Door, Add	58.69		
	For Polystyrene Core, Add	76.83		
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	192.08		
	For Continuously Welded And Filled Vertical Edge Seam, Add	96.04		
	For Steel Stiffened, Add	192.08		
08 13 13 13-0077	EA 2'-6" x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	908.78		62.39
	For 14 Gauge, Level 4 Maximum Duty, Add	313.60		
	For Galvanized Steel Door, Add	156.80		
	For Type 304 Stainless Steel Door, Add	627.21		
	For Type 316 Stainless Steel Door, Add	1,019.21		
	For Embossed Panel Door, Add	188.16		
	For Baked Enamel Finish, Add	253.92		
	For 20 Minute Fire Rated Door, Add	27.63		
	For 45 Minute Fire Rated Door, Add	41.40		
	For 60 Minute Fire Rated Door, Add	55.27		
	For 90 Minute Fire Rated Door, Add	93.38		
	For 3 Hour Fire Rated Door, Add	131.50		
	For >50 To 100, Deduct	-48.56		
	For >100, Deduct	-71.28		
	For 2" Thick Door, Add	59.96		
	For Polystyrene Core, Add	78.40		
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	196.00		
	For Continuously Welded And Filled Vertical Edge Seam, Add	98.00		
	For Steel Stiffened, Add	196.00		
08 13 13 13-0078	EA 2'-8" x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	920.48		62.39
	For 14 Gauge, Level 4 Maximum Duty, Add	318.28		
	For Galvanized Steel Door, Add	159.14		
	For Type 304 Stainless Steel Door, Add	636.57		
	For Type 316 Stainless Steel Door, Add	1,034.42		
	For Embossed Panel Door, Add	190.97		
	For Baked Enamel Finish, Add	257.43		
	For 20 Minute Fire Rated Door, Add	27.63		
	For 45 Minute Fire Rated Door, Add	41.40		
	For 60 Minute Fire Rated Door, Add	55.27		
	For 90 Minute Fire Rated Door, Add	93.38		
	For 3 Hour Fire Rated Door, Add	131.50		
	For >50 To 100, Deduct	-49.14		
	For >100, Deduct	-72.16		
	For 2" Thick Door, Add	60.81		
	For Polystyrene Core, Add	79.57		
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	198.93		
	For Continuously Welded And Filled Vertical Edge Seam, Add	99.46		
	For Steel Stiffened, Add	198.93		

08 Openings**08 10 Doors and Frames****08 13 Metal Doors**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 13 13 13-0079	EA 2'-10" x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door.....	927.90	63.74
	For 14 Gauge, Level 4 Maximum Duty, Add	320.16	
	For Galvanized Steel Door, Add	160.08	
	For Type 304 Stainless Steel Door, Add	640.33	
	For Type 316 Stainless Steel Door, Add	1,040.53	
	For Embossed Panel Door, Add	192.10	
	For Baked Enamel Finish, Add	259.25	
	For 20 Minute Fire Rated Door, Add	27.63	
	For 45 Minute Fire Rated Door, Add	41.40	
	For 60 Minute Fire Rated Door, Add	55.27	
	For 90 Minute Fire Rated Door, Add	93.38	
	For 3 Hour Fire Rated Door, Add	131.50	
	For >50 To 100, Deduct	-49.58	
	For >100, Deduct	-72.78	
	For 2" Thick Door, Add	61.22	
	For Polystyrene Core, Add	80.04	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	200.10	
	For Continuously Welded And Filled Vertical Edge Seam, Add	100.05	
	For Steel Stiffened, Add	200.10	
08 13 13 13-0080	EA 3' x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door.....	935.28	65.10
	For 14 Gauge, Level 4 Maximum Duty, Add	322.03	
	For Galvanized Steel Door, Add	161.02	
	For Type 304 Stainless Steel Door, Add	644.06	
	For Type 316 Stainless Steel Door, Add	1,046.60	
	For Embossed Panel Door, Add	193.22	
	For Baked Enamel Finish, Add	261.05	
	For 20 Minute Fire Rated Door, Add	27.63	
	For 45 Minute Fire Rated Door, Add	41.40	
	For 60 Minute Fire Rated Door, Add	55.27	
	For 90 Minute Fire Rated Door, Add	93.38	
	For 3 Hour Fire Rated Door, Add	131.50	
	For >50 To 100, Deduct	-50.02	
	For >100, Deduct	-73.40	
	For 2" Thick Door, Add	61.62	
	For Polystyrene Core, Add	80.51	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	201.27	
	For Continuously Welded And Filled Vertical Edge Seam, Add	100.64	
	For Steel Stiffened, Add	201.27	
08 13 13 13-0081	EA 3'-4" x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door.....	996.13	65.10
	For 14 Gauge, Level 4 Maximum Duty, Add	346.37	
	For Galvanized Steel Door, Add	173.19	
	For Type 304 Stainless Steel Door, Add	692.74	
	For Type 316 Stainless Steel Door, Add	1,125.71	
	For Embossed Panel Door, Add	207.82	
	For Baked Enamel Finish, Add	279.31	
	For 20 Minute Fire Rated Door, Add	27.63	
	For 45 Minute Fire Rated Door, Add	41.40	
	For 60 Minute Fire Rated Door, Add	55.27	
	For 90 Minute Fire Rated Door, Add	93.38	
	For 3 Hour Fire Rated Door, Add	131.50	
	For >50 To 100, Deduct	-53.06	
	For >100, Deduct	-77.96	
	For 2" Thick Door, Add	66.03	
	For Polystyrene Core, Add	86.59	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	216.48	
	For Continuously Welded And Filled Vertical Edge Seam, Add	108.24	
	For Steel Stiffened, Add	216.48	
08 13 13 13-0082	EA 3'-6" x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door.....	1,024.96	67.81
	For 14 Gauge, Level 4 Maximum Duty, Add	355.73	
	For Galvanized Steel Door, Add	177.87	
	For Type 304 Stainless Steel Door, Add	711.46	
	For Type 316 Stainless Steel Door, Add	1,156.13	
	For Embossed Panel Door, Add	213.44	
	For Baked Enamel Finish, Add	287.14	
	For 20 Minute Fire Rated Door, Add	27.63	
	For 45 Minute Fire Rated Door, Add	41.40	
	For 60 Minute Fire Rated Door, Add	55.27	
	For 90 Minute Fire Rated Door, Add	93.38	
	For 3 Hour Fire Rated Door, Add	131.50	
	For >50 To 100, Deduct	-54.64	
	For >100, Deduct	-80.26	
	For 2" Thick Door, Add	67.87	
	For Polystyrene Core, Add	88.93	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	222.33	
	For Continuously Welded And Filled Vertical Edge Seam, Add	111.17	
	For Steel Stiffened, Add	222.33	



Openings			08	08
Doors and Frames			08 10	
Metal Doors			08 13	

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST		UNIT COST
08 13 13 13-0083	EA 4' x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,129.42		73.24
	For 14 Gauge, Level 4 Maximum Duty, Add	393.18		
	For Galvanized Steel Door, Add	196.59		
	For Type 304 Stainless Steel Door, Add	786.35		
	For Type 316 Stainless Steel Door, Add	1,277.82		
	For Embossed Panel Door, Add	235.91		
	For Baked Enamel Finish, Add	316.85		
	For 20 Minute Fire Rated Door, Add	27.63		
	For 45 Minute Fire Rated Door, Add	41.40		
	For 60 Minute Fire Rated Door, Add	55.27		
	For 90 Minute Fire Rated Door, Add	93.38		
	For 3 Hour Fire Rated Door, Add	131.50		
	For >50 To 100, Deduct	60.13		
	For >100, Deduct	-88.37		
	For 2" Thick Door, Add	74.93		
	For Polystyrene Core, Add	98.29		
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	245.74		
	For Continuously Welded And Filled Vertical Edge Seam, Add	122.87		
	For Steel Stiffened, Add	245.74		
08 13 13 13-0084	7' High, 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Doors (08 13 13 13-0073)			
08 13 13 13-0085	EA 2' x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	905.89		59.67
	For 14 Gauge, Level 4 Maximum Duty, Add	314.61		
	For Galvanized Steel Door, Add	157.31		
	For Type 304 Stainless Steel Door, Add	629.22		
	For Type 316 Stainless Steel Door, Add	1,022.49		
	For Embossed Panel Door, Add	188.77		
	For Baked Enamel Finish, Add	253.86		
	For 20 Minute Fire Rated Door, Add	27.63		
	For 45 Minute Fire Rated Door, Add	41.40		
	For 60 Minute Fire Rated Door, Add	55.27		
	For 90 Minute Fire Rated Door, Add	93.38		
	For 3 Hour Fire Rated Door, Add	131.50		
	For >50 To 100, Deduct	-48.28		
	For >100, Deduct	-70.93		
	For 2" Thick Door, Add	60.01		
	For Polystyrene Core, Add	78.65		
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	196.63		
	For Continuously Welded And Filled Vertical Edge Seam, Add	98.32		
	For Steel Stiffened, Add	196.63		
08 13 13 13-0086	EA 2'-4" x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	905.89		59.67
	For 14 Gauge, Level 4 Maximum Duty, Add	314.61		
	For Galvanized Steel Door, Add	157.31		
	For Type 304 Stainless Steel Door, Add	629.22		
	For Type 316 Stainless Steel Door, Add	1,022.49		
	For Embossed Panel Door, Add	188.77		
	For Baked Enamel Finish, Add	253.86		
	For 20 Minute Fire Rated Door, Add	27.63		
	For 45 Minute Fire Rated Door, Add	41.40		
	For 60 Minute Fire Rated Door, Add	55.27		
	For 90 Minute Fire Rated Door, Add	93.38		
	For 3 Hour Fire Rated Door, Add	131.50		
	For >50 To 100, Deduct	-48.28		
	For >100, Deduct	-70.93		
	For 2" Thick Door, Add	60.01		
	For Polystyrene Core, Add	78.65		
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	196.63		
	For Continuously Welded And Filled Vertical Edge Seam, Add	98.32		
	For Steel Stiffened, Add	196.63		
08 13 13 13-0087	EA 2'-6" x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	927.39		62.39
	For 14 Gauge, Level 4 Maximum Duty, Add	321.05		
	For Galvanized Steel Door, Add	160.52		
	For Type 304 Stainless Steel Door, Add	642.10		
	For Type 316 Stainless Steel Door, Add	1,043.41		
	For Embossed Panel Door, Add	192.63		
	For Baked Enamel Finish, Add	259.50		
	For 20 Minute Fire Rated Door, Add	27.63		
	For 45 Minute Fire Rated Door, Add	41.40		
	For 60 Minute Fire Rated Door, Add	55.27		
	For 90 Minute Fire Rated Door, Add	93.38		
	For 3 Hour Fire Rated Door, Add	131.50		
	For >50 To 100, Deduct	-49.49		
	For >100, Deduct	-72.67		
	For 2" Thick Door, Add	61.31		
	For Polystyrene Core, Add	80.26		
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	200.66		
	For Continuously Welded And Filled Vertical Edge Seam, Add	100.33		
	For Steel Stiffened, Add	200.66		

08 Openings**08 10 Doors and Frames****08 13 Metal Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0088	EA	2'-8" x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	.....	939.37	62.39
		For 14 Gauge, Level 4 Maximum Duty, Add		325.84	
		For Galvanized Steel Door, Add		162.92	
		For Type 304 Stainless Steel Door, Add		651.68	
		For Type 316 Stainless Steel Door, Add		1,058.98	
		For Embossed Panel Door, Add		195.50	
		For Baked Enamel Finish, Add		263.10	
		For 20 Minute Fire Rated Door, Add		27.63	
		For 45 Minute Fire Rated Door, Add		41.40	
		For 60 Minute Fire Rated Door, Add		55.27	
		For 90 Minute Fire Rated Door, Add		93.38	
		For 3 Hour Fire Rated Door, Add		131.50	
		For >50 To 100, Deduct		-50.09	
		For >100, Deduct		-73.57	
		For 2" Thick Door, Add		62.18	
		For Polystyrene Core, Add		81.46	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add		203.65	
		For Continuously Welded And Filled Vertical Edge Seam, Add		101.83	
		For Steel Stiffened, Add		203.65	
08 13 13 13-0089	EA	2'-10" x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	.....	946.88	63.74
		For 14 Gauge, Level 4 Maximum Duty, Add		327.76	
		For Galvanized Steel Door, Add		163.88	
		For Type 304 Stainless Steel Door, Add		655.51	
		For Type 316 Stainless Steel Door, Add		1,065.21	
		For Embossed Panel Door, Add		196.65	
		For Baked Enamel Finish, Add		264.94	
		For 20 Minute Fire Rated Door, Add		27.63	
		For 45 Minute Fire Rated Door, Add		41.40	
		For 60 Minute Fire Rated Door, Add		55.27	
		For 90 Minute Fire Rated Door, Add		93.38	
		For 3 Hour Fire Rated Door, Add		131.50	
		For >50 To 100, Deduct		-50.53	
		For >100, Deduct		-74.20	
		For 2" Thick Door, Add		62.59	
		For Polystyrene Core, Add		81.94	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add		204.85	
		For Continuously Welded And Filled Vertical Edge Seam, Add		102.42	
		For Steel Stiffened, Add		204.85	
08 13 13 13-0090	EA	3' x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	.....	954.38	65.10
		For 14 Gauge, Level 4 Maximum Duty, Add		329.67	
		For Galvanized Steel Door, Add		164.84	
		For Type 304 Stainless Steel Door, Add		659.34	
		For Type 316 Stainless Steel Door, Add		1,071.43	
		For Embossed Panel Door, Add		197.80	
		For Baked Enamel Finish, Add		266.78	
		For 20 Minute Fire Rated Door, Add		27.63	
		For 45 Minute Fire Rated Door, Add		41.40	
		For 60 Minute Fire Rated Door, Add		55.27	
		For 90 Minute Fire Rated Door, Add		93.38	
		For 3 Hour Fire Rated Door, Add		131.50	
		For >50 To 100, Deduct		-50.97	
		For >100, Deduct		-74.83	
		For 2" Thick Door, Add		63.01	
		For Polystyrene Core, Add		82.42	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add		206.05	
		For Continuously Welded And Filled Vertical Edge Seam, Add		103.02	
		For Steel Stiffened, Add		206.05	
08 13 13 13-0091	EA	3'-4" x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	.....	1,016.67	65.10
		For 14 Gauge, Level 4 Maximum Duty, Add		354.59	
		For Galvanized Steel Door, Add		177.29	
		For Type 304 Stainless Steel Door, Add		709.18	
		For Type 316 Stainless Steel Door, Add		1,152.41	
		For Embossed Panel Door, Add		212.75	
		For Baked Enamel Finish, Add		285.47	
		For 20 Minute Fire Rated Door, Add		27.63	
		For 45 Minute Fire Rated Door, Add		41.40	
		For 60 Minute Fire Rated Door, Add		55.27	
		For 90 Minute Fire Rated Door, Add		93.38	
		For 3 Hour Fire Rated Door, Add		131.50	
		For >50 To 100, Deduct		-54.09	
		For >100, Deduct		-79.51	
		For 2" Thick Door, Add		67.52	
		For Polystyrene Core, Add		88.65	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add		221.62	
		For Continuously Welded And Filled Vertical Edge Seam, Add		110.81	
		For Steel Stiffened, Add		221.62	



Openings			08	08
Doors and Frames			08 10	
Metal Doors			08 13	

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST		UNIT COST
08 13 13 13-0092	EA 3'-6" x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door For 14 Gauge, Level 4 Maximum Duty, Add For Galvanized Steel Door, Add For Type 304 Stainless Steel Door, Add For Type 316 Stainless Steel Door, Add For Embossed Panel Door, Add For Baked Enamel Finish, Add For 20 Minute Fire Rated Door, Add For 45 Minute Fire Rated Door, Add For 60 Minute Fire Rated Door, Add For 90 Minute Fire Rated Door, Add For 3 Hour Fire Rated Door, Add For >50 To 100, Deduct For >100, Deduct For 2" Thick Door, Add For Polystyrene Core, Add For Mineral Core, 250 Degree Maximum Temperature Rise, Add For Continuously Welded And Filled Vertical Edge Seam, Add For Steel Stiffened, Add	1,046.06 364.17 182.09 728.34 1,183.56 218.50 293.47 27.63 41.40 55.27 93.38 131.50 55.69 -81.85 69.40 91.04 227.61 113.80 227.61		67.81
08 13 13 13-0093	EA 4' x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door For 14 Gauge, Level 4 Maximum Duty, Add For Galvanized Steel Door, Add For Type 304 Stainless Steel Door, Add For Type 316 Stainless Steel Door, Add For Embossed Panel Door, Add For Baked Enamel Finish, Add For 20 Minute Fire Rated Door, Add For 45 Minute Fire Rated Door, Add For 60 Minute Fire Rated Door, Add For 90 Minute Fire Rated Door, Add For 3 Hour Fire Rated Door, Add For >50 To 100, Deduct For >100, Deduct For 2" Thick Door, Add For Polystyrene Core, Add For Mineral Core, 250 Degree Maximum Temperature Rise, Add For Continuously Welded And Filled Vertical Edge Seam, Add For Steel Stiffened, Add	1,152.75 402.51 201.25 805.02 1,308.15 241.50 323.85 27.63 41.40 55.27 93.38 131.50 -61.30 -90.12 76.62 100.63 251.57 125.78 251.57		73.24
08 13 13 13-0094	7'-2" High, 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Doors (08 13 13 13-0073)			
08 13 13 13-0095	EA 2' x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door For 14 Gauge, Level 4 Maximum Duty, Add For Galvanized Steel Door, Add For Type 304 Stainless Steel Door, Add For Type 316 Stainless Steel Door, Add For Embossed Panel Door, Add For Baked Enamel Finish, Add For 20 Minute Fire Rated Door, Add For 45 Minute Fire Rated Door, Add For 60 Minute Fire Rated Door, Add For 90 Minute Fire Rated Door, Add For 3 Hour Fire Rated Door, Add For >50 To 100, Deduct For >100, Deduct For 2" Thick Door, Add For Polystyrene Core, Add For Mineral Core, 250 Degree Maximum Temperature Rise, Add For Continuously Welded And Filled Vertical Edge Seam, Add For Steel Stiffened, Add	924.13 321.91 160.95 643.82 1,046.20 193.14 259.34 27.63 41.40 55.27 93.38 131.50 -49.19 -72.29 61.33 80.48 201.19 100.60 201.19		59.67
08 13 13 13-0096	EA 2'-4" x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door For 14 Gauge, Level 4 Maximum Duty, Add For Galvanized Steel Door, Add For Type 304 Stainless Steel Door, Add For Type 316 Stainless Steel Door, Add For Embossed Panel Door, Add For Baked Enamel Finish, Add For 20 Minute Fire Rated Door, Add For 45 Minute Fire Rated Door, Add For 60 Minute Fire Rated Door, Add For 90 Minute Fire Rated Door, Add For 3 Hour Fire Rated Door, Add For >50 To 100, Deduct For >100, Deduct For 2" Thick Door, Add For Polystyrene Core, Add For Mineral Core, 250 Degree Maximum Temperature Rise, Add For Continuously Welded And Filled Vertical Edge Seam, Add For Steel Stiffened, Add	924.13 321.91 160.95 643.82 1,046.20 193.14 259.34 27.63 41.40 55.27 93.38 131.50 -49.19 -72.29 61.33 80.48 201.19 100.60 201.19		59.67

08 Openings**08 10 Doors and Frames****08 13 Metal Doors**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 13 13 13-0097	EA 2'-6" x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door.....	946.00	62.39
	For 14 Gauge, Level 4 Maximum Duty, Add	328.49	
	For Galvanized Steel Door, Add	164.25	
	For Type 304 Stainless Steel Door, Add	656.98	
	For Type 316 Stainless Steel Door, Add	1,067.60	
	For Embossed Panel Door, Add	197.10	
	For Baked Enamel Finish, Add	265.08	
	For 20 Minute Fire Rated Door, Add	27.63	
	For 45 Minute Fire Rated Door, Add	41.40	
	For 60 Minute Fire Rated Door, Add	55.27	
	For 90 Minute Fire Rated Door, Add	93.38	
	For 3 Hour Fire Rated Door, Add	131.50	
	For >50 To 100, Deduct	-50.42	
	For >100, Deduct	-74.07	
	For 2" Thick Door, Add	62.66	
	For Polystyrene Core, Add	82.12	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	205.31	
	For Continuously Welded And Filled Vertical Edge Seam, Add	102.65	
	For Steel Stiffened, Add	205.31	
08 13 13 13-0098	EA 2'-8" x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door.....	958.25	62.39
	For 14 Gauge, Level 4 Maximum Duty, Add	333.39	
	For Galvanized Steel Door, Add	166.70	
	For Type 304 Stainless Steel Door, Add	666.78	
	For Type 316 Stainless Steel Door, Add	1,083.52	
	For Embossed Panel Door, Add	200.04	
	For Baked Enamel Finish, Add	268.76	
	For 20 Minute Fire Rated Door, Add	27.63	
	For 45 Minute Fire Rated Door, Add	41.40	
	For 60 Minute Fire Rated Door, Add	55.27	
	For 90 Minute Fire Rated Door, Add	93.38	
	For 3 Hour Fire Rated Door, Add	131.50	
	For >50 To 100, Deduct	-51.03	
	For >100, Deduct	-74.99	
	For 2" Thick Door, Add	63.55	
	For Polystyrene Core, Add	83.35	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	208.37	
	For Continuously Welded And Filled Vertical Edge Seam, Add	104.19	
	For Steel Stiffened, Add	208.37	
08 13 13 13-0099	EA 2'-10" x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door.....	965.89	63.74
	For 14 Gauge, Level 4 Maximum Duty, Add	335.36	
	For Galvanized Steel Door, Add	167.68	
	For Type 304 Stainless Steel Door, Add	670.72	
	For Type 316 Stainless Steel Door, Add	1,089.92	
	For Embossed Panel Door, Add	201.22	
	For Baked Enamel Finish, Add	270.64	
	For 20 Minute Fire Rated Door, Add	27.63	
	For 45 Minute Fire Rated Door, Add	41.40	
	For 60 Minute Fire Rated Door, Add	55.27	
	For 90 Minute Fire Rated Door, Add	93.38	
	For 3 Hour Fire Rated Door, Add	131.50	
	For >50 To 100, Deduct	-51.48	
	For >100, Deduct	-75.63	
	For 2" Thick Door, Add	63.97	
	For Polystyrene Core, Add	83.84	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	209.60	
	For Continuously Welded And Filled Vertical Edge Seam, Add	104.80	
	For Steel Stiffened, Add	209.60	
08 13 13 13-0100	EA 3' x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door.....	973.49	65.10
	For 14 Gauge, Level 4 Maximum Duty, Add	337.32	
	For Galvanized Steel Door, Add	168.66	
	For Type 304 Stainless Steel Door, Add	674.63	
	For Type 316 Stainless Steel Door, Add	1,096.28	
	For Embossed Panel Door, Add	202.39	
	For Baked Enamel Finish, Add	272.52	
	For 20 Minute Fire Rated Door, Add	27.63	
	For 45 Minute Fire Rated Door, Add	41.40	
	For 60 Minute Fire Rated Door, Add	55.27	
	For 90 Minute Fire Rated Door, Add	93.38	
	For 3 Hour Fire Rated Door, Add	131.50	
	For >50 To 100, Deduct	-51.93	
	For >100, Deduct	-76.27	
	For 2" Thick Door, Add	64.39	
	For Polystyrene Core, Add	84.33	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	210.82	
	For Continuously Welded And Filled Vertical Edge Seam, Add	105.41	
	For Steel Stiffened, Add	210.82	



Openings			08	08
Doors and Frames			08 10	
Metal Doors			08 13	

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM DESCRIPTION	UNIT	COST	UNIT COST
08 13 13 13-0101	EA 3'-4" x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door For 14 Gauge, Level 4 Maximum Duty, Add For Galvanized Steel Door, Add For Type 304 Stainless Steel Door, Add For Type 316 Stainless Steel Door, Add For Embossed Panel Door, Add For Baked Enamel Finish, Add For 20 Minute Fire Rated Door, Add For 45 Minute Fire Rated Door, Add For 60 Minute Fire Rated Door, Add For 90 Minute Fire Rated Door, Add For 3 Hour Fire Rated Door, Add For >50 To 100, Deduct For >100, Deduct For 2" Thick Door, Add For Polystyrene Core, Add For Mineral Core, 250 Degree Maximum Temperature Rise, Add For Continuously Welded And Filled Vertical Edge Seam, Add For Steel Stiffened, Add	 362.81 181.41 725.62 1,179.14 217.69 291.64 27.63 41.40 55.27 93.38 131.50 55.12 -81.05 69.01 90.70 226.76 113.38 226.76	1,037.23	65.10
08 13 13 13-0102	EA 3'-6" x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door For 14 Gauge, Level 4 Maximum Duty, Add For Galvanized Steel Door, Add For Type 304 Stainless Steel Door, Add For Type 316 Stainless Steel Door, Add For Embossed Panel Door, Add For Baked Enamel Finish, Add For 20 Minute Fire Rated Door, Add For 45 Minute Fire Rated Door, Add For 60 Minute Fire Rated Door, Add For 90 Minute Fire Rated Door, Add For 3 Hour Fire Rated Door, Add For >50 To 100, Deduct For >100, Deduct For 2" Thick Door, Add For Polystyrene Core, Add For Mineral Core, 250 Degree Maximum Temperature Rise, Add For Continuously Welded And Filled Vertical Edge Seam, Add For Steel Stiffened, Add	 372.62 186.31 745.23 1,211.00 223.57 299.81 27.63 41.40 55.27 93.38 131.50 -56.75 -83.43 70.93 93.15 232.89 116.44 232.89	1,067.17	67.81
08 13 13 13-0103	EA 4' x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door For 14 Gauge, Level 4 Maximum Duty, Add For Galvanized Steel Door, Add For Type 304 Stainless Steel Door, Add For Type 316 Stainless Steel Door, Add For Embossed Panel Door, Add For Baked Enamel Finish, Add For 20 Minute Fire Rated Door, Add For 45 Minute Fire Rated Door, Add For 60 Minute Fire Rated Door, Add For 90 Minute Fire Rated Door, Add For 3 Hour Fire Rated Door, Add For >50 To 100, Deduct For >100, Deduct For 2" Thick Door, Add For Polystyrene Core, Add For Mineral Core, 250 Degree Maximum Temperature Rise, Add For Continuously Welded And Filled Vertical Edge Seam, Add For Steel Stiffened, Add	 411.84 205.92 823.68 1,338.48 247.10 330.85 27.63 41.40 55.27 93.38 131.50 -62.47 -91.87 78.31 102.96 257.40 128.70 257.40	1,176.08	73.24
08 13 13 13-0104	8' High, 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Doors (08 13 13 13-0073)			
08 13 13 13-0105	EA 2' x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door For Up To 1' Extra Height, Add For 14 Gauge, Level 4 Maximum Duty, Add For Galvanized Steel Door, Add For Type 304 Stainless Steel Door, Add For Type 316 Stainless Steel Door, Add For Embossed Panel Door, Add For Baked Enamel Finish, Add For 20 Minute Fire Rated Door, Add For 45 Minute Fire Rated Door, Add For 60 Minute Fire Rated Door, Add For 90 Minute Fire Rated Door, Add For 3 Hour Fire Rated Door, Add For >50 To 100, Deduct For >100, Deduct For 2" Thick Door, Add For Polystyrene Core, Add For Mineral Core, 250 Degree Maximum Temperature Rise, Add For Continuously Welded And Filled Vertical Edge Seam, Add For Steel Stiffened, Add	 264.30 382.07 191.03 764.14 1,241.72 229.24 304.46 27.63 41.40 55.27 93.38 131.50 -56.71 -83.57 72.23 95.52 238.79 119.40 238.79	1,074.53	59.67

08 Openings**08 10 Doors and Frames****08 13 Metal Doors**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 13 13 13-0106	EA 2'-4" x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,074.53	59.67
	For Up To 1' Extra Height, Add	264.30	
	For 14 Gauge, Level 4 Maximum Duty, Add	382.07	
	For Galvanized Steel Door, Add	191.03	
	For Type 304 Stainless Steel Door, Add	764.14	
	For Type 316 Stainless Steel Door, Add	1,241.72	
	For Embossed Panel Door, Add	229.24	
	For Baked Enamel Finish, Add	304.46	
	For 20 Minute Fire Rated Door, Add	27.63	
	For 45 Minute Fire Rated Door, Add	41.40	
	For 60 Minute Fire Rated Door, Add	55.27	
	For 90 Minute Fire Rated Door, Add	93.38	
	For 3 Hour Fire Rated Door, Add	131.50	
	For >50 To 100, Deduct	-56.71	
	For >100, Deduct	-83.57	
	For 2" Thick Door, Add	72.23	
	For Polystyrene Core, Add	95.52	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	238.79	
	For Continuously Welded And Filled Vertical Edge Seam, Add	119.40	
	For Steel Stiffened, Add	238.79	
08 13 13 13-0107	EA 2'-6" x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,099.48	62.39
	For Up To 1' Extra Height, Add	269.70	
	For 14 Gauge, Level 4 Maximum Duty, Add	389.88	
	For Galvanized Steel Door, Add	194.94	
	For Type 304 Stainless Steel Door, Add	779.77	
	For Type 316 Stainless Steel Door, Add	1,267.12	
	For Embossed Panel Door, Add	233.93	
	For Baked Enamel Finish, Add	311.13	
	For 20 Minute Fire Rated Door, Add	27.63	
	For 45 Minute Fire Rated Door, Add	41.40	
	For 60 Minute Fire Rated Door, Add	55.27	
	For 90 Minute Fire Rated Door, Add	93.38	
	For 3 Hour Fire Rated Door, Add	131.50	
	For >50 To 100, Deduct	-58.09	
	For >100, Deduct	-85.58	
	For 2" Thick Door, Add	73.79	
	For Polystyrene Core, Add	97.47	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	243.68	
	For Continuously Welded And Filled Vertical Edge Seam, Add	121.84	
	For Steel Stiffened, Add	243.68	
08 13 13 13-0108	EA 2'-8" x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,114.03	62.39
	For Up To 1' Extra Height, Add	273.73	
	For 14 Gauge, Level 4 Maximum Duty, Add	395.70	
	For Galvanized Steel Door, Add	197.85	
	For Type 304 Stainless Steel Door, Add	791.41	
	For Type 316 Stainless Steel Door, Add	1,286.04	
	For Embossed Panel Door, Add	237.42	
	For Baked Enamel Finish, Add	315.49	
	For 20 Minute Fire Rated Door, Add	27.63	
	For 45 Minute Fire Rated Door, Add	41.40	
	For 60 Minute Fire Rated Door, Add	55.27	
	For 90 Minute Fire Rated Door, Add	93.38	
	For 3 Hour Fire Rated Door, Add	131.50	
	For >50 To 100, Deduct	-58.82	
	For >100, Deduct	-86.67	
	For 2" Thick Door, Add	74.84	
	For Polystyrene Core, Add	98.93	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	247.32	
	For Continuously Welded And Filled Vertical Edge Seam, Add	123.66	
	For Steel Stiffened, Add	247.32	
08 13 13 13-0109	EA 2'-10" x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,122.56	63.74
	For Up To 1' Extra Height, Add	275.34	
	For 14 Gauge, Level 4 Maximum Duty, Add	398.03	
	For Galvanized Steel Door, Add	199.01	
	For Type 304 Stainless Steel Door, Add	796.06	
	For Type 316 Stainless Steel Door, Add	1,293.59	
	For Embossed Panel Door, Add	238.82	
	For Baked Enamel Finish, Add	317.64	
	For 20 Minute Fire Rated Door, Add	27.63	
	For 45 Minute Fire Rated Door, Add	41.40	
	For 60 Minute Fire Rated Door, Add	55.27	
	For 90 Minute Fire Rated Door, Add	93.38	
	For 3 Hour Fire Rated Door, Add	131.50	
	For >50 To 100, Deduct	-59.32	
	For >100, Deduct	-87.38	
	For 2" Thick Door, Add	75.33	
	For Polystyrene Core, Add	99.51	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	248.77	
	For Continuously Welded And Filled Vertical Edge Seam, Add	124.38	
	For Steel Stiffened, Add	248.77	



Openings			08	08
Doors and Frames			08 10	
Metal Doors			08 13	

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM DESCRIPTION	UNIT	COST	UNIT	COST
08 13 13 13-0110	EA 3' x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door		1,131.09		65.10
	For Up To 1' Extra Height, Add		276.95		
	For 14 Gauge, Level 4 Maximum Duty, Add		400.36		
	For Galvanized Steel Door, Add		200.18		
	For Type 304 Stainless Steel Door, Add		800.71		
	For Type 316 Stainless Steel Door, Add		1,301.16		
	For Embossed Panel Door, Add		240.21		
	For Baked Enamel Finish, Add		319.80		
	For 20 Minute Fire Rated Door, Add		27.63		
	For 45 Minute Fire Rated Door, Add		41.40		
	For 60 Minute Fire Rated Door, Add		55.27		
	For 90 Minute Fire Rated Door, Add		93.38		
	For 3 Hour Fire Rated Door, Add		131.50		
	For >50 To 100, Deduct		-59.81		
	For >100, Deduct		-88.09		
	For 2" Thick Door, Add		75.82		
	For Polystyrene Core, Add		100.09		
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add		250.22		
	For Continuously Welded And Filled Vertical Edge Seam, Add		125.11		
	For Steel Stiffened, Add		250.22		
08 13 13 13-0111	EA 3'-4" x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door		1,206.74		65.10
	For Up To 1' Extra Height, Add		297.88		
	For 14 Gauge, Level 4 Maximum Duty, Add		430.62		
	For Galvanized Steel Door, Add		215.31		
	For Type 304 Stainless Steel Door, Add		861.23		
	For Type 316 Stainless Steel Door, Add		1,399.50		
	For Embossed Panel Door, Add		258.37		
	For Baked Enamel Finish, Add		342.49		
	For 20 Minute Fire Rated Door, Add		27.63		
	For 45 Minute Fire Rated Door, Add		41.40		
	For 60 Minute Fire Rated Door, Add		55.27		
	For 90 Minute Fire Rated Door, Add		93.38		
	For 3 Hour Fire Rated Door, Add		131.50		
	For >50 To 100, Deduct		-63.59		
	For >100, Deduct		-93.76		
	For 2" Thick Door, Add		81.30		
	For Polystyrene Core, Add		107.65		
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add		269.14		
	For Continuously Welded And Filled Vertical Edge Seam, Add		134.57		
	For Steel Stiffened, Add		269.14		
08 13 13 13-0112	EA 3'-6" x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door		1,241.27		67.81
	For Up To 1' Extra Height, Add		305.93		
	For 1' To 1'-6" Extra Height, Add		583.67		
	For 14 Gauge, Level 4 Maximum Duty, Add		442.26		
	For Galvanized Steel Door, Add		221.13		
	For Type 304 Stainless Steel Door, Add		884.51		
	For Type 316 Stainless Steel Door, Add		1,437.33		
	For Embossed Panel Door, Add		265.35		
	For Baked Enamel Finish, Add		352.04		
	For 20 Minute Fire Rated Door, Add		27.63		
	For 45 Minute Fire Rated Door, Add		41.40		
	For 60 Minute Fire Rated Door, Add		55.27		
	For 90 Minute Fire Rated Door, Add		93.38		
	For 3 Hour Fire Rated Door, Add		131.50		
	For >50 To 100, Deduct		-65.45		
	For >100, Deduct		-96.49		
	For 2" Thick Door, Add		83.55		
	For Polystyrene Core, Add		110.56		
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add		276.41		
	For Continuously Welded And Filled Vertical Edge Seam, Add		138.21		
	For Steel Stiffened, Add		276.41		
08 13 13 13-0113	EA 4' x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door		1,368.50		73.24
	For Up To 1' Extra Height, Add		338.13		
	For 1' To 1'-6" Extra Height, Add		645.10		
	For 14 Gauge, Level 4 Maximum Duty, Add		488.81		
	For Galvanized Steel Door, Add		244.40		
	For Type 304 Stainless Steel Door, Add		977.62		
	For Type 316 Stainless Steel Door, Add		1,588.63		
	For Embossed Panel Door, Add		293.28		
	For Baked Enamel Finish, Add		388.58		
	For 20 Minute Fire Rated Door, Add		27.63		
	For 45 Minute Fire Rated Door, Add		41.40		
	For 60 Minute Fire Rated Door, Add		55.27		
	For 90 Minute Fire Rated Door, Add		93.38		
	For 3 Hour Fire Rated Door, Add		131.50		
	For >50 To 100, Deduct		-72.09		
	For >100, Deduct		-106.30		
	For 2" Thick Door, Add		92.26		
	For Polystyrene Core, Add		122.20		
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add		305.51		
	For Continuously Welded And Filled Vertical Edge Seam, Add		152.75		
	For Steel Stiffened, Add		305.51		

08 13 13 53 Custom Hollow Metal Doors (08 13 13)

08 13 13 53-0001 Steel 18 Gauge 1-3/4" Unrated Door (08 13 13 53)

08 Openings**08 10 Doors and Frames****08 13 Metal Doors**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 13 13 53-0002	EA	2'-2" Or 2'-4" x 6'-9" x 1-3/4", 18 Gauge, Unrated, With Semicircular Head, Hollow Metal Door.....	1,974.05	135.63
		<i>For 16 Gauge Door, Add</i>	20.30	
08 13 13 53-0003	EA	2'-6" x 6'-9" x 1-3/4", 18 Gauge, Unrated, With Semicircular Head, Hollow Metal Door.....	2,067.40	162.75
		<i>For 16 Gauge Door, Add</i>	20.30	

08 13 73 Sliding Metal Doors (08 13)

08 13 73 00-0001		Sliding Bypass Mirror Doors (08 13 73)		
		Note: Includes 3.0 mm thick, steel frameless safety backed mirrors with anti-jump rollers and guides.		
08 13 73 00-0002	EA	4' x 6' 8", Sliding Bypass Mirror Doors.....	501.93	81.38
08 13 73 00-0003	EA	5' x 6' 8", Sliding Bypass Mirror Doors.....	571.77	86.81
08 13 73 00-0004	EA	6' x 6' 8", Sliding Bypass Mirror Doors.....	641.62	92.22
08 13 73 00-0005	EA	8' x 6' 8", Sliding Bypass Mirror Doors.....	770.44	97.65

08 13 76 Bifolding Metal Doors (08 13)

08 13 76 00-0001		Bi-Fold Metal Doors (08 13 76)		
08 13 76 00-0002		Steel Full Louver Bi-Fold Doors (08 13 76 00-0001)		
08 13 76 00-0003	EA	1'-6", Two 1" Doors, Painted, 24 Gauge Steel, Full Louvered Bi-Fold.....	251.48	59.65
08 13 76 00-0004	EA	2'-0", Two 1" Doors, Painted, 24 Gauge Steel, Full Louvered Bi-Fold.....	272.59	65.07
08 13 76 00-0005	EA	2'-6", Two 1" Doors, Painted, 24 Gauge Steel, Full Louvered Bi-Fold.....	297.11	70.50
08 13 76 00-0006	EA	3'-0", Two 1" Doors, Painted, 24 Gauge Steel, Full Louvered Bi-Fold.....	333.61	81.34
08 13 76 00-0007	EA	4'-0", Four 1" Doors, Painted, 24 Gauge Steel, Full Louvered Bi-Fold.....	436.78	86.77
08 13 76 00-0008	EA	5'-0", Four 1" Doors, Painted, 24 Gauge Steel, Full Louvered Bi-Fold.....	477.26	92.18
08 13 76 00-0009	EA	6'-0", Four 1" Doors, Painted, 24 Gauge Steel, Full Louvered Bi-Fold.....	506.34	97.61

08 13 76 00-0010		Steel Half Louver, Half Panel Bi-Fold Doors (08 13 76 00-0001)		
08 13 76 00-0011	EA	2'-0", Two 1" Doors, Painted, 24 Gauge Steel, Half Louvered Half Paneled Bi-Fold.....	286.27	65.07
08 13 76 00-0012	EA	2'-6", Two 1" Doors, Painted, 24 Gauge Steel, Half Louvered Half Paneled Bi-Fold.....	311.92	70.50
08 13 76 00-0013	EA	3'-0", Two 1" Doors, Painted, 24 Gauge Steel, Half Louvered Half Paneled Bi-Fold.....	342.73	81.34
08 13 76 00-0014	EA	4'-0", Four 1" Doors, Painted, 24 Gauge Steel, Half Louvered Half Paneled Bi-Fold.....	461.85	86.77
08 13 76 00-0015	EA	5'-0", Four 1" Doors, Painted, 24 Gauge Steel, Half Louvered Half Paneled Bi-Fold.....	495.50	92.18
08 13 76 00-0016	EA	6'-0", Four 1" Doors, Painted, 24 Gauge Steel, Half Louvered Half Paneled Bi-Fold.....	533.69	97.61

08 14 Wood Doors (08 10)

Note: Includes machining for all hardware, except mortised locks. Excludes frames, finish hardware (unless note states included).
See CSI section 08 05 13 00-0040 for mortise preparation, 08 70 00 00-0000 for finish hardware.

08 14 16 Flush Wood Doors (08 14)

08 14 16 00-0001		1-3/8" Thick, Hollow Core (HC), Wood Doors (08 14 16)		
08 14 16 00-0002		Birch Faced Wood Door (08 14 16 00-0001)		
08 14 16 00-0003	EA	2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....	234.05	59.67
		<i>For >50 To 100, Deduct</i>	-14.69	
		<i>For >100, Deduct</i>	-20.54	
08 14 16 00-0004	EA	2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....	234.05	59.67
		<i>For >50 To 100, Deduct</i>	-14.69	
		<i>For >100, Deduct</i>	-20.54	
08 14 16 00-0005	EA	2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....	247.59	62.39
		<i>For >50 To 100, Deduct</i>	-15.50	
		<i>For >100, Deduct</i>	-21.69	
08 14 16 00-0006	EA	2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....	253.57	62.39
		<i>For >50 To 100, Deduct</i>	-15.80	
		<i>For >100, Deduct</i>	-22.14	
08 14 16 00-0007	EA	2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....	254.97	62.39
		<i>For >50 To 100, Deduct</i>	-15.87	
		<i>For >100, Deduct</i>	-22.24	
08 14 16 00-0008	EA	3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....	261.11	65.10
		<i>For >50 To 100, Deduct</i>	-16.31	
		<i>For >100, Deduct</i>	-22.84	
08 14 16 00-0009	EA	3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....	273.89	65.10
		<i>For >50 To 100, Deduct</i>	-16.95	
		<i>For >100, Deduct</i>	-23.80	
08 14 16 00-0010	EA	3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....	288.52	67.81
		<i>For >50 To 100, Deduct</i>	-17.82	
		<i>For >100, Deduct</i>	-25.03	
08 14 16 00-0011	EA	2'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....	240.74	59.67
		<i>For >50 To 100, Deduct</i>	-15.02	
		<i>For >100, Deduct</i>	-21.04	
08 14 16 00-0012	EA	2'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....	240.74	59.67
		<i>For >50 To 100, Deduct</i>	-15.02	
		<i>For >100, Deduct</i>	-21.04	
08 14 16 00-0013	EA	2'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....	254.75	62.39
		<i>For >50 To 100, Deduct</i>	-15.86	
		<i>For >100, Deduct</i>	-22.23	
08 14 16 00-0014	EA	2'-8" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....	261.07	62.39
		<i>For >50 To 100, Deduct</i>	-16.17	
		<i>For >100, Deduct</i>	-22.70	



		Openings	08	08
		Doors and Frames	08 10	
		Wood Doors	08 14	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0015	EA		2'-10" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	262.55	62.39
			For >50 To 100, Deduct	-16.25	
			For >100, Deduct	-22.81	
08 14 16 00-0016	EA		3'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	268.72	65.10
			For >50 To 100, Deduct	-16.69	
			For >100, Deduct	-23.41	
08 14 16 00-0017	EA		3'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	282.25	65.10
			For >50 To 100, Deduct	-17.37	
			For >100, Deduct	-24.42	
08 14 16 00-0018	EA		3'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	297.41	67.81
			For >50 To 100, Deduct	-18.26	
			For >100, Deduct	-25.70	
08 14 16 00-0019	EA		2'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	264.40	59.67
			For >50 To 100, Deduct	-16.20	
			For >100, Deduct	-22.81	
			For 9' Door Height, Add	30.46	
08 14 16 00-0020	EA		2'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	264.40	59.67
			For >50 To 100, Deduct	-16.20	
			For >100, Deduct	-22.81	
			For 9' Door Height, Add	30.46	
08 14 16 00-0021	EA		2'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	280.10	62.39
			For >50 To 100, Deduct	-17.12	
			For >100, Deduct	-24.13	
			For 9' Door Height, Add	32.62	
08 14 16 00-0022	EA		2'-8" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	287.64	62.39
			For >50 To 100, Deduct	-17.50	
			For >100, Deduct	-24.69	
			For 9' Door Height, Add	34.20	
08 14 16 00-0023	EA		2'-10" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	289.42	62.39
			For >50 To 100, Deduct	-17.59	
			For >100, Deduct	-24.83	
			For 9' Door Height, Add	34.58	
08 14 16 00-0024	EA		3'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	295.73	65.10
			For >50 To 100, Deduct	-18.04	
			For >100, Deduct	-25.43	
			For 9' Door Height, Add	34.76	
08 14 16 00-0025	EA		3'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	311.90	65.10
			For >50 To 100, Deduct	-18.85	
			For >100, Deduct	-26.65	
			For 9' Door Height, Add	38.16	
08 14 16 00-0026	EA		3'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	328.95	67.81
			For >50 To 100, Deduct	-19.84	
			For >100, Deduct	-28.06	
			For 9' Door Height, Add	40.60	
08 14 16 00-0027			Oak Faced Wood Door (08 14 16 00-0001)		
08 14 16 00-0028	EA		2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	295.03	59.67
			For >50 To 100, Deduct	-17.74	
			For >100, Deduct	-25.11	
08 14 16 00-0029	EA		2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	295.03	59.67
			For >50 To 100, Deduct	-17.74	
			For >100, Deduct	-25.11	
08 14 16 00-0030	EA		2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	312.89	62.39
			For >50 To 100, Deduct	-18.76	
			For >100, Deduct	-26.59	
08 14 16 00-0031	EA		2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	322.05	62.39
			For >50 To 100, Deduct	-19.22	
			For >100, Deduct	-27.27	
08 14 16 00-0032	EA		2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	323.67	62.39
			For >50 To 100, Deduct	-19.30	
			For >100, Deduct	-27.39	
08 14 16 00-0033	EA		3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	330.71	65.10
			For >50 To 100, Deduct	-19.79	
			For >100, Deduct	-28.06	
08 14 16 00-0034	EA		3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	350.27	65.10
			For >50 To 100, Deduct	-20.77	
			For >100, Deduct	-29.53	
08 14 16 00-0035	EA		3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	369.79	67.81
			For >50 To 100, Deduct	-21.88	
			For >100, Deduct	-31.13	
08 14 16 00-0036	EA		2'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	305.25	59.67
			For >50 To 100, Deduct	-18.25	
			For >100, Deduct	-25.88	
08 14 16 00-0037	EA		2'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	305.25	59.67
			For >50 To 100, Deduct	-18.25	
			For >100, Deduct	-25.88	
08 14 16 00-0038	EA		2'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	323.84	62.39
			For >50 To 100, Deduct	-19.31	
			For >100, Deduct	-27.41	
08 14 16 00-0039	EA		2'-8" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	333.53	62.39
			For >50 To 100, Deduct	-19.80	
			For >100, Deduct	-28.13	

08 Openings**08 10 Doors and Frames****08 14 Wood Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0040	EA	2'-10" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	.....	335.24	62.39
		For >50 To 100, Deduct		-19.88	
		For >100, Deduct		-28.26	
08 14 16 00-0041	EA	3'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	.....	342.37	65.10
		For >50 To 100, Deduct		-20.37	
		For >100, Deduct		-28.93	
08 14 16 00-0042	EA	3'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	.....	363.07	65.10
		For >50 To 100, Deduct		-21.41	
		For >100, Deduct		-30.49	
08 14 16 00-0043	EA	3'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	.....	383.42	67.81
		For >50 To 100, Deduct		-22.56	
		For >100, Deduct		-32.15	
08 14 16 00-0044	EA	2'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	.....	341.51	59.67
		For >50 To 100, Deduct		-20.06	
		For >100, Deduct		-28.60	
		For 9' Door Height, Add		46.65	
08 14 16 00-0045	EA	2'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	.....	341.51	59.67
		For >50 To 100, Deduct		-20.06	
		For >100, Deduct		-28.60	
		For 9' Door Height, Add		46.65	
08 14 16 00-0046	EA	2'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	.....	362.66	62.39
		For >50 To 100, Deduct		-21.25	
		For >100, Deduct		-30.32	
		For 9' Door Height, Add		49.96	
08 14 16 00-0047	EA	2'-8" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	.....	374.23	62.39
		For >50 To 100, Deduct		-21.83	
		For >100, Deduct		-31.19	
		For 9' Door Height, Add		52.39	
08 14 16 00-0048	EA	2'-10" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	.....	376.28	62.39
		For >50 To 100, Deduct		-21.93	
		For >100, Deduct		-31.34	
		For 9' Door Height, Add		52.82	
08 14 16 00-0049	EA	3'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	.....	383.74	65.10
		For >50 To 100, Deduct		-22.44	
		For >100, Deduct		-32.04	
		For 9' Door Height, Add		53.24	
08 14 16 00-0050	EA	3'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	.....	408.49	65.10
		For >50 To 100, Deduct		-23.68	
		For >100, Deduct		-33.89	
		For 9' Door Height, Add		58.44	
08 14 16 00-0051	EA	3'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	.....	431.75	67.81
		For >50 To 100, Deduct		-24.98	
		For >100, Deduct		-35.77	
		For 9' Door Height, Add		62.19	
08 14 16 00-0052		Maple Faced Wood Door (08 14 16 00-0001)			
08 14 16 00-0053	EA	2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	.....	289.60	59.67
		For >50 To 100, Deduct		-17.46	
		For >100, Deduct		-24.70	
08 14 16 00-0054	EA	2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	.....	289.60	59.67
		For >50 To 100, Deduct		-17.46	
		For >100, Deduct		-24.70	
08 14 16 00-0055	EA	2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	.....	307.06	62.39
		For >50 To 100, Deduct		-18.47	
		For >100, Deduct		-26.15	
08 14 16 00-0056	EA	2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	.....	315.95	62.39
		For >50 To 100, Deduct		-18.92	
		For >100, Deduct		-26.82	
08 14 16 00-0057	EA	2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	.....	317.52	62.39
		For >50 To 100, Deduct		-19.00	
		For >100, Deduct		-26.93	
08 14 16 00-0058	EA	3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	.....	324.51	65.10
		For >50 To 100, Deduct		-19.48	
		For >100, Deduct		-27.59	
08 14 16 00-0059	EA	3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	.....	343.46	65.10
		For >50 To 100, Deduct		-20.43	
		For >100, Deduct		-29.01	
08 14 16 00-0060	EA	3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	.....	362.54	67.81
		For >50 To 100, Deduct		-21.52	
		For >100, Deduct		-30.58	
08 14 16 00-0061	EA	2'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	.....	299.49	59.67
		For >50 To 100, Deduct		-17.96	
		For >100, Deduct		-25.45	
08 14 16 00-0062	EA	2'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	.....	299.49	59.67
		For >50 To 100, Deduct		-17.96	
		For >100, Deduct		-25.45	
08 14 16 00-0063	EA	2'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	.....	317.68	62.39
		For >50 To 100, Deduct		-19.00	
		For >100, Deduct		-26.95	
08 14 16 00-0064	EA	2'-8" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	.....	327.07	62.39
		For >50 To 100, Deduct		-19.47	
		For >100, Deduct		-27.65	



		Openings	08	08
		Doors and Frames	08 10	
		Wood Doors	08 14	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0065	EA		2'-10" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....	328.73	62.39
			For >50 To 100, Deduct	-19.56	
			For >100, Deduct	-27.77	
08 14 16 00-0066	EA		3'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....	335.80	65.10
			For >50 To 100, Deduct	-20.05	
			For >100, Deduct	-28.44	
08 14 16 00-0067	EA		3'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....	355.86	65.10
			For >50 To 100, Deduct	-21.05	
			For >100, Deduct	-29.94	
08 14 16 00-0068	EA		3'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....	375.75	67.81
			For >50 To 100, Deduct	-22.18	
			For >100, Deduct	-31.57	
08 14 16 00-0069	EA		2'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....	334.63	59.67
			For >50 To 100, Deduct	-19.72	
			For >100, Deduct	-28.08	
			For 9' Door Height, Add	45.21	
08 14 16 00-0070	EA		2'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....	334.63	59.67
			For >50 To 100, Deduct	-19.72	
			For >100, Deduct	-28.08	
			For 9' Door Height, Add	45.21	
08 14 16 00-0071	EA		2'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....	355.29	62.39
			For >50 To 100, Deduct	-20.88	
			For >100, Deduct	-29.77	
			For 9' Door Height, Add	48.41	
08 14 16 00-0072	EA		2'-8" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....	366.50	62.39
			For >50 To 100, Deduct	-21.44	
			For >100, Deduct	-30.61	
			For 9' Door Height, Add	50.76	
08 14 16 00-0073	EA		2'-10" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....	368.50	62.39
			For >50 To 100, Deduct	-21.54	
			For >100, Deduct	-30.76	
			For 9' Door Height, Add	51.18	
08 14 16 00-0074	EA		3'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....	375.89	65.10
			For >50 To 100, Deduct	-22.05	
			For >100, Deduct	-31.45	
			For 9' Door Height, Add	51.59	
08 14 16 00-0075	EA		3'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....	399.89	65.10
			For >50 To 100, Deduct	-23.25	
			For >100, Deduct	-33.25	
			For 9' Door Height, Add	56.63	
08 14 16 00-0076	EA		3'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....	422.58	67.81
			For >50 To 100, Deduct	-24.52	
			For >100, Deduct	-35.08	
			For 9' Door Height, Add	60.26	
08 14 16 00-0077	Lauan Faced Wood Doors (08 14 16 00-0001)				
08 14 16 00-0078	EA		2'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	206.56	59.67
			For >50 To 100, Deduct	-13.31	
			For >100, Deduct	-18.48	
08 14 16 00-0079	EA		2'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	206.56	59.67
			For >50 To 100, Deduct	-13.31	
			For >100, Deduct	-18.48	
08 14 16 00-0080	EA		2'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	217.88	62.39
			For >50 To 100, Deduct	-14.01	
			For >100, Deduct	-19.46	
08 14 16 00-0081	EA		2'-8" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	222.87	62.39
			For >50 To 100, Deduct	-14.26	
			For >100, Deduct	-19.83	
08 14 16 00-0082	EA		2'-10" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	224.63	62.39
			For >50 To 100, Deduct	-14.35	
			For >100, Deduct	-19.97	
08 14 16 00-0083	EA		3'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	231.82	65.10
			For >50 To 100, Deduct	-14.85	
			For >100, Deduct	-20.64	
08 14 16 00-0084	EA		3'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	241.53	65.10
			For >50 To 100, Deduct	-15.33	
			For >100, Deduct	-21.37	
08 14 16 00-0085	EA		3'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	254.10	67.81
			For >50 To 100, Deduct	-16.10	
			For >100, Deduct	-22.45	
08 14 16 00-0086	EA		2'-0" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	211.63	59.67
			For >50 To 100, Deduct	-13.57	
			For >100, Deduct	-18.86	
08 14 16 00-0087	EA		2'-4" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	210.10	59.67
			For >50 To 100, Deduct	-13.49	
			For >100, Deduct	-18.74	
08 14 16 00-0088	EA		2'-6" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	223.30	62.39
			For >50 To 100, Deduct	-14.28	
			For >100, Deduct	-19.87	
08 14 16 00-0089	EA		2'-8" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	228.57	62.39
			For >50 To 100, Deduct	-14.55	
			For >100, Deduct	-20.26	

08 Openings**08 10 Doors and Frames****08 14 Wood Doors**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0090	EA	2'-10" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door..... For>50 To 100, Deduct For>100, Deduct	228.70 -14.55 -20.27	62.39
08 14 16 00-0091	EA	3'-0" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door..... For>50 To 100, Deduct For>100, Deduct	237.73 -15.14 -21.08	65.10
08 14 16 00-0092	EA	3'-4" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door..... For>50 To 100, Deduct For>100, Deduct	248.01 -15.66 -21.86	65.10
08 14 16 00-0093	EA	3'-6" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door..... For>50 To 100, Deduct For>100, Deduct	258.92 -16.34 -22.81	67.81
08 14 16 00-0094	EA	2'-0" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door..... For>50 To 100, Deduct For>100, Deduct For 9' Door Height, Add	229.63 -14.47 -20.21 23.16	59.67
08 14 16 00-0095	EA	2'-4" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door..... For>50 To 100, Deduct For>100, Deduct For 9' Door Height, Add	229.61 -14.46 -20.20 23.15	59.67
08 14 16 00-0096	EA	2'-6" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door..... For>50 To 100, Deduct For>100, Deduct For 9' Door Height, Add	242.51 -15.24 -21.31 24.73	62.39
08 14 16 00-0097	EA	2'-8" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door..... For>50 To 100, Deduct For>100, Deduct For 9' Door Height, Add	248.81 -15.56 -21.78 26.05	62.39
08 14 16 00-0098	EA	2'-10" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door..... For>50 To 100, Deduct For>100, Deduct For 9' Door Height, Add	251.05 -15.67 -21.95 26.52	62.39
08 14 16 00-0099	EA	3'-0" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door..... For>50 To 100, Deduct For>100, Deduct For 9' Door Height, Add	258.70 -16.19 -22.66 26.99	65.10
08 14 16 00-0100	EA	3'-4" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door..... For>50 To 100, Deduct For>100, Deduct For 9' Door Height, Add	270.99 -16.80 -23.58 29.57	65.10
08 14 16 00-0101	EA	3'-6" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door..... For>50 To 100, Deduct For>100, Deduct For 9' Door Height, Add	285.41 -17.66 -24.80 31.45	67.81
08 14 16 00-0102	Medium Density Overlay (MDO) Faced Wood Doors (08 14 16 00-0001)			
08 14 16 00-0103	EA	2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door..... For>50 To 100, Deduct For>100, Deduct	222.11 -14.09 -19.64	59.67
08 14 16 00-0104	EA	2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door..... For>50 To 100, Deduct For>100, Deduct	222.11 -14.09 -19.64	59.67
08 14 16 00-0105	EA	2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door..... For>50 To 100, Deduct For>100, Deduct	235.02 -14.87 -20.75	62.39
08 14 16 00-0106	EA	2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door..... For>50 To 100, Deduct For>100, Deduct	238.56 -15.05 -21.01	62.39
08 14 16 00-0107	EA	2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door..... For>50 To 100, Deduct For>100, Deduct	242.13 -15.23 -21.28	62.39
08 14 16 00-0108	EA	3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door..... For>50 To 100, Deduct For>100, Deduct	251.10 -15.81 -22.09	65.10
08 14 16 00-0109	EA	3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door..... For>50 To 100, Deduct For>100, Deduct	264.40 -16.48 -23.09	65.10
08 14 16 00-0110	EA	3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door..... For>50 To 100, Deduct For>100, Deduct	278.41 -17.31 -24.27	67.81
08 14 16 00-0111	EA	2'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door..... For>50 To 100, Deduct For>100, Deduct	228.09 -14.39 -20.09	59.67
08 14 16 00-0112	EA	2'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door..... For>50 To 100, Deduct For>100, Deduct	228.09 -14.39 -20.09	59.67
08 14 16 00-0113	EA	2'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door..... For>50 To 100, Deduct For>100, Deduct	241.42 -15.19 -21.23	62.39
08 14 16 00-0114	EA	2'-8" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door..... For>50 To 100, Deduct For>100, Deduct	245.19 -15.38 -21.51	62.39



Openings			08	08
Doors and Frames			08 10	
Wood Doors			08 14	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0115	EA		2'-10" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	248.96	62.39
			For >50 To 100, Deduct	-15.57	
			For >100, Deduct	-21.79	
08 14 16 00-0116	EA		3'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	258.14	65.10
			For >50 To 100, Deduct	-16.16	
			For >100, Deduct	-22.62	
08 14 16 00-0117	EA		3'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	272.21	65.10
			For >50 To 100, Deduct	-16.87	
			For >100, Deduct	-23.67	
08 14 16 00-0118	EA		3'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	286.72	67.81
			For >50 To 100, Deduct	-17.73	
			For >100, Deduct	-24.89	
08 14 16 00-0119	EA		2'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	249.27	59.67
			For >50 To 100, Deduct	-15.45	
			For >100, Deduct	-21.68	
			For 9' Door Height, Add	27.28	
08 14 16 00-0120	EA		2'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	249.30	59.67
			For >50 To 100, Deduct	-15.45	
			For >100, Deduct	-21.68	
			For 9' Door Height, Add	27.29	
08 14 16 00-0121	EA		2'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	264.17	62.39
			For >50 To 100, Deduct	-16.33	
			For >100, Deduct	-22.93	
			For 9' Door Height, Add	29.27	
08 14 16 00-0122	EA		2'-8" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	268.68	62.39
			For >50 To 100, Deduct	-16.55	
			For >100, Deduct	-23.27	
			For 9' Door Height, Add	30.22	
08 14 16 00-0123	EA		2'-10" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	273.19	62.39
			For >50 To 100, Deduct	-16.78	
			For >100, Deduct	-23.61	
			For 9' Door Height, Add	31.17	
08 14 16 00-0124	EA		3'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	283.10	65.10
			For >50 To 100, Deduct	-17.41	
			For >100, Deduct	-24.49	
			For 9' Door Height, Add	32.11	
08 14 16 00-0125	EA		3'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	299.92	65.10
			For >50 To 100, Deduct	-18.25	
			For >100, Deduct	-25.75	
			For 9' Door Height, Add	35.64	
08 14 16 00-0126	EA		3'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	316.19	67.81
			For >50 To 100, Deduct	-19.20	
			For >100, Deduct	-27.11	
			For 9' Door Height, Add	37.92	
08 14 16 00-0127			1-3/4" Thick, Hollow Core (HC), Wood Doors (08 14 16)		
08 14 16 00-0128			Birch Faced Wood Doors (08 14 16 00-0127)		
08 14 16 00-0129	EA		2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....	262.72	59.67
			For >50 To 100, Deduct	-16.12	
			For >100, Deduct	-22.69	
08 14 16 00-0130	EA		2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....	262.72	59.67
			For >50 To 100, Deduct	-16.12	
			For >100, Deduct	-22.69	
08 14 16 00-0131	EA		2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....	273.53	62.39
			For >50 To 100, Deduct	-16.80	
			For >100, Deduct	-23.63	
08 14 16 00-0132	EA		2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....	275.55	62.39
			For >50 To 100, Deduct	-16.90	
			For >100, Deduct	-23.79	
08 14 16 00-0133	EA		2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....	279.96	62.39
			For >50 To 100, Deduct	-17.12	
			For >100, Deduct	-24.12	
08 14 16 00-0134	EA		3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....	289.80	65.10
			For >50 To 100, Deduct	-17.75	
			For >100, Deduct	-24.99	
08 14 16 00-0135	EA		3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....	313.20	65.10
			For >50 To 100, Deduct	-18.92	
			For >100, Deduct	-26.75	
08 14 16 00-0136	EA		3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....	366.12	67.81
			For >50 To 100, Deduct	-21.70	
			For >100, Deduct	-30.85	
08 14 16 00-0137	EA		3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....	377.65	67.81
			For >50 To 100, Deduct	-22.27	
			For >100, Deduct	-31.71	
08 14 16 00-0138	EA		4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....	400.70	67.81
			For >50 To 100, Deduct	-23.43	
			For >100, Deduct	-33.44	
08 14 16 00-0139	EA		2'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....	271.07	59.67
			For >50 To 100, Deduct	-16.54	
			For >100, Deduct	-23.31	
08 14 16 00-0140	EA		2'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....	271.06	59.67
			For >50 To 100, Deduct	-16.54	
			For >100, Deduct	-23.31	

08 Openings**08 10 Doors and Frames****08 14 Wood Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0141	EA	2'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	.....	282.19	62.39
		For >50 To 100, Deduct	.....	-17.23	
		For >100, Deduct	.....	-24.28	
08 14 16 00-0142	EA	2'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	.....	284.32	62.39
		For >50 To 100, Deduct	.....	-17.34	
		For >100, Deduct	.....	-24.44	
08 14 16 00-0143	EA	2'-10" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	.....	288.99	62.39
		For >50 To 100, Deduct	.....	-17.57	
		For >100, Deduct	.....	-24.79	
08 14 16 00-0144	EA	3'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	.....	299.08	65.10
		For >50 To 100, Deduct	.....	-18.21	
		For >100, Deduct	.....	-25.69	
08 14 16 00-0145	EA	3'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	.....	323.85	65.10
		For >50 To 100, Deduct	.....	-19.45	
		For >100, Deduct	.....	-27.54	
08 14 16 00-0146	EA	3'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	.....	379.55	67.81
		For >50 To 100, Deduct	.....	-22.37	
		For >100, Deduct	.....	-31.86	
08 14 16 00-0147	EA	3'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	.....	391.73	67.81
		For >50 To 100, Deduct	.....	-22.98	
		For >100, Deduct	.....	-32.77	
08 14 16 00-0148	EA	4'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	.....	416.13	67.81
		For >50 To 100, Deduct	.....	-24.20	
		For >100, Deduct	.....	-34.60	
08 14 16 00-0149	EA	2'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	.....	300.65	59.67
		For >50 To 100, Deduct	.....	-18.02	
		For >100, Deduct	.....	-25.53	
		For 9' Door Height, Add	.....	38.07	
08 14 16 00-0150	EA	2'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	.....	300.65	59.67
		For >50 To 100, Deduct	.....	-18.02	
		For >100, Deduct	.....	-25.53	
		For 9' Door Height, Add	.....	38.07	
08 14 16 00-0151	EA	2'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	.....	312.89	62.39
		For >50 To 100, Deduct	.....	-18.76	
		For >100, Deduct	.....	-26.59	
		For 9' Door Height, Add	.....	39.51	
08 14 16 00-0152	EA	2'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	.....	315.43	62.39
		For >50 To 100, Deduct	.....	-18.89	
		For >100, Deduct	.....	-26.78	
		For 9' Door Height, Add	.....	40.04	
08 14 16 00-0153	EA	2'-10" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	.....	321.03	62.39
		For >50 To 100, Deduct	.....	-19.17	
		For >100, Deduct	.....	-27.20	
		For 9' Door Height, Add	.....	41.21	
08 14 16 00-0154	EA	3'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	.....	332.00	65.10
		For >50 To 100, Deduct	.....	-19.86	
		For >100, Deduct	.....	-28.16	
		For 9' Door Height, Add	.....	42.38	
08 14 16 00-0155	EA	3'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	.....	361.62	65.10
		For >50 To 100, Deduct	.....	-21.34	
		For >100, Deduct	.....	-30.38	
		For 9' Door Height, Add	.....	48.60	
08 14 16 00-0156	EA	3'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	.....	427.11	67.81
		For >50 To 100, Deduct	.....	-24.75	
		For >100, Deduct	.....	-35.42	
		For 9' Door Height, Add	.....	61.21	
08 14 16 00-0157	EA	3'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	.....	441.67	67.81
		For >50 To 100, Deduct	.....	-25.47	
		For >100, Deduct	.....	-36.52	
		For 9' Door Height, Add	.....	64.27	
08 14 16 00-0158	EA	4'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	.....	470.83	67.81
		For >50 To 100, Deduct	.....	-26.93	
		For >100, Deduct	.....	-38.70	
		For 9' Door Height, Add	.....	70.39	
08 14 16 00-0159		Oak Faced Wood Doors (08 14 16 00-0127)			
08 14 16 00-0160	EA	2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	.....	352.96	59.67
		For >50 To 100, Deduct	.....	-20.63	
		For >100, Deduct	.....	-29.46	
08 14 16 00-0161	EA	2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	.....	352.96	59.67
		For >50 To 100, Deduct	.....	-20.63	
		For >100, Deduct	.....	-29.46	
08 14 16 00-0162	EA	2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	.....	367.15	62.39
		For >50 To 100, Deduct	.....	-21.48	
		For >100, Deduct	.....	-30.66	
08 14 16 00-0163	EA	2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	.....	370.44	62.39
		For >50 To 100, Deduct	.....	-21.64	
		For >100, Deduct	.....	-30.90	
08 14 16 00-0164	EA	2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	.....	377.64	62.39
		For >50 To 100, Deduct	.....	-22.00	
		For >100, Deduct	.....	-31.44	
08 14 16 00-0165	EA	3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	.....	390.23	65.10
		For >50 To 100, Deduct	.....	-22.77	
		For >100, Deduct	.....	-32.52	



		Openings	08	08
		Doors and Frames	08 10	
		Wood Doors	08 14	

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST		UNIT COST
08 14 16 00-0166	EA 3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door For >50 To 100, Deduct For >100, Deduct	428.37 -24.67 -35.38		65.10
08 14 16 00-0167	EA 3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door For >50 To 100, Deduct For >100, Deduct	511.20 -28.95 -41.73		67.81
08 14 16 00-0168	EA 3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door For >50 To 100, Deduct For >100, Deduct	529.99 -29.89 -43.14		67.81
08 14 16 00-0169	EA 4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door For >50 To 100, Deduct For >100, Deduct	567.57 -31.77 -45.96		67.81
08 14 16 00-0170	EA 2'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door For >50 To 100, Deduct For >100, Deduct	366.55 -21.31 -30.48		59.67
08 14 16 00-0171	EA 2'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door For >50 To 100, Deduct For >100, Deduct	366.56 -21.31 -30.48		59.67
08 14 16 00-0172	EA 2'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door For >50 To 100, Deduct For >100, Deduct	381.26 -22.18 -31.71		62.39
08 14 16 00-0173	EA 2'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door For >50 To 100, Deduct For >100, Deduct	384.74 -22.36 -31.97		62.39
08 14 16 00-0174	EA 2'-10" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door For >50 To 100, Deduct For >100, Deduct	392.35 -22.74 -32.55		62.39
08 14 16 00-0175	EA 3'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door For >50 To 100, Deduct For >100, Deduct	405.36 -23.52 -33.66		65.10
08 14 16 00-0176	EA 3'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door For >50 To 100, Deduct For >100, Deduct	445.72 -25.54 -36.68		65.10
08 14 16 00-0177	EA 3'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door For >50 To 100, Deduct For >100, Deduct	533.06 -30.04 -43.37		67.81
08 14 16 00-0178	EA 3'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door For >50 To 100, Deduct For >100, Deduct	552.95 -31.04 -44.86		67.81
08 14 16 00-0179	EA 4'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door For >50 To 100, Deduct For >100, Deduct	592.71 -33.03 -47.84		67.81
08 14 16 00-0180	EA 2'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	414.74 -23.72 -34.09 62.03		59.67
08 14 16 00-0181	EA 2'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	414.77 -23.72 -34.09 62.04		59.67
08 14 16 00-0182	EA 2'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	431.28 -24.68 -35.47 64.37		62.39
08 14 16 00-0183	EA 2'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	435.42 -24.89 -35.78 65.24		62.39
08 14 16 00-0184	EA 2'-10" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	444.52 -25.35 -36.46 67.15		62.39
08 14 16 00-0185	EA 3'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	459.02 -26.21 -37.68 69.05		65.10
08 14 16 00-0186	EA 3'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	507.27 -28.62 -41.30 79.18		65.10
08 14 16 00-0187	EA 3'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	610.56 -33.92 -49.18 99.74		67.81
08 14 16 00-0188	EA 3'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	634.34 -35.11 -50.97 104.73		67.81
08 14 16 00-0189	EA 4'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	681.85 -37.48 -54.53 114.71		67.81

08 14 16 00-0190 Maple Faced Wood Doors (08 14 16 00-0127)

08 Openings**08 10 Doors and Frames****08 14 Wood Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0191	EA	2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	.....	345.73	59.67
		For >50 To 100, Deduct	.....	-20.27	
		For >100, Deduct	.....	-28.91	
08 14 16 00-0192	EA	2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	.....	345.73	59.67
		For >50 To 100, Deduct	.....	-20.27	
		For >100, Deduct	.....	-28.91	
08 14 16 00-0193	EA	2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	.....	359.65	62.39
		For >50 To 100, Deduct	.....	-21.10	
		For >100, Deduct	.....	-30.09	
08 14 16 00-0194	EA	2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	.....	362.97	62.39
		For >50 To 100, Deduct	.....	-21.27	
		For >100, Deduct	.....	-30.34	
08 14 16 00-0195	EA	2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	.....	369.87	62.39
		For >50 To 100, Deduct	.....	-21.61	
		For >100, Deduct	.....	-30.86	
08 14 16 00-0196	EA	3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	.....	382.18	65.10
		For >50 To 100, Deduct	.....	-22.36	
		For >100, Deduct	.....	-31.92	
08 14 16 00-0197	EA	3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	.....	419.14	65.10
		For >50 To 100, Deduct	.....	-24.21	
		For >100, Deduct	.....	-34.69	
08 14 16 00-0198	EA	3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	.....	481.48	67.81
		For >50 To 100, Deduct	.....	-27.46	
		For >100, Deduct	.....	-39.50	
08 14 16 00-0199	EA	3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	.....	517.78	67.81
		For >50 To 100, Deduct	.....	-29.28	
		For >100, Deduct	.....	-42.22	
08 14 16 00-0200	EA	4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	.....	554.20	67.81
		For >50 To 100, Deduct	.....	-31.10	
		For >100, Deduct	.....	-44.96	
08 14 16 00-0201	EA	2'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	.....	358.91	59.67
		For >50 To 100, Deduct	.....	-20.93	
		For >100, Deduct	.....	-29.90	
08 14 16 00-0202	EA	2'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	.....	358.91	59.67
		For >50 To 100, Deduct	.....	-20.93	
		For >100, Deduct	.....	-29.90	
08 14 16 00-0203	EA	2'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	.....	373.31	62.39
		For >50 To 100, Deduct	.....	-21.78	
		For >100, Deduct	.....	-31.12	
08 14 16 00-0204	EA	2'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	.....	376.84	62.39
		For >50 To 100, Deduct	.....	-21.96	
		For >100, Deduct	.....	-31.38	
08 14 16 00-0205	EA	2'-10" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	.....	384.12	62.39
		For >50 To 100, Deduct	.....	-22.33	
		For >100, Deduct	.....	-31.93	
08 14 16 00-0206	EA	3'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	.....	396.83	65.10
		For >50 To 100, Deduct	.....	-23.10	
		For >100, Deduct	.....	-33.02	
08 14 16 00-0207	EA	3'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	.....	435.95	65.10
		For >50 To 100, Deduct	.....	-25.05	
		For >100, Deduct	.....	-35.95	
08 14 16 00-0208	EA	3'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	.....	501.51	67.81
		For >50 To 100, Deduct	.....	-28.47	
		For >100, Deduct	.....	-41.00	
08 14 16 00-0209	EA	3'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	.....	540.04	67.81
		For >50 To 100, Deduct	.....	-30.39	
		For >100, Deduct	.....	-43.89	
08 14 16 00-0210	EA	4'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	.....	578.55	67.81
		For >50 To 100, Deduct	.....	-32.32	
		For >100, Deduct	.....	-46.78	
08 14 16 00-0211	EA	2'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	.....	405.62	59.67
		For >50 To 100, Deduct	.....	-23.27	
		For >100, Deduct	.....	-33.41	
		For 9' Door Height, Add	.....	60.11	
08 14 16 00-0212	EA	2'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	.....	405.62	59.67
		For >50 To 100, Deduct	.....	-23.27	
		For >100, Deduct	.....	-33.41	
		For 9' Door Height, Add	.....	60.11	
08 14 16 00-0213	EA	2'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	.....	421.77	62.39
		For >50 To 100, Deduct	.....	-24.21	
		For >100, Deduct	.....	-34.75	
		For 9' Door Height, Add	.....	62.37	
08 14 16 00-0214	EA	2'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	.....	425.99	62.39
		For >50 To 100, Deduct	.....	-24.42	
		For >100, Deduct	.....	-35.07	
		For 9' Door Height, Add	.....	63.26	
08 14 16 00-0215	EA	2'-10" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	.....	434.67	62.39
		For >50 To 100, Deduct	.....	-24.85	
		For >100, Deduct	.....	-35.72	
		For 9' Door Height, Add	.....	65.08	
08 14 16 00-0216	EA	3'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	.....	448.83	65.10
		For >50 To 100, Deduct	.....	-25.70	
		For >100, Deduct	.....	-36.92	
		For 9' Door Height, Add	.....	66.91	



		Openings	08	08
		Doors and Frames	08 10	
		Wood Doors	08 14	

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST		UNIT COST
08 14 16 00-0217	EA 3'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door..... For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	495.56 -28.03 -40.42 76.73		65.10
08 14 16 00-0218	EA 3'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door..... For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	572.88 -32.03 -46.36 91.82		67.81
08 14 16 00-0219	EA 3'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door..... For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	618.91 -34.34 -49.81 101.49		67.81
08 14 16 00-0220	EA 4'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door..... For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	664.95 -36.64 -53.26 111.16		67.81
08 14 16 00-0221 Walnut Faced Wood Doors (08 14 16 00-0127)				
08 14 16 00-0222	EA 2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door..... For >50 To 100, Deduct For >100, Deduct	435.82 -24.78 -35.67		59.67
08 14 16 00-0223	EA 2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door..... For >50 To 100, Deduct For >100, Deduct	435.82 -24.78 -35.67		59.67
08 14 16 00-0224	EA 2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door..... For >50 To 100, Deduct For >100, Deduct	443.44 -25.29 -36.38		62.39
08 14 16 00-0225	EA 2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door..... For >50 To 100, Deduct For >100, Deduct	457.47 -25.99 -37.43		62.39
08 14 16 00-0226	EA 2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door..... For >50 To 100, Deduct For >100, Deduct	459.61 -26.10 -37.59		62.39
08 14 16 00-0227	EA 3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door..... For >50 To 100, Deduct For >100, Deduct	467.19 -26.61 -38.29		65.10
08 14 16 00-0228	EA 3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door..... For >50 To 100, Deduct For >100, Deduct	504.80 -28.50 -41.12		65.10
08 14 16 00-0229	EA 3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door..... For >50 To 100, Deduct For >100, Deduct	607.33 -33.76 -48.94		67.81
08 14 16 00-0230	EA 3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door..... For >50 To 100, Deduct For >100, Deduct	630.91 -34.94 -50.71		67.81
08 14 16 00-0231	EA 4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door..... For >50 To 100, Deduct For >100, Deduct	678.12 -37.30 -54.25		67.81
08 14 16 00-0232	EA 2'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door..... For >50 To 100, Deduct For >100, Deduct	454.23 -25.70 -37.05		59.67
08 14 16 00-0233	EA 2'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door..... For >50 To 100, Deduct For >100, Deduct	454.23 -25.70 -37.05		59.67
08 14 16 00-0234	EA 2'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door..... For >50 To 100, Deduct For >100, Deduct	461.99 -26.22 -37.77		62.39
08 14 16 00-0235	EA 2'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door..... For >50 To 100, Deduct For >100, Deduct	476.82 -26.96 -38.88		62.39
08 14 16 00-0236	EA 2'-10" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door..... For >50 To 100, Deduct For >100, Deduct	479.11 -27.07 -39.05		62.39
08 14 16 00-0237	EA 3'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door..... For >50 To 100, Deduct For >100, Deduct	486.80 -27.60 -39.77		65.10
08 14 16 00-0238	EA 3'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door..... For >50 To 100, Deduct For >100, Deduct	526.59 -29.58 -42.75		65.10
08 14 16 00-0239	EA 3'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door..... For >50 To 100, Deduct For >100, Deduct	634.78 -35.13 -51.00		67.81
08 14 16 00-0240	EA 3'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door..... For >50 To 100, Deduct For >100, Deduct	659.74 -36.38 -52.87		67.81
08 14 16 00-0241	EA 4'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door..... For >50 To 100, Deduct For >100, Deduct	709.69 -38.88 -56.62		67.81
08 14 16 00-0242	EA 2'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door..... For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	519.53 -28.96 -41.95 84.04		59.67

08 Openings**08 10 Doors and Frames****08 14 Wood Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0243	EA	2'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	.....	519.53	59.67
		For >50 To 100, Deduct	.....	-28.96	
		For >100, Deduct	.....	-41.95	
		For 9' Door Height, Add	.....	84.04	
08 14 16 00-0244	EA	2'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	.....	527.76	62.39
		For >50 To 100, Deduct	.....	-29.51	
		For >100, Deduct	.....	-42.70	
		For 9' Door Height, Add	.....	84.63	
08 14 16 00-0245	EA	2'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	.....	545.47	62.39
		For >50 To 100, Deduct	.....	-30.39	
		For >100, Deduct	.....	-44.03	
		For 9' Door Height, Add	.....	88.35	
08 14 16 00-0246	EA	2'-10" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	.....	548.20	62.39
		For >50 To 100, Deduct	.....	-30.53	
		For >100, Deduct	.....	-44.23	
		For 9' Door Height, Add	.....	88.92	
08 14 16 00-0247	EA	3'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	.....	556.33	65.10
		For >50 To 100, Deduct	.....	-31.07	
		For >100, Deduct	.....	-44.98	
		For 9' Door Height, Add	.....	89.49	
08 14 16 00-0248	EA	3'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	.....	603.90	65.10
		For >50 To 100, Deduct	.....	-33.45	
		For >100, Deduct	.....	-48.55	
		For 9' Door Height, Add	.....	99.48	
08 14 16 00-0249	EA	3'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	.....	732.12	67.81
		For >50 To 100, Deduct	.....	-40.00	
		For >100, Deduct	.....	-58.30	
		For 9' Door Height, Add	.....	125.26	
08 14 16 00-0250	EA	3'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	.....	761.95	67.81
		For >50 To 100, Deduct	.....	-41.49	
		For >100, Deduct	.....	-60.54	
		For 9' Door Height, Add	.....	131.53	
08 14 16 00-0251	EA	4'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	.....	821.61	67.81
		For >50 To 100, Deduct	.....	-44.47	
		For >100, Deduct	.....	-65.01	
		For 9' Door Height, Add	.....	144.06	
08 14 16 00-0252 Lauan Faced Wood Doors (08 14 16 00-0127)					
08 14 16 00-0253	EA	2'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	.....	230.14	59.67
		For >50 To 100, Deduct	.....	-14.49	
		For >100, Deduct	.....	-20.24	
08 14 16 00-0254	EA	2'-2" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	.....	230.14	59.67
		For >50 To 100, Deduct	.....	-14.49	
		For >100, Deduct	.....	-20.24	
08 14 16 00-0255	EA	2'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	.....	243.16	62.39
		For >50 To 100, Deduct	.....	-15.28	
		For >100, Deduct	.....	-21.36	
08 14 16 00-0256	EA	2'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	.....	249.36	62.39
		For >50 To 100, Deduct	.....	-15.59	
		For >100, Deduct	.....	-21.82	
08 14 16 00-0257	EA	2'-10" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	.....	250.59	62.39
		For >50 To 100, Deduct	.....	-15.65	
		For >100, Deduct	.....	-21.91	
08 14 16 00-0258	EA	3'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	.....	257.25	65.10
		For >50 To 100, Deduct	.....	-16.12	
		For >100, Deduct	.....	-22.55	
08 14 16 00-0259	EA	3'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	.....	271.21	65.10
		For >50 To 100, Deduct	.....	-16.82	
		For >100, Deduct	.....	-23.60	
08 14 16 00-0260	EA	3'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	.....	294.65	67.81
		For >50 To 100, Deduct	.....	-18.12	
		For >100, Deduct	.....	-25.49	
08 14 16 00-0261	EA	3'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	.....	302.58	67.81
		For >50 To 100, Deduct	.....	-18.52	
		For >100, Deduct	.....	-26.08	
08 14 16 00-0262	EA	4'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	.....	318.49	67.81
		For >50 To 100, Deduct	.....	-19.32	
		For >100, Deduct	.....	-27.28	
08 14 16 00-0263	EA	2'-0" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	.....	236.57	59.67
		For >50 To 100, Deduct	.....	-14.81	
		For >100, Deduct	.....	-20.73	
08 14 16 00-0264	EA	2'-4" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	.....	236.57	59.67
		For >50 To 100, Deduct	.....	-14.81	
		For >100, Deduct	.....	-20.73	
08 14 16 00-0265	EA	2'-6" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	.....	250.06	62.39
		For >50 To 100, Deduct	.....	-15.62	
		For >100, Deduct	.....	-21.87	
08 14 16 00-0266	EA	2'-8" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	.....	256.62	62.39
		For >50 To 100, Deduct	.....	-15.95	
		For >100, Deduct	.....	-22.37	
08 14 16 00-0267	EA	2'-10" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	.....	257.92	62.39
		For >50 To 100, Deduct	.....	-16.02	
		For >100, Deduct	.....	-22.46	



		Openings	08	08
		Doors and Frames	08 10	
		Wood Doors	08 14	

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST		UNIT COST
08 14 16 00-0268	EA 3'-0" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door..... For >50 To 100, Deduct For >100, Deduct	264.64 -16.49 -23.10		65.10
08 14 16 00-0269	EA 3'-4" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door..... For >50 To 100, Deduct For >100, Deduct	279.42 -17.23 -24.21		65.10
08 14 16 00-0270	EA 3'-6" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door..... For >50 To 100, Deduct For >100, Deduct	303.89 -18.59 -26.18		67.81
08 14 16 00-0271	EA 3'-8" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door..... For >50 To 100, Deduct For >100, Deduct	312.29 -19.01 -26.81		67.81
08 14 16 00-0272	EA 4'-0" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door..... For >50 To 100, Deduct For >100, Deduct	329.12 -19.85 -28.07		67.81
08 14 16 00-0273	EA 2'-0" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door..... For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	259.43 -15.96 -22.44 29.41		59.67
08 14 16 00-0274	EA 2'-4" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door..... For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	259.43 -15.96 -22.44 29.41		59.67
08 14 16 00-0275	EA 2'-6" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door..... For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	274.48 -16.84 -23.71 31.44		62.39
08 14 16 00-0276	EA 2'-8" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door..... For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	282.32 -17.24 -24.29 33.09		62.39
08 14 16 00-0277	EA 2'-10" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door..... For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	283.88 -17.31 -24.41 33.41		62.39
08 14 16 00-0278	EA 3'-0" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door..... For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	290.86 -17.80 -25.07 33.74		65.10
08 14 16 00-0279	EA 3'-4" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door..... For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	308.53 -18.68 -26.39 37.45		65.10
08 14 16 00-0280	EA 3'-6" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door..... For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	336.69 -20.23 -28.64 42.22		67.81
08 14 16 00-0281	EA 3'-8" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door..... For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	346.74 -20.73 -29.40 44.33		67.81
08 14 16 00-0282	EA 4'-0" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door..... For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	366.85 -21.73 -30.90 48.56		67.81
08 14 16 00-0283 Medium Density Overlay (MDO) Faced Wood Doors (08 14 16 00-0127)				
08 14 16 00-0284	EA 2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door For >50 To 100, Deduct For >100, Deduct	247.37 -15.35 -21.54		59.67
08 14 16 00-0285	EA 2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door For >50 To 100, Deduct For >100, Deduct	247.39 -15.35 -21.54		59.67
08 14 16 00-0286	EA 2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door For >50 To 100, Deduct For >100, Deduct	256.34 -15.94 -22.34		62.39
08 14 16 00-0287	EA 2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door For >50 To 100, Deduct For >100, Deduct	263.48 -16.29 -22.88		62.39
08 14 16 00-0288	EA 2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door For >50 To 100, Deduct For >100, Deduct	267.05 -16.47 -23.15		62.39
08 14 16 00-0289	EA 3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door For >50 To 100, Deduct For >100, Deduct	275.99 -17.05 -23.95		65.10
08 14 16 00-0290	EA 3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door For >50 To 100, Deduct For >100, Deduct	284.12 -17.46 -24.56		65.10
08 14 16 00-0291	EA 3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door For >50 To 100, Deduct For >100, Deduct	315.99 -19.19 -27.09		67.81
08 14 16 00-0292	EA 3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door For >50 To 100, Deduct For >100, Deduct	325.01 -19.64 -27.77		67.81

08 Openings**08 10 Doors and Frames****08 14 Wood Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0293	EA		4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	343.07	67.81
			For >50 To 100, Deduct	-20.54	
			For >100, Deduct	-29.12	
08 14 16 00-0294	EA		2'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	254.83	59.67
			For >50 To 100, Deduct	-15.73	
			For >100, Deduct	-22.10	
08 14 16 00-0295	EA		2'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	254.83	59.67
			For >50 To 100, Deduct	-15.73	
			For >100, Deduct	-22.10	
08 14 16 00-0296	EA		2'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	263.99	62.39
			For >50 To 100, Deduct	-16.32	
			For >100, Deduct	-22.92	
08 14 16 00-0297	EA		2'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	271.55	62.39
			For >50 To 100, Deduct	-16.70	
			For >100, Deduct	-23.49	
08 14 16 00-0298	EA		2'-10" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	275.32	62.39
			For >50 To 100, Deduct	-16.89	
			For >100, Deduct	-23.77	
08 14 16 00-0299	EA		3'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	284.49	65.10
			For >50 To 100, Deduct	-17.48	
			For >100, Deduct	-24.59	
08 14 16 00-0300	EA		3'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	293.09	65.10
			For >50 To 100, Deduct	-17.91	
			For >100, Deduct	-25.24	
08 14 16 00-0301	EA		3'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	326.50	67.81
			For >50 To 100, Deduct	-19.72	
			For >100, Deduct	-27.88	
08 14 16 00-0302	EA		3'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	336.05	67.81
			For >50 To 100, Deduct	-20.19	
			For >100, Deduct	-28.59	
08 14 16 00-0303	EA		4'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	355.13	67.81
			For >50 To 100, Deduct	-21.15	
			For >100, Deduct	-30.03	
08 14 16 00-0304	EA		2'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	281.25	59.67
			For >50 To 100, Deduct	-17.05	
			For >100, Deduct	-24.08	
			For 9' Door Height, Add	34.00	
08 14 16 00-0305	EA		2'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	281.25	59.67
			For >50 To 100, Deduct	-17.05	
			For >100, Deduct	-24.08	
			For 9' Door Height, Add	34.00	
08 14 16 00-0306	EA		2'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	291.14	62.39
			For >50 To 100, Deduct	-17.68	
			For >100, Deduct	-24.95	
			For 9' Door Height, Add	34.94	
08 14 16 00-0307	EA		2'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	300.16	62.39
			For >50 To 100, Deduct	-18.13	
			For >100, Deduct	-25.63	
			For 9' Door Height, Add	36.83	
08 14 16 00-0308	EA		2'-10" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	304.66	62.39
			For >50 To 100, Deduct	-18.35	
			For >100, Deduct	-25.97	
			For 9' Door Height, Add	37.78	
08 14 16 00-0309	EA		3'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	314.57	65.10
			For >50 To 100, Deduct	-18.98	
			For >100, Deduct	-26.85	
			For 9' Door Height, Add	38.72	
08 14 16 00-0310	EA		3'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	324.86	65.10
			For >50 To 100, Deduct	-19.50	
			For >100, Deduct	-27.62	
			For 9' Door Height, Add	40.88	
08 14 16 00-0311	EA		3'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	363.73	67.81
			For >50 To 100, Deduct	-21.58	
			For >100, Deduct	-30.67	
			For 9' Door Height, Add	47.90	
08 14 16 00-0312	EA		3'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	375.13	67.81
			For >50 To 100, Deduct	-22.15	
			For >100, Deduct	-31.53	
			For 9' Door Height, Add	50.30	
08 14 16 00-0313	EA		4'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	397.95	67.81
			For >50 To 100, Deduct	-23.29	
			For >100, Deduct	-33.24	
			For 9' Door Height, Add	55.09	
08 14 16 00-0314			1-3/8" Thick, Particleboard Core (PC), Wood Doors (08 14 16)		
			Note: PC = Particleboard, medium-density fiberboard (MDF), or agrifiber core, solid core door with stiles and rails bonded to the core and abrasive planed flat prior to the application of the faces.		
08 14 16 00-0315			Birch Faced Wood Doors (08 14 16 00-0314)		
08 14 16 00-0316	EA		2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	273.38	59.67
			For 7 Ply Cold Press Construction, Deduct	-3.08	
			For Stave Lumber Core (SLC), Add	115.52	
			For Structural Composite Lumber Core (SCLC), Add	69.31	
			For >50 To 100, Deduct	-16.65	
			For >100, Deduct	-23.49	



		Openings	08	08
		Doors and Frames	08 10	
		Wood Doors	08 14	

MINOR		DESCRIPTION	TOTAL DIRECT	DEMOLITION
CSI	UOM		UNIT COST	UNIT COST
08 14 16 00-0317	EA	2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	273.41	59.67
		For 7 Ply Cold Press Construction, Deduct	-3.08	
		For Stave Lumber Core (SLC), Add	115.54	
		For Structural Composite Lumber Core (SCLC), Add	69.32	
		For >50 To 100, Deduct	-16.65	
		For >100, Deduct	-23.49	
08 14 16 00-0318	EA	2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	286.90	62.39
		For 7 Ply Cold Press Construction, Deduct	-3.24	
		For Stave Lumber Core (SLC), Add	121.60	
		For Structural Composite Lumber Core (SCLC), Add	72.96	
		For >50 To 100, Deduct	-17.46	
		For >100, Deduct	-24.64	
08 14 16 00-0319	EA	2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	294.97	62.39
		For 7 Ply Cold Press Construction, Deduct	-3.40	
		For Stave Lumber Core (SLC), Add	127.65	
		For Structural Composite Lumber Core (SCLC), Add	76.59	
		For >50 To 100, Deduct	-17.87	
		For >100, Deduct	-25.24	
08 14 16 00-0320	EA	2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	299.90	62.39
		For 7 Ply Cold Press Construction, Deduct	-3.50	
		For Stave Lumber Core (SLC), Add	131.35	
		For Structural Composite Lumber Core (SCLC), Add	78.81	
		For >50 To 100, Deduct	-18.11	
		For >100, Deduct	-25.61	
08 14 16 00-0321	EA	3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	310.28	65.10
		For 7 Ply Cold Press Construction, Deduct	-3.60	
		For Stave Lumber Core (SLC), Add	135.06	
		For Structural Composite Lumber Core (SCLC), Add	81.04	
		For >50 To 100, Deduct	-18.77	
		For >100, Deduct	-26.53	
08 14 16 00-0322	EA	3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	330.04	65.10
		For 7 Ply Cold Press Construction, Deduct	-4.00	
		For Stave Lumber Core (SLC), Add	149.88	
		For Structural Composite Lumber Core (SCLC), Add	89.93	
		For >50 To 100, Deduct	-19.76	
		For >100, Deduct	-28.01	
08 14 16 00-0323	EA	3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	348.25	67.81
		For 7 Ply Cold Press Construction, Deduct	-4.25	
		For Stave Lumber Core (SLC), Add	159.47	
		For Structural Composite Lumber Core (SCLC), Add	95.68	
		For >50 To 100, Deduct	-20.80	
		For >100, Deduct	-29.51	
08 14 16 00-0324	EA	2'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	282.35	59.67
		For 7 Ply Cold Press Construction, Deduct	-3.26	
		For Stave Lumber Core (SLC), Add	122.24	
		For Structural Composite Lumber Core (SCLC), Add	73.35	
		For >50 To 100, Deduct	-17.10	
		For >100, Deduct	-24.16	
08 14 16 00-0325	EA	2'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	282.36	59.67
		For 7 Ply Cold Press Construction, Deduct	-3.26	
		For Stave Lumber Core (SLC), Add	122.25	
		For Structural Composite Lumber Core (SCLC), Add	73.35	
		For >50 To 100, Deduct	-17.10	
		For >100, Deduct	-24.16	
08 14 16 00-0326	EA	2'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	296.33	62.39
		For 7 Ply Cold Press Construction, Deduct	-3.43	
		For Stave Lumber Core (SLC), Add	128.67	
		For Structural Composite Lumber Core (SCLC), Add	77.20	
		For >50 To 100, Deduct	-17.94	
		For >100, Deduct	-25.34	
08 14 16 00-0327	EA	2'-8" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	304.89	62.39
		For 7 Ply Cold Press Construction, Deduct	-3.60	
		For Stave Lumber Core (SLC), Add	135.09	
		For Structural Composite Lumber Core (SCLC), Add	81.05	
		For >50 To 100, Deduct	-18.36	
		For >100, Deduct	-25.99	
08 14 16 00-0328	EA	2'-10" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	310.10	62.39
		For 7 Ply Cold Press Construction, Deduct	-3.71	
		For Stave Lumber Core (SLC), Add	139.00	
		For Structural Composite Lumber Core (SCLC), Add	83.40	
		For >50 To 100, Deduct	-18.62	
		For >100, Deduct	-26.38	
08 14 16 00-0329	EA	3'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	320.76	65.10
		For 7 Ply Cold Press Construction, Deduct	-3.81	
		For Stave Lumber Core (SLC), Add	142.92	
		For Structural Composite Lumber Core (SCLC), Add	85.75	
		For >50 To 100, Deduct	-19.29	
		For >100, Deduct	-27.31	
08 14 16 00-0330	EA	3'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	341.67	65.10
		For 7 Ply Cold Press Construction, Deduct	-4.23	
		For Stave Lumber Core (SLC), Add	158.60	
		For Structural Composite Lumber Core (SCLC), Add	95.16	
		For >50 To 100, Deduct	-20.34	
		For >100, Deduct	-28.88	

08 Openings**08 10 Doors and Frames****08 14 Wood Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0331	EA		3'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	360.62 -4.50 168.74 101.25 -21.42 -30.44	67.81
08 14 16 00-0332	EA		2'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 9' Door Height, Add</i>	314.15 -3.90 146.09 87.66 -18.69 -26.55 40.91	59.67
08 14 16 00-0333	EA		2'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 9' Door Height, Add</i>	314.15 -3.90 146.09 87.66 -18.69 -26.55 40.91	59.67
08 14 16 00-0334	EA		2'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 9' Door Height, Add</i>	329.79 -4.10 153.77 92.26 -19.61 -27.85 43.05	62.39
08 14 16 00-0335	EA		2'-8" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 9' Door Height, Add</i>	340.01 -4.30 161.43 96.86 -20.12 -28.62 45.20	62.39
08 14 16 00-0336	EA		2'-10" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 9' Door Height, Add</i>	346.24 -4.43 166.10 99.66 -20.43 -29.09 46.51	62.39
08 14 16 00-0337	EA		3'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 9' Door Height, Add</i>	357.92 -4.55 170.79 102.47 -21.15 -30.10 47.82	65.10
08 14 16 00-0338	EA		3'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 9' Door Height, Add</i>	382.91 -5.05 189.53 113.72 -22.40 -31.97 53.07	65.10
08 14 16 00-0339	EA		3'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 9' Door Height, Add</i>	404.49 -5.38 201.65 120.99 -23.62 -33.73 56.46	67.81
08 14 16 00-0340	Oak Faced Wood Doors (08 14 16 00-0314)				
08 14 16 00-0341	EA		2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	379.72 -5.21 195.27 117.16 -21.97 -31.46	59.67
08 14 16 00-0342	EA		2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	379.72 -5.21 195.27 117.16 -21.97 -31.46	59.67
08 14 16 00-0343	EA		2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	398.83 -5.48 205.55 123.33 -23.06 -33.03	62.39



Openings			08	08
Doors and Frames			08 10	
Wood Doors			08 14	

MINOR		DESCRIPTION	TOTAL DIRECT	DEMOLITION
CSI	UOM		UNIT COST	UNIT COST
08 14 16 00-0344	EA	2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For >100, Deduct	412.50 -5.75 215.80 129.48 -23.74 -34.06	62.39
08 14 16 00-0345	EA	2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For >100, Deduct	420.83 -5.92 222.05 133.23 -24.16 -34.68	62.39
08 14 16 00-0346	EA	3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For >100, Deduct	434.62 -6.09 228.32 136.99 -24.99 -35.85	65.10
08 14 16 00-0347	EA	3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For >100, Deduct	468.02 -6.76 253.37 152.02 -26.66 -38.36	65.10
08 14 16 00-0348	EA	3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For >100, Deduct	495.03 -7.19 269.55 161.73 -28.14 -40.52	67.81
08 14 16 00-0349	EA	2'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For >100, Deduct	394.86 -5.51 206.63 123.98 -22.73 -32.60	59.67
08 14 16 00-0350	EA	2'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For >100, Deduct	394.86 -5.51 206.63 123.98 -22.73 -32.60	59.67
08 14 16 00-0351	EA	2'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For >100, Deduct	414.80 -5.80 217.52 130.51 -23.86 -34.23	62.39
08 14 16 00-0352	EA	2'-8" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For >100, Deduct	429.26 -6.09 228.37 137.02 -24.58 -35.31	62.39
08 14 16 00-0353	EA	2'-10" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For >100, Deduct	438.06 -6.27 234.97 140.98 -25.02 -35.97	62.39
08 14 16 00-0354	EA	3'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For >100, Deduct	452.33 -6.44 241.60 144.96 -25.87 -37.18	65.10
08 14 16 00-0355	EA	3'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For >100, Deduct	487.68 -7.15 268.11 160.87 -27.64 -39.83	65.10
08 14 16 00-0356	EA	3'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For >100, Deduct	515.96 -7.61 285.25 171.15 -29.19 -42.09	67.81
08 14 16 00-0357	EA	2'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For 9' Door Height, Add	448.58 -6.58 246.92 148.15 -25.41 69.14	59.67

08 Openings**08 10 Doors and Frames****08 14 Wood Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0358	EA		2'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	448.58	59.67
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-6.58	
			<i>For Stave Lumber Core (SLC), Add</i>	246.92	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	148.15	
			<i>For >50 To 100, Deduct</i>	-25.41	
			<i>For >100, Deduct</i>	-36.63	
			<i>For 9' Door Height, Add</i>	69.14	
08 14 16 00-0359	EA		2'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	471.36	62.39
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-6.93	
			<i>For Stave Lumber Core (SLC), Add</i>	259.94	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	155.97	
			<i>For >50 To 100, Deduct</i>	-26.69	
			<i>For >100, Deduct</i>	-38.47	
			<i>For 9' Door Height, Add</i>	72.78	
08 14 16 00-0360	EA		2'-8" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	486.62	62.39
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-7.28	
			<i>For Stave Lumber Core (SLC), Add</i>	272.89	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	163.73	
			<i>For >50 To 100, Deduct</i>	-27.55	
			<i>For >100, Deduct</i>	-39.77	
			<i>For 9' Door Height, Add</i>	76.41	
08 14 16 00-0361	EA		2'-10" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	499.14	62.39
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-7.49	
			<i>For Stave Lumber Core (SLC), Add</i>	280.78	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	168.47	
			<i>For >50 To 100, Deduct</i>	-28.08	
			<i>For >100, Deduct</i>	-40.55	
			<i>For 9' Door Height, Add</i>	78.62	
08 14 16 00-0362	EA		3'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	515.16	65.10
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-7.70	
			<i>For Stave Lumber Core (SLC), Add</i>	288.72	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	173.23	
			<i>For >50 To 100, Deduct</i>	-29.01	
			<i>For >100, Deduct</i>	-41.89	
			<i>For 9' Door Height, Add</i>	80.84	
08 14 16 00-0363	EA		3'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	557.40	65.10
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-8.54	
			<i>For Stave Lumber Core (SLC), Add</i>	320.40	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	192.24	
			<i>For >50 To 100, Deduct</i>	-31.13	
			<i>For >100, Deduct</i>	-45.06	
			<i>For 9' Door Height, Add</i>	89.71	
08 14 16 00-0364	EA		3'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	590.13	67.81
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-9.09	
			<i>For Stave Lumber Core (SLC), Add</i>	340.88	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	204.53	
			<i>For >50 To 100, Deduct</i>	-32.90	
			<i>For >100, Deduct</i>	-47.65	
			<i>For 9' Door Height, Add</i>	95.45	
08 14 16 00-0365			Maple Faced Wood Doors (08 14 16 00-0364)		
08 14 16 00-0366	EA		2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	347.43	59.67
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-4.56	
			<i>For Stave Lumber Core (SLC), Add</i>	171.05	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	102.63	
			<i>For >50 To 100, Deduct</i>	-20.36	
			<i>For >100, Deduct</i>	-29.04	
08 14 16 00-0367	EA		2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	347.43	59.67
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-4.56	
			<i>For Stave Lumber Core (SLC), Add</i>	171.05	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	102.63	
			<i>For >50 To 100, Deduct</i>	-20.36	
			<i>For >100, Deduct</i>	-29.04	
08 14 16 00-0368	EA		2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	364.85	62.39
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-4.80	
			<i>For Stave Lumber Core (SLC), Add</i>	180.06	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	108.04	
			<i>For >50 To 100, Deduct</i>	-21.36	
			<i>For >100, Deduct</i>	-30.48	
08 14 16 00-0369	EA		2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	376.83	62.39
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-5.04	
			<i>For Stave Lumber Core (SLC), Add</i>	189.05	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	113.43	
			<i>For >50 To 100, Deduct</i>	-21.96	
			<i>For >100, Deduct</i>	-31.38	
08 14 16 00-0370	EA		2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	384.10	62.39
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-5.19	
			<i>For Stave Lumber Core (SLC), Add</i>	194.50	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	116.70	
			<i>For >50 To 100, Deduct</i>	-22.32	
			<i>For >100, Deduct</i>	-31.93	



Openings			08	08
Doors and Frames			08 10	
Wood Doors			08 14	

MINOR		DESCRIPTION	TOTAL DIRECT	DEMOLITION
CSI	UOM		UNIT COST	UNIT COST
08 14 16 00-0371	EA	3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For >100, Deduct	396.86 -5.33 200.00 120.00 -23.10 -33.02	65.10
08 14 16 00-0372	EA	3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For >100, Deduct	426.12 -5.92 221.94 133.16 -24.56 -35.21	65.10
08 14 16 00-0373	EA	3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For >100, Deduct	450.46 -6.30 236.12 141.67 -25.91 -37.18	67.81
08 14 16 00-0374	EA	2'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door..... For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For >100, Deduct	360.69 -4.83 181.00 108.60 -21.02 -30.04	59.67
08 14 16 00-0375	EA	2'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door..... For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For >100, Deduct	360.69 -4.83 181.00 108.60 -21.02 -30.04	59.67
08 14 16 00-0376	EA	2'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door..... For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For >100, Deduct	378.83 -5.08 190.55 114.33 -22.06 -31.53	62.39
08 14 16 00-0377	EA	2'-8" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door..... For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For >100, Deduct	391.51 -5.33 200.06 120.03 -22.69 -32.48	62.39
08 14 16 00-0378	EA	2'-10" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door..... For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For >100, Deduct	399.21 -5.49 205.83 123.50 -23.08 -33.06	62.39
08 14 16 00-0379	EA	3'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door..... For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For >100, Deduct	412.39 -5.64 211.64 126.99 -23.87 -34.18	65.10
08 14 16 00-0380	EA	3'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door..... For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For >100, Deduct	443.35 -6.26 234.66 140.92 -25.42 -36.51	65.10
08 14 16 00-0381	EA	3'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door..... For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For >100, Deduct	468.79 -6.66 249.87 149.92 -26.83 -38.55	67.81
08 14 16 00-0382	EA	2'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door..... For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For 9' Door Height, Add	407.75 -5.77 216.29 129.78 -23.37 -33.57 60.56	59.67
08 14 16 00-0383	EA	2'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door..... For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	407.75 -5.77 216.29 129.78 -23.37 -33.57 60.56	59.67
08 14 16 00-0384	EA	2'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door..... For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	428.37 -6.07 227.70 136.62 -24.54 -35.25 63.76	62.39

08 Openings**08 10 Doors and Frames****08 14 Wood Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0385	EA	2'-8" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	.....	443.50	62.39
		For 7 Ply Cold Press Construction, Deduct	.....	-6.37	
		For Stave Lumber Core (SLC), Add	.....	239.05	
		For Structural Composite Lumber Core (SCLC), Add	.....	143.43	
		For >50 To 100, Deduct	.....	-25.29	
		For >100, Deduct	.....	-36.38	
		For 9' Door Height, Add	.....	66.93	
08 14 16 00-0386	EA	2'-10" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	.....	452.72	62.39
		For 7 Ply Cold Press Construction, Deduct	.....	-6.56	
		For Stave Lumber Core (SLC), Add	.....	245.96	
		For Structural Composite Lumber Core (SCLC), Add	.....	147.58	
		For >50 To 100, Deduct	.....	-25.76	
		For >100, Deduct	.....	-37.07	
		For 9' Door Height, Add	.....	68.87	
08 14 16 00-0387	EA	3'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	.....	467.41	65.10
		For 7 Ply Cold Press Construction, Deduct	.....	-6.74	
		For Stave Lumber Core (SLC), Add	.....	252.91	
		For Structural Composite Lumber Core (SCLC), Add	.....	151.74	
		For >50 To 100, Deduct	.....	-26.63	
		For >100, Deduct	.....	-38.31	
		For 9' Door Height, Add	.....	70.81	
08 14 16 00-0388	EA	3'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	.....	504.42	65.10
		For 7 Ply Cold Press Construction, Deduct	.....	-7.48	
		For Stave Lumber Core (SLC), Add	.....	280.67	
		For Structural Composite Lumber Core (SCLC), Add	.....	168.40	
		For >50 To 100, Deduct	.....	-28.48	
		For >100, Deduct	.....	-41.09	
		For 9' Door Height, Add	.....	78.59	
08 14 16 00-0389	EA	3'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	.....	533.76	67.81
		For 7 Ply Cold Press Construction, Deduct	.....	-7.96	
		For Stave Lumber Core (SLC), Add	.....	298.60	
		For Structural Composite Lumber Core (SCLC), Add	.....	179.16	
		For >50 To 100, Deduct	.....	-30.08	
		For >100, Deduct	.....	-43.42	
		For 9' Door Height, Add	.....	83.61	
08 14 16 00-0390		Lauan Faced Wood Doors (08 14 16 00-0314)			
08 14 16 00-0391	EA	2'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	.....	331.08	59.67
		For >50 To 100, Deduct	.....	-19.54	
		For >100, Deduct	.....	-27.82	
08 14 16 00-0392	EA	2'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	.....	331.08	59.67
		For >50 To 100, Deduct	.....	-19.54	
		For >100, Deduct	.....	-27.82	
08 14 16 00-0393	EA	2'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	.....	348.07	62.39
		For >50 To 100, Deduct	.....	-20.52	
		For >100, Deduct	.....	-29.22	
08 14 16 00-0394	EA	2'-8" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	.....	359.75	62.39
		For >50 To 100, Deduct	.....	-21.11	
		For >100, Deduct	.....	-30.10	
08 14 16 00-0395	EA	2'-10" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	.....	365.61	62.39
		For >50 To 100, Deduct	.....	-21.40	
		For >100, Deduct	.....	-30.54	
08 14 16 00-0396	EA	3'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	.....	376.95	65.10
		For >50 To 100, Deduct	.....	-22.10	
		For >100, Deduct	.....	-31.53	
08 14 16 00-0397	EA	3'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	.....	404.04	65.10
		For >50 To 100, Deduct	.....	-23.46	
		For >100, Deduct	.....	-33.56	
08 14 16 00-0398	EA	3'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	.....	430.94	67.81
		For >50 To 100, Deduct	.....	-24.94	
		For >100, Deduct	.....	-35.71	
08 14 16 00-0399	EA	2'-0" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	.....	343.40	59.67
		For >50 To 100, Deduct	.....	-20.15	
		For >100, Deduct	.....	-28.74	
08 14 16 00-0400	EA	2'-4" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	.....	343.40	59.67
		For >50 To 100, Deduct	.....	-20.15	
		For >100, Deduct	.....	-28.74	
08 14 16 00-0401	EA	2'-6" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	.....	361.09	62.39
		For >50 To 100, Deduct	.....	-21.17	
		For >100, Deduct	.....	-30.20	
08 14 16 00-0402	EA	2'-8" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	.....	373.43	62.39
		For >50 To 100, Deduct	.....	-21.79	
		For >100, Deduct	.....	-31.13	
08 14 16 00-0403	EA	2'-10" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	.....	379.64	62.39
		For >50 To 100, Deduct	.....	-22.10	
		For >100, Deduct	.....	-31.59	
08 14 16 00-0404	EA	3'-0" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	.....	391.29	65.10
		For >50 To 100, Deduct	.....	-22.82	
		For >100, Deduct	.....	-32.60	
08 14 16 00-0405	EA	3'-4" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	.....	420.01	65.10
		For >50 To 100, Deduct	.....	-24.26	
		For >100, Deduct	.....	-34.76	
08 14 16 00-0406	EA	3'-6" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	.....	448.10	67.81
		For >50 To 100, Deduct	.....	-25.80	
		For >100, Deduct	.....	-37.00	



Openings			08	08
Doors and Frames			08 10	
Wood Doors			08 14	

MINOR		DESCRIPTION	TOTAL DIRECT	DEMOLITION
CSI	UOM		UNIT COST	UNIT COST
08 14 16 00-0407	EA	2'-0" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	387.11 -22.34 -32.02 56.23	59.67
08 14 16 00-0408	EA	2'-4" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	387.11 -22.34 -32.02 56.23	59.67
08 14 16 00-0409	EA	2'-6" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	407.15 -23.48 -33.66 59.30	62.39
08 14 16 00-0410	EA	2'-8" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	421.92 -24.22 -34.76 62.40	62.39
08 14 16 00-0411	EA	2'-10" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	429.35 -24.59 -35.32 63.96	62.39
08 14 16 00-0412	EA	3'-0" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	442.21 -25.37 -36.42 65.52	65.10
08 14 16 00-0413	EA	3'-4" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	476.51 -27.08 -38.99 72.73	65.10
08 14 16 00-0414	EA	3'-6" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	509.03 -28.84 -41.57 78.41	67.81
08 14 16 00-0415 Medium Density Overlay (MDO) Faced Wood Doors (08 14 16 00-0314)				
08 14 16 00-0416	EA	2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For >100, Deduct	293.15 130.34 78.21 -17.64 -24.97	59.67
08 14 16 00-0417	EA	2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For >100, Deduct	293.15 130.34 78.21 -17.64 -24.97	59.67
08 14 16 00-0418	EA	2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For >100, Deduct	308.66 137.92 82.75 -18.55 -26.27	62.39
08 14 16 00-0419	EA	2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For >100, Deduct	318.73 145.47 87.28 -19.06 -27.02	62.39
08 14 16 00-0420	EA	2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For >100, Deduct	320.57 146.85 88.11 -19.15 -27.16	62.39
08 14 16 00-0421	EA	3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For >100, Deduct	327.88 148.26 88.96 -19.65 -27.85	65.10
08 14 16 00-0422	EA	3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For >100, Deduct	349.69 164.62 98.77 -20.74 -29.48	65.10
08 14 16 00-0423	EA	3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For >100, Deduct	394.88 194.44 116.66 -23.13 -33.01	67.81
08 14 16 00-0424	EA	2'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For >100, Deduct	303.27 137.93 82.76 -18.15 -25.73	59.67
08 14 16 00-0425	EA	2'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For >100, Deduct	303.29 137.95 82.77 -18.15 -25.73	59.67

08 Openings**08 10 Doors and Frames****08 14 Wood Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0426	EA	2'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	.....	319.37	62.39
		For Stave Lumber Core (SLC), Add	.....	145.95	
		For Structural Composite Lumber Core (SCLC), Add	.....	87.57	
		For >50 To 100, Deduct	.....	-19.09	
		For >100, Deduct	.....	-27.07	
08 14 16 00-0427	EA	2'-8" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	.....	330.01	62.39
		For Stave Lumber Core (SLC), Add	.....	153.93	
		For Structural Composite Lumber Core (SCLC), Add	.....	92.36	
		For >50 To 100, Deduct	.....	-19.62	
		For >100, Deduct	.....	-27.87	
08 14 16 00-0428	EA	2'-10" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	.....	331.98	62.39
		For Stave Lumber Core (SLC), Add	.....	155.41	
		For Structural Composite Lumber Core (SCLC), Add	.....	93.24	
		For >50 To 100, Deduct	.....	-19.72	
		For >100, Deduct	.....	-28.02	
08 14 16 00-0429	EA	2'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	.....	339.39	65.10
		For Stave Lumber Core (SLC), Add	.....	156.89	
		For Structural Composite Lumber Core (SCLC), Add	.....	94.14	
		For >50 To 100, Deduct	.....	-20.22	
		For >100, Deduct	.....	-28.71	
08 14 16 00-0430	EA	3'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	.....	362.46	65.10
		For Stave Lumber Core (SLC), Add	.....	174.20	
		For Structural Composite Lumber Core (SCLC), Add	.....	104.52	
		For >50 To 100, Deduct	.....	-21.38	
		For >100, Deduct	.....	-30.44	
08 14 16 00-0431	EA	3'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	.....	409.98	67.81
		For Stave Lumber Core (SLC), Add	.....	205.76	
		For Structural Composite Lumber Core (SCLC), Add	.....	123.46	
		For >50 To 100, Deduct	.....	-23.89	
		For >100, Deduct	.....	-34.14	
08 14 16 00-0432	EA	2'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	.....	339.12	59.67
		For Stave Lumber Core (SLC), Add	.....	164.82	
		For Structural Composite Lumber Core (SCLC), Add	.....	98.89	
		For >50 To 100, Deduct	.....	-19.94	
		For >100, Deduct	.....	-28.42	
		For 9' Door Height, Add	.....	46.15	
08 14 16 00-0433	EA	2'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	.....	339.15	59.67
		For Stave Lumber Core (SLC), Add	.....	164.84	
		For Structural Composite Lumber Core (SCLC), Add	.....	98.91	
		For >50 To 100, Deduct	.....	-19.94	
		For >100, Deduct	.....	-28.42	
		For 9' Door Height, Add	.....	46.16	
08 14 16 00-0434	EA	2'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	.....	357.31	62.39
		For Stave Lumber Core (SLC), Add	.....	174.41	
		For Structural Composite Lumber Core (SCLC), Add	.....	104.64	
		For >50 To 100, Deduct	.....	-20.98	
		For >100, Deduct	.....	-29.92	
		For 9' Door Height, Add	.....	48.83	
08 14 16 00-0435	EA	2'-8" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	.....	370.03	62.39
		For Stave Lumber Core (SLC), Add	.....	183.95	
		For Structural Composite Lumber Core (SCLC), Add	.....	110.37	
		For >50 To 100, Deduct	.....	-21.62	
		For >100, Deduct	.....	-30.87	
		For 9' Door Height, Add	.....	51.50	
08 14 16 00-0436	EA	2'-10" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	.....	372.38	62.39
		For Stave Lumber Core (SLC), Add	.....	185.71	
		For Structural Composite Lumber Core (SCLC), Add	.....	111.42	
		For >50 To 100, Deduct	.....	-21.74	
		For >100, Deduct	.....	-31.05	
		For 9' Door Height, Add	.....	52.00	
08 14 16 00-0437	EA	3'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	.....	380.19	65.10
		For Stave Lumber Core (SLC), Add	.....	187.49	
		For Structural Composite Lumber Core (SCLC), Add	.....	112.50	
		For >50 To 100, Deduct	.....	-22.26	
		For >100, Deduct	.....	-31.77	
		For 9' Door Height, Add	.....	52.50	
08 14 16 00-0438	EA	3'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	.....	407.77	65.10
		For Stave Lumber Core (SLC), Add	.....	208.18	
		For Structural Composite Lumber Core (SCLC), Add	.....	124.91	
		For >50 To 100, Deduct	.....	-23.64	
		For >100, Deduct	.....	-33.84	
		For 9' Door Height, Add	.....	58.29	
08 14 16 00-0439	EA	3'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	.....	463.49	67.81
		For Stave Lumber Core (SLC), Add	.....	245.90	
		For Structural Composite Lumber Core (SCLC), Add	.....	147.54	
		For >50 To 100, Deduct	.....	-26.57	
		For >100, Deduct	.....	-38.15	
		For 9' Door Height, Add	.....	68.85	

08 14 16 00-0440 1-3/4" Thick, Particleboard Core (PC), Wood Doors (08 14 16)

Note: PC = Particleboard, medium-density fiberboard (MDF), or agrifiber core, solid core door with stiles and rails bonded to the core and abrasive planed flat prior to the application of the faces.

08 14 16 00-0441 Birch Faced Wood Doors (08 14 16 00-0440)



		Openings	08	08
		Doors and Frames	08 10	
		Wood Doors	08 14	

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST		UNIT COST
08 14 16 00-0442	EA 2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door..... For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	306.84 -3.75 140.61 84.37 22.50 101.24 140.61 224.98 -18.33 -26.00		59.67
08 14 16 00-0443	EA 2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door..... For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	306.84 -3.75 140.61 84.37 22.50 101.24 140.61 224.98 -18.33 -26.00		59.67
08 14 16 00-0444	EA 2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door..... For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	302.38 -3.55 133.21 79.92 21.31 95.91 133.21 213.13 -18.24 -25.80		62.39
08 14 16 00-0445	EA 2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door..... For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	309.78 -3.70 138.76 83.25 22.20 99.91 138.76 222.01 -18.61 -26.35		62.39
08 14 16 00-0446	EA 2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door..... For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	314.73 -3.80 142.47 85.48 22.80 102.58 142.47 227.95 -18.86 -26.72		62.39
08 14 16 00-0447	EA 3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door..... For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	325.09 -3.90 146.17 87.70 23.39 105.24 146.17 233.87 -19.51 -27.64		65.10
08 14 16 00-0448	EA 3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door..... For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	346.52 -4.33 162.24 97.34 25.96 116.81 162.24 259.58 -20.58 -29.24		65.10
08 14 16 00-0449	EA 3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door..... For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	398.26 -5.25 196.97 118.18 31.52 141.82 196.97 315.16 -23.30 -33.26		67.81

08 Openings**08 10 Doors and Frames****08 14 Wood Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0450	EA		3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	411.39	67.81
			For 7 Ply Cold Press Construction, Deduct	-5.52	
			For Stave Lumber Core (SLC), Add	206.82	
			For Structural Composite Lumber Core (SCLC), Add	124.09	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	33.09	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	148.91	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	206.82	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	330.91	
			For >50 To 100, Deduct	-23.96	
			For >100, Deduct	-34.25	
08 14 16 00-0451	EA		4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	448.50	73.24
			For 7 Ply Cold Press Construction, Deduct	-6.04	
			For Stave Lumber Core (SLC), Add	226.52	
			For Structural Composite Lumber Core (SCLC), Add	135.91	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	36.24	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	163.09	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	226.52	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	362.42	
			For >50 To 100, Deduct	-26.09	
			For >100, Deduct	-37.30	
08 14 16 00-0452	EA		2'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	297.97	59.67
			For 7 Ply Cold Press Construction, Deduct	-3.57	
			For Stave Lumber Core (SLC), Add	133.96	
			For Structural Composite Lumber Core (SCLC), Add	80.37	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	21.43	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	96.45	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	133.96	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	214.33	
			For >50 To 100, Deduct	-17.88	
			For >100, Deduct	-25.33	
08 14 16 00-0453	EA		2'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	297.97	59.67
			For 7 Ply Cold Press Construction, Deduct	-3.57	
			For Stave Lumber Core (SLC), Add	133.96	
			For Structural Composite Lumber Core (SCLC), Add	80.37	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	21.43	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	96.45	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	133.96	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	214.33	
			For >50 To 100, Deduct	-17.88	
			For >100, Deduct	-25.33	
08 14 16 00-0454	EA		2'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	312.72	62.39
			For 7 Ply Cold Press Construction, Deduct	-3.76	
			For Stave Lumber Core (SLC), Add	140.96	
			For Structural Composite Lumber Core (SCLC), Add	84.58	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	22.55	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	101.49	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	140.96	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	225.54	
			For >50 To 100, Deduct	-18.76	
			For >100, Deduct	-26.57	
08 14 16 00-0455	EA		2'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	320.55	62.39
			For 7 Ply Cold Press Construction, Deduct	-3.92	
			For Stave Lumber Core (SLC), Add	146.84	
			For Structural Composite Lumber Core (SCLC), Add	88.10	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	23.49	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	105.72	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	146.84	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	234.94	
			For >50 To 100, Deduct	-19.15	
			For >100, Deduct	-27.16	
08 14 16 00-0456	EA		2'-10" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	325.78	62.39
			For 7 Ply Cold Press Construction, Deduct	-4.02	
			For Stave Lumber Core (SLC), Add	150.76	
			For Structural Composite Lumber Core (SCLC), Add	90.45	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	24.12	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	108.55	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	150.76	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	241.21	
			For >50 To 100, Deduct	-19.41	
			For >100, Deduct	-27.55	
08 14 16 00-0457	EA		3'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	336.42	65.10
			For 7 Ply Cold Press Construction, Deduct	-4.12	
			For Stave Lumber Core (SLC), Add	154.67	
			For Structural Composite Lumber Core (SCLC), Add	92.80	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	24.75	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	111.36	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	154.67	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	247.46	
			For >50 To 100, Deduct	-20.08	
			For >100, Deduct	-28.49	



		Openings	08	08
		Doors and Frames	08 10	
		Wood Doors	08 14	

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST		UNIT COST
08 14 16 00-0458	EA 3'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	359.11 -4.58 171.68 103.01 27.47 123.61 171.68 274.69 -21.21 -30.19		65.10
08 14 16 00-0459	EA 3'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	413.55 -5.56 208.44 125.06 33.35 150.08 208.44 333.50 -24.07 -34.41		67.81
08 14 16 00-0460	EA 3'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	427.45 -5.84 218.87 131.32 35.02 157.58 218.87 350.18 -24.76 -35.45		67.81
08 14 16 00-0461	EA 4'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	466.08 -6.39 239.70 143.82 38.35 172.58 239.70 383.52 -26.97 -38.62		73.24
08 14 16 00-0462	EA 2'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	356.44 -4.74 177.81 106.69 28.45 128.02 177.81 284.50 -20.81 -29.72 49.79		59.67
08 14 16 00-0463	EA 2'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	356.44 -4.74 177.81 106.69 28.45 128.02 177.81 284.50 -20.81 -29.72 49.79		59.67
08 14 16 00-0464	EA 2'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	349.37 -4.49 168.45 101.07 26.95 121.28 168.45 269.52 -20.59 -29.32 47.17		62.39
08 14 16 00-0465	EA 2'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	358.72 -4.68 175.46 105.28 28.07 126.33 175.46 280.74 -21.06 -30.02 49.13		62.39

08 Openings**08 10 Doors and Frames****08 14 Wood Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0466	EA		2'-10" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	364.97 -4.80 180.15 108.09 28.82 129.71 180.15 288.24 -21.37 -30.49 50.44	62.39
08 14 16 00-0467	EA		3'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	376.63 -4.93 184.82 110.89 29.57 133.07 184.82 295.72 -22.09 -31.50 51.75	65.10
08 14 16 00-0468	EA		3'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	403.74 -5.47 205.16 123.09 32.82 147.71 205.16 328.25 -23.44 -33.54 57.44	65.10
08 14 16 00-0469	EA		3'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	467.74 -6.64 249.08 149.45 39.85 179.34 249.08 398.53 -26.78 -38.47 69.74	67.81
08 14 16 00-0470	EA		3'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	484.34 -6.97 261.53 156.92 41.85 188.30 261.53 418.45 -27.61 -39.72 73.23	67.81
08 14 16 00-0471	EA		4'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	528.40 -7.64 286.44 171.86 45.83 206.24 286.44 458.30 -30.08 -43.29 80.20	73.24
08 14 16 00-0472			Oak Faced Wood Doors (08 14 16 00-0440)		
08 14 16 00-0473	EA		2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	466.26 -6.94 260.18 156.11 41.63 187.33 260.18 416.28 -26.30 -37.95	59.67



		Openings	08	08
		Doors and Frames	08 10	
		Wood Doors	08 14	

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST		UNIT COST
08 14 16 00-0474	EA 2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	466.26 -6.94 260.18 156.11 41.63 187.33 260.18 416.28 -26.30 -37.95		59.67
08 14 16 00-0475	EA 2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	471.67 -6.94 260.18 156.11 41.63 187.33 260.18 416.28 -26.70 -38.49		62.39
08 14 16 00-0476	EA 2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	475.23 -7.01 262.85 157.71 42.06 189.25 262.85 420.55 -26.88 -38.76		62.39
08 14 16 00-0477	EA 2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	476.84 -7.04 264.05 158.43 42.25 190.12 264.05 422.48 -26.96 -38.88		62.39
08 14 16 00-0478	EA 3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	483.88 -7.07 265.26 159.16 42.44 190.99 265.26 424.42 -27.45 -39.55		65.10
08 14 16 00-0479	EA 3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	522.73 -7.85 294.40 176.64 47.10 211.97 294.40 471.04 -29.39 -42.46		65.10
08 14 16 00-0480	EA 3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	628.19 -9.85 369.42 221.65 59.11 265.98 369.42 591.07 -34.80 -50.51		67.81
08 14 16 00-0481	EA 3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	653.17 -10.35 388.16 232.89 62.10 279.47 388.16 621.05 -36.05 -52.38		67.81

08 Openings**08 10 Doors and Frames****08 14 Wood Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0482	EA		4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	712.94	73.24
			For 7 Ply Cold Press Construction, Deduct	-11.33	
			For Stave Lumber Core (SLC), Add	424.85	
			For Structural Composite Lumber Core (SCLC), Add	254.91	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	67.98	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	305.89	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	424.85	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	679.75	
			For >50 To 100, Deduct	-39.31	
			For >100, Deduct	-57.13	
08 14 16 00-0483	EA		2'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	486.43	59.67
			For 7 Ply Cold Press Construction, Deduct	-7.34	
			For Stave Lumber Core (SLC), Add	275.30	
			For Structural Composite Lumber Core (SCLC), Add	165.18	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	44.05	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	198.22	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	275.30	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	440.48	
			For >50 To 100, Deduct	-27.31	
			For >100, Deduct	-39.47	
08 14 16 00-0484	EA		2'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	486.43	59.67
			For 7 Ply Cold Press Construction, Deduct	-7.34	
			For Stave Lumber Core (SLC), Add	275.30	
			For Structural Composite Lumber Core (SCLC), Add	165.18	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	44.05	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	198.22	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	275.30	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	440.48	
			For >50 To 100, Deduct	-27.31	
			For >100, Deduct	-39.47	
08 14 16 00-0485	EA		2'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	491.84	62.39
			For 7 Ply Cold Press Construction, Deduct	-7.34	
			For Stave Lumber Core (SLC), Add	275.30	
			For Structural Composite Lumber Core (SCLC), Add	165.18	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	44.05	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	198.22	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	275.30	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	440.48	
			For >50 To 100, Deduct	-27.71	
			For >100, Deduct	-40.01	
08 14 16 00-0486	EA		2'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	495.61	62.39
			For 7 Ply Cold Press Construction, Deduct	-7.42	
			For Stave Lumber Core (SLC), Add	278.13	
			For Structural Composite Lumber Core (SCLC), Add	166.88	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	44.50	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	200.25	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	278.13	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	445.01	
			For >50 To 100, Deduct	-27.90	
			For >100, Deduct	-40.29	
08 14 16 00-0487	EA		2'-10" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	497.33	62.39
			For 7 Ply Cold Press Construction, Deduct	-7.45	
			For Stave Lumber Core (SLC), Add	279.42	
			For Structural Composite Lumber Core (SCLC), Add	167.65	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	44.71	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	201.18	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	279.42	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	447.07	
			For >50 To 100, Deduct	-27.99	
			For >100, Deduct	-40.42	
08 14 16 00-0488	EA		3'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	504.47	65.10
			For 7 Ply Cold Press Construction, Deduct	-7.49	
			For Stave Lumber Core (SLC), Add	280.70	
			For Structural Composite Lumber Core (SCLC), Add	168.42	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	44.91	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	202.11	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	280.70	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	449.12	
			For >50 To 100, Deduct	-28.48	
			For >100, Deduct	-41.09	
08 14 16 00-0489	EA		3'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	545.58	65.10
			For 7 Ply Cold Press Construction, Deduct	-8.31	
			For Stave Lumber Core (SLC), Add	311.54	
			For Structural Composite Lumber Core (SCLC), Add	186.92	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	49.85	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	224.31	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	311.54	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	498.46	
			For >50 To 100, Deduct	-30.53	
			For >100, Deduct	-44.17	



		Openings	08	08
		Doors and Frames	08 10	
		Wood Doors	08 14	

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST		UNIT COST
08 14 16 00-0490	EA 3'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	656.87		67.81
	For 7 Ply Cold Press Construction, Deduct	-10.42		
	For Stave Lumber Core (SLC), Add	390.93		
	For Structural Composite Lumber Core (SCLC), Add	234.56		
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	62.55		
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	281.47		
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	390.93		
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	625.49		
	For >50 To 100, Deduct	-36.23		
	For >100, Deduct	-52.66		
08 14 16 00-0491	EA 3'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	683.28		67.81
	For 7 Ply Cold Press Construction, Deduct	-10.95		
	For Stave Lumber Core (SLC), Add	410.74		
	For Structural Composite Lumber Core (SCLC), Add	246.44		
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	65.72		
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	295.73		
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	410.74		
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	657.18		
	For >50 To 100, Deduct	-37.55		
	For >100, Deduct	-54.64		
08 14 16 00-0492	EA 4'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	745.89		73.24
	For 7 Ply Cold Press Construction, Deduct	-11.99		
	For Stave Lumber Core (SLC), Add	449.56		
	For Structural Composite Lumber Core (SCLC), Add	269.73		
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	71.93		
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	323.68		
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	449.56		
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	719.29		
	For >50 To 100, Deduct	-40.96		
	For >100, Deduct	-59.60		
08 14 16 00-0493	EA 2'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	558.00		59.67
	For 7 Ply Cold Press Construction, Deduct	-8.77		
	For Stave Lumber Core (SLC), Add	328.98		
	For Structural Composite Lumber Core (SCLC), Add	197.39		
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	52.64		
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	236.87		
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	328.98		
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	526.37		
	For >50 To 100, Deduct	-30.88		
	For >100, Deduct	-44.83		
	For 9' Door Height, Add	92.11		
08 14 16 00-0494	EA 2'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	558.00		59.67
	For 7 Ply Cold Press Construction, Deduct	-8.77		
	For Stave Lumber Core (SLC), Add	328.98		
	For Structural Composite Lumber Core (SCLC), Add	197.39		
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	52.64		
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	236.87		
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	328.98		
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	526.37		
	For >50 To 100, Deduct	-30.88		
	For >100, Deduct	-44.83		
	For 9' Door Height, Add	92.11		
08 14 16 00-0495	EA 2'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	563.41		62.39
	For 7 Ply Cold Press Construction, Deduct	-8.77		
	For Stave Lumber Core (SLC), Add	328.98		
	For Structural Composite Lumber Core (SCLC), Add	197.39		
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	52.64		
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	236.87		
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	328.98		
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	526.37		
	For >50 To 100, Deduct	-31.29		
	For >100, Deduct	-45.38		
	For 9' Door Height, Add	92.11		
08 14 16 00-0496	EA 2'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	567.93		62.39
	For 7 Ply Cold Press Construction, Deduct	-8.86		
	For Stave Lumber Core (SLC), Add	332.37		
	For Structural Composite Lumber Core (SCLC), Add	199.42		
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	53.18		
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	239.31		
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	332.37		
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	531.79		
	For >50 To 100, Deduct	-31.52		
	For >100, Deduct	-45.71		
	For 9' Door Height, Add	93.06		
08 14 16 00-0497	EA 2'-10" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	569.99		62.39
	For 7 Ply Cold Press Construction, Deduct	-8.90		
	For Stave Lumber Core (SLC), Add	333.92		
	For Structural Composite Lumber Core (SCLC), Add	200.35		
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	53.43		
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	240.42		
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	333.92		
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	534.26		
	For >50 To 100, Deduct	-31.62		
	For >100, Deduct	-45.87		
	For 9' Door Height, Add	93.50		

08 Openings**08 10 Doors and Frames****08 14 Wood Doors**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 14 16 00-0498	EA	3'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	577.44	65.10
		For 7 Ply Cold Press Construction, Deduct	-8.94	
		For Stave Lumber Core (SLC), Add	335.43	
		For Structural Composite Lumber Core (SCLC), Add	201.26	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	53.67	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	241.51	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	335.43	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	536.69	
		For >50 To 100, Deduct	-32.13	
		For >100, Deduct	-46.56	
		For 9' Door Height, Add	93.92	
08 14 16 00-0499	EA	3'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	626.56	65.10
		For 7 Ply Cold Press Construction, Deduct	-9.93	
		For Stave Lumber Core (SLC), Add	372.27	
		For Structural Composite Lumber Core (SCLC), Add	223.36	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	59.56	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	268.03	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	372.27	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	595.63	
		For >50 To 100, Deduct	-34.58	
		For >100, Deduct	-50.25	
		For 9' Door Height, Add	104.24	
08 14 16 00-0500	EA	3'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	758.51	67.81
		For 7 Ply Cold Press Construction, Deduct	-12.46	
		For Stave Lumber Core (SLC), Add	467.16	
		For Structural Composite Lumber Core (SCLC), Add	280.30	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	74.75	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	336.36	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	467.16	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	747.46	
		For >50 To 100, Deduct	-41.32	
		For >100, Deduct	-60.28	
		For 9' Door Height, Add	130.80	
08 14 16 00-0501	EA	3'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	790.06	67.81
		For 7 Ply Cold Press Construction, Deduct	-13.09	
		For Stave Lumber Core (SLC), Add	490.82	
		For Structural Composite Lumber Core (SCLC), Add	294.49	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	78.53	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	353.39	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	490.82	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	785.32	
		For >50 To 100, Deduct	-42.89	
		For >100, Deduct	-62.65	
		For 9' Door Height, Add	137.43	
08 14 16 00-0502	EA	4'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	862.78	73.24
		For 7 Ply Cold Press Construction, Deduct	-14.33	
		For Stave Lumber Core (SLC), Add	537.23	
		For Structural Composite Lumber Core (SCLC), Add	322.34	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	85.96	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	386.80	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	537.23	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	859.56	
		For >50 To 100, Deduct	-46.80	
		For >100, Deduct	-68.37	
		For 9' Door Height, Add	150.42	

08 14 16 00-0503 Mahogany Faced Wood Doors (08 14 16 00-0440)

08 14 16 00-0504	EA	2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door	516.00	59.67
08 14 16 00-0505	EA	2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door	516.00	59.67
08 14 16 00-0506	EA	2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door	521.41	62.39
08 14 16 00-0507	EA	2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door	525.49	62.39
08 14 16 00-0508	EA	2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door	527.34	62.39
08 14 16 00-0509	EA	3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door	534.62	65.10
08 14 16 00-0510	EA	3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door	579.01	65.10
08 14 16 00-0511	EA	3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door	698.83	67.81
08 14 16 00-0512	EA	3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door	727.40	67.81
08 14 16 00-0513	EA	4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door	783.31	67.81
08 14 16 00-0514	EA	2'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door.....	539.09	59.67
08 14 16 00-0515	EA	2'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door.....	539.09	59.67
08 14 16 00-0516	EA	2'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door.....	544.50	62.39
08 14 16 00-0517	EA	2'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door.....	548.82	62.39
08 14 16 00-0518	EA	2'-10" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door.....	550.77	62.39
08 14 16 00-0519	EA	3'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door.....	558.15	65.10
08 14 16 00-0520	EA	3'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door.....	605.15	65.10
08 14 16 00-0521	EA	3'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door.....	731.62	67.81
08 14 16 00-0522	EA	3'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door.....	761.93	67.81
08 14 16 00-0523	EA	4'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door.....	821.00	67.81
08 14 16 00-0524	EA	2'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door.....	620.90	59.67
08 14 16 00-0525	EA	2'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door.....	620.90	59.67
08 14 16 00-0526	EA	2'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door.....	626.31	62.39
08 14 16 00-0527	EA	2'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door.....	631.48	62.39
08 14 16 00-0528	EA	2'-10" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door.....	633.84	62.39
08 14 16 00-0529	EA	3'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door.....	641.57	65.10
08 14 16 00-0530	EA	3'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door.....	697.75	65.10



		Openings	08	08
		Doors and Frames	08 10	
		Wood Doors	08 14	

MINOR		TOTAL DIRECT		DEMOLITION
CSI UOM DESCRIPTION		UNIT COST		UNIT COST
08 14 16 00-0531	EA 3'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door.....	847.85		67.81
08 14 16 00-0532	EA 3'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door.....	893.93		67.81
08 14 16 00-0533	EA 4'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door.....	954.67		67.81
08 14 16 00-0534 Maple Faced Wood Doors (08 14 16 00-0440)				
08 14 16 00-0535	EA 2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	423.23		59.67
	For 7 Ply Cold Press Construction, Deduct	-6.08		
	For Stave Lumber Core (SLC), Add	227.90		
	For Structural Composite Lumber Core (SCLC), Add	136.74		
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	36.46		
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	164.09		
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	227.90		
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	364.64		
	For >50 To 100, Deduct	-24.15		
	For >100, Deduct	-34.73		
08 14 16 00-0536	EA 2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	423.23		59.67
	For 7 Ply Cold Press Construction, Deduct	-6.08		
	For Stave Lumber Core (SLC), Add	227.90		
	For Structural Composite Lumber Core (SCLC), Add	136.74		
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	36.46		
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	164.09		
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	227.90		
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	364.64		
	For >50 To 100, Deduct	-24.15		
	For >100, Deduct	-34.73		
08 14 16 00-0537	EA 2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	428.64		62.39
	For 7 Ply Cold Press Construction, Deduct	-6.08		
	For Stave Lumber Core (SLC), Add	227.90		
	For Structural Composite Lumber Core (SCLC), Add	136.74		
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	36.46		
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	164.09		
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	227.90		
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	364.64		
	For >50 To 100, Deduct	-24.55		
	For >100, Deduct	-35.27		
08 14 16 00-0538	EA 2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	431.77		62.39
	For 7 Ply Cold Press Construction, Deduct	-6.14		
	For Stave Lumber Core (SLC), Add	230.25		
	For Structural Composite Lumber Core (SCLC), Add	138.15		
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	36.84		
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	165.78		
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	230.25		
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	368.40		
	For >50 To 100, Deduct	-24.71		
	For >100, Deduct	-35.50		
08 14 16 00-0539	EA 2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	433.17		62.39
	For 7 Ply Cold Press Construction, Deduct	-6.17		
	For Stave Lumber Core (SLC), Add	231.30		
	For Structural Composite Lumber Core (SCLC), Add	138.78		
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	37.01		
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	166.54		
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	231.30		
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	370.08		
	For >50 To 100, Deduct	-24.78		
	For >100, Deduct	-35.61		
08 14 16 00-0540	EA 3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	440.02		65.10
	For 7 Ply Cold Press Construction, Deduct	-6.20		
	For Stave Lumber Core (SLC), Add	232.37		
	For Structural Composite Lumber Core (SCLC), Add	139.42		
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	37.18		
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	167.30		
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	232.37		
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	371.78		
	For >50 To 100, Deduct	-25.26		
	For >100, Deduct	-36.26		
08 14 16 00-0541	EA 3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	474.06		65.10
	For 7 Ply Cold Press Construction, Deduct	-6.88		
	For Stave Lumber Core (SLC), Add	257.90		
	For Structural Composite Lumber Core (SCLC), Add	154.74		
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	41.26		
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	185.68		
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	257.90		
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	412.63		
	For >50 To 100, Deduct	-26.96		
	For >100, Deduct	-38.81		
08 14 16 00-0542	EA 3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	545.54		67.81
	For 7 Ply Cold Press Construction, Deduct	-8.20		
	For Stave Lumber Core (SLC), Add	307.43		
	For Structural Composite Lumber Core (SCLC), Add	184.46		
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	49.19		
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	221.35		
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	307.43		
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	491.89		
	For >50 To 100, Deduct	-30.67		
	For >100, Deduct	-44.31		

08 Openings**08 10 Doors and Frames****08 14 Wood Doors**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 14 16 00-0543	EA 3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	588.67	67.81
	For 7 Ply Cold Press Construction, Deduct	-9.06	
	For Stave Lumber Core (SLC), Add	339.78	
	For Structural Composite Lumber Core (SCLC), Add	203.87	
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	54.36	
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	244.64	
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	339.78	
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	543.65	
	For >50 To 100, Deduct	-32.82	
	For >100, Deduct	-47.54	
08 14 16 00-0544	EA 4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	631.86	67.81
	For 7 Ply Cold Press Construction, Deduct	-9.92	
	For Stave Lumber Core (SLC), Add	372.17	
	For Structural Composite Lumber Core (SCLC), Add	223.30	
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	59.55	
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	267.96	
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	372.17	
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	595.48	
	For >50 To 100, Deduct	-34.98	
	For >100, Deduct	-50.78	
08 14 16 00-0545	EA 2'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	440.91	59.67
	For 7 Ply Cold Press Construction, Deduct	-6.43	
	For Stave Lumber Core (SLC), Add	241.16	
	For Structural Composite Lumber Core (SCLC), Add	144.70	
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	38.59	
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	173.64	
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	241.16	
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	385.86	
	For >50 To 100, Deduct	-25.03	
	For >100, Deduct	-36.05	
08 14 16 00-0546	EA 2'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	440.91	59.67
	For 7 Ply Cold Press Construction, Deduct	-6.43	
	For Stave Lumber Core (SLC), Add	241.16	
	For Structural Composite Lumber Core (SCLC), Add	144.70	
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	38.59	
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	173.64	
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	241.16	
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	385.86	
	For >50 To 100, Deduct	-25.03	
	For >100, Deduct	-36.05	
08 14 16 00-0547	EA 2'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	446.32	62.39
	For 7 Ply Cold Press Construction, Deduct	-6.43	
	For Stave Lumber Core (SLC), Add	241.16	
	For Structural Composite Lumber Core (SCLC), Add	144.70	
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	38.59	
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	173.64	
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	241.16	
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	385.86	
	For >50 To 100, Deduct	-25.44	
	For >100, Deduct	-36.59	
08 14 16 00-0548	EA 2'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	449.62	62.39
	For 7 Ply Cold Press Construction, Deduct	-6.50	
	For Stave Lumber Core (SLC), Add	243.64	
	For Structural Composite Lumber Core (SCLC), Add	146.18	
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	38.98	
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	175.42	
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	243.64	
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	389.82	
	For >50 To 100, Deduct	-25.60	
	For >100, Deduct	-36.84	
08 14 16 00-0549	EA 2'-10" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	451.12	62.39
	For 7 Ply Cold Press Construction, Deduct	-6.53	
	For Stave Lumber Core (SLC), Add	244.76	
	For Structural Composite Lumber Core (SCLC), Add	146.86	
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	39.16	
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	176.23	
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	244.76	
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	391.62	
	For >50 To 100, Deduct	-25.68	
	For >100, Deduct	-36.95	
08 14 16 00-0550	EA 3'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	458.05	65.10
	For 7 Ply Cold Press Construction, Deduct	-6.56	
	For Stave Lumber Core (SLC), Add	245.89	
	For Structural Composite Lumber Core (SCLC), Add	147.53	
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	39.34	
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	177.04	
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	245.89	
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	393.42	
	For >50 To 100, Deduct	-26.16	
	For >100, Deduct	-37.61	



		Openings	08	08
		Doors and Frames	08 10	
		Wood Doors	08 14	

MINOR		TOTAL DIRECT		DEMOLITION
CSI UOM DESCRIPTION		UNIT COST		UNIT COST
08 14 16 00-0551	EA 3'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	494.07		65.10
	For 7 Ply Cold Press Construction, Deduct	-7.28		
	For Stave Lumber Core (SLC), Add	272.90		
	For Structural Composite Lumber Core (SCLC), Add	163.74		
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	43.66		
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	196.49		
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	272.90		
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	436.64		
	For >50 To 100, Deduct	-27.96		
	For >100, Deduct	-40.31		
08 14 16 00-0552	EA 3'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	569.39		67.81
	For 7 Ply Cold Press Construction, Deduct	-8.68		
	For Stave Lumber Core (SLC), Add	325.32		
	For Structural Composite Lumber Core (SCLC), Add	195.19		
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	52.05		
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	234.23		
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	325.32		
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	520.51		
	For >50 To 100, Deduct	-31.66		
	For >100, Deduct	-46.10		
08 14 16 00-0553	EA 3'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	615.06		67.81
	For 7 Ply Cold Press Construction, Deduct	-9.59		
	For Stave Lumber Core (SLC), Add	359.57		
	For Structural Composite Lumber Core (SCLC), Add	215.74		
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	57.53		
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	258.89		
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	359.57		
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	575.32		
	For >50 To 100, Deduct	-34.14		
	For >100, Deduct	-49.52		
08 14 16 00-0554	EA 4'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	660.75		67.81
	For 7 Ply Cold Press Construction, Deduct	-10.50		
	For Stave Lumber Core (SLC), Add	393.84		
	For Structural Composite Lumber Core (SCLC), Add	236.30		
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	63.01		
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	283.56		
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	393.84		
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	630.14		
	For >50 To 100, Deduct	-36.43		
	For >100, Deduct	-52.95		
08 14 16 00-0555	EA 2'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	503.61		59.67
	For 7 Ply Cold Press Construction, Deduct	-7.69		
	For Stave Lumber Core (SLC), Add	288.19		
	For Structural Composite Lumber Core (SCLC), Add	172.91		
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	46.11		
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	207.50		
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	288.19		
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	461.10		
	For >50 To 100, Deduct	-28.16		
	For >100, Deduct	-40.75		
	For 9' Door Height, Add	80.69		
08 14 16 00-0556	EA 2'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	503.61		59.67
	For 7 Ply Cold Press Construction, Deduct	-7.69		
	For Stave Lumber Core (SLC), Add	288.19		
	For Structural Composite Lumber Core (SCLC), Add	172.91		
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	46.11		
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	207.50		
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	288.19		
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	461.10		
	For >50 To 100, Deduct	-28.16		
	For >100, Deduct	-40.75		
	For 9' Door Height, Add	80.69		
08 14 16 00-0557	EA 2'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	509.02		62.39
	For 7 Ply Cold Press Construction, Deduct	-7.69		
	For Stave Lumber Core (SLC), Add	288.19		
	For Structural Composite Lumber Core (SCLC), Add	172.91		
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	46.11		
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	207.50		
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	288.19		
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	461.10		
	For >50 To 100, Deduct	-28.57		
	For >100, Deduct	-41.30		
	For 9' Door Height, Add	80.69		
08 14 16 00-0558	EA 2'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	512.97		62.39
	For 7 Ply Cold Press Construction, Deduct	-7.76		
	For Stave Lumber Core (SLC), Add	291.15		
	For Structural Composite Lumber Core (SCLC), Add	174.69		
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	46.58		
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	209.63		
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	291.15		
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	465.84		
	For >50 To 100, Deduct	-28.77		
	For >100, Deduct	-41.59		
	For 9' Door Height, Add	81.52		

08 Openings**08 10 Doors and Frames****08 14 Wood Doors**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 14 16 00-0559	EA	2'-10" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	514.77	62.39
		For 7 Ply Cold Press Construction, Deduct	-7.80	
		For Stave Lumber Core (SLC), Add	292.50	
		For Structural Composite Lumber Core (SCLC), Add	175.50	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	46.80	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	210.60	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	292.50	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	468.00	
		For >50 To 100, Deduct	-28.86	
		For >100, Deduct	-41.73	
		For 9' Door Height, Add	81.90	
08 14 16 00-0560	EA	3'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	521.98	65.10
		For 7 Ply Cold Press Construction, Deduct	-7.84	
		For Stave Lumber Core (SLC), Add	293.84	
		For Structural Composite Lumber Core (SCLC), Add	176.30	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	47.01	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	211.56	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	293.84	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	470.14	
		For >50 To 100, Deduct	-29.35	
		For >100, Deduct	-42.40	
		For 9' Door Height, Add	82.27	
08 14 16 00-0561	EA	3'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	565.01	65.10
		For 7 Ply Cold Press Construction, Deduct	-8.70	
		For Stave Lumber Core (SLC), Add	326.11	
		For Structural Composite Lumber Core (SCLC), Add	195.66	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	52.18	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	234.80	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	326.11	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	521.77	
		For >50 To 100, Deduct	-31.51	
		For >100, Deduct	-45.63	
		For 9' Door Height, Add	91.31	
08 14 16 00-0562	EA	3'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	653.97	67.81
		For 7 Ply Cold Press Construction, Deduct	-10.37	
		For Stave Lumber Core (SLC), Add	388.76	
		For Structural Composite Lumber Core (SCLC), Add	233.25	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	62.20	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	279.90	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	388.76	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	622.01	
		For >50 To 100, Deduct	-36.09	
		For >100, Deduct	-52.44	
		For 9' Door Height, Add	108.85	
08 14 16 00-0563	EA	3'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	708.54	67.81
		For 7 Ply Cold Press Construction, Deduct	-11.46	
		For Stave Lumber Core (SLC), Add	429.68	
		For Structural Composite Lumber Core (SCLC), Add	257.81	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	68.75	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	309.37	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	429.68	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	687.49	
		For >50 To 100, Deduct	-38.82	
		For >100, Deduct	-56.53	
		For 9' Door Height, Add	120.31	
08 14 16 00-0564	EA	4'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	763.13	67.81
		For 7 Ply Cold Press Construction, Deduct	-12.55	
		For Stave Lumber Core (SLC), Add	470.63	
		For Structural Composite Lumber Core (SCLC), Add	282.38	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	75.30	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	338.85	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	470.63	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	753.00	
		For >50 To 100, Deduct	-41.55	
		For >100, Deduct	-60.63	
		For 9' Door Height, Add	131.78	
08 14 16 00-0565	Cherry Faced Wood Doors (08 14 16 00-0440)			
08 14 16 00-0566	EA	2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door	585.99	59.67
08 14 16 00-0567	EA	2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door	585.99	59.67
08 14 16 00-0568	EA	2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door	591.40	62.39
08 14 16 00-0569	EA	2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door	596.19	62.39
08 14 16 00-0570	EA	2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door	598.39	62.39
08 14 16 00-0571	EA	3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door	605.98	65.10
08 14 16 00-0572	EA	3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door	658.22	65.10
08 14 16 00-0573	EA	3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door	798.21	67.81
08 14 16 00-0574	EA	3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door	831.82	67.81
08 14 16 00-0575	EA	4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door	897.63	67.81
08 14 16 00-0576	EA	2'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door	613.15	59.67
08 14 16 00-0577	EA	2'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door	613.15	59.67
08 14 16 00-0578	EA	2'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door	618.56	62.39
08 14 16 00-0579	EA	2'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door	623.63	62.39
08 14 16 00-0580	EA	2'-10" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door	625.93	62.39
08 14 16 00-0581	EA	3'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door	633.66	65.10
08 14 16 00-0582	EA	3'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door	688.98	65.10



		Openings	08	08
		Doors and Frames	08 10	
		Wood Doors	08 14	

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST		UNIT COST
08 14 16 00-0583	EA 3'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door.....	836.79		67.81
08 14 16 00-0584	EA 3'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door.....	872.45		67.81
08 14 16 00-0585	EA 4'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door.....	941.96		67.81
08 14 16 00-0586	EA 2'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door.....	709.42		59.67
08 14 16 00-0587	EA 2'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door.....	709.42		59.67
08 14 16 00-0588	EA 2'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door.....	714.83		62.39
08 14 16 00-0589	EA 2'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door.....	720.93		62.39
08 14 16 00-0590	EA 2'-10" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door.....	723.67		62.39
08 14 16 00-0591	EA 3'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door.....	731.84		65.10
08 14 16 00-0592	EA 3'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door.....	797.92		65.10
08 14 16 00-0593	EA 3'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door.....	973.51		67.81
08 14 16 00-0594	EA 3'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door.....	1,015.96		67.81
08 14 16 00-0595	EA 4'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door.....	1,099.20		67.81
08 14 16 00-0596	Walnut Faced Wood Doors (08 14 16 00-0440)			
08 14 16 00-0597	EA 2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door.....	651.59		59.67
	For 7 Ply Cold Press Construction, Deduct	-10.64		
	For Stave Lumber Core (SLC), Add	399.17		
	For Structural Composite Lumber Core (SCLC), Add	239.50		
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	63.87		
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	287.40		
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	399.17		
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	638.68		
	For >50 To 100, Deduct	-35.56		
	For >100, Deduct	-51.85		
08 14 16 00-0598	EA 2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door.....	651.59		59.67
	For 7 Ply Cold Press Construction, Deduct	-10.64		
	For Stave Lumber Core (SLC), Add	399.17		
	For Structural Composite Lumber Core (SCLC), Add	239.50		
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	63.87		
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	287.40		
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	399.17		
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	638.68		
	For >50 To 100, Deduct	-35.56		
	For >100, Deduct	-51.85		
08 14 16 00-0599	EA 2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door.....	657.17		62.39
	For 7 Ply Cold Press Construction, Deduct	-10.65		
	For Stave Lumber Core (SLC), Add	399.30		
	For Structural Composite Lumber Core (SCLC), Add	239.58		
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	63.89		
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	287.50		
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	399.30		
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	638.88		
	For >50 To 100, Deduct	-35.98		
	For >100, Deduct	-52.41		
08 14 16 00-0600	EA 2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door.....	662.65		62.39
	For 7 Ply Cold Press Construction, Deduct	-10.76		
	For Stave Lumber Core (SLC), Add	403.41		
	For Structural Composite Lumber Core (SCLC), Add	242.05		
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	64.55		
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	290.46		
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	403.41		
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	645.46		
	For >50 To 100, Deduct	-36.25		
	For >100, Deduct	-52.82		
08 14 16 00-0601	EA 2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door.....	677.01		62.39
	For 7 Ply Cold Press Construction, Deduct	-11.04		
	For Stave Lumber Core (SLC), Add	414.18		
	For Structural Composite Lumber Core (SCLC), Add	248.51		
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	66.27		
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	298.21		
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	414.18		
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	662.69		
	For >50 To 100, Deduct	-36.97		
	For >100, Deduct	-53.90		
08 14 16 00-0602	EA 3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door.....	696.76		65.10
	For 7 Ply Cold Press Construction, Deduct	-11.33		
	For Stave Lumber Core (SLC), Add	424.92		
	For Structural Composite Lumber Core (SCLC), Add	254.95		
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	67.99		
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	305.94		
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	424.92		
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	679.87		
	For >50 To 100, Deduct	-38.09		
	For >100, Deduct	-55.51		
08 14 16 00-0603	EA 3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door.....	733.96		65.10
	For 7 Ply Cold Press Construction, Deduct	-12.08		
	For Stave Lumber Core (SLC), Add	452.82		
	For Structural Composite Lumber Core (SCLC), Add	271.69		
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	72.45		
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	326.03		
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	452.82		
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	724.51		
	For >50 To 100, Deduct	-39.95		
	For >100, Deduct	-58.30		

08 Openings**08 10 Doors and Frames****08 14 Wood Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0604	EA		3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door.....	896.43	67.81
			For 7 Ply Cold Press Construction, Deduct	-15.22	
			For Stave Lumber Core (SLC), Add	570.60	
			For Structural Composite Lumber Core (SCLC), Add	342.36	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	91.30	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	410.83	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	570.60	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	912.96	
			For >50 To 100, Deduct	-48.21	
			For >100, Deduct	-70.62	
08 14 16 00-0605	EA		3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door.....	934.46	67.81
			For 7 Ply Cold Press Construction, Deduct	-15.98	
			For Stave Lumber Core (SLC), Add	599.12	
			For Structural Composite Lumber Core (SCLC), Add	359.47	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	95.86	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	431.37	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	599.12	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	958.60	
			For >50 To 100, Deduct	-50.11	
			For >100, Deduct	-73.48	
08 14 16 00-0606	EA		4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door.....	1,010.58	67.81
			For 7 Ply Cold Press Construction, Deduct	-17.50	
			For Stave Lumber Core (SLC), Add	656.21	
			For Structural Composite Lumber Core (SCLC), Add	393.73	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	104.99	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	472.47	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	656.21	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	1,049.94	
			For >50 To 100, Deduct	-53.92	
			For >100, Deduct	-79.18	
08 14 16 00-0607	EA		2'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door.....	682.56	59.67
			For 7 Ply Cold Press Construction, Deduct	-11.26	
			For Stave Lumber Core (SLC), Add	422.40	
			For Structural Composite Lumber Core (SCLC), Add	253.44	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	67.58	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	304.13	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	422.40	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	675.84	
			For >50 To 100, Deduct	-37.11	
			For >100, Deduct	-54.18	
08 14 16 00-0608	EA		2'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door.....	682.56	59.67
			For 7 Ply Cold Press Construction, Deduct	-11.26	
			For Stave Lumber Core (SLC), Add	422.40	
			For Structural Composite Lumber Core (SCLC), Add	253.44	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	67.58	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	304.13	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	422.40	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	675.84	
			For >50 To 100, Deduct	-37.11	
			For >100, Deduct	-54.18	
08 14 16 00-0609	EA		2'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door.....	688.14	62.39
			For 7 Ply Cold Press Construction, Deduct	-11.27	
			For Stave Lumber Core (SLC), Add	422.53	
			For Structural Composite Lumber Core (SCLC), Add	253.52	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	67.60	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	304.22	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	422.53	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	676.04	
			For >50 To 100, Deduct	-37.53	
			For >100, Deduct	-54.73	
08 14 16 00-0610	EA		2'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door.....	693.97	62.39
			For 7 Ply Cold Press Construction, Deduct	-11.38	
			For Stave Lumber Core (SLC), Add	426.90	
			For Structural Composite Lumber Core (SCLC), Add	256.14	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	68.30	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	307.37	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	426.90	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	683.04	
			For >50 To 100, Deduct	-37.82	
			For >100, Deduct	-55.17	
08 14 16 00-0611	EA		2'-10" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door.....	709.14	62.39
			For 7 Ply Cold Press Construction, Deduct	-11.69	
			For Stave Lumber Core (SLC), Add	438.28	
			For Structural Composite Lumber Core (SCLC), Add	262.97	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	70.12	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	315.56	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	438.28	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	701.24	
			For >50 To 100, Deduct	-38.58	
			For >100, Deduct	-56.30	



		Openings	08	08
		Doors and Frames	08 10	
		Wood Doors	08 14	

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST		UNIT COST
08 14 16 00-0612	EA 3'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	729.72 -11.99 449.64 269.78 71.94 323.74 449.64 719.42 -39.74 -57.98		65.10
08 14 16 00-0613	EA 3'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	769.11 -12.78 479.18 287.51 76.67 345.01 479.18 766.69 -41.71 -60.94		65.10
08 14 16 00-0614	EA 3'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	940.69 -16.10 603.80 362.28 96.61 434.73 603.80 966.07 -50.43 -73.94		67.81
08 14 16 00-0615	EA 3'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	980.95 -16.91 633.99 380.39 101.44 456.47 633.99 1,014.38 -52.44 -76.96		67.81
08 14 16 00-0616	EA 4'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct	1,061.49 -18.52 694.40 416.64 111.10 499.96 694.40 1,111.03 -56.47 -83.00		67.81
08 14 16 00-0617	EA 2'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	792.39 -13.46 504.77 302.86 80.76 363.44 504.77 807.64 -42.60 -62.41 141.34		59.67
08 14 16 00-0618	EA 2'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	792.39 -13.46 504.77 302.86 80.76 363.44 504.77 807.64 -42.60 -62.41 141.34		59.67
08 14 16 00-0619	EA 2'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door For 7 Ply Cold Press Construction, Deduct For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	798.01 -13.46 504.93 302.96 80.79 363.55 504.93 807.89 -43.02 -62.97 141.38		62.39

08 Openings**08 10 Doors and Frames****08 14 Wood Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0620	EA		2'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door 804.96		62.39
			For 7 Ply Cold Press Construction, Deduct	-13.60	
			For Stave Lumber Core (SLC), Add	510.14	
			For Structural Composite Lumber Core (SCLC), Add	306.09	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	81.62	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	367.30	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	510.14	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	816.23	
			For >50 To 100, Deduct	-43.37	
			For >100, Deduct	-63.49	
			For 9' Door Height, Add	142.84	
08 14 16 00-0621	EA		2'-10" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door 823.09		62.39
			For 7 Ply Cold Press Construction, Deduct	-13.97	
			For Stave Lumber Core (SLC), Add	523.74	
			For Structural Composite Lumber Core (SCLC), Add	314.24	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	83.80	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	377.09	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	523.74	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	837.98	
			For >50 To 100, Deduct	-44.27	
			For >100, Deduct	-64.85	
			For 9' Door Height, Add	146.65	
08 14 16 00-0622	EA		3'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door 846.64		65.10
			For 7 Ply Cold Press Construction, Deduct	-14.33	
			For Stave Lumber Core (SLC), Add	537.33	
			For Structural Composite Lumber Core (SCLC), Add	322.40	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	85.97	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	386.88	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	537.33	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	859.73	
			For >50 To 100, Deduct	-45.59	
			For >100, Deduct	-66.75	
			For 9' Door Height, Add	150.45	
08 14 16 00-0623	EA		3'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door 893.71		65.10
			For 7 Ply Cold Press Construction, Deduct	-15.27	
			For Stave Lumber Core (SLC), Add	572.63	
			For Structural Composite Lumber Core (SCLC), Add	343.58	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	91.62	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	412.30	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	572.63	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	916.21	
			For >50 To 100, Deduct	-47.94	
			For >100, Deduct	-70.28	
			For 9' Door Height, Add	160.34	
08 14 16 00-0624	EA		3'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door 1,097.70		67.81
			For 7 Ply Cold Press Construction, Deduct	-19.24	
			For Stave Lumber Core (SLC), Add	721.55	
			For Structural Composite Lumber Core (SCLC), Add	432.93	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	115.45	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	519.52	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	721.55	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	1,154.48	
			For >50 To 100, Deduct	-58.28	
			For >100, Deduct	-85.72	
			For 9' Door Height, Add	202.03	
08 14 16 00-0625	EA		3'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door 1,145.80		67.81
			For 7 Ply Cold Press Construction, Deduct	-20.20	
			For Stave Lumber Core (SLC), Add	757.63	
			For Structural Composite Lumber Core (SCLC), Add	454.58	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	121.22	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	545.49	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	757.63	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	1,212.20	
			For >50 To 100, Deduct	-60.68	
			For >100, Deduct	-89.33	
			For 9' Door Height, Add	212.14	
08 14 16 00-0626	EA		4'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door 1,242.03		67.81
			For 7 Ply Cold Press Construction, Deduct	-22.13	
			For Stave Lumber Core (SLC), Add	829.80	
			For Structural Composite Lumber Core (SCLC), Add	497.88	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	132.77	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	597.46	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	829.80	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	1,327.68	
			For >50 To 100, Deduct	-65.49	
			For >100, Deduct	-96.54	
			For 9' Door Height, Add	232.34	
08 14 16 00-0627			Lauan Faced Wood Doors (08 14 16 00-0440)		
08 14 16 00-0628	EA		2'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door 407.56		59.67
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	34.58	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	155.63	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	216.15	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	345.84	
			For >50 To 100, Deduct	-23.36	
			For >100, Deduct	-33.55	



Openings			08	08
Doors and Frames			08 10	
Wood Doors			08 14	

MINOR			TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
08 14 16 00-0629	EA	2'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	407.56	59.67
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	34.58	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	155.63	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	216.15	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	345.84	
		For >50 To 100, Deduct	-23.36	
		For >100, Deduct	-33.55	
08 14 16 00-0630	EA	2'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	413.80	62.39
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	34.68	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	156.08	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	216.77	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	346.84	
		For >50 To 100, Deduct	-23.81	
		For >100, Deduct	-34.15	
08 14 16 00-0631	EA	2'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	422.11	62.39
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	35.68	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	160.56	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	223.07	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	356.81	
		For >50 To 100, Deduct	-24.22	
		For >100, Deduct	-34.78	
08 14 16 00-0632	EA	2'-10" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	425.11	62.39
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	36.04	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	162.18	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	225.26	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	360.41	
		For >50 To 100, Deduct	-24.37	
		For >100, Deduct	-35.00	
08 14 16 00-0633	EA	3'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	433.54	65.10
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	36.40	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	163.80	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	227.51	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	364.01	
		For >50 To 100, Deduct	-24.93	
		For >100, Deduct	-35.77	
08 14 16 00-0634	EA	3'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	460.95	65.10
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	39.69	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	178.61	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	248.06	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	396.90	
		For >50 To 100, Deduct	-26.30	
		For >100, Deduct	-37.83	
08 14 16 00-0635	EA	3'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	489.97	67.81
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	42.52	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	191.34	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	265.76	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	425.21	
		For >50 To 100, Deduct	-27.89	
		For >100, Deduct	-40.14	
08 14 16 00-0636	EA	3'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	507.69	67.81
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	44.65	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	200.91	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	279.05	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	446.47	
		For >50 To 100, Deduct	-28.78	
		For >100, Deduct	-41.47	
08 14 16 00-0637	EA	4'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	543.14	67.81
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	48.90	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	220.06	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	305.63	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	489.01	
		For >50 To 100, Deduct	-30.55	
		For >100, Deduct	-44.13	
08 14 16 00-0638	EA	2'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	424.32	59.67
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	36.60	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	164.68	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	228.72	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	365.95	
		For >50 To 100, Deduct	-24.20	
		For >100, Deduct	-34.81	
08 14 16 00-0639	EA	2'-4" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	424.31	59.67
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	36.59	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	164.67	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	228.71	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	365.94	
		For >50 To 100, Deduct	-24.20	
		For >100, Deduct	-34.81	
08 14 16 00-0640	EA	2'-6" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	430.61	62.39
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	36.70	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	165.15	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	229.38	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	367.01	
		For >50 To 100, Deduct	-24.65	
		For >100, Deduct	-35.42	

08 Openings**08 10 Doors and Frames****08 14 Wood Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0641	EA	2'-8" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	.....	439.39	62.39
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	.....	37.75	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	.....	169.89	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	.....	235.97	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	.....	377.54	
		For >50 To 100, Deduct	.....	-25.09	
		For >100, Deduct	.....	-36.07	
08 14 16 00-0642	EA	2'-10" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	.....	442.60	62.39
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	.....	38.14	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	.....	171.63	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	.....	238.37	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	.....	381.40	
		For >50 To 100, Deduct	.....	-25.25	
		For >100, Deduct	.....	-36.31	
08 14 16 00-0643	EA	3'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	.....	451.19	65.10
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	.....	38.52	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	.....	173.33	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	.....	240.74	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	.....	385.19	
		For >50 To 100, Deduct	.....	-25.81	
		For >100, Deduct	.....	-37.09	
08 14 16 00-0644	EA	3'-4" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	.....	480.20	65.10
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	.....	42.00	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	.....	189.00	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	.....	262.50	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	.....	420.00	
		For >50 To 100, Deduct	.....	-27.27	
		For >100, Deduct	.....	-39.27	
08 14 16 00-0645	EA	3'-6" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	.....	510.60	67.81
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	.....	45.00	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	.....	202.48	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	.....	281.23	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	.....	449.96	
		For >50 To 100, Deduct	.....	-28.92	
		For >100, Deduct	.....	-41.69	
08 14 16 00-0646	EA	3'-8" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	.....	529.34	67.81
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	.....	47.25	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	.....	212.60	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	.....	295.28	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	.....	472.45	
		For >50 To 100, Deduct	.....	-29.86	
		For >100, Deduct	.....	-43.09	
08 14 16 00-0647	EA	4'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	.....	566.87	67.81
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	.....	51.75	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	.....	232.87	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	.....	323.43	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	.....	517.49	
		For >50 To 100, Deduct	.....	-31.73	
		For >100, Deduct	.....	-45.91	
08 14 16 00-0648	EA	2'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	.....	483.76	59.67
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	.....	43.73	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	.....	196.78	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	.....	273.30	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	.....	437.28	
		For >50 To 100, Deduct	.....	-27.17	
		For >100, Deduct	.....	-39.27	
		For 9' Door Height, Add	.....	76.52	
08 14 16 00-0649	EA	2'-4" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	.....	483.76	59.67
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	.....	43.73	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	.....	196.78	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	.....	273.30	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	.....	437.28	
		For >50 To 100, Deduct	.....	-27.17	
		For >100, Deduct	.....	-39.27	
		For 9' Door Height, Add	.....	76.52	
08 14 16 00-0650	EA	2'-6" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	.....	490.23	62.39
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	.....	43.86	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	.....	197.35	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	.....	274.10	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	.....	438.55	
		For >50 To 100, Deduct	.....	-27.63	
		For >100, Deduct	.....	-39.89	
		For 9' Door Height, Add	.....	76.75	
08 14 16 00-0651	EA	2'-8" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	.....	500.76	62.39
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	.....	45.12	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	.....	203.03	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	.....	281.99	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	.....	451.19	
		For >50 To 100, Deduct	.....	-28.16	
		For >100, Deduct	.....	-40.68	
		For 9' Door Height, Add	.....	78.96	



		Openings	08	08
		Doors and Frames	08 10	
		Wood Doors	08 14	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0652	EA		2'-10" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	504.59 45.58 205.10 284.87 455.78 -28.35 -40.96 79.76	62.39
08 14 16 00-0653	EA		3'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	513.80 46.03 207.14 287.70 460.32 -28.95 -41.79 80.56	65.10
08 14 16 00-0654	EA		3'-4" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	548.47 50.19 225.87 313.70 501.92 -30.68 -44.39 87.84	65.10
08 14 16 00-0655	EA		3'-6" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	583.71 53.77 241.96 336.06 537.70 -32.58 -47.17 94.10	67.81
08 14 16 00-0656	EA		3'-8" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	606.10 56.46 254.05 352.85 564.56 -33.70 -48.85 98.80	67.81
08 14 16 00-0657	EA		4'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	650.96 61.84 278.28 386.50 618.40 -35.94 -52.21 108.22	67.81
08 14 16 00-0658			Medium Density Overlay (MDO) Wood Doors (08 14 16 00-0440)		
08 14 16 00-0659	EA		2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For >50 To 100, Deduct For >100, Deduct	337.74 163.79 98.27 26.21 -19.87 -28.31	59.67
08 14 16 00-0660	EA		2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For >50 To 100, Deduct For >100, Deduct	337.74 163.79 98.27 26.21 -19.87 -28.31	59.67
08 14 16 00-0661	EA		2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For >50 To 100, Deduct For >100, Deduct	355.80 173.27 103.96 27.72 -20.91 -29.80	62.39
08 14 16 00-0662	EA		2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For >50 To 100, Deduct For >100, Deduct	368.42 182.74 109.64 29.24 -21.54 -30.75	62.39
08 14 16 00-0663	EA		2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For >50 To 100, Deduct For >100, Deduct	370.77 184.50 110.70 29.52 -21.66 -30.93	62.39
08 14 16 00-0664	EA		3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For >50 To 100, Deduct For >100, Deduct	378.58 186.29 111.77 29.81 -22.18 -31.65	65.10

08 Openings**08 10 Doors and Frames****08 14 Wood Doors**

MINOR			TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
08 14 16 00-0665	EA	3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	405.96	65.10
		For Stave Lumber Core (SLC), Add	206.82	
		For Structural Composite Lumber Core (SCLC), Add	124.09	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	33.09	
		For >50 To 100, Deduct	-23.55	
		For >100, Deduct	-33.70	
08 14 16 00-0666	EA	3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	461.38	67.81
		For Stave Lumber Core (SLC), Add	244.31	
		For Structural Composite Lumber Core (SCLC), Add	146.59	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	39.09	
		For >50 To 100, Deduct	-26.46	
		For >100, Deduct	-37.99	
08 14 16 00-0667	EA	3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	477.68	67.81
		For Stave Lumber Core (SLC), Add	256.54	
		For Structural Composite Lumber Core (SCLC), Add	153.92	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	41.05	
		For >50 To 100, Deduct	-27.27	
		For >100, Deduct	-39.22	
08 14 16 00-0668	EA	4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	510.23	67.81
		For Stave Lumber Core (SLC), Add	280.95	
		For Structural Composite Lumber Core (SCLC), Add	168.57	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	44.95	
		For >50 To 100, Deduct	-28.90	
		For >100, Deduct	-41.66	
08 14 16 00-0669	EA	2'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	350.46	59.67
		For Stave Lumber Core (SLC), Add	173.33	
		For Structural Composite Lumber Core (SCLC), Add	104.00	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	27.73	
		For >50 To 100, Deduct	-20.51	
		For >100, Deduct	-29.27	
08 14 16 00-0670	EA	2'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	350.46	59.67
		For Stave Lumber Core (SLC), Add	173.33	
		For Structural Composite Lumber Core (SCLC), Add	104.00	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	27.73	
		For >50 To 100, Deduct	-20.51	
		For >100, Deduct	-29.27	
08 14 16 00-0671	EA	2'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	369.26	62.39
		For Stave Lumber Core (SLC), Add	183.37	
		For Structural Composite Lumber Core (SCLC), Add	110.02	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	29.34	
		For >50 To 100, Deduct	-21.58	
		For >100, Deduct	-30.81	
08 14 16 00-0672	EA	2'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	382.61	62.39
		For Stave Lumber Core (SLC), Add	193.38	
		For Structural Composite Lumber Core (SCLC), Add	116.03	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	30.94	
		For >50 To 100, Deduct	-22.25	
		For >100, Deduct	-31.82	
08 14 16 00-0673	EA	2'-10" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	385.09	62.39
		For Stave Lumber Core (SLC), Add	195.24	
		For Structural Composite Lumber Core (SCLC), Add	117.14	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	31.24	
		For >50 To 100, Deduct	-22.37	
		For >100, Deduct	-32.00	
08 14 16 00-0674	EA	3'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	393.04	65.10
		For Stave Lumber Core (SLC), Add	197.13	
		For Structural Composite Lumber Core (SCLC), Add	118.28	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	31.54	
		For >50 To 100, Deduct	-22.91	
		For >100, Deduct	-32.73	
08 14 16 00-0675	EA	3'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	421.99	65.10
		For Stave Lumber Core (SLC), Add	218.84	
		For Structural Composite Lumber Core (SCLC), Add	131.31	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	35.01	
		For >50 To 100, Deduct	-24.35	
		For >100, Deduct	-34.90	
08 14 16 00-0676	EA	3'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	480.33	67.81
		For Stave Lumber Core (SLC), Add	258.53	
		For Structural Composite Lumber Core (SCLC), Add	155.12	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	41.36	
		For >50 To 100, Deduct	-27.41	
		For >100, Deduct	-39.42	
08 14 16 00-0677	EA	3'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	497.58	67.81
		For Stave Lumber Core (SLC), Add	271.46	
		For Structural Composite Lumber Core (SCLC), Add	162.88	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	43.43	
		For >50 To 100, Deduct	-28.27	
		For >100, Deduct	-40.71	
08 14 16 00-0678	EA	4'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	532.04	67.81
		For Stave Lumber Core (SLC), Add	297.31	
		For Structural Composite Lumber Core (SCLC), Add	178.38	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	47.57	
		For >50 To 100, Deduct	-29.99	
		For >100, Deduct	-43.29	



		Openings	08
		Doors and Frames	08 10
		Wood Doors	08 14

MINOR		TOTAL DIRECT		DEMOLITION
CSI UOM DESCRIPTION		UNIT COST		UNIT COST
08 14 16 00-0679	EA 2'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	395.52		59.67
	For Stave Lumber Core (SLC), Add	207.12		
	For Structural Composite Lumber Core (SCLC), Add	124.27		
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	33.14		
	For >50 To 100, Deduct	-22.76		
	For >100, Deduct	-32.65		
	For 9' Door Height, Add	57.99		
08 14 16 00-0680	EA 2'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	395.52		59.67
	For Stave Lumber Core (SLC), Add	207.12		
	For Structural Composite Lumber Core (SCLC), Add	124.27		
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	33.14		
	For >50 To 100, Deduct	-22.76		
	For >100, Deduct	-32.65		
	For 9' Door Height, Add	57.99		
08 14 16 00-0681	EA 2'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	416.93		62.39
	For Stave Lumber Core (SLC), Add	219.12		
	For Structural Composite Lumber Core (SCLC), Add	131.47		
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	35.06		
	For >50 To 100, Deduct	-23.97		
	For >100, Deduct	-34.39		
	For 9' Door Height, Add	61.35		
08 14 16 00-0682	EA 2'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	432.90		62.39
	For Stave Lumber Core (SLC), Add	231.10		
	For Structural Composite Lumber Core (SCLC), Add	138.66		
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	36.98		
	For >50 To 100, Deduct	-24.76		
	For >100, Deduct	-35.59		
	For 9' Door Height, Add	64.71		
08 14 16 00-0683	EA 2'-10" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	435.85		62.39
	For Stave Lumber Core (SLC), Add	233.31		
	For Structural Composite Lumber Core (SCLC), Add	139.99		
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	37.33		
	For >50 To 100, Deduct	-24.91		
	For >100, Deduct	-35.81		
	For 9' Door Height, Add	65.33		
08 14 16 00-0684	EA 3'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	444.30		65.10
	For Stave Lumber Core (SLC), Add	235.58		
	For Structural Composite Lumber Core (SCLC), Add	141.35		
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	37.69		
	For >50 To 100, Deduct	-25.47		
	For >100, Deduct	-36.58		
	For 9' Door Height, Add	65.96		
08 14 16 00-0685	EA 3'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	478.90		65.10
	For Stave Lumber Core (SLC), Add	261.53		
	For Structural Composite Lumber Core (SCLC), Add	156.92		
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	41.84		
	For >50 To 100, Deduct	-27.20		
	For >100, Deduct	-39.17		
	For 9' Door Height, Add	73.23		
08 14 16 00-0686	EA 3'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	547.54		67.81
	For Stave Lumber Core (SLC), Add	308.93		
	For Structural Composite Lumber Core (SCLC), Add	185.36		
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	49.43		
	For >50 To 100, Deduct	-30.77		
	For >100, Deduct	-44.46		
	For 9' Door Height, Add	86.50		
08 14 16 00-0687	EA 3'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	568.17		67.81
	For Stave Lumber Core (SLC), Add	324.41		
	For Structural Composite Lumber Core (SCLC), Add	194.64		
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	51.90		
	For >50 To 100, Deduct	-31.80		
	For >100, Deduct	-46.00		
	For 9' Door Height, Add	90.83		
08 14 16 00-0688	EA 4'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	609.34		67.81
	For Stave Lumber Core (SLC), Add	355.28		
	For Structural Composite Lumber Core (SCLC), Add	213.17		
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	56.85		
	For >50 To 100, Deduct	-33.86		
	For >100, Deduct	-49.09		
	For 9' Door Height, Add	99.48		
08 14 16 00-0689	2-1/4" Thick, Particleboard Core (PC), Wood Doors (08 14 16)			
08 14 16 00-0690	Birch Faced Wood Doors (08 14 16 00-0689)			
08 14 16 00-0691	EA 2'-0" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	336.38		59.67
08 14 16 00-0692	EA 2'-4" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	336.38		59.67
08 14 16 00-0693	EA 2'-6" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	353.14		62.39
08 14 16 00-0694	EA 2'-8" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	362.65		62.39
08 14 16 00-0695	EA 2'-10" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	369.02		62.39
08 14 16 00-0696	EA 3'-0" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	380.76		65.10
08 14 16 00-0697	EA 3'-4" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	408.31		65.10
08 14 16 00-0698	EA 3'-6" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	473.29		67.81
08 14 16 00-0699	EA 3'-8" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	490.19		67.81
08 14 16 00-0700	EA 4'-0" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	534.78		73.24
08 14 16 00-0701	EA 2'-0" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	349.01		59.67

08 Openings**08 10 Doors and Frames****08 14 Wood Doors**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 14 16 00-0702	EA	2'-4" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	349.01	59.67
08 14 16 00-0703	EA	2'-6" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	366.42	62.39
08 14 16 00-0704	EA	2'-8" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	376.50	62.39
08 14 16 00-0705	EA	2'-10" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	383.23	62.39
08 14 16 00-0706	EA	3'-0" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	395.33	65.10
08 14 16 00-0707	EA	3'-4" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	424.49	65.10
08 14 16 00-0708	EA	3'-6" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	492.94	67.81
08 14 16 00-0709	EA	3'-8" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	510.83	67.81
08 14 16 00-0710	EA	4'-0" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	557.39	73.24
08 14 16 00-0711	EA	2'-0" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	394.95	59.67
08 14 16 00-0712	EA	2'-4" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	394.95	59.67
08 14 16 00-0713	EA	2'-6" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	414.76	62.39
08 14 16 00-0714	EA	2'-8" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	426.84	62.39
08 14 16 00-0715	EA	2'-10" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	434.92	62.39
08 14 16 00-0716	EA	3'-0" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	448.35	65.10
08 14 16 00-0717	EA	3'-4" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	483.36	65.10
08 14 16 00-0718	EA	3'-6" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	564.42	67.81
08 14 16 00-0719	EA	3'-8" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	585.87	67.81
08 14 16 00-0720	EA	4'-0" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	639.56	73.24

08 14 16 00-0721**Oak Faced Wood Doors** (08 14 16 00-0689)

08 14 16 00-0722	EA	2'-0" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	565.33	59.67
08 14 16 00-0723	EA	2'-4" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	565.33	59.67
08 14 16 00-0724	EA	2'-6" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	570.74	62.39
08 14 16 00-0725	EA	2'-8" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	575.37	62.39
08 14 16 00-0726	EA	2'-10" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	577.42	62.39
08 14 16 00-0727	EA	3'-0" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	584.91	65.10
08 14 16 00-0728	EA	3'-4" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	634.89	65.10
08 14 16 00-0729	EA	3'-6" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	768.92	67.81
08 14 16 00-0730	EA	3'-8" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	801.02	67.81
08 14 16 00-0731	EA	4'-0" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	874.77	73.24
08 14 16 00-0732	EA	2'-0" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	591.30	59.67
08 14 16 00-0733	EA	2'-4" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	591.30	59.67
08 14 16 00-0734	EA	2'-6" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	596.71	62.39
08 14 16 00-0735	EA	2'-8" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	601.57	62.39
08 14 16 00-0736	EA	2'-10" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	603.77	62.39
08 14 16 00-0737	EA	3'-0" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	611.39	65.10
08 14 16 00-0738	EA	3'-4" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	664.25	65.10
08 14 16 00-0739	EA	3'-6" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	805.79	67.81
08 14 16 00-0740	EA	3'-8" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	839.73	67.81
08 14 16 00-0741	EA	4'-0" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	917.15	73.24
08 14 16 00-0742	EA	2'-0" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	685.68	59.67
08 14 16 00-0743	EA	2'-4" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	685.68	59.67
08 14 16 00-0744	EA	2'-6" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	691.09	62.39
08 14 16 00-0745	EA	2'-8" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	696.95	62.39
08 14 16 00-0746	EA	2'-10" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	699.55	62.39
08 14 16 00-0747	EA	3'-0" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	707.62	65.10
08 14 16 00-0748	EA	3'-4" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	771.06	65.10
08 14 16 00-0749	EA	3'-6" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	939.80	67.81
08 14 16 00-0750	EA	3'-8" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	980.57	67.81
08 14 16 00-0751	EA	4'-0" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	1,071.27	73.24

08 14 16 00-0752**Maple Faced Wood Doors** (08 14 16 00-0689)

08 14 16 00-0753	EA	2'-0" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	510.04	59.67
08 14 16 00-0754	EA	2'-4" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	510.04	59.67
08 14 16 00-0755	EA	2'-6" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	515.45	62.39
08 14 16 00-0756	EA	2'-8" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	519.50	62.39
08 14 16 00-0757	EA	2'-10" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	521.30	62.39
08 14 16 00-0758	EA	3'-0" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	528.53	65.10
08 14 16 00-0759	EA	3'-4" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	572.29	65.10
08 14 16 00-0760	EA	3'-6" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	662.65	67.81
08 14 16 00-0761	EA	3'-8" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	718.14	67.81
08 14 16 00-0762	EA	4'-0" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	773.63	67.81
08 14 16 00-0763	EA	2'-0" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	532.77	59.67
08 14 16 00-0764	EA	2'-4" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	532.77	59.67
08 14 16 00-0765	EA	2'-6" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	538.18	62.39
08 14 16 00-0766	EA	2'-8" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	542.45	62.39
08 14 16 00-0767	EA	2'-10" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	544.35	62.39
08 14 16 00-0768	EA	3'-0" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	551.71	65.10
08 14 16 00-0769	EA	3'-4" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	598.02	65.10
08 14 16 00-0770	EA	3'-6" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	693.33	67.81
08 14 16 00-0771	EA	3'-8" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	752.55	67.81
08 14 16 00-0772	EA	4'-0" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	810.75	67.81
08 14 16 00-0773	EA	2'-0" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	615.44	59.67
08 14 16 00-0774	EA	2'-4" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	615.44	59.67
08 14 16 00-0775	EA	2'-6" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	620.85	62.39
08 14 16 00-0776	EA	2'-8" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	625.98	62.39
08 14 16 00-0777	EA	2'-10" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	628.28	62.39
08 14 16 00-0778	EA	3'-0" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	636.01	65.10



		Openings	08
		Doors and Frames	08 10
		Wood Doors	08 14

MINOR		TOTAL DIRECT		DEMOLITION
CSI UOM DESCRIPTION		UNIT COST		UNIT COST
08 14 16 00-0779	EA 3'-4" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	691.58		65.10
08 14 16 00-0780	EA 3'-6" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	804.84		67.81
08 14 16 00-0781	EA 3'-8" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	875.34		67.81
08 14 16 00-0782	EA 4'-0" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	945.76		67.81
08 14 16 00-0783 Manufacturer Prefinished Options For Flush Wood Doors (08 14 16)				
08 14 16 00-0784	EA Two Coats, Clear Or Colored Catalyzed Polyurethane Factory Finish For Flush Wood Door.....	74.13		
	Note: Includes (2) coats any standard manufacturer color on six sides.			
	For Custom Color To Match Non-Standard Manufacturer Finish, Add	24.69		
08 14 16 00-0785	EA Three Coats, Clear Or Colored Catalyzed Polyurethane Factory Finish For Flush Wood Door.....	111.20		
	Note: Includes (3) coats any standard manufacturer color on six sides.			
	For Custom Color To Match Non-Standard Manufacturer Finish, Add	24.69		
08 14 16 00-0786 Semicircular Head Door, 1-3/4" Thick, Particleboard Core (PC), Wood Doors (08 14 16)				
08 14 16 00-0787	EA 2' x 6'-9" x 1-3/4" Thick, Particleboard Core, Semicircular Head Birch Faced Wood Door.....	2,189.00		47.74
08 14 16 00-0788	EA 2'-4" x 6'-9" x 1-3/4" Thick, Particleboard Core, Semicircular Head Birch Faced Wood Door.....	2,189.00		148.98
08 14 16 00-0789	EA 2'-6" x 6'-9" x 1-3/4" Thick, Particleboard Core, Semicircular Head Birch Faced Wood Door.....	2,189.00		47.74
08 14 23 Clad Wood Doors (08 14)				
08 14 23 13 Metal-Faced Wood Doors (08 14 23)				
See CSI section 08 70 00 00-0000 for finish hardware.				
08 14 23 13-0001 24 Gauge Metal Clad Door, 1-3/4" Thick, Solid Staved Wood Core (08 14 23 13)				
08 14 23 13-0002	EA 2' 6" x 7' x 1-3/4" Thick, 24 Gauge Metal Clad, Solid Staved Wood Core, Flush Type Door.....	622.61		133.46
08 14 23 13-0003	EA 2' 8" x 7' x 1-3/4" Thick, 24 Gauge Metal Clad, Solid Staved Wood Core, Flush Type Door.....	666.74		146.48
08 14 23 13-0004	EA 2' 10" x 7' x 1-3/4" Thick, 24 Gauge Metal Clad, Solid Staved Wood Core, Flush Type Door.....	717.88		161.67
08 14 23 13-0005	EA 3'-0" x 7' x 1-3/4" Thick, 24 Gauge Metal Clad, Solid Staved Wood Core, Flush Type Door.....	749.39		167.09
08 14 23 13-0006	EA 3'-4" x 7' x 1-3/4" Thick, 24 Gauge Metal Clad, Solid Staved Wood Core, Flush Type Door.....	803.65		183.91
08 14 23 13-0007	EA 3'-8" x 7' x 1-3/4" Thick, Metal Clad Door, Solid Staved Wood Core, Flush Type Door.....	867.41		189.88
08 14 23 16 Plastic-Laminate-Faced Wood Doors (08 14 23)				
08 14 23 16-0001 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Doors (08 14 23 16)				
Note: PC = Particleboard, medium-density fiberboard (MDF), or agrifiber core, solid core door with stiles and rails bonded to the core and abrasive planed flat prior to the application of the faces.				
08 14 23 16-0002	EA 2'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	283.22		59.67
	For Structural Composite Lumber Core (SCLC), Add	73.74		
	For 5 Ply Construction, Add	5.74		
	For >50 To 100, Deduct	-17.15		
	For >100, Deduct	-24.23		
08 14 23 16-0003	EA 2'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	283.22		59.67
	For Structural Composite Lumber Core (SCLC), Add	73.74		
	For 5 Ply Construction, Add	5.74		
	For >50 To 100, Deduct	-17.15		
	For >100, Deduct	-24.23		
08 14 23 16-0004	EA 2'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	297.65		62.39
	For Structural Composite Lumber Core (SCLC), Add	77.80		
	For 5 Ply Construction, Add	6.05		
	For >50 To 100, Deduct	-18.00		
	For >100, Deduct	-25.44		
08 14 23 16-0005	EA 2'-8" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	306.66		62.39
	For Structural Composite Lumber Core (SCLC), Add	81.85		
	For 5 Ply Construction, Add	6.37		
	For >50 To 100, Deduct	-18.45		
	For >100, Deduct	-26.12		
08 14 23 16-0006	EA 2'-10" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	311.21		62.39
	For Structural Composite Lumber Core (SCLC), Add	83.90		
	For 5 Ply Construction, Add	6.53		
	For >50 To 100, Deduct	-18.68		
	For >100, Deduct	-26.46		
08 14 23 16-0007	EA 3'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	321.16		65.10
	For Structural Composite Lumber Core (SCLC), Add	85.93		
	For 5 Ply Construction, Add	6.68		
	For >50 To 100, Deduct	-19.31		
	For >100, Deduct	-27.34		
08 14 23 16-0008	EA 3'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	342.16		65.10
	For Structural Composite Lumber Core (SCLC), Add	95.38		
	For 5 Ply Construction, Add	7.42		
	For >50 To 100, Deduct	-20.36		
	For >100, Deduct	-28.92		

08 Openings**08 10 Doors and Frames****08 14 Wood Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 16-0009	EA		3'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	361.15	67.81
			For Structural Composite Lumber Core (SCLC), Add	101.48	
			For 5 Ply Construction, Add	7.89	
			For >50 To 100, Deduct	-21.45	
			For >100, Deduct	-30.48	
08 14 23 16-0010	EA		2'-0" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	292.76	59.67
			For Structural Composite Lumber Core (SCLC), Add	78.03	
			For 5 Ply Construction, Add	6.07	
			For >50 To 100, Deduct	-17.62	
			For >100, Deduct	-24.94	
08 14 23 16-0011	EA		2'-4" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	292.75	59.67
			For Structural Composite Lumber Core (SCLC), Add	78.03	
			For 5 Ply Construction, Add	6.07	
			For >50 To 100, Deduct	-17.62	
			For >100, Deduct	-24.94	
08 14 23 16-0012	EA		2'-6" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	307.71	62.39
			For Structural Composite Lumber Core (SCLC), Add	82.32	
			For 5 Ply Construction, Add	6.40	
			For >50 To 100, Deduct	-18.50	
			For >100, Deduct	-26.20	
08 14 23 16-0013	EA		2'-8" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	317.24	62.39
			For Structural Composite Lumber Core (SCLC), Add	86.61	
			For 5 Ply Construction, Add	6.74	
			For >50 To 100, Deduct	-18.98	
			For >100, Deduct	-26.91	
08 14 23 16-0014	EA		2'-10" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	322.05	62.39
			For Structural Composite Lumber Core (SCLC), Add	88.78	
			For 5 Ply Construction, Add	6.90	
			For >50 To 100, Deduct	-19.22	
			For >100, Deduct	-27.27	
08 14 23 16-0015	EA		3'-0" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	332.27	65.10
			For Structural Composite Lumber Core (SCLC), Add	90.93	
			For 5 Ply Construction, Add	7.07	
			For >50 To 100, Deduct	-19.87	
			For >100, Deduct	-28.18	
08 14 23 16-0016	EA		3'-4" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	354.49	65.10
			For Structural Composite Lumber Core (SCLC), Add	100.93	
			For 5 Ply Construction, Add	7.85	
			For >50 To 100, Deduct	-20.98	
			For >100, Deduct	-29.84	
08 14 23 16-0017	EA		3'-6" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	374.27	67.81
			For Structural Composite Lumber Core (SCLC), Add	107.39	
			For 5 Ply Construction, Add	8.35	
			For >50 To 100, Deduct	-22.10	
			For >100, Deduct	-31.46	
08 14 23 16-0018	EA		2'-0" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	326.57	59.67
			For Structural Composite Lumber Core (SCLC), Add	93.24	
			For 5 Ply Construction, Add	7.25	
			For >50 To 100, Deduct	-19.31	
			For >100, Deduct	-27.48	
08 14 23 16-0019	EA		2'-4" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	326.57	59.67
			For Structural Composite Lumber Core (SCLC), Add	93.24	
			For 5 Ply Construction, Add	7.25	
			For >50 To 100, Deduct	-19.31	
			For >100, Deduct	-27.48	
08 14 23 16-0020	EA		2'-6" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	343.39	62.39
			For Structural Composite Lumber Core (SCLC), Add	98.38	
			For 5 Ply Construction, Add	7.65	
			For >50 To 100, Deduct	-20.29	
			For >100, Deduct	-28.87	
08 14 23 16-0021	EA		2'-8" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	354.78	62.39
			For Structural Composite Lumber Core (SCLC), Add	103.50	
			For 5 Ply Construction, Add	8.05	
			For >50 To 100, Deduct	-20.86	
			For >100, Deduct	-29.73	
08 14 23 16-0022	EA		2'-10" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	360.52	62.39
			For Structural Composite Lumber Core (SCLC), Add	106.09	
			For 5 Ply Construction, Add	8.25	
			For >50 To 100, Deduct	-21.15	
			For >100, Deduct	-30.16	



Openings			08	08
Doors and Frames			08 10	
Wood Doors			08 14	

MINOR			TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION			UNIT COST	UNIT COST
08 14 23 16-0023	EA	3'-0" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	371.68	65.10
		For Structural Composite Lumber Core (SCLC), Add	108.67	
		For 5 Ply Construction, Add	8.45	
		For >50 To 100, Deduct	-21.84	
		For >100, Deduct	-31.13	
08 14 23 16-0024	EA	3'-4" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	398.23	65.10
		For Structural Composite Lumber Core (SCLC), Add	120.67	
		For 5 Ply Construction, Add	9.38	
		For >50 To 100, Deduct	-23.17	
		For >100, Deduct	-33.12	
08 14 23 16-0025	EA	3'-6" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	420.81	67.81
		For Structural Composite Lumber Core (SCLC), Add	128.33	
		For 5 Ply Construction, Add	9.98	
		For >50 To 100, Deduct	-24.43	
		For >100, Deduct	-34.95	
08 14 23 16-0026		1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Doors (08 14 23 16)		
		Note: PC = Particleboard, medium-density fiberboard (MDF), or agnifiber core, solid core door with stiles and rails bonded to the core and abrasive planed flat prior to the application of the faces.		
08 14 23 16-0027	EA	2'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	398.54	59.67
		For 5 Ply Construction, Add	9.77	
		For Stave Lumber Core (SLC), Add	209.39	
		For Structural Composite Lumber Core (SCLC), Add	125.63	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	33.50	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	150.76	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	209.39	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	335.02	
		For >50 To 100, Deduct	-22.91	
		For >100, Deduct	-32.87	
08 14 23 16-0028	EA	2'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	398.52	59.67
		For 5 Ply Construction, Add	9.77	
		For Stave Lumber Core (SLC), Add	209.37	
		For Structural Composite Lumber Core (SCLC), Add	125.62	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	33.50	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	150.75	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	209.37	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	334.99	
		For >50 To 100, Deduct	-22.91	
		For >100, Deduct	-32.87	
08 14 23 16-0029	EA	2'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	412.67	62.39
		For 5 Ply Construction, Add	10.08	
		For Stave Lumber Core (SLC), Add	215.93	
		For Structural Composite Lumber Core (SCLC), Add	129.56	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	34.55	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	155.47	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	215.93	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	345.48	
		For >50 To 100, Deduct	-23.75	
		For >100, Deduct	-34.07	
08 14 23 16-0030	EA	2'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	412.67	62.39
		For 5 Ply Construction, Add	10.08	
		For Stave Lumber Core (SLC), Add	215.93	
		For Structural Composite Lumber Core (SCLC), Add	129.56	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	34.55	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	155.47	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	215.93	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	345.48	
		For >50 To 100, Deduct	-23.75	
		For >100, Deduct	-34.07	
08 14 23 16-0031	EA	2'-10" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	429.96	62.39
		For 5 Ply Construction, Add	10.68	
		For Stave Lumber Core (SLC), Add	228.89	
		For Structural Composite Lumber Core (SCLC), Add	137.34	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	36.62	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	164.80	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	228.89	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	366.23	
		For >50 To 100, Deduct	-24.62	
		For >100, Deduct	-35.37	

08 Openings**08 10 Doors and Frames****08 14 Wood Doors**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 14 23 16-0032	EA	3'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	452.67	65.10
		For 5 Ply Construction, Add	11.29	
		For Stave Lumber Core (SLC), Add	241.85	
		For Structural Composite Lumber Core (SCLC), Add	145.11	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	38.70	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	174.13	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	241.85	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	386.96	
		For >50 To 100, Deduct	-25.89	
		For >100, Deduct	-37.21	
08 14 23 16-0033	EA	3'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	470.34	65.10
		For 5 Ply Construction, Add	11.90	
		For Stave Lumber Core (SLC), Add	255.11	
		For Structural Composite Lumber Core (SCLC), Add	153.06	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	40.82	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	183.68	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	255.11	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	408.17	
		For >50 To 100, Deduct	-26.77	
		For >100, Deduct	-38.53	
08 14 23 16-0034	EA	3'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	484.60	67.81
		For 5 Ply Construction, Add	12.21	
		For Stave Lumber Core (SLC), Add	261.73	
		For Structural Composite Lumber Core (SCLC), Add	157.04	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	41.88	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	188.44	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	261.73	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	418.76	
		For >50 To 100, Deduct	-27.62	
		For >100, Deduct	-39.74	
08 14 23 16-0035	EA	3'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	502.04	67.81
		For 5 Ply Construction, Add	12.82	
		For Stave Lumber Core (SLC), Add	274.81	
		For Structural Composite Lumber Core (SCLC), Add	164.88	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	43.97	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	197.86	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	274.81	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	439.69	
		For >50 To 100, Deduct	-28.49	
		For >100, Deduct	-41.04	
08 14 23 16-0036	EA	4'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	547.79	73.24
		For 5 Ply Construction, Add	14.05	
		For Stave Lumber Core (SLC), Add	300.98	
		For Structural Composite Lumber Core (SCLC), Add	180.59	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	48.16	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	216.71	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	300.98	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	481.57	
		For >50 To 100, Deduct	-31.05	
		For >100, Deduct	-44.75	
08 14 23 16-0037	EA	2'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	414.78	59.67
		For 5 Ply Construction, Add	10.34	
		For Stave Lumber Core (SLC), Add	221.57	
		For Structural Composite Lumber Core (SCLC), Add	132.94	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	35.45	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	159.53	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	221.57	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	354.50	
		For >50 To 100, Deduct	-23.72	
		For >100, Deduct	-34.09	
08 14 23 16-0038	EA	2'-4" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	414.77	59.67
		For 5 Ply Construction, Add	10.34	
		For Stave Lumber Core (SLC), Add	221.56	
		For Structural Composite Lumber Core (SCLC), Add	132.93	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	35.45	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	159.52	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	221.56	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	354.49	
		For >50 To 100, Deduct	-23.72	
		For >100, Deduct	-34.09	



		Openings	08	08
		Doors and Frames	08 10	
		Wood Doors	08 14	

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST		UNIT COST
08 14 23 16-0039	EA 2'-6" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	429.42		62.39
	For 5 Ply Construction, Add	10.66		
	For Stave Lumber Core (SLC), Add	228.49		
	For Structural Composite Lumber Core (SCLC), Add	137.09		
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	36.56		
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	164.51		
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	228.49		
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	365.58		
	For >50 To 100, Deduct	-24.59		
	For >100, Deduct	-35.33		
08 14 23 16-0040	EA 2'-8" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	429.42		62.39
	For 5 Ply Construction, Add	10.66		
	For Stave Lumber Core (SLC), Add	228.49		
	For Structural Composite Lumber Core (SCLC), Add	137.09		
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	36.56		
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	164.51		
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	228.49		
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	365.58		
	For >50 To 100, Deduct	-24.59		
	For >100, Deduct	-35.33		
08 14 23 16-0041	EA 2'-10" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	447.72		62.39
	For 5 Ply Construction, Add	11.30		
	For Stave Lumber Core (SLC), Add	242.21		
	For Structural Composite Lumber Core (SCLC), Add	145.33		
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	38.75		
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	174.39		
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	242.21		
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	387.54		
	For >50 To 100, Deduct	-25.51		
	For >100, Deduct	-36.70		
08 14 23 16-0042	EA 3'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	471.45		65.10
	For 5 Ply Construction, Add	11.94		
	For Stave Lumber Core (SLC), Add	255.94		
	For Structural Composite Lumber Core (SCLC), Add	153.56		
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	40.95		
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	184.28		
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	255.94		
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	409.50		
	For >50 To 100, Deduct	-26.83		
	For >100, Deduct	-38.61		
08 14 23 16-0043	EA 3'-4" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	490.13		65.10
	For 5 Ply Construction, Add	12.60		
	For Stave Lumber Core (SLC), Add	269.95		
	For Structural Composite Lumber Core (SCLC), Add	161.97		
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	43.19		
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	194.36		
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	269.95		
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	431.92		
	For >50 To 100, Deduct	-27.76		
	For >100, Deduct	-40.01		
08 14 23 16-0044	EA 3'-6" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	504.91		67.81
	For 5 Ply Construction, Add	12.92		
	For Stave Lumber Core (SLC), Add	276.96		
	For Structural Composite Lumber Core (SCLC), Add	166.18		
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	44.31		
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	199.41		
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	276.96		
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	443.14		
	For >50 To 100, Deduct	-28.64		
	For >100, Deduct	-41.26		
08 14 23 16-0045	EA 3'-8" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	523.37		67.81
	For 5 Ply Construction, Add	13.57		
	For Stave Lumber Core (SLC), Add	290.81		
	For Structural Composite Lumber Core (SCLC), Add	174.48		
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	46.53		
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	209.38		
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	290.81		
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	465.29		
	For >50 To 100, Deduct	-29.56		
	For >100, Deduct	-42.64		

08 Openings**08 10 Doors and Frames****08 14 Wood Doors**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 14 23 16-0046	EA	4'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	571.15	73.24
		For 5 Ply Construction, Add	14.86	
		For Stave Lumber Core (SLC), Add	318.50	
		For Structural Composite Lumber Core (SCLC), Add	191.10	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	50.96	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	229.32	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	318.50	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	509.60	
		For >50 To 100, Deduct	-32.22	
		For >100, Deduct	-46.50	
08 14 23 16-0047	EA	2'-4" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	472.40	59.67
		For 5 Ply Construction, Add	12.36	
		For Stave Lumber Core (SLC), Add	264.78	
		For Structural Composite Lumber Core (SCLC), Add	158.87	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	42.36	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	190.64	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	264.78	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	423.65	
		For >50 To 100, Deduct	-26.60	
		For >100, Deduct	-38.41	
08 14 23 16-0048	EA	2'-4" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	472.38	59.67
		For 5 Ply Construction, Add	12.36	
		For Stave Lumber Core (SLC), Add	264.77	
		For Structural Composite Lumber Core (SCLC), Add	158.86	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	42.36	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	190.63	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	264.77	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	423.62	
		For >50 To 100, Deduct	-26.60	
		For >100, Deduct	-38.41	
08 14 23 16-0049	EA	2'-6" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	488.83	62.39
		For 5 Ply Construction, Add	12.74	
		For Stave Lumber Core (SLC), Add	273.05	
		For Structural Composite Lumber Core (SCLC), Add	163.83	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	43.69	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	196.59	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	273.05	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	436.87	
		For >50 To 100, Deduct	-27.56	
		For >100, Deduct	-39.78	
08 14 23 16-0050	EA	2'-8" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	488.83	62.39
		For 5 Ply Construction, Add	12.74	
		For Stave Lumber Core (SLC), Add	273.05	
		For Structural Composite Lumber Core (SCLC), Add	163.83	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	43.69	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	196.59	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	273.05	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	436.87	
		For >50 To 100, Deduct	-27.56	
		For >100, Deduct	-39.78	
08 14 23 16-0051	EA	2'-10" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	510.69	62.39
		For 5 Ply Construction, Add	13.51	
		For Stave Lumber Core (SLC), Add	289.44	
		For Structural Composite Lumber Core (SCLC), Add	173.66	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	46.31	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	208.40	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	289.44	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	463.10	
		For >50 To 100, Deduct	-28.65	
		For >100, Deduct	-41.42	
08 14 23 16-0052	EA	3'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	537.99	65.10
		For 5 Ply Construction, Add	14.27	
		For Stave Lumber Core (SLC), Add	305.84	
		For Structural Composite Lumber Core (SCLC), Add	183.51	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	48.93	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	220.21	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	305.84	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	489.35	
		For >50 To 100, Deduct	-30.15	
		For >100, Deduct	-43.60	



		Openings	08
		Doors and Frames	08 10
		Wood Doors	08 14

MINOR		TOTAL DIRECT		DEMOLITION	
CSI UOM DESCRIPTION		UNIT COST		UNIT COST	
08 14 23 16-0053	EA 3'-4" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....		560.32		65.10
	For 5 Ply Construction, Add		15.05		
	For Stave Lumber Core (SLC), Add		322.59		
	For Structural Composite Lumber Core (SCLC), Add		193.55		
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add		51.61		
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add		232.26		
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add		322.59		
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add		516.14		
	For >50 To 100, Deduct		-31.27		
	For >100, Deduct		-45.28		
08 14 23 16-0054	EA 3'-6" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....		576.91		67.81
	For 5 Ply Construction, Add		15.44		
	For Stave Lumber Core (SLC), Add		330.96		
	For Structural Composite Lumber Core (SCLC), Add		198.58		
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add		52.95		
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add		238.29		
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add		330.96		
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add		529.54		
	For >50 To 100, Deduct		-32.24		
	For >100, Deduct		-46.66		
08 14 23 16-0055	EA 3'-8" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....		598.97		67.81
	For 5 Ply Construction, Add		16.22		
	For Stave Lumber Core (SLC), Add		347.51		
	For Structural Composite Lumber Core (SCLC), Add		208.50		
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add		55.60		
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add		250.20		
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add		347.51		
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add		556.01		
	For >50 To 100, Deduct		-33.34		
	For >100, Deduct		-48.31		
08 14 23 16-0056	EA 4'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....		653.96		73.24
	For 5 Ply Construction, Add		17.76		
	For Stave Lumber Core (SLC), Add		380.61		
	For Structural Composite Lumber Core (SCLC), Add		228.37		
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add		60.90		
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add		274.04		
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add		380.61		
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add		608.98		
	For >50 To 100, Deduct		-36.36		
	For >100, Deduct		-52.71		
08 14 23 19 Molded-Hardboard-Faced Wood Doors (08 14 23)					
08 14 23 19-0001 1-3/8" Thick, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Doors (08 14 23 19)					
08 14 23 19-0002	EA 2'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....		207.45		59.67
	For >50 To 100, Deduct		-13.36		
	For >100, Deduct		-18.54		
08 14 23 19-0003	EA 2'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....		207.45		59.67
	For >50 To 100, Deduct		-13.36		
	For >100, Deduct		-18.54		
08 14 23 19-0004	EA 2'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....		219.28		62.39
	For >50 To 100, Deduct		-14.08		
	For >100, Deduct		-19.57		
08 14 23 19-0005	EA 2'-8" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....		222.34		62.39
	For >50 To 100, Deduct		-14.24		
	For >100, Deduct		-19.79		
08 14 23 19-0006	EA 2'-10" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....		225.38		62.39
	For >50 To 100, Deduct		-14.39		
	For >100, Deduct		-20.02		
08 14 23 19-0007	EA 3'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....		233.86		65.10
	For >50 To 100, Deduct		-14.95		
	For >100, Deduct		-20.79		
08 14 23 19-0008	EA 3'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....		245.25		65.10
	For >50 To 100, Deduct		-15.52		
	For >100, Deduct		-21.65		
08 14 23 19-0009	EA 3'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....		258.05		67.81
	For >50 To 100, Deduct		-16.29		
	For >100, Deduct		-22.74		
08 14 23 19-0010	EA 2'-0" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....		212.57		59.67
	For >50 To 100, Deduct		-13.61		
	For >100, Deduct		-18.93		
08 14 23 19-0011	EA 2'-4" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....		212.57		59.67
	For >50 To 100, Deduct		-13.61		
	For >100, Deduct		-18.93		
08 14 23 19-0012	EA 2'-6" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....		224.78		62.39
	For >50 To 100, Deduct		-14.36		
	For >100, Deduct		-19.98		

08 Openings**08 10 Doors and Frames****08 14 Wood Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 19-0013	EA	2'-8" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	228.01	62.39	
		For>50 To 100, Deduct	-14.52		
		For>100, Deduct	-20.22		
08 14 23 19-0014	EA	2'-10" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	231.23	62.39	
		For>50 To 100, Deduct	-14.68		
		For>100, Deduct	-20.46		
08 14 23 19-0015	EA	3'-0" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	239.89	65.10	
		For>50 To 100, Deduct	-15.25		
		For>100, Deduct	-21.25		
08 14 23 19-0016	EA	3'-4" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	251.93	65.10	
		For>50 To 100, Deduct	-15.85		
		For>100, Deduct	-22.15		
08 14 23 19-0017	EA	3'-6" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	265.16	67.81	
		For>50 To 100, Deduct	-16.65		
		For>100, Deduct	-23.28		
08 14 23 19-0018	EA	2'-0" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	230.75	59.67	
		For>50 To 100, Deduct	-14.52		
		For>100, Deduct	-20.29		
08 14 23 19-0019	EA	2'-4" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	230.75	59.67	
		For>50 To 100, Deduct	-14.52		
		For>100, Deduct	-20.29		
08 14 23 19-0020	EA	2'-6" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	244.30	62.39	
		For>50 To 100, Deduct	-15.33		
		For>100, Deduct	-21.44		
08 14 23 19-0021	EA	2'-8" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	248.14	62.39	
		For>50 To 100, Deduct	-15.53		
		For>100, Deduct	-21.73		
08 14 23 19-0022	EA	2'-10" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	252.00	62.39	
		For>50 To 100, Deduct	-15.72		
		For>100, Deduct	-22.02		
08 14 23 19-0023	EA	3'-0" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	261.27	65.10	
		For>50 To 100, Deduct	-16.32		
		For>100, Deduct	-22.85		
08 14 23 19-0024	EA	3'-4" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	275.67	65.10	
		For>50 To 100, Deduct	-17.04		
		For>100, Deduct	-23.93		
08 14 23 19-0025	EA	3'-6" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	290.42	67.81	
		For>50 To 100, Deduct	-17.91		
		For>100, Deduct	-25.17		
08 14 23 19-0026		1-3/4" Thick, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Doors			
08 14 23 19-0027	EA	2'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	229.12	59.67	
		For>50 To 100, Deduct	-14.44		
		For>100, Deduct	-20.17		
08 14 23 19-0028	EA	2'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	229.12	59.67	
		For>50 To 100, Deduct	-14.44		
		For>100, Deduct	-20.17		
08 14 23 19-0029	EA	2'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	237.56	62.39	
		For>50 To 100, Deduct	-15.00		
		For>100, Deduct	-20.94		
08 14 23 19-0030	EA	2'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	243.68	62.39	
		For>50 To 100, Deduct	-15.30		
		For>100, Deduct	-21.40		
08 14 23 19-0031	EA	2'-10" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	246.74	62.39	
		For>50 To 100, Deduct	-15.46		
		For>100, Deduct	-21.62		
08 14 23 19-0032	EA	3'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	255.18	65.10	
		For>50 To 100, Deduct	-16.01		
		For>100, Deduct	-22.39		
08 14 23 19-0033	EA	3'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	262.15	65.10	
		For>50 To 100, Deduct	-16.36		
		For>100, Deduct	-22.92		
08 14 23 19-0034	EA	3'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	290.25	67.81	
		For>50 To 100, Deduct	-17.90		
		For>100, Deduct	-25.16		
08 14 23 19-0035	EA	3'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	297.98	67.81	
		For>50 To 100, Deduct	-18.29		
		For>100, Deduct	-25.74		
08 14 23 19-0036	EA	4'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	313.46	67.81	
		For>50 To 100, Deduct	-19.06		
		For>100, Deduct	-26.90		
08 14 23 19-0037	EA	2'-0" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	235.50	59.67	
		For>50 To 100, Deduct	-14.76		
		For>100, Deduct	-20.65		
08 14 23 19-0038	EA	2'-4" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	235.50	59.67	
		For>50 To 100, Deduct	-14.76		
		For>100, Deduct	-20.65		
08 14 23 19-0039	EA	2'-6" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	244.13	62.39	
		For>50 To 100, Deduct	-15.33		
		For>100, Deduct	-21.43		



		Openings	08	08
		Doors and Frames	08 10	
		Wood Doors	08 14	

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST		UNIT COST
08 14 23 19-0040	EA 2'-8" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door For >50 To 100, Deduct For >100, Deduct	250.60 -15.65 -21.91		62.39
08 14 23 19-0041	EA 2'-10" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door For >50 To 100, Deduct For >100, Deduct	253.83 -15.81 -22.16		62.39
08 14 23 19-0042	EA 3'-0" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door For >50 To 100, Deduct For >100, Deduct	262.46 -16.38 -22.94		65.10
08 14 23 19-0043	EA 3'-4" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door For >50 To 100, Deduct For >100, Deduct	269.83 -16.75 -23.49		65.10
08 14 23 19-0044	EA 3'-6" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door For >50 To 100, Deduct For >100, Deduct	299.26 -18.35 -25.84		67.81
08 14 23 19-0045	EA 3'-8" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door For >50 To 100, Deduct For >100, Deduct	307.44 -18.76 -26.45		67.81
08 14 23 19-0046	EA 4'-0" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door For >50 To 100, Deduct For >100, Deduct	323.80 -19.58 -27.68		67.81
08 14 23 19-0047	EA 2'-0" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door For >50 To 100, Deduct For >100, Deduct	258.14 -15.89 -22.34		59.67
08 14 23 19-0048	EA 2'-4" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door For >50 To 100, Deduct For >100, Deduct	258.14 -15.89 -22.34		59.67
08 14 23 19-0049	EA 2'-6" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door For >50 To 100, Deduct For >100, Deduct	267.42 -16.49 -23.18		62.39
08 14 23 19-0050	EA 2'-8" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door For >50 To 100, Deduct For >100, Deduct	275.15 -16.88 -23.76		62.39
08 14 23 19-0051	EA 2'-10" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door For >50 To 100, Deduct For >100, Deduct	278.99 -17.07 -24.04		62.39
08 14 23 19-0052	EA 3'-0" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door For >50 To 100, Deduct For >100, Deduct	288.26 -17.67 -24.87		65.10
08 14 23 19-0053	EA 3'-4" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door For >50 To 100, Deduct For >100, Deduct	297.05 -18.11 -25.53		65.10
08 14 23 19-0054	EA 3'-6" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door For >50 To 100, Deduct For >100, Deduct	331.17 -19.95 -28.23		67.81
08 14 23 19-0055	EA 3'-8" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door For >50 To 100, Deduct For >100, Deduct	340.94 -20.44 -28.96		67.81
08 14 23 19-0056	EA 4'-0" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door For >50 To 100, Deduct For >100, Deduct	360.51 -21.42 -30.43		67.81
08 14 23 19-0057	1-3/8" Thick, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Doors (08 14 23 19) Note: PC = Particleboard, medium-density fiberboard (MDF), or agrifiber core, solid core door with stiles and rails bonded to the core and abrasive planed flat prior to the application of the faces.			
08 14 23 19-0058	EA 2'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door For >50 To 100, Deduct For >100, Deduct	248.90 -15.43 -21.65		59.67
08 14 23 19-0059	EA 2'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door For >50 To 100, Deduct For >100, Deduct	248.90 -15.43 -21.65		59.67
08 14 23 19-0060	EA 2'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door For >50 To 100, Deduct For >100, Deduct	261.84 -16.21 -22.76		62.39
08 14 23 19-0061	EA 2'-8" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door For >50 To 100, Deduct For >100, Deduct	269.34 -16.59 -23.32		62.39
08 14 23 19-0062	EA 2'-10" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door For >50 To 100, Deduct For >100, Deduct	270.72 -16.66 -23.42		62.39
08 14 23 19-0063	EA 3'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door For >50 To 100, Deduct For >100, Deduct	277.55 -17.13 -24.07		65.10
08 14 23 19-0064	EA 3'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door For >50 To 100, Deduct For >100, Deduct	293.80 -17.95 -25.29		65.10

08 Openings**08 10 Doors and Frames****08 14 Wood Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 19-0065	EA		3'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	328.87	67.81
			For >50 To 100, Deduct	-19.83	
			For >100, Deduct	-28.06	
08 14 23 19-0066	EA		2'-0" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	256.45	59.67
			For >50 To 100, Deduct	-15.81	
			For >100, Deduct	-22.22	
08 14 23 19-0067	EA		2'-4" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	256.45	59.67
			For >50 To 100, Deduct	-15.81	
			For >100, Deduct	-22.22	
08 14 23 19-0068	EA		2'-6" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	269.82	62.39
			For >50 To 100, Deduct	-16.61	
			For >100, Deduct	-23.36	
08 14 23 19-0069	EA		2'-8" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	277.74	62.39
			For >50 To 100, Deduct	-17.01	
			For >100, Deduct	-23.95	
08 14 23 19-0070	EA		2'-10" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	279.22	62.39
			For >50 To 100, Deduct	-17.08	
			For >100, Deduct	-24.06	
08 14 23 19-0071	EA		3'-0" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	286.12	65.10
			For >50 To 100, Deduct	-17.56	
			For >100, Deduct	-24.71	
08 14 23 19-0072	EA		3'-4" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	303.33	65.10
			For >50 To 100, Deduct	-18.42	
			For >100, Deduct	-26.00	
08 14 23 19-0073	EA		3'-6" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	340.12	67.81
			For >50 To 100, Deduct	-20.40	
			For >100, Deduct	-28.90	
08 14 23 19-0074	EA		2'-0" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	283.19	59.67
			For >50 To 100, Deduct	-17.14	
			For >100, Deduct	-24.22	
08 14 23 19-0075	EA		2'-4" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	283.19	59.67
			For >50 To 100, Deduct	-17.14	
			For >100, Deduct	-24.22	
08 14 23 19-0076	EA		2'-6" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	298.10	62.39
			For >50 To 100, Deduct	-18.02	
			For >100, Deduct	-25.48	
08 14 23 19-0077	EA		2'-8" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	307.58	62.39
			For >50 To 100, Deduct	-18.50	
			For >100, Deduct	-26.19	
08 14 23 19-0078	EA		2'-10" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	309.33	62.39
			For >50 To 100, Deduct	-18.59	
			For >100, Deduct	-26.32	
08 14 23 19-0079	EA		3'-0" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	316.53	65.10
			For >50 To 100, Deduct	-19.08	
			For >100, Deduct	-26.99	
08 14 23 19-0080	EA		3'-4" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	337.09	65.10
			For >50 To 100, Deduct	-20.11	
			For >100, Deduct	-28.54	
08 14 23 19-0081	EA		3'-6" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	380.01	67.81
			For >50 To 100, Deduct	-22.39	
			For >100, Deduct	-31.89	
08 14 23 19-0082			1-3/4" Thick, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Doors (08 14 23 19) Note: PC = Particleboard, medium-density fiberboard (MDF), or agrifiber core, solid core door with stiles and rails bonded to the core and abrasive planed flat prior to the application of the faces.		
08 14 23 19-0083	EA		2'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	282.14	59.67
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	19.53	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	87.90	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	122.09	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	195.34	
			For >50 To 100, Deduct	-17.09	
			For >100, Deduct	-24.14	



			Openings	08	08
			Doors and Frames	08 10	
			Wood Doors	08 14	

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST		UNIT COST
08 14 23 19-0084	EA 2'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door		282.14	59.67
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add		19.53	
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add		87.90	
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add		122.09	
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add		195.34	
	For >50 To 100, Deduct		-17.09	
	For >100, Deduct		-24.14	
08 14 23 19-0085	EA 2'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door		296.98	62.39
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add		20.67	
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add		92.99	
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add		129.16	
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add		206.65	
	For >50 To 100, Deduct		-17.97	
	For >100, Deduct		-25.39	
08 14 23 19-0086	EA 2'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door		306.38	62.39
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add		21.79	
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add		98.07	
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add		136.21	
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add		217.93	
	For >50 To 100, Deduct		-18.44	
	For >100, Deduct		-26.10	
08 14 23 19-0087	EA 2'-10" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door		308.13	62.39
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add		22.00	
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add		99.01	
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add		137.52	
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add		220.03	
	For >50 To 100, Deduct		-18.53	
	For >100, Deduct		-26.23	
08 14 23 19-0088	EA 3'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door		315.33	65.10
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add		22.22	
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add		99.97	
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add		138.85	
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add		222.16	
	For >50 To 100, Deduct		-19.02	
	For >100, Deduct		-26.90	
08 14 23 19-0089	EA 3'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door		335.74	65.10
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add		24.66	
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add		110.99	
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add		154.16	
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add		246.65	
	For >50 To 100, Deduct		-20.04	
	For >100, Deduct		-28.44	
08 14 23 19-0090	EA 3'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door		378.43	67.81
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add		29.14	
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add		131.11	
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add		182.10	
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add		291.36	
	For >50 To 100, Deduct		-22.31	
	For >100, Deduct		-31.77	
08 14 23 19-0091	EA 3'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door		390.59	67.81
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add		30.60	
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add		137.68	
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add		191.22	
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add		305.95	
	For >50 To 100, Deduct		-22.92	
	For >100, Deduct		-32.69	
08 14 23 19-0092	EA 4'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door		414.84	67.81
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add		33.51	
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add		150.77	
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add		209.41	
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add		335.05	
	For >50 To 100, Deduct		-24.13	
	For >100, Deduct		-34.50	
08 14 23 19-0093	EA 2'-0" x 7" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door		291.62	59.67
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add		20.67	
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add		93.02	
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add		129.20	
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add		206.71	
	For >50 To 100, Deduct		-17.57	
	For >100, Deduct		-24.86	

08 Openings**08 10 Doors and Frames****08 14 Wood Doors**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 14 23 19-0094	EA	2'-4" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	291.62	59.67
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	20.67	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	93.02	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	129.20	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	206.71	
		For >50 To 100, Deduct	-17.57	
		For >100, Deduct	-24.86	
08 14 23 19-0095	EA	2'-6" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	307.00	62.39
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	21.87	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	98.40	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	136.67	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	218.68	
		For >50 To 100, Deduct	-18.47	
		For >100, Deduct	-26.14	
08 14 23 19-0096	EA	2'-8" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	316.96	62.39
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	23.06	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	103.78	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	144.14	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	230.63	
		For >50 To 100, Deduct	-18.97	
		For >100, Deduct	-26.89	
08 14 23 19-0097	EA	2'-10" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	318.81	62.39
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	23.28	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	104.78	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	145.53	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	232.85	
		For >50 To 100, Deduct	-19.06	
		For >100, Deduct	-27.03	
08 14 23 19-0098	EA	3'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	326.11	65.10
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	23.51	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	105.79	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	146.93	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	235.09	
		For >50 To 100, Deduct	-19.56	
		For >100, Deduct	-27.71	
08 14 23 19-0099	EA	3'-4" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	347.69	65.10
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	26.10	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	117.44	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	163.12	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	260.99	
		For >50 To 100, Deduct	-20.64	
		For >100, Deduct	-29.33	
08 14 23 19-0100	EA	3'-6" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	392.56	67.81
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	30.83	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	138.74	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	192.70	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	308.32	
		For >50 To 100, Deduct	-23.02	
		For >100, Deduct	-32.83	
08 14 23 19-0101	EA	3'-8" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	405.42	67.81
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	32.37	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	145.69	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	202.34	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	323.75	
		For >50 To 100, Deduct	-23.66	
		For >100, Deduct	-33.80	
08 14 23 19-0102	EA	4'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	431.10	67.81
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	35.46	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	159.55	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	221.60	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	354.56	
		For >50 To 100, Deduct	-24.95	
		For >100, Deduct	-35.72	
08 14 23 19-0103	EA	2'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	325.20	59.67
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	24.70	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	111.15	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	154.38	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	247.01	
		For >50 To 100, Deduct	-19.24	
		For >100, Deduct	-27.37	



Openings			08	08
Doors and Frames			08 10	
Wood Doors			08 14	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 19-0104	EA		2'-4" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	325.20	59.67
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	24.70	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	111.15	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	154.38	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	247.01	
			For >50 To 100, Deduct	-19.24	
			For >100, Deduct	-27.37	
08 14 23 19-0105	EA		2'-6" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	342.54	62.39
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	26.13	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	117.60	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	163.33	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	261.32	
			For >50 To 100, Deduct	-20.25	
			For >100, Deduct	-28.81	
08 14 23 19-0106	EA		2'-8" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	354.44	62.39
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	27.56	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	124.02	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	172.25	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	275.60	
			For >50 To 100, Deduct	-20.84	
			For >100, Deduct	-29.70	
08 14 23 19-0107	EA		2'-10" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	356.64	62.39
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	27.82	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	125.21	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	173.90	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	278.24	
			For >50 To 100, Deduct	-20.95	
			For >100, Deduct	-29.87	
08 14 23 19-0108	EA		3'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	364.32	65.10
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	28.09	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	126.42	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	175.59	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	280.94	
			For >50 To 100, Deduct	-21.47	
			For >100, Deduct	-30.58	
08 14 23 19-0109	EA		3'-4" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	390.11	65.10
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	31.19	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	140.35	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	194.93	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	311.89	
			For >50 To 100, Deduct	-22.76	
			For >100, Deduct	-32.51	
08 14 23 19-0110	EA		3'-6" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	442.65	67.81
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	36.84	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	165.79	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	230.27	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	368.42	
			For >50 To 100, Deduct	-25.52	
			For >100, Deduct	-36.59	
08 14 23 19-0111	EA		3'-8" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	458.03	67.81
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	38.69	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	174.10	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	241.80	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	386.88	
			For >50 To 100, Deduct	-26.29	
			For >100, Deduct	-37.74	
08 14 23 19-0112	EA		4'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	488.72	67.81
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	42.37	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	190.67	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	264.82	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	423.71	
			For >50 To 100, Deduct	-27.83	
			For >100, Deduct	-40.04	
08 14 66 Wood Screen Doors (08 14)					
08 14 66 00-0001 Wood Screen Storm Door, Residential Grade (08 14 66)					
Note: Includes frame, trim, necessary anchors and usual hardware (closures, chain and spring, latching, screens, etc.).					
08 14 66 00-0002	EA		2'-8" x 6'-8" x 1-3/8" Thick, Wood Screen Door, Residential, With Frame, Trim, Hardware.....	464.09	156.25
08 14 66 00-0003	EA		3' x 6'-8" x 1-3/8" Thick, Wood Screen Door, Residential, With Frame, Trim, Hardware.....	488.20	173.60
08 14 66 00-0004	EA		2'-8" x 7" x 1-3/8" Thick, Wood Screen Door, Residential, With Frame, Trim, Hardware.....	464.09	156.25
08 14 66 00-0005	EA		3' x 7" x 1-3/8" Thick, Wood Screen Door, Residential, With Frame, Trim, Hardware.....	488.20	173.60

08 14 73 Sliding Wood Doors (08 14)

08 Openings**08 10 Doors and Frames****08 14 Wood Doors**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 14 73 00-0001	Sliding Pocket Door (08 14 73) Note: Includes unfinished door, frame and trim, and all mounting and door hardware. See CSI section 08 14 73 00-0055 for accessories to be added.		
08 14 73 00-0002	Birch Faced Pocket Door (08 14 73 00-0001) Note: Includes door, frame and trim, and all mounting and door hardware.		
08 14 73 00-0003	1-3/8" Thick, Birch Faced Wood Pocket Door (08 14 73 00-0002) See CSI section 08 14 73 00-0055 for all jambs and track hardware.		
08 14 73 00-0004	6'-8" High, 1-3/8" Thick, Birch Faced Wood Pocket Door (08 14 73 00-0003)		
08 14 73 00-0005	EA 2'-0" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door.....	467.17	37.98
	For Oak, Add	107.98	
	For Ash/Hickory, Add	157.27	
	For Walnut, Add	229.26	
	For Cherry, Add	372.84	
08 14 73 00-0006	EA 2'-4" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door.....	482.08	40.69
	For Oak, Add	110.60	
	For Ash/Hickory, Add	161.09	
	For Walnut, Add	234.82	
	For Cherry, Add	381.89	
08 14 73 00-0007	EA 2'-6" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door.....	499.34	43.40
	For Oak, Add	113.87	
	For Ash/Hickory, Add	165.85	
	For Walnut, Add	241.77	
	For Cherry, Add	393.18	
08 14 73 00-0008	EA 2'-8" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door.....	511.88	46.12
	For Oak, Add	115.83	
	For Ash/Hickory, Add	168.71	
	For Walnut, Add	245.93	
	For Cherry, Add	399.96	
08 14 73 00-0009	EA 2'-10" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door.....	529.18	48.83
	For Oak, Add	119.11	
	For Ash/Hickory, Add	173.48	
	For Walnut, Add	252.88	
	For Cherry, Add	411.26	
08 14 73 00-0010	EA 3'-0" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door.....	544.08	51.54
	For Oak, Add	121.72	
	For Ash/Hickory, Add	177.29	
	For Walnut, Add	258.44	
	For Cherry, Add	420.29	
08 14 73 00-0011	EA 4' Wide, Two 2'-0" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door.....	918.09	67.81
	For Oak, Add	215.96	
	For Ash/Hickory, Add	314.55	
	For Walnut, Add	458.52	
	For Cherry, Add	745.68	
08 14 73 00-0012	EA 5' Wide, Two 2'-6" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door.....	971.61	73.24
	For Oak, Add	227.74	
	For Ash/Hickory, Add	331.71	
	For Walnut, Add	483.53	
	For Cherry, Add	786.36	
08 14 73 00-0013	EA 6' Wide, Two 3'-0" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door.....	1,039.39	78.67
	For Oak, Add	243.45	
	For Ash/Hickory, Add	354.58	
	For Walnut, Add	516.88	
	For Cherry, Add	840.59	
08 14 73 00-0014	7' High, 1-3/8" Thick Birch Faced Wood Pocket Door (08 14 73 00-0003)		
08 14 73 00-0015	EA 2'-0" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door.....	550.16	37.98
	For Oak, Add	110.97	
	For Ash/Hickory, Add	110.97	
	For Walnut, Add	182.57	
	For Cherry, Add	342.86	
08 14 73 00-0016	EA 2'-4" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door.....	576.92	40.69
	For Oak, Add	115.96	
	For Ash/Hickory, Add	115.96	
	For Walnut, Add	190.79	
	For Cherry, Add	358.29	
08 14 73 00-0017	EA 2'-6" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door.....	596.56	43.40
	For Oak, Add	119.29	
	For Ash/Hickory, Add	119.29	
	For Walnut, Add	196.27	
	For Cherry, Add	368.58	
08 14 73 00-0018	EA 2'-8" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door.....	613.84	46.12
	For Oak, Add	122.06	
	For Ash/Hickory, Add	122.06	
	For Walnut, Add	200.83	
	For Cherry, Add	377.15	
08 14 73 00-0019	EA 2'-10" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door.....	628.77	48.83
	For Oak, Add	124.28	
	For Ash/Hickory, Add	124.28	
	For Walnut, Add	204.49	
	For Cherry, Add	384.01	



		Openings	08	08
		Doors and Frames	08 10	
		Wood Doors	08 14	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 73 00-0020	EA	3'-0" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	.....	648.41	51.54
		For Oak, Add	.....	127.61	
		For Ash/Hickory, Add	.....	127.61	
		For Walnut, Add	.....	209.96	
		For Cherry, Add	.....	394.29	
08 14 73 00-0021	EA	4' Wide, Two 2'-0" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	.....	1,084.07	67.81
		For Oak, Add	.....	221.93	
		For Ash/Hickory, Add	.....	221.93	
		For Walnut, Add	.....	365.15	
		For Cherry, Add	.....	685.72	
08 14 73 00-0022	EA	5' Wide, Two 2'-6" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	.....	1,166.04	73.24
		For Oak, Add	.....	238.58	
		For Ash/Hickory, Add	.....	238.58	
		For Walnut, Add	.....	392.53	
		For Cherry, Add	.....	737.15	
08 14 73 00-0023	EA	6' Wide, Two 3' x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	.....	1,248.05	78.67
		For Oak, Add	.....	255.23	
		For Ash/Hickory, Add	.....	255.23	
		For Walnut, Add	.....	419.92	
		For Cherry, Add	.....	788.58	
08 14 73 00-0024		1-3/4" Thick, Birch Faced Wood Pocket Door (08 14 73 00-0024)			
		See CSI section 08 14 73 00-0055 for all jambs and track hardware.			
08 14 73 00-0025		6'-8" High, 1-3/4" Thick Birch Faced Wood Pocket Door (08 14 73 00-0024)			
08 14 73 00-0026	EA	2'-0" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	.....	692.43	37.98
		For Oak, Add	.....	144.26	
		For Ash/Hickory, Add	.....	144.26	
		For Walnut, Add	.....	237.35	
		For Cherry, Add	.....	445.72	
08 14 73 00-0027	EA	2'-4" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	.....	726.30	40.69
		For Oak, Add	.....	150.92	
		For Ash/Hickory, Add	.....	150.92	
		For Walnut, Add	.....	248.30	
		For Cherry, Add	.....	466.29	
08 14 73 00-0028	EA	2'-6" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	.....	745.94	43.40
		For Oak, Add	.....	154.25	
		For Ash/Hickory, Add	.....	154.25	
		For Walnut, Add	.....	253.78	
		For Cherry, Add	.....	476.58	
08 14 73 00-0029	EA	2'-8" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	.....	767.96	46.12
		For Oak, Add	.....	158.13	
		For Ash/Hickory, Add	.....	158.13	
		For Walnut, Add	.....	260.17	
		For Cherry, Add	.....	488.57	
08 14 73 00-0030	EA	2'-10" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	.....	787.63	48.83
		For Oak, Add	.....	161.46	
		For Ash/Hickory, Add	.....	161.46	
		For Walnut, Add	.....	265.65	
		For Cherry, Add	.....	498.86	
08 14 73 00-0031	EA	3'-0" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	.....	807.28	51.54
		For Oak, Add	.....	164.79	
		For Ash/Hickory, Add	.....	164.79	
		For Walnut, Add	.....	271.12	
		For Cherry, Add	.....	509.15	
08 14 73 00-0032	EA	4' Wide, Two 2'-0" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	.....	1,368.60	67.81
		For Oak, Add	.....	288.51	
		For Ash/Hickory, Add	.....	288.51	
		For Walnut, Add	.....	474.69	
		For Cherry, Add	.....	891.44	
08 14 73 00-0033	EA	5' Wide, Two 2'-6" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	.....	1,464.80	73.24
		For Oak, Add	.....	308.49	
		For Ash/Hickory, Add	.....	308.49	
		For Walnut, Add	.....	507.56	
		For Cherry, Add	.....	953.15	
08 14 73 00-0034	EA	6' Wide, Two 3'-0" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	.....	1,565.77	78.67
		For Oak, Add	.....	329.57	
		For Ash/Hickory, Add	.....	329.57	
		For Walnut, Add	.....	542.25	
		For Cherry, Add	.....	1,018.29	
08 14 73 00-0035		7' High, 1-3/4" Thick Birch Faced Wood Pocket Door (08 14 73 00-0024)			
08 14 73 00-0036	EA	2'-0" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	.....	739.85	37.98
		For Oak, Add	.....	155.35	
		For Ash/Hickory, Add	.....	155.35	
		For Walnut, Add	.....	255.61	
		For Cherry, Add	.....	480.01	
08 14 73 00-0037	EA	2'-4" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	.....	778.46	40.69
		For Oak, Add	.....	163.12	
		For Ash/Hickory, Add	.....	163.12	
		For Walnut, Add	.....	268.38	
		For Cherry, Add	.....	504.00	

08 Openings**08 10 Doors and Frames****08 14 Wood Doors**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 73 00-0038 EA 2'-6" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door For Oak, Add For Ash/Hickory, Add For Walnut, Add For Cherry, Add	800.47 167.01 167.01 274.77 516.01	43.40
08 14 73 00-0039 EA 2'-8" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door For Oak, Add For Ash/Hickory, Add For Walnut, Add For Cherry, Add	822.50 170.89 170.89 281.17 528.01	46.12
08 14 73 00-0040 EA 2'-10" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door For Oak, Add For Ash/Hickory, Add For Walnut, Add For Cherry, Add	842.17 174.22 174.22 286.64 538.30	48.83
08 14 73 00-0041 EA 3'-0" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door For Oak, Add For Ash/Hickory, Add For Walnut, Add For Cherry, Add	864.18 178.10 178.10 293.03 550.29	51.54
08 14 73 00-0042 EA 4' Wide, Two 2'-0" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door For Oak, Add For Ash/Hickory, Add For Walnut, Add For Cherry, Add	1,463.45 310.71 310.71 511.21 960.01	67.81
08 14 73 00-0043 EA 5' Wide, Two 2'-6" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door For Oak, Add For Ash/Hickory, Add For Walnut, Add For Cherry, Add	1,573.87 334.01 334.01 549.55 1,032.01	73.24
08 14 73 00-0044 EA 6' Wide, Two 3'-0" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door For Oak, Add For Ash/Hickory, Add For Walnut, Add For Cherry, Add	1,679.59 356.21 356.21 586.07 1,100.59	78.67
08 14 73 00-0045 8' High, 1-3/4" Thick Birch Faced Wood Pocket Door (08 14 73 00-0024)		
08 14 73 00-0046 EA 2'-0" x 8' x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced For Oak, Add For Ash/Hickory, Add For Walnut, Add For Cherry, Add	787.27 166.45 166.45 273.86 514.29	37.98
08 14 73 00-0047 EA 2'-4" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door For Oak, Add For Ash/Hickory, Add For Walnut, Add For Cherry, Add	825.89 174.22 174.22 286.64 538.30	40.69
08 14 73 00-0048 EA 2'-6" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door For Oak, Add For Ash/Hickory, Add For Walnut, Add For Cherry, Add	850.26 178.66 178.66 293.94 552.00	43.40
08 14 73 00-0049 EA 2'-8" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door For Oak, Add For Ash/Hickory, Add For Walnut, Add For Cherry, Add	874.66 183.10 183.10 301.25 565.72	46.12
08 14 73 00-0050 EA 2'-10" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door For Oak, Add For Ash/Hickory, Add For Walnut, Add For Cherry, Add	894.33 186.43 186.43 306.73 576.01	48.83
08 14 73 00-0051 EA 3'-0" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door For Oak, Add For Ash/Hickory, Add For Walnut, Add For Cherry, Add	918.72 190.86 190.86 314.03 589.72	51.54
08 14 73 00-0052 EA 4' Wide, Two 2'-0" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door For Oak, Add For Ash/Hickory, Add For Walnut, Add For Cherry, Add	1,558.29 332.90 332.90 547.72 1,028.58	67.81
08 14 73 00-0053 EA 4' Wide, Two 2'-6" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door For Oak, Add For Ash/Hickory, Add For Walnut, Add For Cherry, Add	1,673.46 357.32 357.32 587.89 1,104.01	73.24
08 14 73 00-0054 EA 6' Wide, Two 3'-0" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door For Oak, Add For Ash/Hickory, Add For Walnut, Add For Cherry, Add	1,788.66 381.73 381.73 628.06 1,179.44	78.67
08 14 73 00-0055 Accessories (08 14 73 00-0001)		



Openings			08	08
Doors and Frames			08 10	
Wood Doors			08 14	

MINOR		TOTAL DIRECT		DEMOLITION	
CSI UOM DESCRIPTION		UNIT COST		UNIT COST	
08 14 73 00-0056 Jamb Replacement (08 14 73 00-0055)					
08 14 73 00-0057	EA 4-9/16 Or 4-3/4" Birch Jamb Replacement For Pocket Doors	127.65			
	For Oak, Add	8.29			
	For Ash/Hickory, Add	12.99			
	For Walnut, Add	28.41			
	For Cherry, Add	44.99			
08 14 73 00-0058	EA 5-1/4" Birch Jamb Replacement For Pocket Doors	130.01			
	For Oak, Add	8.56			
	For Ash/Hickory, Add	13.41			
	For Walnut, Add	29.32			
	For Cherry, Add	46.44			
08 14 73 00-0059	EA 6-9/16" Or 6-3/4" Birch Jamb Replacement For Pocket Doors	145.40			
	For Oak, Add	10.30			
	For Ash/Hickory, Add	16.13			
	For Walnut, Add	35.28			
	For Cherry, Add	55.87			
08 14 73 00-0060 Track And Hardware Replacement Kits (08 14 73 00-0055)					
Note: For double doors, use 2 appropriate sized hardware and 1 converging kit.					
08 14 73 00-0061	EA Up To 2'-6" x 6'-8" Door Track And Hardware Replacement For Pocket Door	331.51			
08 14 73 00-0062	EA 2'-8" x 6'-8" Door Track And Hardware Replacement For Pocket Door	334.63			
08 14 73 00-0063	EA 3'-0" x 6'-8" Door Track And Hardware Replacement For Pocket Door	340.89			
08 14 73 00-0064	EA Up To 2'-6" x 7" Door Track And Hardware Replacement For Pocket Door	400.29			
08 14 73 00-0065	EA 2'-8" x 7" Door Track And Hardware Replacement For Pocket Door	403.42			
08 14 73 00-0066	EA 3'-0" x 7" Door Track And Hardware Replacement For Pocket Door	409.67			
08 14 73 00-0067	EA Up To 2'-6" x 8' Door Track And Hardware	431.56			
08 14 73 00-0068	EA 2'-8" x 8' Door Track And Hardware Replacement For Pocket Door	434.69			
08 14 73 00-0069	EA 3'-0" x 8' Door Track And Hardware Replacement For Pocket Door	440.94			
08 14 73 00-0070	EA Double Door Converging Kit For Pocket Door	47.55			
08 14 73 00-0071 Bi-Pass Doors (08 14 73)					
Note: Includes unfinished doors, fascia track, hangers, door guide, doorstop, and pulls. 125 LB maximum door weight (each opening).					
08 14 73 00-0072 Flush, Hollow Core (HC), Birch Faced Wood Bi-Pass Doors (08 14 73 00-0071)					
08 14 73 00-0073	EA 4' Wide, Two 2'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Pass Doors	439.56		86.77	
08 14 73 00-0074	EA 5' Wide, Two 2'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Pass Doors	483.67		92.18	
08 14 73 00-0075	EA 6' Wide, Two 3'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Pass Doors	528.31		97.61	
08 14 73 00-0076	EA 8' Wide, Four 2'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Pass Doors	732.87		103.04	
08 14 73 00-0077 Flush, Hollow Core (HC), Lauan Faced Wood Bi-Pass Doors (08 14 73 00-0071)					
08 14 73 00-0078	EA 4' Wide, Two 2'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Pass Doors	408.74		86.77	
08 14 73 00-0079	EA 5' Wide, Two 2'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Pass Doors	435.62		92.18	
08 14 73 00-0080	EA 6' Wide, Two 3'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Pass Doors	475.43		97.61	
08 14 73 00-0081	EA 8' Wide, Four 2'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Pass Doors	671.24		103.04	
08 14 73 00-0082 Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Pass Doors (08 14 73 00-0071)					
08 14 73 00-0083	EA 4' Wide, Two 2'-0" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Pass Doors	440.42		86.77	
08 14 73 00-0084	EA 5' Wide, Two 2'-6" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Pass Doors	481.52		92.18	
08 14 73 00-0085	EA 6' Wide, Two 3'-0" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Pass Doors	524.75		97.61	
08 14 73 00-0086	EA 8' Wide, Four 2'-0" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Pass Doors	734.61		103.04	
08 14 76 Bifolding Wood Doors (08 14)					
08 14 76 00-0001 Bi-Fold Wood Doors (08 14 76)					
Note: Includes doors, track, top and bottom pivots, door guide, track stop, panel hinge, bottom pivot bracket, top pivot lock, and 4-door aligner (when necessary). Excludes doorframe and knobs.					
08 14 76 00-0002 Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors (08 14 76 00-0001)					
08 14 76 00-0003	EA 2'-0" Wide, Two 1'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors	205.58		65.07	
08 14 76 00-0004	EA 2'-6" Wide, Two 1'-3" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors	216.42		70.50	
08 14 76 00-0005	EA 2'-8" Wide, Two 1'-4" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors	232.30		75.92	
08 14 76 00-0006	EA 3'-0" Wide, Two 1'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors	243.14		81.34	
08 14 76 00-0007	EA 4'-0" Wide, Four 1'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors	318.29		86.77	
08 14 76 00-0008	EA 5'-0" Wide, Four 1'-3" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors	329.14		92.18	
08 14 76 00-0009	EA 6'-0" Wide, Four 1'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors	350.65		97.61	
08 14 76 00-0010 Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors (08 14 76 00-0001)					
08 14 76 00-0011	EA 2'-0" Wide, Two 1'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors	217.88		65.07	
08 14 76 00-0012	EA 2'-6" Wide, Two 1'-3" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors	232.76		70.50	
08 14 76 00-0013	EA 2'-8" Wide, Two 1'-4" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors	251.36		75.92	

08 Openings**08 10 Doors and Frames****08 14 Wood Doors**

MINOR CSI UOM DESCRIPTION				TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 76 00-0014	EA	3'-0" Wide, Two 1'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors	.....	262.20	81.34
08 14 76 00-0015	EA	4'-0" Wide, Four 1'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors	.....	344.64	86.77
08 14 76 00-0016	EA	5'-0" Wide, Four 1'-3" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors	.....	370.22	92.18
08 14 76 00-0017	EA	6'-0" Wide, Four 1'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors	.....	397.33	97.61
08 14 76 00-0018 Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors (08 14 76 00-0001)					
08 14 76 00-0019	EA	2'-0" Wide, Two 1'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	.....	218.45	65.07
08 14 76 00-0020	EA	2'-6" Wide, Two 1'-3" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	.....	240.65	70.50
08 14 76 00-0021	EA	2'-8" Wide, Two 1'-4" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	.....	258.63	75.92
08 14 76 00-0022	EA	3'-0" Wide, Two 1'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	.....	269.47	81.34
08 14 76 00-0023	EA	4'-0" Wide, Four 1'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	.....	351.00	86.77
08 14 76 00-0024	EA	5'-0" Wide, Four 1'-3" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	.....	364.41	92.18
08 14 76 00-0025	EA	6'-0" Wide, Four 1'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	.....	397.33	97.61
08 14 76 00-0026 Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors (08 14 76 00-0001)					
08 14 76 00-0027	EA	2'-0" Wide, Two 1'-0" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors	.....	584.27	65.07
08 14 76 00-0028	EA	2'-6" Wide, Two 1'-3" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors	.....	668.49	70.50
08 14 76 00-0029	EA	2'-8" Wide, Two 1'-4" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors	.....	764.61	75.92
08 14 76 00-0030	EA	3'-0" Wide, Two 1'-6" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors	.....	775.45	81.34
08 14 76 00-0031	EA	4'-0" Wide, Four 1'-0" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors	.....	1,081.78	86.77
08 14 76 00-0032	EA	5'-0" Wide, Four 1'-3" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors	.....	1,239.38	92.18
08 14 76 00-0033	EA	6'-0" Wide, Four 1'-6" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors	.....	1,420.76	97.61
08 14 76 00-0034 Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors (08 14 76 00-0001)					
08 14 76 00-0035	EA	2'-0" Wide, Two 1'-0" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	.....	752.84	65.07
08 14 76 00-0036	EA	2'-6" Wide, Two 1'-3" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	.....	817.22	70.50
08 14 76 00-0037	EA	2'-8" Wide, Two 1'-4" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	.....	893.51	75.92
08 14 76 00-0038	EA	3'-0" Wide, Two 1'-6" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	.....	904.35	81.34
08 14 76 00-0039	EA	4'-0" Wide, Four 1'-0" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	.....	1,418.90	86.77
08 14 76 00-0040	EA	5'-0" Wide, Four 1'-3" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	.....	1,536.84	92.18
08 14 76 00-0041	EA	6'-0" Wide, Four 1'-6" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	.....	1,678.56	97.61
08 14 76 00-0042 Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Fold Doors (08 14 76 00-0001)					
08 14 76 00-0043	EA	2'-0" Wide, Two 1'-0" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Fold Doors	.....	209.91	65.07
08 14 76 00-0044	EA	2'-6" Wide, Two 1'-3" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Fold Doors	.....	225.81	70.50
08 14 76 00-0045	EA	2'-8" Wide, Two 1'-4" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Fold Doors	.....	247.37	75.92
08 14 76 00-0046	EA	3'-0" Wide, Two 1'-6" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Fold Doors	.....	249.18	81.34
08 14 76 00-0047	EA	4'-0" Wide, Four 1'-0" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Fold Doors	.....	311.16	86.77
08 14 76 00-0048	EA	5'-0" Wide, Four 1'-3" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Fold Doors	.....	336.17	92.18
08 14 76 00-0049	EA	6'-0" Wide, Four 1'-6" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Fold Doors	.....	377.59	97.61
08 15 Plastic Doors (08 10)					
Note: Includes machining for all hardware, except mortised locks. Excludes frames, finish hardware. See CSI section 08 70 00 00-0000 for finish hardware.					
08 15 13 Laminated Plastic Doors (08 15)					
08 15 13 00-0001 High Pressure Laminated Plastic Doors (08 15 13)					
Note: 0.125" acrylic/PVC thermoplastic face sheet over 16 gauge welded steel tube framework and a core of resin impregnated Kraft honeycomb (Urethane insulation). Panel capping channel to be 304 stainless steel.					
08 15 13 00-0002	EA	1'-6" x 6'-8" x 1-3/8" Thick, Plastic High Pressure Laminate Door	.....	269.56	54.25
08 15 13 00-0003	EA	1'-6" x 6'-8" x 1-3/4" Thick, Plastic High Pressure Laminate Door	.....	269.56	54.25
08 15 13 00-0004	EA	1'-6" x 7' x 1-3/8" Thick, Plastic High Pressure Laminate Door	.....	269.56	54.25
08 15 13 00-0005	EA	1'-6" x 7' x 1-3/4" Thick, Plastic High Pressure Laminate Door	.....	269.56	54.25
08 15 13 00-0006	EA	2' x 6'-8" x 1-3/8" Thick, Plastic High Pressure Laminate Door	.....	280.42	59.67
08 15 13 00-0007	EA	2' x 6'-8" x 1-3/4" Thick, Plastic High Pressure Laminate Door	.....	280.42	59.67
08 15 13 00-0008	EA	2' x 7' x 1-3/8" Thick, Plastic High Pressure Laminate Door	.....	280.42	59.67
08 15 13 00-0009	EA	2' x 7' x 1-3/4" Thick, Plastic High Pressure Laminate Door	.....	280.42	59.67
08 15 13 00-0010	EA	2'-6" x 6'-8" x 1-3/8" Thick, Plastic High Pressure Laminate Door	.....	302.47	62.39
08 15 13 00-0011	EA	2'-6" x 6'-8" x 1-3/4" Thick, Plastic High Pressure Laminate Door	.....	302.47	62.39
08 15 13 00-0012	EA	2'-6" x 7' x 1-3/8" Thick, Plastic High Pressure Laminate Door	.....	302.47	62.39
08 15 13 00-0013	EA	2'-6" x 7' x 1-3/4" Thick, Plastic High Pressure Laminate Door	.....	302.47	62.39
08 15 13 00-0014	EA	3' x 6'-8" x 1-3/8" Thick, Plastic High Pressure Laminate Door	.....	324.53	65.10
08 15 13 00-0015	EA	3' x 6'-8" x 1-3/4" Thick, Plastic High Pressure Laminate Door	.....	324.53	65.10
08 15 13 00-0016	EA	3' x 7' x 1-3/8" Thick, Plastic High Pressure Laminate Door	.....	324.53	65.10
08 15 13 00-0017	EA	3' x 7' x 1-3/4" Thick, Plastic High Pressure Laminate Door	.....	324.53	65.10
08 15 13 00-0018	EA	3'-6" x 6'-8" x 1-3/8" Thick, Plastic High Pressure Laminate Door	.....	356.22	67.81
08 15 13 00-0019	EA	3'-6" x 6'-8" x 1-3/4" Thick, Plastic High Pressure Laminate Door	.....	356.22	67.81



		Openings	08
		Doors and Frames	08 10
		Plastic Doors	08 15

08

MINOR		TOTAL DIRECT		DEMOLITION
CSI UOM DESCRIPTION		UNIT COST		UNIT COST
08 15 13 00-0020	EA 3'-6" x 7' x 1-3/8" Thick, Plastic High Pressure Laminate Door.....	356.22		67.81
08 15 13 00-0021	EA 3'-6" x 7' x 1-3/4" Thick, Plastic High Pressure Laminate Door.....	356.22		67.81
08 15 13 00-0022	EA 4' x 6'-8" x 1-3/8" Thick, Plastic High Pressure Laminate Door.....	401.21		73.24
08 15 13 00-0023	EA 4' x 6'-8" x 1-3/4" Thick, Plastic High Pressure Laminate Door.....	401.21		73.24
08 15 13 00-0024	EA 4' x 7' x 1-3/8" Thick, Plastic High Pressure Laminate Door.....	401.21		73.24
08 15 13 00-0025	EA 4' x 7' x 1-3/4" Thick, Plastic High Pressure Laminate Door.....	401.21		73.24
08 16 Composite Doors (08 10)				
Note: Includes machining for all hardware. Excludes frames, finish hardware. See CSI section 08 70 00 00-0000 for finish hardware.				
08 16 13 Fiberglass Doors (08 16)				
See CSI section 08 70 00 00-0000 for finish hardware.				
08 16 13 00-0001	Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Frames And Doors (08 16 13)			
08 16 13 00-0002	Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) (08 16 13 00-0001)			
08 16 13 00-0003	Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) (08 16 13 00-0002)			
Note: White, tan, brown or gray finish. Includes factory hardware prep and 25 Mil resin rich gel coat.				
08 16 13 00-0004	Standard, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) (08 16 13 00-0003)			
Note: Includes fiberglass reinforced polyester (FRP) doorframe, 4-1/2" x 4-1/2" stainless steel hinges and factory hardware prep. Excludes hardware.				
08 16 13 00-0005	6'-8" High, Standard Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) (08 16 13 00-0004)			
08 16 13 00-0006	EA 3' x 6'-8", Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....	2,925.40		65.10
	For Custom Color Finish, Add	152.13		
	For Stainless Steel Continuous Hinge, Add	338.61		
08 16 13 00-0007	EA 3'-6" x 6'-8", Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....	3,122.82		67.81
	For Custom Color Finish, Add	152.13		
	For Stainless Steel Continuous Hinge, Add	338.61		
08 16 13 00-0008	EA 4' x 6'-8", Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....	3,423.28		73.24
	For Custom Color Finish, Add	152.13		
	For Stainless Steel Continuous Hinge, Add	338.61		
08 16 13 00-0009	7' High, Standard Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) (08 16 13 00-0004)			
08 16 13 00-0010	EA 3' x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....	2,925.40		65.10
	For Custom Color Finish, Add	152.13		
	For Stainless Steel Continuous Hinge, Add	338.61		
08 16 13 00-0011	EA 3'-6" x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....	3,200.92		67.81
	For Custom Color Finish, Add	152.13		
	For Stainless Steel Continuous Hinge, Add	338.61		
08 16 13 00-0012	EA 4' x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....	3,506.26		73.24
	For Custom Color Finish, Add	152.13		
	For Stainless Steel Continuous Hinge, Add	338.61		
08 16 13 00-0013	Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) (08 16 13 00-0003)			
Note: Includes fiberglass reinforced polyester (FRP) doorframe, 4-1/2" x 4-1/2" stainless steel hinges and factory hardware prep. Excludes hardware.				
08 16 13 00-0014	45 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) (08 16 13 00-0013)			
08 16 13 00-0015	6'-8" High, 45 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) (08 16 13 00-0014)			
08 16 13 00-0016	EA 3' x 6'-8", 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....	3,472.08		65.10
	For Custom Color Finish, Add	152.13		
	For Stainless Steel Continuous Hinge, Add	338.61		
08 16 13 00-0017	EA 3'-6" x 6'-8", 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....	3,544.22		67.81
	For Custom Color Finish, Add	152.13		
	For Stainless Steel Continuous Hinge, Add	338.61		
08 16 13 00-0018	EA 4' x 6'-8", 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....	4,041.54		73.24
	For Custom Color Finish, Add	152.13		
	For Stainless Steel Continuous Hinge, Add	338.61		
08 16 13 00-0019	7' High, 45 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) (08 16 13 00-0014)			

08 Openings**08 10 Doors and Frames****08 16 Composite Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 16 13 00-0020	EA	3' x 7', 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	.....	3,472.08	65.10
		For Custom Color Finish, Add	.....	152.13	
		For Stainless Steel Continuous Hinge, Add	.....	338.61	
08 16 13 00-0021	EA	3'-6" x 7', 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	.....	3,798.03	67.81
		For Custom Color Finish, Add	.....	152.13	
		For Stainless Steel Continuous Hinge, Add	.....	338.61	
08 16 13 00-0022	EA	4' x 7', 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	.....	4,135.91	73.24
		For Custom Color Finish, Add	.....	152.13	
		For Stainless Steel Continuous Hinge, Add	.....	338.61	
08 16 13 00-0023		60 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) (08 16 13 00-0013)			
08 16 13 00-0024		6'-8" High, 60 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) (08 16 13 00-0023)			
08 16 13 00-0025	EA	3' x 6'-8", 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	.....	3,472.08	65.10
		For Custom Color Finish, Add	.....	152.13	
		For Stainless Steel Continuous Hinge, Add	.....	338.61	
08 16 13 00-0026	EA	3'-6" x 6'-8", 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	.....	3,544.22	67.81
		For Custom Color Finish, Add	.....	152.13	
		For Stainless Steel Continuous Hinge, Add	.....	338.61	
08 16 13 00-0027	EA	4' x 6'-8", 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	.....	4,041.54	73.24
		For Custom Color Finish, Add	.....	152.13	
		For Stainless Steel Continuous Hinge, Add	.....	338.61	
08 16 13 00-0028		7' High, 60 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) (08 16 13 00-0023)			
08 16 13 00-0029	EA	3' x 7', 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	.....	3,472.08	65.10
		For Custom Color Finish, Add	.....	152.13	
		For Stainless Steel Continuous Hinge, Add	.....	338.61	
08 16 13 00-0030	EA	3'-6" x 7', 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	.....	3,798.03	67.81
		For Custom Color Finish, Add	.....	152.13	
		For Stainless Steel Continuous Hinge, Add	.....	338.61	
08 16 13 00-0031	EA	4' x 7', 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	.....	4,135.91	73.24
		For Custom Color Finish, Add	.....	152.13	
		For Stainless Steel Continuous Hinge, Add	.....	338.61	
08 16 13 00-0032		90 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) (08 16 13 00-0013)			
08 16 13 00-0033		6'-8" High, 90 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) (08 16 13 00-0032)			
08 16 13 00-0034	EA	3' x 6'-8", 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	.....	3,472.08	65.10
		For Custom Color Finish, Add	.....	152.13	
		For Stainless Steel Continuous Hinge, Add	.....	338.61	
08 16 13 00-0035	EA	3'-6" x 6'-8", 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	.....	3,544.22	67.81
		For Custom Color Finish, Add	.....	152.13	
		For Stainless Steel Continuous Hinge, Add	.....	338.61	
08 16 13 00-0036	EA	4' x 6'-8", 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	.....	4,041.54	73.24
		For Custom Color Finish, Add	.....	152.13	
		For Stainless Steel Continuous Hinge, Add	.....	338.61	
08 16 13 00-0037		7' High, 90 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) (08 16 13 00-0032)			
08 16 13 00-0038	EA	3' x 7', 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	.....	3,472.08	65.10
		For Custom Color Finish, Add	.....	152.13	
		For Stainless Steel Continuous Hinge, Add	.....	338.61	
08 16 13 00-0039	EA	3'-6" x 7', 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	.....	3,798.03	67.81
		For Custom Color Finish, Add	.....	152.13	
		For Stainless Steel Continuous Hinge, Add	.....	338.61	
08 16 13 00-0040	EA	4' x 7', 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	.....	4,135.91	73.24
		For Custom Color Finish, Add	.....	152.13	
		For Stainless Steel Continuous Hinge, Add	.....	338.61	



		Openings	08
		Doors and Frames	08 10
		Composite Doors	08 16

08

MINOR CSI UOM DESCRIPTION		TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 16 13 00-0041	Storm Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) (08 16 13 00-0003) Note: Includes fiberglass reinforced polyester (FRP) doorframe, 4-1/2" x 4-1/2" stainless steel hinges and factory hardware prep. Excludes hardware.		
08 16 13 00-0042	6'-8" High, Storm Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) (08 16 13 00-0041)		
08 16 13 00-0043	EA 3' x 6'-8", Storm Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf) For Custom Color Finish, Add For Stainless Steel Continuous Hinge, Add	3,092.99 152.13 338.61	65.10
08 16 13 00-0044	7' High, Storm Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) (08 16 13 00-0041)		
08 16 13 00-0045	EA 3' x 7', Storm Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf) For Custom Color Finish, Add For Stainless Steel Continuous Hinge, Add	3,092.99 152.13 338.61	65.10
08 16 13 00-0046	Accessories For Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Doors (Chem-Pruf) (08 16 13 00-0002)		
08 16 13 00-0047	SI 1/4" Tempered, Factory Installed Vision Glass (Chem-Pruf)	0.42	
08 16 13 00-0048	SI 1/4" Laminated, Factory Installed Vision Glass (Chem-Pruf)	0.42	
08 16 13 00-0049	SI 1/4" Wire, Factory Installed Vision Glass (Chem-Pruf)	0.56	
08 16 13 00-0050	SI 1/2" Insulated, Factory Installed Vision Glass (Chem-Pruf)	0.54	
08 16 13 00-0051	SI Factory Installed Molded Louver (Chem-Pruf)	1.07	
08 16 13 00-0052	SI Factory Installed Molded Louver With Insect Screen (Chem-Pruf)	1.20	
08 16 13 00-0053	LF Weather Strip (Chem-Pruf)	11.39	
08 16 13 00-0054	LF Fiberglass Reinforced Polyester (FRP) Astragal With Seal (Chem-Pruf)	14.64	
08 16 13 00-0055	LF 1/2" Fiberglass Reinforced Polyester (FRP) Grooved Saddle Threshold (Chem-Pruf)	30.91	
08 16 13 00-0056	LF Fiberglass Reinforced Polyester (FRP) Door Sweep (Chem-Pruf)	34.17	
08 16 13 00-0057	LF 2-1/4" Fiberglass Reinforced Polyester (FRP) Center Door Mullion (Chem-Pruf)	66.71	
08 16 13 00-0058	Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) (08 16 13 00-0001)		
08 16 13 00-0059	Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) (08 16 13 00-0058) Note: White, tan, brown or gray finish. Includes factory hardware prep.		
08 16 13 00-0060	Standard, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) (08 16 13 00-0059) Note: Includes fiberglass reinforced polyester (FRP) doorframe, 4-1/2" x 4-1/2" stainless steel hinges and factory hardware prep. Excludes hardware.		
08 16 13 00-0061	6'-8" High, Standard Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) (08 16 13 00-0060)		
08 16 13 00-0062	EA 3' x 6'-8", Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door) For Custom Color Finish, Add For Stainless Steel Continuous Hinge, Add	2,236.49 152.13 338.61	65.10
08 16 13 00-0063	EA 3'-6" x 6'-8", Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door) For Custom Color Finish, Add For Stainless Steel Continuous Hinge, Add	2,267.52 152.13 338.61	67.81
08 16 13 00-0064	EA 4' x 6'-8", Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door) For Custom Color Finish, Add For Stainless Steel Continuous Hinge, Add	2,376.80 152.13 338.61	73.24
08 16 13 00-0065	7' High, Standard Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) (08 16 13 00-0060)		
08 16 13 00-0066	EA 3' x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door) For Custom Color Finish, Add For Stainless Steel Continuous Hinge, Add	2,236.49 152.13 338.61	65.10
08 16 13 00-0067	EA 3'-6" x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door) For Custom Color Finish, Add For Stainless Steel Continuous Hinge, Add	2,365.95 152.13 338.61	67.81
08 16 13 00-0068	EA 4' x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door) For Custom Color Finish, Add For Stainless Steel Continuous Hinge, Add	2,376.80 152.13 338.61	73.24
08 16 13 00-0069	Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) (08 16 13 00-0059) Note: Includes fiberglass reinforced polyester (FRP) doorframe, 4-1/2" x 4-1/2" stainless steel hinges and factory hardware prep. Excludes hardware.		
08 16 13 00-0070	45 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) (08 16 13 00-0069)		

08 Openings**08 10 Doors and Frames****08 16 Composite Doors**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
08 16 13 00-0071	6'-8" High, 45 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) (08 16 13 00-0070)			
08 16 13 00-0072	EA 3' x 6'-8", 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	3,713.01		65.10
	For Custom Color Finish, Add	152.13		
	For Stainless Steel Continuous Hinge, Add	338.61		
08 16 13 00-0073	EA 3'-6" x 6'-8", 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	3,789.31		67.81
	For Custom Color Finish, Add	152.13		
	For Stainless Steel Continuous Hinge, Add	338.61		
08 16 13 00-0074	EA 4' x 6'-8", 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	3,969.47		73.24
	For Custom Color Finish, Add	152.13		
	For Stainless Steel Continuous Hinge, Add	338.61		
08 16 13 00-0075	7' High, 45 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) (08 16 13 00-0070)			
08 16 13 00-0076	EA 3' x 7', 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	3,713.01		65.10
	For Custom Color Finish, Add	152.13		
	For Stainless Steel Continuous Hinge, Add	338.61		
08 16 13 00-0077	EA 3'-6" x 7', 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	3,816.87		67.81
	For Custom Color Finish, Add	152.13		
	For Stainless Steel Continuous Hinge, Add	338.61		
08 16 13 00-0078	EA 4' x 7', 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	4,054.12		73.24
	For Custom Color Finish, Add	152.13		
	For Stainless Steel Continuous Hinge, Add	338.61		
08 16 13 00-0079	60 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) (08 16 13 00-0069)			
08 16 13 00-0080	6'-8" High, 60 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) (08 16 13 00-0079)			
08 16 13 00-0081	EA 3' x 6'-8", 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	3,713.01		65.10
	For Custom Color Finish, Add	152.13		
	For Stainless Steel Continuous Hinge, Add	338.61		
08 16 13 00-0082	EA 3'-6" x 6'-8", 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	3,789.31		67.81
	For Custom Color Finish, Add	152.13		
	For Stainless Steel Continuous Hinge, Add	338.61		
08 16 13 00-0083	EA 4' x 6'-8", 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	3,969.47		73.24
	For Custom Color Finish, Add	152.13		
	For Stainless Steel Continuous Hinge, Add	338.61		
08 16 13 00-0084	7' High, 60 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) (08 16 13 00-0079)			
08 16 13 00-0085	EA 3' x 7', 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	3,713.01		65.10
	For Custom Color Finish, Add	152.13		
	For Stainless Steel Continuous Hinge, Add	338.61		
08 16 13 00-0086	EA 3'-6" x 7', 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	3,816.87		67.81
	For Custom Color Finish, Add	152.13		
	For Stainless Steel Continuous Hinge, Add	338.61		
08 16 13 00-0087	EA 4' x 7', 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	4,054.12		73.24
	For Custom Color Finish, Add	152.13		
	For Stainless Steel Continuous Hinge, Add	338.61		
08 16 13 00-0088	90 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) (08 16 13 00-0069)			
08 16 13 00-0089	6'-8" High, 90 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) (08 16 13 00-0088)			
08 16 13 00-0090	EA 3' x 6'-8", 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	3,713.01		65.10
	For Custom Color Finish, Add	152.13		
	For Stainless Steel Continuous Hinge, Add	338.61		
08 16 13 00-0091	EA 3'-6" x 6'-8", 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	3,789.31		67.81
	For Custom Color Finish, Add	152.13		
	For Stainless Steel Continuous Hinge, Add	338.61		



		Openings	08	08
		Doors and Frames	08 10	
		Composite Doors	08 16	

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST		UNIT COST
08 16 13 00-0092	EA 4' x 6'-8", 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door) For Custom Color Finish, Add For Stainless Steel Continuous Hinge, Add	3,969.47		73.24
		152.13		
		338.61		
08 16 13 00-0093	7' High, 90 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) (08 16 13 00-0088)			
08 16 13 00-0094	EA 3' x 7', 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door) For Custom Color Finish, Add For Stainless Steel Continuous Hinge, Add	3,713.01		65.10
		152.13		
		338.61		
08 16 13 00-0095	EA 3'-6" x 7', 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door) For Custom Color Finish, Add For Stainless Steel Continuous Hinge, Add	3,816.87		67.81
		152.13		
		338.61		
08 16 13 00-0096	EA 4' x 7', 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door) For Custom Color Finish, Add For Stainless Steel Continuous Hinge, Add	4,054.12		73.24
		152.13		
		338.61		
08 16 13 00-0097	Storm Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) (08 16 13 00-0098) Note: Includes fiberglass reinforced polyester (FRP) doorframe, 4-1/2" x 4-1/2" stainless steel hinges and factory hardware prep. Excludes hardware.			
08 16 13 00-0098	6'-8" High, Storm Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) (08 16 13 00-0097)			
08 16 13 00-0099	EA 3' x 6'-8", Storm Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door) For Custom Color Finish, Add For Stainless Steel Continuous Hinge, Add	2,531.80		65.10
		152.13		
		338.61		
08 16 13 00-0100	7' High, Storm Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) (08 16 13 00-0097)			
08 16 13 00-0101	EA 3' x 7', Storm Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door) For Custom Color Finish, Add For Stainless Steel Continuous Hinge, Add	2,531.80		65.10
		152.13		
		338.61		
08 16 13 00-0102	Accessories For Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Doors (Skule Door) (08 16 13 00-0098)			
08 16 13 00-0103	SI 1/4" Tempered, Factory Installed Vision Glass (Skule Door)	0.93		
08 16 13 00-0104	SI 1/4" Laminated, Factory Installed Vision Glass (Skule Door)	0.96		
08 16 13 00-0105	SI 1/4" Wire, Factory Installed Vision Glass (Skule Door)	1.01		
08 16 13 00-0106	SI 1/2" Insulated, Factory Installed Vision Glass (Skule Door)	1.45		
08 16 13 00-0107	SI Factory Installed Molded Louver (Skule Door)	0.57		
08 16 13 00-0108	SI Factory Installed Molded Louver With Insect Screen (Skule Door)	0.92		
08 16 13 00-0109	LF Weather Strip (Skule Door)	7.87		
08 16 13 00-0110	LF Fiberglass Reinforced Polyester (FRP) Astragal With Seal (Skule Door)	9.84		
08 16 13 00-0111	LF 1/2" Fiberglass Reinforced Polyester (FRP) Grooved Saddle Threshold (Skule Door)	31.50		
08 16 13 00-0112	LF Fiberglass Reinforced Polyester (FRP) Door Sweep (Skule Door)	112.21		
08 16 13 00-0113	LF 2-1/4" Fiberglass Reinforced Polyester (FRP) Center Door Mullion (Skule Door)	43.31		
08 16 13 00-0114	Galvanized Insulated Poly Core Composite Doors (08 16 13)			
08 16 13 00-0115	EA 3'-0" x 7'-0" x 1-3/4" Thick, Flush, 18 Gauge, Galvanized, Insulated Poly Core Composite Door (Curries 707N)	1,340.53		65.10
08 17	Integrated Door Opening Assemblies (08 10)			
08 17 23	Integrated Metal Door Opening Assemblies (08 17)			
08 17 23 00-0001	Pre-Hung Interior Door Units (08 17 23) Note: Includes door, frame, and trim, all mounting hardware (standard duty ball bearing hinges). Excludes lockset.			
08 17 23 00-0002	Hollow Core Doors, 1-3/8" Thick (08 17 23 00-0001)			
08 17 23 00-0003	Birch Faced (08 17 23 00-0002)			
08 17 23 00-0004	EA 2'-0" Or 2'-4" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door For 8' Door Height, Add	357.09		67.81
		53.15		
08 17 23 00-0005	EA 2'-6" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door For 8' Door Height, Add	370.69		67.81
		56.41		
08 17 23 00-0006	EA 2'-8" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door For 8' Door Height, Add	389.74		70.53
		59.69		
08 17 23 00-0007	EA 3' x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door For 8' Door Height, Add	399.21		73.24
		60.66		
08 17 23 00-0008	EA 3'-4" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door For 8' Door Height, Add	423.90		73.24
		66.58		

08 Openings**08 10 Doors and Frames****08 17 Integrated Door Opening Assemblies**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 17 23 00-0009	EA		3'-6" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door	447.09	75.95
			<i>For 8' Door Height, Add</i>	70.84	
08 17 23 00-0010	EA		Pair 2' x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door	665.35	111.22
			<i>For 8' Door Height, Add</i>	106.30	
08 17 23 00-0011	EA		Pair 2'-6" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door	708.86	119.36
			<i>For 8' Door Height, Add</i>	112.84	
08 17 23 00-0012	EA		Pair 3' x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door	760.46	127.49
			<i>For 8' Door Height, Add</i>	121.31	
08 17 23 00-0013			Lauan Faced (08 17 23 00-0002)		
08 17 23 00-0014	EA		2'-0" Or 2'-4" x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door	331.34	67.81
			<i>For 8' Door Height, Add</i>	46.97	
08 17 23 00-0015	EA		2'-6" x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door	344.62	67.81
			<i>For 8' Door Height, Add</i>	50.15	
08 17 23 00-0016	EA		2'-8" x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door	361.23	70.53
			<i>For 8' Door Height, Add</i>	52.84	
08 17 23 00-0017	EA		3' x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door	374.56	73.24
			<i>For 8' Door Height, Add</i>	54.74	
08 17 23 00-0018	EA		3'-4" x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door	396.37	73.24
			<i>For 8' Door Height, Add</i>	59.97	
08 17 23 00-0019	EA		3'-6" x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door	413.39	75.95
			<i>For 8' Door Height, Add</i>	62.76	
08 17 23 00-0020	EA		Pair 2' x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door	613.87	111.22
			<i>For 8' Door Height, Add</i>	93.94	
08 17 23 00-0021	EA		Pair 2'-6" x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door	656.63	119.36
			<i>For 8' Door Height, Add</i>	100.30	
08 17 23 00-0022	EA		Pair 3' x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door	711.21	127.49
			<i>For 8' Door Height, Add</i>	109.49	
08 17 23 00-0023			Tempered Hardboard Faced (08 17 23 00-0003)		
08 17 23 00-0024	EA		2'-0" Or 2'-4" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door	286.52	67.81
			<i>For 8' Door Height, Add</i>	36.21	
08 17 23 00-0025	EA		2'-6" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door	297.53	67.81
			<i>For 8' Door Height, Add</i>	38.86	
08 17 23 00-0026	EA		2'-8" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door	308.17	70.53
			<i>For 8' Door Height, Add</i>	40.11	
08 17 23 00-0027	EA		3' x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door	324.05	73.24
			<i>For 8' Door Height, Add</i>	42.62	
08 17 23 00-0028	EA		3'-4" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door	343.57	73.24
			<i>For 8' Door Height, Add</i>	47.30	
08 17 23 00-0029	EA		3'-6" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door	365.13	75.95
			<i>For 8' Door Height, Add</i>	51.17	
08 17 23 00-0030	EA		Pair 2' x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door	529.28	111.22
			<i>For 8' Door Height, Add</i>	73.64	
08 17 23 00-0031	EA		Pair 2'-6" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door	562.49	119.36
			<i>For 8' Door Height, Add</i>	77.71	
08 17 23 00-0032	EA		Pair 3' x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door	610.10	127.49
			<i>For 8' Door Height, Add</i>	85.23	
08 17 23 00-0033			Solid Core Doors, 1-3/8" Thick (08 17 23 00-0001)		
08 17 23 00-0034			Birch Faced (08 17 23 00-0033)		
08 17 23 00-0035	EA		2'-0" Or 2'-4" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door	479.57	67.81
			<i>For 8' Door Height, Add</i>	82.55	
08 17 23 00-0036	EA		2'-6" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door	497.65	67.81
			<i>For 8' Door Height, Add</i>	86.88	
08 17 23 00-0037	EA		2'-8" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door	521.12	70.53
			<i>For 8' Door Height, Add</i>	91.22	
08 17 23 00-0038	EA		3' x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door	548.57	73.24
			<i>For 8' Door Height, Add</i>	96.50	
08 17 23 00-0039	EA		3'-4" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door	592.72	73.24
			<i>For 8' Door Height, Add</i>	107.10	
08 17 23 00-0040	EA		3'-6" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door	637.16	75.95
			<i>For 8' Door Height, Add</i>	116.46	
08 17 23 00-0041	EA		Pair 2' x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door	910.31	111.22
			<i>For 8' Door Height, Add</i>	165.09	
08 17 23 00-0042	EA		Pair 2'-6" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door	962.75	119.36
			<i>For 8' Door Height, Add</i>	173.77	
08 17 23 00-0043	EA		Pair 3' x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door	1,059.16	127.49
			<i>For 8' Door Height, Add</i>	193.01	
08 17 23 00-0044			Lauan Faced (08 17 23 00-0033)		
08 17 23 00-0045	EA		2'-0" Or 2'-4" x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door	685.21	67.81
			<i>For 8' Door Height, Add</i>	131.90	
08 17 23 00-0046	EA		2'-6" x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door	715.43	67.81
			<i>For 8' Door Height, Add</i>	139.15	
08 17 23 00-0047	EA		2'-8" x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door	751.03	70.53
			<i>For 8' Door Height, Add</i>	146.40	



Openings			08	08
Doors and Frames			08 10	
Integrated Door Opening Assemblies			08 17	

MINOR				TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST	
08 17 23 00-0048	EA	3' x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door.....		786.95		73.24
		For 8' Door Height, Add		153.71		
08 17 23 00-0049	EA	3'-4" x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door		857.39		73.24
		For 8' Door Height, Add		170.62		
08 17 23 00-0050	EA	3'-6" x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door		908.31		75.95
		For 8' Door Height, Add		181.54		
08 17 23 00-0051	EA	Pair 2' x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door		1,321.58		111.22
		For 8' Door Height, Add		263.79		
08 17 23 00-0052	EA	Pair 2'-6" x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door		1,398.34		119.36
		For 8' Door Height, Add		278.31		
08 17 23 00-0053	EA	Pair 3' x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door		1,535.92		127.49
		For 8' Door Height, Add		307.43		
08 17 23 00-0054	Tempered Hardboard Faced (08 17 23 00-0033)					
08 17 23 00-0055	EA	2'-0" - 2'-4" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door		392.29		67.81
		For 8' Door Height, Add		61.60		
08 17 23 00-0056	EA	2'-6" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door		407.15		67.81
		For 8' Door Height, Add		65.16		
08 17 23 00-0057	EA	2'-8" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door		427.48		70.53
		For 8' Door Height, Add		68.74		
08 17 23 00-0058	EA	3' x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door.....		438.42		73.24
		For 8' Door Height, Add		70.07		
08 17 23 00-0059	EA	3'-4" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door		470.61		73.24
		For 8' Door Height, Add		77.79		
08 17 23 00-0060	EA	3'-6" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door		496.80		75.95
		For 8' Door Height, Add		82.77		
08 17 23 00-0061	PR	Pair 2' x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door		735.75		111.22
		For 8' Door Height, Add		123.19		
08 17 23 00-0062	PR	Pair 2'-6" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door		781.73		119.36
		For 8' Door Height, Add		130.33		
08 17 23 00-0063	PR	Pair 3' x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door		838.84		127.49
		For 8' Door Height, Add		140.13		
08 17 23 00-0064	Hollow Core Doors, 1-3/4" Thick (08 17 23 00-0001)					
08 17 23 00-0065	Birch Faced (08 17 23 00-0064)					
08 17 23 00-0066	EA	2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door		412.42		67.81
		For 8' Door Height, Add		66.43		
08 17 23 00-0067	EA	2'-6" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door		422.87		67.81
		For 8' Door Height, Add		68.94		
08 17 23 00-0068	EA	2'-8" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door		432.15		70.53
		For 8' Door Height, Add		69.86		
08 17 23 00-0069	EA	3' x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door.....		454.61		73.24
		For 8' Door Height, Add		73.95		
08 17 23 00-0070	EA	3'-4" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door		499.81		73.24
		For 8' Door Height, Add		84.80		
08 17 23 00-0071	EA	3'-6" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door		558.05		75.95
		For 8' Door Height, Add		97.47		
08 17 23 00-0072	EA	Pair 2' x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door		776.05		111.22
		For 8' Door Height, Add		132.86		
08 17 23 00-0073	EA	Pair 2'-6" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door		813.18		119.36
		For 8' Door Height, Add		137.88		
08 17 23 00-0074	EA	Pair 3' x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door		871.27		127.49
		For 8' Door Height, Add		147.91		
08 17 23 00-0075	Lauan Faced (08 17 23 00-0064)					
08 17 23 00-0076	EA	2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door		384.25		67.81
		For 8' Door Height, Add		59.67		
08 17 23 00-0077	EA	2'-6" x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door		401.38		67.81
		For 8' Door Height, Add		63.78		
08 17 23 00-0078	EA	2'-8" x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door		420.71		70.53
		For 8' Door Height, Add		67.12		
08 17 23 00-0079	EA	3' x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door		431.64		73.24
		For 8' Door Height, Add		68.44		
08 17 23 00-0080	EA	3'-4" x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door		462.99		73.24
		For 8' Door Height, Add		75.96		
08 17 23 00-0081	EA	3'-6" x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door		488.67		75.95
		For 8' Door Height, Add		80.82		
08 17 23 00-0082	EA	Pair 2' x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door		719.69		111.22
		For 8' Door Height, Add		119.34		
08 17 23 00-0083	EA	Pair 2'-6" x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door		770.22		119.36
		For 8' Door Height, Add		127.56		
08 17 23 00-0084	EA	Pair 3' x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door		825.32		127.49
		For 8' Door Height, Add		136.88		
08 17 23 00-0085	Tempered Hardboard Faced (08 17 23 00-0064)					
08 17 23 00-0086	EA	2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door		323.63		67.81
		For 8' Door Height, Add		45.12		

08 Openings**08 10 Doors and Frames****08 17 Integrated Door Opening Assemblies**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 17 23 00-0087	EA	2'-6" x 7' x 1-3/4"	Prehung Hollow Core, Hardboard Faced Door <i>For 8' Door Height, Add</i>	328.87 46.38	67.81
08 17 23 00-0088	EA	2'-8" x 7' x 1-3/4"	Prehung Hollow Core, Hardboard Faced Door <i>For 8' Door Height, Add</i>	344.74 48.89	70.53
08 17 23 00-0089	EA	3' x 7' x 1-3/4"	Prehung Hollow Core, Hardboard Faced Door <i>For 8' Door Height, Add</i>	360.62 51.39	73.24
08 17 23 00-0090	EA	3'-4" x 7' x 1-3/4"	Prehung Hollow Core, Hardboard Faced Door <i>For 8' Door Height, Add</i>	372.54 54.25	73.24
08 17 23 00-0091	EA	3'-6" x 7' x 1-3/4"	Prehung Hollow Core, Hardboard Faced Door <i>For 8' Door Height, Add</i>	396.48 58.70	75.95
08 17 23 00-0092	EA	Pair 2' x 7' x 1-3/4"	Prehung Hollow Core, Hardboard Faced Door <i>For 8' Door Height, Add</i>	604.72 91.75	111.22
08 17 23 00-0093	EA	Pair 2'-6" x 7' x 1-3/4"	Prehung Hollow Core, Hardboard Faced Door <i>For 8' Door Height, Add</i>	625.18 92.76	119.36
08 17 23 00-0094	EA	Pair 3' x 7' x 1-3/4"	Prehung Hollow Core, Hardboard Faced Door <i>For 8' Door Height, Add</i>	683.27 102.79	127.49
08 17 23 00-0095	Solid Core Doors, 1-3/4" Thick (08 17 23 00-0001)				
08 17 23 00-0096	Birch Faced (08 17 23 00-0095)				
08 17 23 00-0097	EA	2'-0" Or 2'-4" x 7' x 1-3/4"	Prehung Solid Core, Birch Faced Door <i>For 8' Door Height, Add</i>	532.23 95.18	67.81
08 17 23 00-0098	EA	2'-6" x 7' x 1-3/4"	Prehung Solid Core, Birch Faced Door <i>For 8' Door Height, Add</i>	548.74 99.15	67.81
08 17 23 00-0099	EA	2'-8" x 7' x 1-3/4"	Prehung Solid Core, Birch Faced Door <i>For 8' Door Height, Add</i>	559.69 100.47	70.53
08 17 23 00-0100	EA	3' x 7' x 1-3/4"	Prehung Solid Core, Birch Faced Door <i>For 8' Door Height, Add</i>	581.63 104.44	73.24
08 17 23 00-0101	EA	3'-4" x 7' x 1-3/4"	Prehung Solid Core, Birch Faced Door <i>For 8' Door Height, Add</i>	629.50 115.92	73.24
08 17 23 00-0102	EA	3'-6" x 7' x 1-3/4"	Prehung Solid Core, Birch Faced Door <i>For 8' Door Height, Add</i>	683.26 127.53	75.95
08 17 23 00-0103	EA	Pair 2' x 7' x 1-3/4"	Prehung Solid Core, Birch Faced Door <i>For 8' Door Height, Add</i>	1,015.64 190.37	111.22
08 17 23 00-0104	EA	Pair 2'-6" x 7' x 1-3/4"	Prehung Solid Core, Birch Faced Door <i>For 8' Door Height, Add</i>	1,064.93 198.30	119.36
08 17 23 00-0105	EA	Pair 3' x 7' x 1-3/4"	Prehung Solid Core, Birch Faced Door <i>For 8' Door Height, Add</i>	1,125.29 208.87	127.49
08 17 23 00-0106	Lauan Faced (08 17 23 00-0095)				
08 17 23 00-0107	EA	2'-0" Or 2'-4" x 7' x 1-3/4"	Prehung Solid Core, Lauan Faced Door <i>For 8' Door Height, Add</i>	883.70 179.54	67.81
08 17 23 00-0108	EA	2'-6" x 7' x 1-3/4"	Prehung Solid Core, Lauan Faced Door <i>For 8' Door Height, Add</i>	885.87 180.06	67.81
08 17 23 00-0109	EA	2'-8" x 7' x 1-3/4"	Prehung Solid Core, Lauan Faced Door <i>For 8' Door Height, Add</i>	912.84 185.23	70.53
08 17 23 00-0110	EA	3' x 7' x 1-3/4"	Prehung Solid Core, Lauan Faced Door <i>For 8' Door Height, Add</i>	933.88 188.98	73.24
08 17 23 00-0111	EA	3'-4" x 7' x 1-3/4"	Prehung Solid Core, Lauan Faced Door <i>For 8' Door Height, Add</i>	1,005.05 206.06	73.24
08 17 23 00-0112	EA	3'-6" x 7' x 1-3/4"	Prehung Solid Core, Lauan Faced Door <i>For 8' Door Height, Add</i>	1,065.40 219.24	75.95
08 17 23 00-0113	EA	Pair 2' x 7' x 1-3/4"	Prehung Solid Core, Lauan Faced Door <i>For 8' Door Height, Add</i>	1,718.61 359.08	111.22
08 17 23 00-0114	EA	Pair 2'-6" x 7' x 1-3/4"	Prehung Solid Core, Lauan Faced Door <i>For 8' Door Height, Add</i>	1,739.19 360.12	119.36
08 17 23 00-0115	EA	Pair 3' x 7' x 1-3/4"	Prehung Solid Core, Lauan Faced Door <i>For 8' Door Height, Add</i>	1,829.79 377.95	127.49
08 17 23 00-0116	Tempered Hardboard Faced (08 17 23 00-0095)				
08 17 23 00-0117	EA	2'-0" Or 2'-4" x 7' x 1-3/4"	Prehung Solid Core, Hardboard Faced Door <i>For 8' Door Height, Add</i>	449.60 75.35	67.81
08 17 23 00-0118	EA	2'-6" x 7' x 1-3/4"	Prehung Solid Core, Hardboard Faced Door <i>For 8' Door Height, Add</i>	455.09 76.67	67.81
08 17 23 00-0119	EA	2'-8" x 7' x 1-3/4"	Prehung Solid Core, Hardboard Faced Door <i>For 8' Door Height, Add</i>	466.04 78.00	70.53
08 17 23 00-0120	EA	3' x 7' x 1-3/4"	Prehung Solid Core, Hardboard Faced Door <i>For 8' Door Height, Add</i>	482.49 80.64	73.24
08 17 23 00-0121	EA	3'-4" x 7' x 1-3/4"	Prehung Solid Core, Hardboard Faced Door <i>For 8' Door Height, Add</i>	507.14 86.56	73.24
08 17 23 00-0122	EA	3'-6" x 7' x 1-3/4"	Prehung Solid Core, Hardboard Faced Door <i>For 8' Door Height, Add</i>	535.66 92.10	75.95
08 17 23 00-0123	EA	Pair 2' x 7' x 1-3/4"	Prehung Solid Core, Hardboard Faced Door <i>For 8' Door Height, Add</i>	850.37 150.70	111.22
08 17 23 00-0124	EA	Pair 2'-6" x 7' x 1-3/4"	Prehung Solid Core, Hardboard Faced Door <i>For 8' Door Height, Add</i>	877.64 153.35	119.36
08 17 23 00-0125	EA	Pair 3' x 7' x 1-3/4"	Prehung Solid Core, Hardboard Faced Door <i>For 8' Door Height, Add</i>	927.00 161.28	127.49



Openings			08
Doors and Frames			08 10
Integrated Door Opening Assemblies			08 17

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST		UNIT COST
08 17 23 00-0126	Oak Or Maple Faced (08 17 23 00-0095)			
08 17 23 00-0127	EA 2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door.....	818.75		67.81
	For 8' Door Height, Add	163.95		
08 17 23 00-0128	EA 2'-6" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door.....	822.92		67.81
	For 8' Door Height, Add	164.95		
08 17 23 00-0129	EA 2'-8" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door.....	863.66		70.53
	For 8' Door Height, Add	173.42		
08 17 23 00-0130	EA 3' x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door.....	878.30		73.24
	For 8' Door Height, Add	175.64		
08 17 23 00-0131	EA 3'-4" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door.....	957.63		73.24
	For 8' Door Height, Add	194.68		
08 17 23 00-0132	EA 3'-6" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door.....	1,057.06		75.95
	For 8' Door Height, Add	217.24		
08 17 23 00-0133	EA Pair 2' x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door.....	1,588.70		111.22
	For 8' Door Height, Add	327.91		
08 17 23 00-0134	EA Pair 2'-6" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door.....	1,613.33		119.36
	For 8' Door Height, Add	329.91		
08 17 23 00-0135	EA Pair 3' x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door.....	1,718.64		127.49
	For 8' Door Height, Add	351.28		
08 17 23 00-0136	Walnut Faced (08 17 23 00-0095)			
08 17 23 00-0137	EA 2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door.....	1,032.10		67.81
	For 8' Door Height, Add	215.15		
08 17 23 00-0138	EA 2'-6" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door.....	1,069.37		67.81
	For 8' Door Height, Add	224.10		
08 17 23 00-0139	EA 2'-8" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door.....	1,087.28		70.53
	For 8' Door Height, Add	227.10		
08 17 23 00-0140	EA 3' x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door.....	1,130.04		73.24
	For 8' Door Height, Add	236.05		
08 17 23 00-0141	EA 3'-4" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door.....	1,238.25		73.24
	For 8' Door Height, Add	262.02		
08 17 23 00-0142	EA 3'-6" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door.....	1,352.94		75.95
	For 8' Door Height, Add	288.25		
08 17 23 00-0143	EA Pair 2' x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door.....	2,015.37		111.22
	For 8' Door Height, Add	430.30		
08 17 23 00-0144	EA Pair 2'-6" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door.....	2,106.18		119.36
	For 8' Door Height, Add	448.20		
08 17 23 00-0145	EA Pair 3' x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door.....	2,222.12		127.49
	For 8' Door Height, Add	472.11		
08 18	Glass Doors (08 10)			
08 18 16	Sliding Glass Doors (08 18)			
08 18 16 00-0001	Sliding Aluminum-Framed Glass Doors (08 18 16)			
08 18 16 00-0002	Residential Sliding Aluminum-Framed Glass Doors (08 18 16 00-0001)			
08 18 16 00-0003	5/8" Insulating Glass, Sliding Aluminum-Framed Glass Doors (08 18 16 00-0002)			
08 18 16 00-0004	SF Up To 6' Wide Sliding Glass Door 5/8" Insulated Glass With Frame, Trim, Hardware.....	43.39		4.88
	For Custom Quality, Add	7.62		
	For Tempered Glass, Add	1.42		
	For Anodized Or Colored Aluminum Frames, Add	5.48		
08 18 16 00-0005	SF >6' Up To 12' Wide Sliding Glass Door 5/8" Insulated Glass With Frame, Trim, Hardware.....	36.65		3.04
	For Custom Quality, Add	7.28		
	For Tempered Glass, Add	1.42		
	For Anodized Or Colored Aluminum Frames, Add	5.24		
08 18 16 00-0006	1" Insulating Glass, Sliding Aluminum-Framed Glass Doors (08 18 16 00-0002)			
08 18 16 00-0007	SF Up To 6' Wide Sliding Glass Door 1" Insulated Glass With Frame, Trim, Hardware.....	48.85		4.88
	For Custom Quality, Add	8.98		
	For Tempered Glass, Add	1.42		
	For Anodized Or Colored Aluminum Frames, Add	6.47		
08 18 16 00-0008	SF >6' Up To 12' Wide Sliding Glass Door 1" Insulated Glass With Frame, Trim, Hardware.....	42.03		3.04
	For Custom Quality, Add	8.63		
	For Tempered Glass, Add	1.42		
	For Anodized Or Colored Aluminum Frames, Add	6.21		
08 18 16 00-0009	Stanley Manual Slide Doors (08 18 16 00-0001)			
08 18 16 00-0010	EA Single Slide, Dura Care 7000 Track/Trackless All Panel, Swing Out, Stanley Manual Slide Door.....	3,813.68		
	Note: Patient bays, ICU room, ER, and patient consult applications.			
	For Special Finish, Add	1,204.32		
	For Positive Latch, Add	602.16		
	For Smoke And Draft UL1784, Add	501.80		
	For Aluminum Transom, Add	702.52		
	For Added Panel, Add	1,304.68		

08 Openings**08 10 Doors and Frames****08 18 Glass Doors**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 18 16 00-0011	EA	Single Slide, Dura Care 7200 Track/Trackless Slide Panel, Swing Out, Stanley Manual Slide Door	3,813.68	
		Note: Patient bays, ICU room, ER, and patient consult applications.		
		For Special Finish, Add	1,204.32	
		For Positive Latch, Add	602.16	
		For Smoke And Draft UL1784, Add	501.80	
		For Aluminum Transom, Add	702.52	
		For Added Panel, Add	1,304.68	
08 18 16 00-0012	EA	Single Slide, Dura Care 7200TL/FBO Trackless Lead Panel Slide Or All Panel Slide, Stanley Manual Slide Door	4,516.20	
		Note: Patient bays, ICU room, ER, patient consult, smoke barriers, latching, and closing applications.		
		For Special Finish, Add	1,204.32	
		For Positive Latch, Add	602.16	
		For Smoke And Draft UL1784, Add	501.80	
		For Aluminum Transom, Add	702.52	
08 18 16 00-0013	EA	Single Slide, Dura Care 7300TL/FBO Trackless All Panel, Swing Out, Stanley Manual Slide Door	4,516.20	
		Note: Patient bays, ICU room, ER, patient consult, smoke barriers, latching, and closing applications.		
		For Special Finish, Add	1,204.32	
		For Positive Latch, Add	602.16	
		For Smoke And Draft UL1784, Add	501.80	
		For Aluminum Transom, Add	702.52	
		For Self Closing, Add	1,003.60	
08 18 16 00-0014	EA	Single Slide, Dura Care 7500 Track/Trackless Lead Panel, Swing Out, Stanley Manual Slide Door	5,720.52	
		Note: Patient bays, ICU room, ER, patient consult, smoke barriers, latching, and closing applications.		
		For Special Finish, Add	1,204.32	
		For Positive Latch, Add	602.16	
		For Smoke And Draft UL1784, Add	501.80	
		For Aluminum Transom, Add	702.52	
		For Added Panel, Add	1,304.68	
08 18 16 00-0015	EA	Single Slide, Dura Care 7500TL/FBO Trackless All Panel, Swing Out, Stanley Manual Slide Door	5,921.24	
		Note: Patient bays, ICU room, ER, patient consult, smoke barriers, latching, and closing applications.		
		For Special Finish, Add	1,204.32	
		For Positive Latch, Add	602.16	
		For Smoke And Draft UL1784, Add	501.80	
		For Aluminum Transom, Add	702.52	
		For Added Panel, Add	1,304.68	
08 18 16 00-0016	EA	Single Slide, Dura Care 7400 Swing ICU Trackless, Stanley Manual Slide Door	4,817.28	
		Note: Patient bays, ICU room, ER, patient consult, smoke barriers, latching, and closing applications.		
		For Special Finish, Add	1,103.96	
		For Positive Latch, Add	602.16	
		For Smoke And Draft UL1784, Add	351.26	
		For Aluminum Transom, Add	702.52	
08 18 16 00-0017	EA	Bi Part Slide, Dura Care 7000 Track/Trackless All Panel, Swing Out, Stanley Manual Slide Door	4,616.56	
		Note: Patient bays, ICU room, ER, and patient consult applications.		
		For Special Finish, Add	2,207.92	
		For Positive Latch, Add	602.16	
		For Smoke And Draft UL1784, Add	501.80	
		For Aluminum Transom, Add	702.52	
		For Added Panel, Add	1,304.68	
08 18 16 00-0018	EA	Bi Part Slide, Dura Care 7200 Track/Trackless Slide Panel, Swing Out, Stanley Manual Slide Door	4,616.56	
		Note: Patient bays, ICU room, ER, and patient consult applications.		
		For Special Finish, Add	2,207.92	
		For Positive Latch, Add	602.16	
		For Smoke And Draft UL1784, Add	501.80	
		For Aluminum Transom, Add	702.52	
		For Added Panel, Add	1,304.68	
08 18 16 00-0019	EA	Bi Part Slide, Dura Care 7500 Track/Trackless Lead Panel, Swing Out, Stanley Manual Slide Door	7,527.00	
		Note: Patient bays, ICU room, ER, patient consult, smoke barriers, latching, and closing applications.		
		For Special Finish, Add	2,207.92	
		For Positive Latch, Add	602.16	
		For Smoke And Draft UL1784, Add	501.80	
		For Aluminum Transom, Add	702.52	
		For Added Panel, Add	1,304.68	
08 18 16 00-0020	EA	Bi Part Slide, Dura Care 7500TL/FBO Trackless All Panel, Swing Out, Stanley Manual Slide Door	7,828.08	
		Note: Patient bays, ICU room, ER, patient consult, smoke barriers, latching, and closing applications.		
		For Special Finish, Add	2,207.92	
		For Positive Latch, Add	602.16	
		For Smoke And Draft UL1784, Add	501.80	
		For Aluminum Transom, Add	702.52	
		For Added Panel, Add	1,304.68	
08 18 16 00-0021	EA	Bi Part Slide, Dura Care 7400 Swing ICU Trackless, Stanley Manual Slide Door	6,423.04	
		Note: Patient bays, ICU room, ER, patient consult, smoke barriers, latching, and closing applications.		
		For Positive Latch, Add	602.16	
		For Smoke And Draft UL1784, Add	351.26	
		For Aluminum Transom, Add	702.52	
08 18 16 00-0022	EA	Bi Part Slide, Dura Care 7600 Split Fold, Stanley Manual Door	7,145.63	
		Note: Patient bays, ICU room, ER, patient consult, latching, and closing applications.		
		For Special Finish, Add	2,207.92	
		For Positive Latch, Add	2,408.64	
		For Smoke And Draft UL1784, Add	1,103.96	
		For Aluminum Transom, Add	702.52	

08 18 16 00-0023 Sliding Plastic-Framed Glass Doors (08 18 16)

08 18 16 00-0024 Sliding Vinyl-Framed Glass Doors (08 18 16 00-0023)



		Openings	08	08
		Doors and Frames	08 10	
		Glass Doors	08 18	

MINOR		TOTAL DIRECT		DEMOLITION
CSI UOM DESCRIPTION		UNIT COST		UNIT COST
08 18 16 00-0025	Vinyl Sliding Glass Doors (Pella Vinyl 10 Series) ^(08 18 16 00-0024) Note: Includes white solid vinyl interior and exterior, standard hardware and tempered clear insulated glass. Excludes grilles and insect screens.			
08 18 16 00-0026	EA 5' x 6' 8", Vinyl Sliding Glass Door (Pella Vinyl 10 Series).....	1,846.73		81.38
	For Insect Screen, Add	294.70		
	For Grilles Between The Glass, Add	370.48		
	For Low-E Tempered Insulated Glass, Add	757.79		
08 18 16 00-0027	EA 6' x 6' 8", Vinyl Sliding Glass Door (Pella Vinyl 10 Series).....	1,916.05		86.81
	For Insect Screen, Add	304.93		
	For Grilles Between The Glass, Add	383.34		
	For Low-E Tempered Insulated Glass, Add	784.10		
08 18 16 00-0028	Sliding Wood-Framed Glass Doors ^(08 18 16)			
08 18 16 00-0029	Residential Wood Sliding Doors With 5/8" Glass ^(08 18 16 00-0028)			
08 18 16 00-0030	EA 6' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Frame, Trim, Hardware	1,890.05		146.48
08 18 16 00-0031	EA 8' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Frame, Trim, Hardware	2,307.39		179.03
08 18 16 00-0032	EA 9' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Frame, Trim, Hardware	2,666.13		206.15
08 18 16 00-0033	EA 6' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Grille, Frame, Trim, Hardware	2,075.88		146.48
08 18 16 00-0034	EA 8' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Grille, Frame, Trim, Hardware	2,547.40		179.03
08 18 16 00-0035	EA 9' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Grille, Frame, Trim, Hardware	2,963.16		206.15
08 18 16 00-0036	Wood Clad Sliding Glass Doors ^(08 18 16 00-0028)			
08 18 16 00-0037	Wood Clad Sliding Glass Doors (Andersen 200 Series Perma-Shield) ^(08 18 16 00-0036) Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and tempered clear insulated glass. Excludes grilles and insect screens.			
08 18 16 00-0038	EA 5' x 6' 8", Wood Clad Sliding Glass Door (Andersen 200 Series Perma-Shield).....	1,446.35		81.38
	For Insect Screen, Add	128.36		
	For Grilles Between The Glass, Add	154.03		
	For Low-E Tempered Insulated Glass, Add	320.90		
08 18 16 00-0039	EA 6' x 6' 8", Wood Clad Sliding Glass Door (Andersen 200 Series Perma-Shield).....	1,622.64		86.81
	For Insect Screen, Add	144.90		
	For Grilles Between The Glass, Add	173.88		
	For Low-E Tempered Insulated Glass, Add	362.26		
08 18 16 00-0040	EA 6' x 6' 10", Wood Clad Sliding Glass Door (Andersen 200 Series Perma-Shield).....	1,715.07		89.51
	For Insect Screen, Add	153.60		
	For Grilles Between The Glass, Add	184.32		
	For Low-E Tempered Insulated Glass, Add	384.01		
08 18 16 00-0041	EA 8' x 6' 10", Wood Clad Sliding Glass Door (Andersen 200 Series Perma-Shield).....	2,091.92		100.36
	For Insect Screen, Add	189.12		
	For Grilles Between The Glass, Add	226.94		
	For Low-E Tempered Insulated Glass, Add	472.80		
08 18 16 00-0042	EA 6' x 8", Wood Clad Sliding Glass Door (Andersen 200 Series Perma-Shield).....	2,031.02		94.94
	For Insect Screen, Add	184.11		
	For Grilles Between The Glass, Add	220.94		
	For Low-E Tempered Insulated Glass, Add	460.29		
08 18 16 00-0043	EA 8' x 8", Wood Clad Sliding Glass Door (Andersen 200 Series Perma-Shield).....	2,386.13		105.79
	For Insect Screen, Add	217.46		
	For Grilles Between The Glass, Add	260.95		
	For Low-E Tempered Insulated Glass, Add	543.64		
08 18 16 00-0044	Wood Clad Sliding Glass Doors (Andersen 400 Series Frenchwood) ^(08 18 16 00-0036) Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and tempered Low-E insulated glass. Excludes grilles and insect screens.			
08 18 16 00-0045	EA 5' x 6' 8", Wood Clad Sliding Glass Door (Andersen 400 Series Frenchwood).....	2,684.00		81.38
	For Insect Screen, Add	252.13		
	For Grilles Between The Glass, Add	302.55		
	For Low-E Tempered Insulated Glass, Add	630.31		
08 18 16 00-0046	EA 6' x 6' 8", Wood Clad Sliding Glass Door (Andersen 400 Series Frenchwood).....	2,983.71		86.81
	For Insect Screen, Add	281.01		
	For Grilles Between The Glass, Add	337.21		
	For Low-E Tempered Insulated Glass, Add	702.53		
08 18 16 00-0047	EA 8' x 6' 8", Wood Clad Sliding Glass Door (Andersen 400 Series Frenchwood).....	3,581.34		97.65
	For Insect Screen, Add	338.60		
	For Grilles Between The Glass, Add	406.32		
	For Low-E Tempered Insulated Glass, Add	846.51		
08 18 16 00-0048	EA 5' x 6' 10", Wood Clad Sliding Glass Door (Andersen 400 Series Frenchwood).....	2,810.68		84.09
	For Insect Screen, Add	264.25		
	For Grilles Between The Glass, Add	317.10		
	For Low-E Tempered Insulated Glass, Add	660.63		
08 18 16 00-0049	EA 6' x 6' 10", Wood Clad Sliding Glass Door (Andersen 400 Series Frenchwood).....	3,075.22		89.51
	For Insect Screen, Add	289.62		
	For Grilles Between The Glass, Add	347.54		
	For Low-E Tempered Insulated Glass, Add	724.05		
08 18 16 00-0050	EA 8' x 6' 10", Wood Clad Sliding Glass Door (Andersen 400 Series Frenchwood).....	3,711.14		100.36
	For Insect Screen, Add	351.04		
	For Grilles Between The Glass, Add	421.25		
	For Low-E Tempered Insulated Glass, Add	877.60		

08 Openings**08 10 Doors and Frames****08 18 Glass Doors**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 18 16 00-0051 EA 5' x 8', Wood Clad Sliding Glass Door (Andersen 400 Series Frenchwood).....	3,383.18	89.51
For Insect Screen, Add	320.42	
For Grilles Between The Glass, Add	384.50	
For Low-E Tempered Insulated Glass, Add	801.04	
08 18 16 00-0052 EA 6' x 8', Wood Clad Sliding Glass Door (Andersen 400 Series Frenchwood).....	3,682.89	94.94
For Insect Screen, Add	349.30	
For Grilles Between The Glass, Add	419.16	
For Low-E Tempered Insulated Glass, Add	873.25	
08 18 16 00-0053 EA 8' x 8', Wood Clad Sliding Glass Door (Andersen 400 Series Frenchwood).....	4,278.74	105.79
For Insect Screen, Add	406.72	
For Grilles Between The Glass, Add	488.06	
For Low-E Tempered Insulated Glass, Add	1,016.79	

08 30 Specialty Doors and Frames (08)

Note: Includes caulk, sealant and mounting anchors.

08 31 Access Doors and Panels (08 30)

See CSI section 07 72 33 00-0000 for roof hatches, 23 33 33 00-0000 for duct-mounted access doors.

08 31 13 Access Doors and Frames (08 31)**08 31 13 00-0001 Stainless Steel Access Doors** (08 31 13)**08 31 13 00-0002 Fire Rated Stainless Steel Access Doors** (08 31 13 00-0001)

08 31 13 00-0003 EA 12" x 12" Fire Rated Stainless Steel Access Door With Cam Latch	458.05	57.84
08 31 13 00-0004 EA 12" x 18" Fire Rated Stainless Steel Access Door With Cam Latch	533.92	61.62
08 31 13 00-0005 EA 18" x 18" Fire Rated Stainless Steel Access Door With Cam Latch	624.42	65.17
08 31 13 00-0006 EA 24" x 18" Fire Rated Stainless Steel Access Door With Cam Latch	721.75	68.48
08 31 13 00-0007 EA 24" x 24" Fire Rated Stainless Steel Access Door With Cam Latch	738.54	68.83
08 31 13 00-0008 EA 24" x 36" Fire Rated Stainless Steel Access Door With Cam Latch	955.68	70.97

08 31 13 00-0009 Stainless Steel Access Doors (08 31 13 00-0001)

08 31 13 00-0010 EA 8" x 8" Stainless Steel Access Door With Cam Latch	179.45	44.35
08 31 13 00-0011 EA 12" x 12" Stainless Steel Access Door With Cam Latch	215.37	57.84
08 31 13 00-0012 EA 12" x 18" Stainless Steel Access Door With Cam Latch	309.22	61.62
08 31 13 00-0013 EA 18" x 18" Stainless Steel Access Door With Cam Latch	332.02	65.17
08 31 13 00-0014 EA 24" x 18" Stainless Steel Access Door With Cam Latch	386.31	68.48
08 31 13 00-0015 EA 24" x 24" Stainless Steel Access Door With Cam Latch	441.40	68.83

08 31 13 00-0016 Steel Access Doors (08 31 13)

Note: Includes paintable powder coated finish.

08 31 13 00-0017 Insulated Fire Rated Steel Access Doors (08 31 13 00-0016)

08 31 13 00-0018 EA 12" x 12" Insulated Fire Rated Steel Access Door With Cam Latch	283.70	58.19
08 31 13 00-0019 EA 12" x 18" Insulated Fire Rated Steel Access Door With Cam Latch	352.09	61.62
08 31 13 00-0020 EA 18" x 18" Insulated Fire Rated Steel Access Door With Cam Latch	351.57	65.17
08 31 13 00-0021 EA 24" x 18" Insulated Fire Rated Steel Access Door With Cam Latch	418.25	68.83
08 31 13 00-0022 EA 24" x 24" Insulated Fire Rated Steel Access Door With Cam Latch	437.43	68.83
08 31 13 00-0023 EA 24" x 36" Insulated Fire Rated Steel Access Door With Cam Latch	576.76	70.97
08 31 13 00-0024 EA 24" x 48" Insulated Fire Rated Steel Access Door With Cam Latch	665.82	73.92
08 31 13 00-0025 EA 36" x 36" Insulated Fire Rated Steel Access Door With Cam Latch	824.62	73.92
08 31 13 00-0026 EA 48" x 48" Insulated Fire Rated Steel Access Door With Cam Latch	1,058.77	88.70

08 31 13 00-0027 Steel Access Doors (08 31 13 00-0016)

08 31 13 00-0028 EA 8" x 8" Steel Access Door With Cam Latch	143.44	44.59
08 31 13 00-0029 EA 12" x 12" Steel Access Door With Cam Latch	153.66	58.19
08 31 13 00-0030 EA 12" x 18" Steel Access Door With Cam Latch	177.30	61.62
08 31 13 00-0031 EA 18" x 18" Steel Access Door With Cam Latch	182.12	65.17
08 31 13 00-0032 EA 24" x 18" Steel Access Door With Cam Latch	216.82	68.83
08 31 13 00-0033 EA 24" x 24" Steel Access Door With Cam Latch	222.11	68.83
08 31 13 00-0034 EA 24" x 36" Steel Access Door With Cam Latch	287.93	70.97
08 31 13 00-0035 EA 36" x 36" Steel Access Door With Cam Latch	382.15	73.92

08 31 13 00-0036 Fiberglass Reinforced Polyester (FRP) Access Doors (08 31 13)

08 31 13 00-0037 EA 8" x 8" Fiberglass Reinforced Polyester (FRP) Access Door With Lock	176.59	44.35
08 31 13 00-0038 EA 12" x 12" Fiberglass Reinforced Polyester (FRP) Access Door With Lock	195.48	47.31
08 31 13 00-0039 EA 12" x 18" Fiberglass Reinforced Polyester (FRP) Access Door With Lock	241.47	50.26
08 31 13 00-0040 EA 18" x 18" Fiberglass Reinforced Polyester (FRP) Access Door With Lock	287.28	53.22
08 31 13 00-0041 EA 24" x 18" Fiberglass Reinforced Polyester (FRP) Access Door With Lock	336.22	55.94
08 31 13 00-0042 EA 24" x 24" Fiberglass Reinforced Polyester (FRP) Access Door With Lock	360.69	56.18

08 31 13 00-0043 Steel Recessed Access Doors For Drywall Application (08 31 13)

Note: Includes paintable powder coated finish.

08 31 13 00-0044 EA 8" x 8" Recessed Steel Access Door With Cam Latch	207.00	44.35
For Recessed Doors In Acoustical Tile, Add	17.74	



		Openings	08	08
		Specialty Doors and Frames	08 30	
		Access Doors and Panels	08 31	

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST		
08 31 13 00-0045	EA 12" x 12" Recessed Steel Access Door With Cam Latch..... For Recessed Doors In Acoustical Tile, Add	216.53 19.79		47.54	
08 31 13 00-0046	EA 12" x 18" Recessed Steel Access Door With Cam Latch..... For Recessed Doors In Acoustical Tile, Add	232.80 20.39		50.26	
08 31 13 00-0047	EA 18" x 18" Recessed Steel Access Door With Cam Latch..... For Recessed Doors In Acoustical Tile, Add	273.77 17.48		53.22	
08 31 13 00-0048	EA 24" x 18" Recessed Steel Access Door With Cam Latch..... For Recessed Doors In Acoustical Tile, Add	288.03 18.60		56.18	
08 31 13 00-0049	EA 24" x 24" Recessed Steel Access Door With Cam Latch..... For Recessed Doors In Acoustical Tile, Add	315.94 14.42		56.18	
08 31 13 00-0050	EA 24" x 36" Recessed Steel Access Door With Cam Latch..... For Recessed Doors In Acoustical Tile, Add	393.44 19.04		70.97	
08 31 13 00-0051	EA 36" x 36" Recessed Steel Access Door With Cam Latch..... For Recessed Doors In Acoustical Tile, Add	565.05 -3.45		73.92	
08 31 13 00-0052	Steel Crawl Space Doors And Frames (08 31 13) Note: Includes paintable powder coated finish.				
08 31 13 00-0053	EA 24" x 24" Steel Crawl Space Door With Cam Latch.....	237.52		74.86	
08 31 13 00-0054	EA 30" x 24" Steel Crawl Space Door With Cam Latch.....	334.98		90.72	
08 31 13 00-0055	EA 30" x 30" Steel Crawl Space Door With Cam Latch.....	375.68		98.52	
08 33	Coiling Doors and Grilles (08 30)				
08 33 13	Coiling Counter Doors (08 33)				
08 33 13 00-0001	Overhead Rolling Counter Doors (08 33 13)				
08 33 13 00-0002	Galvanized Steel Overhead Rolling Counter Doors (08 33 13 00-0001) Note: Includes necessary anchors, track and hardware. Includes galvanized steel primed with choice of baked-on polyester topcoat finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.				
08 33 13 00-0003	EA 4' x 4', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650)..... For Motor Operator (With Safety Reverse), Add	6,364.15 758.35		433.40	
08 33 13 00-0004	EA 6' x 4', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650)..... For Motor Operator (With Safety Reverse), Add	6,684.19 758.35		433.40	
08 33 13 00-0005	EA 8' x 4', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650)..... For Motor Operator (With Safety Reverse), Add	7,218.87 763.81		460.49	
08 33 13 00-0006	EA 10' x 4', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650)..... For Motor Operator (With Safety Reverse), Add	7,748.42 784.76		541.74	
08 33 13 00-0007	EA 4' x 6', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650)..... For Motor Operator (With Safety Reverse), Add	7,804.33 758.35		433.40	
08 33 13 00-0008	EA 6' x 6', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650)..... For Motor Operator (With Safety Reverse), Add	8,164.74 770.39		481.50	
08 33 13 00-0009	EA 8' x 6', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650)..... For Motor Operator (With Safety Reverse), Add	8,372.91 775.20		500.79	
08 33 13 00-0010	EA 10' x 6', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650)..... For Motor Operator (With Safety Reverse), Add	8,875.30 785.44		541.74	
08 33 13 00-0011	Stainless Steel Overhead Rolling Counter Doors (08 33 13 00-0001) Note: Includes necessary anchors, track and hardware. Includes No. 4 stainless steel finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.				
08 33 13 00-0012	EA 4' x 4', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651)..... For Motor Operator (With Safety Reverse), Add	7,164.25 758.35		433.40	
08 33 13 00-0013	EA 6' x 4', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651)..... For Motor Operator (With Safety Reverse), Add	8,044.36 758.35		433.40	
08 33 13 00-0014	EA 8' x 4', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651)..... For Motor Operator (With Safety Reverse), Add	8,259.00 763.81		460.49	
08 33 13 00-0015	EA 10' x 4', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651)..... For Motor Operator (With Safety Reverse), Add	10,068.71 784.76		541.74	
08 33 13 00-0016	EA 4' x 6', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651)..... For Motor Operator (With Safety Reverse), Add	8,604.43 758.35		433.40	
08 33 13 00-0017	EA 6' x 6', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651)..... For Motor Operator (With Safety Reverse), Add	8,884.83 770.39		481.50	
08 33 13 00-0018	EA 8' x 6', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651)..... For Motor Operator (With Safety Reverse), Add	9,093.00 775.20		500.79	
08 33 13 00-0019	EA 10' x 6', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651)..... For Motor Operator (With Safety Reverse), Add	11,595.64 785.44		541.74	
08 33 13 00-0020	Aluminum Overhead Rolling Counter Doors (08 33 13 00-0001) Note: Includes necessary anchors, track and hardware. Includes clear anodized aluminum finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.				
08 33 13 00-0021	EA 4' x 4', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652)..... For Motor Operator (With Safety Reverse), Add	7,004.23 758.35		433.40	
08 33 13 00-0022	EA 6' x 4', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652)..... For Motor Operator (With Safety Reverse), Add	7,324.27 758.35		433.40	
08 33 13 00-0023	EA 8' x 4', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652)..... For Motor Operator (With Safety Reverse), Add	8,178.99 763.81		460.49	
08 33 13 00-0024	EA 10' x 4', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652)..... For Motor Operator (With Safety Reverse), Add	9,668.66 784.76		541.74	

08 Openings**08 30 Specialty Doors and Frames****08 33 Coiling Doors and Grilles**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 13 00-0025	EA		4' x 6', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652) <i>For Motor Operator (With Safety Reverse), Add</i>	8,444.41 758.35	433.40
08 33 13 00-0026	EA		6' x 6', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652) <i>For Motor Operator (With Safety Reverse), Add</i>	8,804.82 770.39	481.50
08 33 13 00-0027	EA		8' x 6', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652) <i>For Motor Operator (With Safety Reverse), Add</i>	9,053.00 775.20	500.79
08 33 13 00-0028	EA		10' x 6', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652) <i>For Motor Operator (With Safety Reverse), Add</i>	11,435.62 785.44	541.74
08 33 13 00-0029			Galvanized Steel Overhead Rolling Counter Fire Doors (08 33 13 00-0001) Note: Includes necessary anchors, track and hardware. Includes galvanized steel primed with choice of baked-on polyester top coat finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.		
08 33 13 00-0030	EA		4' x 4', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640) <i>For Motor Operator (With Safety Reverse), Add</i>	8,284.39 758.35	433.40
08 33 13 00-0031	EA		6' x 4', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640) <i>For Motor Operator (With Safety Reverse), Add</i>	8,764.45 758.35	433.40
08 33 13 00-0032	EA		8' x 4', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640) <i>For Motor Operator (With Safety Reverse), Add</i>	9,459.15 763.81	460.49
08 33 13 00-0033	EA		10' x 4', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640) <i>For Motor Operator (With Safety Reverse), Add</i>	10,148.72 784.76	541.74
08 33 13 00-0034	EA		4' x 6', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640) <i>For Motor Operator (With Safety Reverse), Add</i>	9,244.51 758.35	433.40
08 33 13 00-0035	EA		6' x 6', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640) <i>For Motor Operator (With Safety Reverse), Add</i>	9,684.93 770.39	481.50
08 33 13 00-0036	EA		8' x 6', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640) <i>For Motor Operator (With Safety Reverse), Add</i>	10,053.12 775.20	500.79
08 33 13 00-0037	EA		10' x 6', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640) <i>For Motor Operator (With Safety Reverse), Add</i>	10,315.48 785.44	541.74
08 33 13 00-0038			Stainless Steel Overhead Rolling Counter Fire Doors (08 33 13 00-0001) Note: Includes necessary anchors, track and hardware. Includes No. 4 stainless steel finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.		
08 33 13 00-0039	EA		4' x 4', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641) <i>For Motor Operator (With Safety Reverse), Add</i>	9,404.53 758.35	433.40
08 33 13 00-0040	EA		6' x 4', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641) <i>For Motor Operator (With Safety Reverse), Add</i>	10,684.69 758.35	433.40
08 33 13 00-0041	EA		8' x 4', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641) <i>For Motor Operator (With Safety Reverse), Add</i>	10,899.33 763.81	460.49
08 33 13 00-0042	EA		10' x 4', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641) <i>For Motor Operator (With Safety Reverse), Add</i>	13,349.12 784.76	541.74
08 33 13 00-0043	EA		4' x 6', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641) <i>For Motor Operator (With Safety Reverse), Add</i>	10,204.63 758.35	433.40
08 33 13 00-0044	EA		6' x 6', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641) <i>For Motor Operator (With Safety Reverse), Add</i>	10,565.04 770.39	481.50
08 33 13 00-0045	EA		8' x 6', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641) <i>For Motor Operator (With Safety Reverse), Add</i>	10,933.23 775.20	500.79
08 33 13 00-0046	EA		10' x 6', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641) <i>For Motor Operator (With Safety Reverse), Add</i>	13,515.88 785.44	541.74
08 33 13 00-0047			Integral Frame And Sill, Overhead Rolling Counter Doors (08 33 13)		
08 33 13 00-0048			Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill (08 33 13 00-0047) Note: Includes necessary anchors, track and hardware. Stainless surfaces feature a standard No. 4 finish, aluminum slats are finished with clear anodized finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.		
08 33 13 00-0049	EA		4' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655) <i>For Motor Operator (With Safety Reverse), Add</i>	13,565.05 758.35	433.40
08 33 13 00-0050	EA		6' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655) <i>For Motor Operator (With Safety Reverse), Add</i>	13,885.09 758.35	433.40
08 33 13 00-0051	EA		8' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655) <i>For Motor Operator (With Safety Reverse), Add</i>	20,330.05 763.81	460.49
08 33 13 00-0052	EA		10' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655) <i>For Motor Operator (With Safety Reverse), Add</i>	14,789.30 784.76	541.74
08 33 13 00-0053	EA		4' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655) <i>For Motor Operator (With Safety Reverse), Add</i>	14,045.11 758.35	433.40



Openings		08	08
Specialty Doors and Frames		08 30	
Coiling Doors and Grilles		08 33	

MINOR CSI UOM DESCRIPTION		TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 13 00-0054	EA 6' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655)..... <i>For Motor Operator (With Safety Reverse), Add</i>	14,485.53 770.39	481.50
08 33 13 00-0055	EA 8' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655)..... <i>For Motor Operator (With Safety Reverse), Add</i>	14,853.72 775.20	500.79
08 33 13 00-0056	EA 10' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655)..... <i>For Motor Operator (With Safety Reverse), Add</i>	16,556.26 785.44	541.74
08 33 13 00-0057	Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Frame and Stainless Steel Sill (08 33 13 00-0047) Note: Includes necessary anchors, track and hardware. Galvanized steel surfaces feature a baked-on primer coat to enhance overall durability and minimize field painting. Stainless surfaces feature a standard No. 4 finish, aluminum slats are finished with clear anodized finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.		
08 33 13 00-0058	EA 4' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656) <i>For Motor Operator (With Safety Reverse), Add</i>	11,964.85 758.35	433.40
08 33 13 00-0059	EA 6' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656) <i>For Motor Operator (With Safety Reverse), Add</i>	12,284.89 758.35	433.40
08 33 13 00-0060	EA 8' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656) <i>For Motor Operator (With Safety Reverse), Add</i>	12,659.55 763.81	460.49
08 33 13 00-0061	EA 10' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656) <i>For Motor Operator (With Safety Reverse), Add</i>	13,189.10 784.76	541.74
08 33 13 00-0062	EA 4' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656) <i>For Motor Operator (With Safety Reverse), Add</i>	13,405.03 758.35	433.40
08 33 13 00-0063	EA 6' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656) <i>For Motor Operator (With Safety Reverse), Add</i>	13,845.45 770.39	481.50
08 33 13 00-0064	EA 8' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656) <i>For Motor Operator (With Safety Reverse), Add</i>	14,373.66 775.20	500.79
08 33 13 00-0065	EA 10' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656) <i>For Motor Operator (With Safety Reverse), Add</i>	14,796.04 785.44	541.74
08 33 13 00-0066	Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill (08 33 13 00-0047) Note: Includes necessary anchors, track and hardware. Stainless surfaces feature a standard No. 4 finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.		
08 33 13 00-0067	EA 4' x 4', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657) <i>For Motor Operator (With Safety Reverse), Add</i>	18,685.69 758.35	433.40
08 33 13 00-0068	EA 6' x 4', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657) <i>For Motor Operator (With Safety Reverse), Add</i>	20,285.89 758.35	433.40
08 33 13 00-0069	EA 8' x 4', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657) <i>For Motor Operator (With Safety Reverse), Add</i>	23,540.91 763.81	460.49
08 33 13 00-0070	EA 10' x 4', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657) <i>For Motor Operator (With Safety Reverse), Add</i>	25,350.62 784.76	541.74
08 33 13 00-0071	EA 4' x 6', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657) <i>For Motor Operator (With Safety Reverse), Add</i>	21,085.99 758.35	433.40
08 33 13 00-0072	EA 6' x 6', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657) <i>For Motor Operator (With Safety Reverse), Add</i>	22,806.57 770.39	481.50
08 33 13 00-0073	EA 8' x 6', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657) <i>For Motor Operator (With Safety Reverse), Add</i>	25,255.02 775.20	500.79
08 33 13 00-0074	EA 10' x 6', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657) <i>For Motor Operator (With Safety Reverse), Add</i>	28,557.76 785.44	541.74
08 33 13 00-0075	Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Frame and Stainless Steel Sill (08 33 13 00-0047) Note: Includes necessary anchors, track and hardware. Galvanized steel surfaces feature a baked-on primer coat to enhance overall durability and minimize field painting. Stainless surfaces feature a standard No. 4 finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.		
08 33 13 00-0076	EA 4' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658) <i>For Motor Operator (With Safety Reverse), Add</i>	15,805.33 758.35	433.40

08 Openings**08 30 Specialty Doors and Frames****08 33 Coiling Doors and Grilles**

MINOR CSI UOM DESCRIPTION			TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 13 00-0077	EA	6' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658).....	16,125.37	433.40
		<i>For Motor Operator (With Safety Reverse), Add</i>	758.35	
08 33 13 00-0078	EA	8' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658).....	16,820.07	460.49
		<i>For Motor Operator (With Safety Reverse), Add</i>	763.81	
08 33 13 00-0079	EA	10' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658).....	18,149.72	541.74
		<i>For Motor Operator (With Safety Reverse), Add</i>	784.76	
08 33 13 00-0080	EA	4' x 6', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658).....	16,765.45	433.40
		<i>For Motor Operator (With Safety Reverse), Add</i>	758.35	
08 33 13 00-0081	EA	6' x 6', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658).....	17,845.95	481.50
		<i>For Motor Operator (With Safety Reverse), Add</i>	770.39	
08 33 13 00-0082	EA	8' x 6', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658).....	18,854.22	500.79
		<i>For Motor Operator (With Safety Reverse), Add</i>	775.20	
08 33 13 00-0083	EA	10' x 6', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658).....	22,156.96	541.74
		<i>For Motor Operator (With Safety Reverse), Add</i>	785.44	
08 33 13 00-0084 Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood (08 33 13 00-0047)				
Note: Includes necessary anchors, track and hardware. Stainless surfaces feature a standard No. 4 finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.				
08 33 13 00-0085	EA	4' x 4', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 660).....	22,686.19	433.40
		<i>For Motor Operator (With Safety Reverse), Add</i>	758.35	
08 33 13 00-0086	EA	6' x 4', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 660).....	23,486.29	433.40
		<i>For Motor Operator (With Safety Reverse), Add</i>	758.35	
08 33 13 00-0087	EA	8' x 4', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 660).....	26,741.31	460.49
		<i>For Motor Operator (With Safety Reverse), Add</i>	763.81	
08 33 13 00-0088 Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Galvanized Steel Frame and Hood (08 33 13 00-0047)				
Note: Includes necessary anchors, track and hardware. Galvanized steel surfaces feature a baked-on primer coat to enhance overall durability and minimize field painting. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.				
08 33 13 00-0089	EA	4' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Galvanized Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 661).....	17,085.49	433.40
		<i>For Motor Operator (With Safety Reverse), Add</i>	758.35	
08 33 13 00-0090	EA	6' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Galvanized Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 661).....	23,486.29	433.40
		<i>For Motor Operator (With Safety Reverse), Add</i>	758.35	
08 33 13 00-0091	EA	8' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Galvanized Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 661).....	26,741.31	460.49
		<i>For Motor Operator (With Safety Reverse), Add</i>	763.81	
08 33 13 00-0092 Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood (08 33 13 00-0047)				
Note: Includes necessary anchors, track and hardware. Galvanized steel surfaces feature a baked-on primer coat to enhance overall durability and minimize field painting. Stainless surfaces feature a standard No. 4 finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.				
08 33 13 00-0093	EA	4' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 662).....	14,845.21	433.40
		<i>For Motor Operator (With Safety Reverse), Add</i>	758.35	
08 33 13 00-0094	EA	6' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 662).....	16,765.45	433.40
		<i>For Motor Operator (With Safety Reverse), Add</i>	758.35	
08 33 13 00-0095	EA	8' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 662).....	17,940.21	460.49
		<i>For Motor Operator (With Safety Reverse), Add</i>	763.81	
08 33 13 00-0096	EA	10' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 662).....	19,749.92	541.74
		<i>For Motor Operator (With Safety Reverse), Add</i>	784.76	
08 33 16 Coiling Counter Grilles (08 33)				
08 33 16 00-0001 Galvanized Steel Overhead Coiling Counter Grilles (Width x Height) (08 33 16)				
08 33 16 00-0002	EA	4' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift.....	2,032.67	189.61
		<i>For Lexan Lattice Pattern, Add</i>	223.64	
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	107.15	
		<i>For Staggered Brick Pattern, Add</i>	190.75	



Openings		08	08
Specialty Doors and Frames		08 30	
Coiling Doors and Grilles		08 33	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 16 00-0003	EA		6' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift.....	2,223.34	189.61
			For Lexan Lattice Pattern, Add	252.24	
			For Aluminum With Clear Or Anodized Bronze Finish, Add	147.44	
			For Staggered Brick Pattern, Add	258.78	
08 33 16 00-0004	EA		8' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift.....	2,596.37	252.78
			For Lexan Lattice Pattern, Add	281.11	
			For Aluminum With Clear Or Anodized Bronze Finish, Add	187.76	
			For Staggered Brick Pattern, Add	326.80	
08 33 16 00-0005	EA		12' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift.....	3,055.24	252.78
			For Lexan Lattice Pattern, Add	349.94	
			For Aluminum With Clear Or Anodized Bronze Finish, Add	268.36	
			For Staggered Brick Pattern, Add	462.85	
08 33 16 00-0006	EA		16' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift.....	4,168.14	379.22
			For Lexan Lattice Pattern, Add	462.70	
			For Aluminum With Clear Or Anodized Bronze Finish, Add	402.02	
			For Staggered Brick Pattern, Add	610.32	
08 33 16 00-0007	EA		18' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift.....	4,723.87	433.40
			For Lexan Lattice Pattern, Add	519.08	
			For Aluminum With Clear Or Anodized Bronze Finish, Add	402.02	
			For Staggered Brick Pattern, Add	610.32	
08 33 16 00-0008	EA		20' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift.....	5,281.04	505.45
			For Lexan Lattice Pattern, Add	575.46	
			For Aluminum With Clear Or Anodized Bronze Finish, Add	535.68	
			For Staggered Brick Pattern, Add	757.80	
08 33 16 00-0009	EA		24' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift.....	6,572.02	606.75
			For Lexan Lattice Pattern, Add	725.35	
			For Aluminum With Clear Or Anodized Bronze Finish, Add	642.83	
			For Staggered Brick Pattern, Add	783.61	
08 33 16 00-0010	EA		30' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift.....	8,077.74	758.44
			For Lexan Lattice Pattern, Add	886.62	
			For Aluminum With Clear Or Anodized Bronze Finish, Add	752.40	
			For Staggered Brick Pattern, Add	899.49	
08 33 16 00-0011	EA		4' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift.....	2,178.22	189.61
			For Lexan Lattice Pattern, Add	245.47	
			For Aluminum With Clear Or Anodized Bronze Finish, Add	160.70	
			For Staggered Brick Pattern, Add	221.62	
08 33 16 00-0012	EA		6' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift.....	2,452.07	189.61
			For Lexan Lattice Pattern, Add	286.55	
			For Aluminum With Clear Or Anodized Bronze Finish, Add	241.03	
			For Staggered Brick Pattern, Add	301.40	
08 33 16 00-0013	EA		8' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift.....	2,794.19	252.89
			For Lexan Lattice Pattern, Add	310.78	
			For Aluminum With Clear Or Anodized Bronze Finish, Add	321.35	
			For Staggered Brick Pattern, Add	381.19	
08 33 16 00-0014	EA		12' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift.....	3,322.89	252.89
			For Lexan Lattice Pattern, Add	390.09	
			For Aluminum With Clear Or Anodized Bronze Finish, Add	482.12	
			For Staggered Brick Pattern, Add	540.75	
08 33 16 00-0015	EA		16' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift.....	4,543.56	379.22
			For Lexan Lattice Pattern, Add	519.01	
			For Aluminum With Clear Or Anodized Bronze Finish, Add	642.83	
			For Staggered Brick Pattern, Add	744.41	
08 33 16 00-0016	EA		18' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift.....	5,153.16	433.40
			For Lexan Lattice Pattern, Add	583.47	
			For Aluminum With Clear Or Anodized Bronze Finish, Add	642.83	
			For Staggered Brick Pattern, Add	744.41	
08 33 16 00-0017	EA		20' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift.....	5,760.36	505.45
			For Lexan Lattice Pattern, Add	647.93	
			For Aluminum With Clear Or Anodized Bronze Finish, Add	803.54	
			For Staggered Brick Pattern, Add	948.08	
08 33 16 00-0018	EA		24' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift.....	7,198.16	606.75
			For Lexan Lattice Pattern, Add	819.27	
			For Aluminum With Clear Or Anodized Bronze Finish, Add	964.23	
			For Staggered Brick Pattern, Add	1,092.94	
08 33 16 00-0019	EA		30' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift.....	8,701.36	758.44
			For Lexan Lattice Pattern, Add	980.16	
			For Aluminum With Clear Or Anodized Bronze Finish, Add	1,122.63	
			For Staggered Brick Pattern, Add	1,225.26	

08 33 23 Overhead Coiling Doors (08 33)

Note: Excludes lifting equipment (forklift or scissor lift) where required. See CSI section 01 22 23 00-1065 for forklift.

08 33 23 11 Overhead Coiling Doors (08 33 23)

Note: Includes panels, guides, counterbalance mechanisms, hardware, and/or trim as required. Excludes lifting equipment (forklift or scissor lift) where required.

08 33 23 11-0001 Galvanized Steel Overhead Coiling Doors (Width x Height) (08 33 23 11)

Note: Includes necessary anchors, track, and hardware. Includes galvanized steel primed with choice of baked-on polyester top coat finish, 20 psf wind load. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.

08 33 23 11-0002 26 Gauge Galvanized Steel Overhead Coiling Doors (08 33 23 11-0001)

08 33 23 11-0003	EA	4' x 7', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift.....	1,302.33	559.27
08 33 23 11-0004	EA	4' x 8', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift.....	1,393.44	592.17
08 33 23 11-0005	EA	5' x 7', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift.....	1,390.49	592.17
08 33 23 11-0006	EA	5' x 8', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift.....	1,485.46	625.07

08 Openings
08 30 Specialty Doors and Frames
08 33 Coiling Doors and Grilles



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 33 23 11-0007	EA	6' x 7', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,511.54	641.55
08 33 23 11-0008	EA	6' x 8', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,639.09	690.87
08 33 23 11-0009	EA	6' x 9', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,745.10	723.77
08 33 23 11-0010	EA	8' x 7', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,715.89	723.77
08 33 23 11-0011	EA	8' x 8', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,769.95	740.22
08 33 23 11-0012	EA	8' x 9', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,833.41	756.67
08 33 23 11-0013	EA	8' x 10', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,958.33	789.57
08 33 23 11-0014	EA	10' x 7', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,829.34	756.67
08 33 23 11-0015	EA	10' x 8', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,938.89	789.57
08 33 23 11-0016	EA	10' x 9', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	2,063.02	822.47
08 33 23 11-0017	EA	10' x 10', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	2,158.96	855.36

08 33 23 11-0018 24 Gauge Galvanized Steel Overhead Coiling Doors (08 33 23 11-0001)

Note: With curtain hood (barrel cover).

08 33 23 11-0019	EA	8' x 7', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,060.78	832.33
		For 3/4" Insulated Slats, Add	1,265.17	
08 33 23 11-0020	EA	8' x 8', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,148.92	851.26
		For 3/4" Insulated Slats, Add	1,296.09	
08 33 23 11-0021	EA	8' x 10', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,401.90	908.00
		For 3/4" Insulated Slats, Add	1,416.43	
08 33 23 11-0022	EA	8' x 12', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,624.79	945.84
		For 3/4" Insulated Slats, Add	1,536.30	
08 33 23 11-0023	EA	10' x 7', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,271.19	870.17
		For 3/4" Insulated Slats, Add	1,365.68	
08 33 23 11-0024	EA	10' x 8', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,532.56	945.84
		For 3/4" Insulated Slats, Add	1,467.13	
08 33 23 11-0025	EA	10' x 10', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,718.28	983.67
		For 3/4" Insulated Slats, Add	1,559.12	
08 33 23 11-0026	EA	10' x 12', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,952.56	1,021.50
		For 3/4" Insulated Slats, Add	1,687.54	
08 33 23 11-0027	EA	12' x 7', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,491.02	908.00
		For 3/4" Insulated Slats, Add	1,483.27	
08 33 23 11-0028	EA	12' x 8', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,694.19	945.84
		For 3/4" Insulated Slats, Add	1,588.35	
08 33 23 11-0029	EA	12' x 10', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,973.05	1,021.50
		For 3/4" Insulated Slats, Add	1,702.91	
08 33 23 11-0030	EA	12' x 12', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	4,270.52	1,054.40
		For 3/4" Insulated Slats, Add	1,884.89	
08 33 23 11-0031	EA	14' x 8', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	4,377.98	1,120.20
		For 3/4" Insulated Slats, Add	1,883.24	
08 33 23 11-0032	EA	14' x 10', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	4,774.96	1,186.00
		For 3/4" Insulated Slats, Add	2,098.73	
08 33 23 11-0033	EA	14' x 12', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	5,188.04	1,251.79
		For 3/4" Insulated Slats, Add	2,326.29	

08 33 23 11-0034 22 Gauge Galvanized Steel Overhead Coiling Doors (08 33 23 11-0001)

Note: With curtain hood (barrel cover).

08 33 23 11-0035	EA	4' x 8', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,701.14	749.10
		For 3/4" Insulated Slats, Add	1,089.48	
08 33 23 11-0036	EA	4' x 10', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,904.73	790.72
		For 3/4" Insulated Slats, Add	1,190.11	
08 33 23 11-0037	EA	4' x 12', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,049.97	823.62
		For 3/4" Insulated Slats, Add	1,257.92	
08 33 23 11-0038	EA	6' x 8', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,085.44	873.96
		For 3/4" Insulated Slats, Add	1,221.61	
08 33 23 11-0039	EA	6' x 10', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,385.66	957.19
		For 3/4" Insulated Slats, Add	1,342.72	
08 33 23 11-0040	EA	6' x 12', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,574.35	990.08
		For 3/4" Insulated Slats, Add	1,443.12	
08 33 23 11-0041	EA	6' x 14', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	4,018.40	1,022.99
		For 3/4" Insulated Slats, Add	1,735.03	
08 33 23 11-0042	EA	6' x 16', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	4,495.35	1,072.34
		For 3/4" Insulated Slats, Add	2,031.06	
08 33 23 11-0043	EA	8' x 8', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,351.89	936.37
		For 3/4" Insulated Slats, Add	1,343.47	
08 33 23 11-0044	EA	8' x 10', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,624.68	998.80
		For 3/4" Insulated Slats, Add	1,470.01	
08 33 23 11-0045	EA	8' x 12', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,842.54	1,040.43
		For 3/4" Insulated Slats, Add	1,581.34	
08 33 23 11-0046	EA	8' x 14', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	4,269.66	1,073.33
		For 3/4" Insulated Slats, Add	1,860.56	
08 33 23 11-0047	EA	8' x 16', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	4,729.69	1,122.67
		For 3/4" Insulated Slats, Add	2,143.89	
08 33 23 11-0048	EA	10' x 10', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,951.83	1,082.03
		For 3/4" Insulated Slats, Add	1,611.33	
08 33 23 11-0049	EA	10' x 12', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	4,234.44	1,123.66
		For 3/4" Insulated Slats, Add	1,771.22	
08 33 23 11-0050	EA	10' x 14', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	4,744.19	1,189.45
		For 3/4" Insulated Slats, Add	2,071.29	
08 33 23 11-0051	EA	10' x 16', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	5,319.74	1,288.15
		For 3/4" Insulated Slats, Add	2,379.59	



		Openings	08	08
		Specialty Doors and Frames	08 30	
		Coiling Doors and Grilles	08 33	

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST		UNIT COST
08 33 23 11-0052	EA 10' x 18', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift For 3/4" Insulated Slats, Add	5,915.56 2,661.96		1,419.74
08 33 23 11-0053	EA 10' x 20', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift For 3/4" Insulated Slats, Add	6,577.19 2,952.56		1,584.24
08 33 23 11-0054	EA 10' x 22', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift For 3/4" Insulated Slats, Add	7,304.62 3,251.39		1,781.63
08 33 23 11-0055	EA 10' x 24', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift For 3/4" Insulated Slats, Add	8,096.42 3,557.38		2,011.92
08 33 23 11-0056	EA 12' x 10', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift For 3/4" Insulated Slats, Add	4,247.81 1,781.25		1,123.66
08 33 23 11-0057	EA 12' x 12', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift For 3/4" Insulated Slats, Add	4,526.91 1,945.35		1,159.84
08 33 23 11-0058	EA 12' x 14', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift For 3/4" Insulated Slats, Add	5,159.29 2,337.38		1,225.64
08 33 23 11-0059	EA 12' x 16', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift For 3/4" Insulated Slats, Add	5,857.45 2,737.63		1,324.33
08 33 23 11-0060	EA 12' x 18', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift For 3/4" Insulated Slats, Add	6,551.92 3,093.99		1,455.94
08 33 23 11-0061	EA 12' x 20', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift For 3/4" Insulated Slats, Add	7,312.18 3,458.57		1,620.42
08 33 23 11-0062	EA 12' x 22', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift For 3/4" Insulated Slats, Add	8,138.25 3,831.38		1,817.82
08 33 23 11-0063	EA 12' x 24', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift For 3/4" Insulated Slats, Add	9,095.89 4,220.63		2,081.00
08 33 23 11-0064	20 Gauge Galvanized Steel Overhead Coiling Doors (08 33 23 11-0001) Note: With curtain hood (barrel cover)			
08 33 23 11-0065	EA 14' x 10', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift For 3/4" Insulated Slats, Add	5,173.23 2,244.45		1,308.39
08 33 23 11-0066	EA 14' x 12', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift For 3/4" Insulated Slats, Add	5,651.93 2,521.23		1,374.19
08 33 23 11-0067	EA 14' x 14', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift For 3/4" Insulated Slats, Add	6,222.96 2,867.26		1,439.99
08 33 23 11-0068	EA 14' x 16', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift For 3/4" Insulated Slats, Add	6,802.09 3,178.23		1,538.68
08 33 23 11-0069	EA 14' x 18', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift For 3/4" Insulated Slats, Add	7,478.52 3,521.07		1,670.27
08 33 23 11-0070	EA 14' x 20', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift For 3/4" Insulated Slats, Add	8,154.38 3,863.47		1,801.87
08 33 23 11-0071	EA 14' x 22', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift For 3/4" Insulated Slats, Add	9,519.68 4,681.82		1,966.36
08 33 23 11-0072	EA 14' x 24', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift For 3/4" Insulated Slats, Add	10,950.75 5,508.39		2,163.75
08 33 23 11-0073	EA 16' x 10', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift For 3/4" Insulated Slats, Add	6,206.44 2,774.02		1,504.65
08 33 23 11-0074	EA 16' x 12', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift For 3/4" Insulated Slats, Add	6,747.23 3,097.37		1,570.44
08 33 23 11-0075	EA 16' x 14', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift For 3/4" Insulated Slats, Add	7,231.86 3,378.59		1,636.25
08 33 23 11-0076	EA 16' x 16', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift For 3/4" Insulated Slats, Add	7,798.52 3,680.22		1,734.94
08 33 23 11-0077	EA 16' x 18', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift For 3/4" Insulated Slats, Add	8,477.80 4,025.18		1,866.53
08 33 23 11-0078	EA 16' x 20', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift For 3/4" Insulated Slats, Add	9,245.52 4,436.48		1,998.12
08 33 23 11-0079	EA 16' x 22', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift For 3/4" Insulated Slats, Add	10,394.92 5,092.92		2,162.62
08 33 23 11-0080	EA 16' x 24', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift For 3/4" Insulated Slats, Add	11,618.65 5,763.98		2,360.01
08 33 23 11-0081	EA 18' x 10', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift For 3/4" Insulated Slats, Add	6,733.26 2,933.99		1,692.73
08 33 23 11-0082	EA 18' x 12', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift For 3/4" Insulated Slats, Add	7,220.15 3,216.91		1,758.54
08 33 23 11-0083	EA 18' x 14', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift For 3/4" Insulated Slats, Add	7,994.72 3,674.47		1,857.23
08 33 23 11-0084	EA 18' x 16', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift For 3/4" Insulated Slats, Add	8,726.33 4,058.69		1,988.82
08 33 23 11-0085	EA 18' x 18', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift For 3/4" Insulated Slats, Add	9,528.12 4,454.41		2,153.31
08 33 23 11-0086	EA 18' x 20', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift For 3/4" Insulated Slats, Add	10,396.26 4,858.78		2,350.71
08 33 23 11-0087	EA 18' x 22', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift For 3/4" Insulated Slats, Add	11,835.66 5,650.46		2,580.99
08 33 23 11-0088	EA 18' x 24', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift For 3/4" Insulated Slats, Add	13,366.74 6,469.79		2,844.19
08 33 23 11-0089	EA 20' x 10', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift For 3/4" Insulated Slats, Add	7,700.87 3,342.31		1,946.65
08 33 23 11-0090	EA 20' x 12', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift For 3/4" Insulated Slats, Add	8,605.02 3,938.17		2,012.44
08 33 23 11-0091	EA 20' x 14', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift For 3/4" Insulated Slats, Add	9,775.21 4,356.31		2,380.11
08 33 23 11-0092	EA 20' x 16', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift For 3/4" Insulated Slats, Add	10,750.41 4,964.34		2,478.80

08 Openings**08 30 Specialty Doors and Frames****08 33 Coiling Doors and Grilles**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 11-0093	EA		20' x 18', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	11,927.92 5,682.98	2,610.39
08 33 23 11-0094	EA		20' x 20', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	13,235.01 6,498.80	2,741.99
08 33 23 11-0095	EA		20' x 22', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	14,613.99 7,327.42	2,906.48
08 33 23 11-0096	EA		20' x 24', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	16,080.21 8,180.35	3,103.87
08 33 23 11-0097	EA		22' x 10', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	8,491.71 3,488.27	2,304.44
08 33 23 11-0098	EA		22' x 12', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	9,514.42 4,131.93	2,403.13
08 33 23 11-0099	EA		22' x 14', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	10,917.47 4,915.43	2,618.11
08 33 23 11-0100	EA		22' x 16', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	12,175.45 5,735.55	2,716.81
08 33 23 11-0101	EA		22' x 18', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	13,503.30 6,566.94	2,848.40
08 33 23 11-0102	EA		22' x 20', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	14,960.26 7,495.17	2,979.99
08 33 23 11-0103	EA		22' x 22', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	16,487.27 8,434.82	3,144.49
08 33 23 11-0104	EA		22' x 24', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	18,071.46 9,376.22	3,341.88
08 33 23 11-0105	EA		24' x 10', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	9,357.62 3,849.58	2,534.87
08 33 23 11-0106	EA		24' x 12', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	10,053.39 4,289.17	2,600.67
08 33 23 11-0107	EA		24' x 14', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	11,530.28 5,314.59	2,666.47
08 33 23 11-0108	EA		24' x 16', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	12,929.15 6,240.37	2,765.17
08 33 23 11-0109	EA		24' x 18', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	14,340.93 7,134.72	2,896.76
08 33 23 11-0110	EA		24' x 20', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	15,880.86 8,125.17	3,028.35
08 33 23 11-0111	EA		24' x 22', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	17,757.96 9,306.82	3,209.30
08 33 23 11-0112	EA		24' x 24', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	19,678.29 10,520.89	3,390.24
08 33 23 11-0113			18 Gauge Galvanized Steel Overhead Coiling Doors (08 33 23 11-0001) Note: With curtain hood (barrel cover).		
08 33 23 11-0114	EA		14' x 10', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	5,687.50 2,548.40	1,373.84
08 33 23 11-0115	EA		14' x 12', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	6,224.85 2,865.06	1,442.93
08 33 23 11-0116	EA		14' x 14', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	6,868.38 3,261.34	1,512.02
08 33 23 11-0117	EA		14' x 16', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	7,514.63 3,616.49	1,615.59
08 33 23 11-0118	EA		14' x 18', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	8,266.21 4,007.46	1,753.76
08 33 23 11-0119	EA		14' x 20', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	9,017.13 4,397.94	1,891.93
08 33 23 11-0120	EA		14' x 22', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	10,554.32 5,334.93	2,064.71
08 33 23 11-0121	EA		14' x 24', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	12,160.60 6,280.56	2,271.98
08 33 23 11-0122	EA		16' x 10', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	6,836.41 3,152.49	1,579.92
08 33 23 11-0123	EA		16' x 12', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	7,445.16 3,522.70	1,649.01
08 33 23 11-0124	EA		16' x 14', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	7,989.34 3,844.47	1,718.10
08 33 23 11-0125	EA		16' x 16', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	8,621.26 4,188.87	1,821.66
08 33 23 11-0126	EA		16' x 18', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	9,376.10 4,582.28	1,959.84
08 33 23 11-0127	EA		16' x 20', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	10,232.67 5,051.99	2,098.01
08 33 23 11-0128	EA		16' x 22', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	11,521.58 5,802.78	2,270.79
08 33 23 11-0129	EA		16' x 24', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	12,889.38 6,569.55	2,478.05
08 33 23 11-0130	EA		18' x 10', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	7,404.66 3,331.77	1,777.31
08 33 23 11-0131	EA		18' x 12', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	7,951.41 3,655.48	1,846.40
08 33 23 11-0132	EA		18' x 14', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	8,822.42 4,179.20	1,950.09
08 33 23 11-0133	EA		18' x 16', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	9,637.48 4,617.77	2,088.27



		Openings	08	08
		Specialty Doors and Frames	08 30	
		Coiling Doors and Grilles	08 33	

MINOR		DESCRIPTION	TOTAL DIRECT	DEMOLITION
CSI	UOM		UNIT COST	UNIT COST
08 33 23 11-0134	EA	18' x 18', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	10,526.62	2,260.92
		For 3/4" Insulated Slats, Add	5,068.73	
08 33 23 11-0135	EA	18' x 20', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	11,485.50	2,468.19
		For 3/4" Insulated Slats, Add	5,528.81	
08 33 23 11-0136	EA	18' x 22', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	13,094.75	2,710.05
		For 3/4" Insulated Slats, Add	6,433.50	
08 33 23 11-0137	EA	18' x 24', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	14,802.85	2,986.41
		For 3/4" Insulated Slats, Add	7,369.14	
08 33 23 11-0138	EA	20' x 10', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	8,466.62	2,043.92
		For 3/4" Insulated Slats, Add	3,794.98	
08 33 23 11-0139	EA	20' x 12', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	9,493.23	2,113.01
		For 3/4" Insulated Slats, Add	4,478.58	
08 33 23 11-0140	EA	20' x 14', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	10,570.48	2,499.11
		For 3/4" Insulated Slats, Add	4,803.98	
08 33 23 11-0141	EA	20' x 16', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	11,641.98	2,602.80
		For 3/4" Insulated Slats, Add	5,478.07	
08 33 23 11-0142	EA	20' x 18', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	12,934.25	2,740.98
		For 3/4" Insulated Slats, Add	6,274.94	
08 33 23 11-0143	EA	20' x 20', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	14,370.49	2,879.15
		For 3/4" Insulated Slats, Add	7,179.01	
08 33 23 11-0144	EA	20' x 22', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	15,882.59	3,051.81
		For 3/4" Insulated Slats, Add	8,097.19	
08 33 23 11-0145	EA	20' x 24', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	17,487.59	3,259.07
		For 3/4" Insulated Slats, Add	9,041.86	
08 33 23 11-0146	EA	22' x 10', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	9,153.56	2,419.62
		For 3/4" Insulated Slats, Add	3,840.64	
08 33 23 11-0147	EA	22' x 12', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	10,277.83	2,523.32
		For 3/4" Insulated Slats, Add	4,554.30	
08 33 23 11-0148	EA	22' x 14', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	11,810.60	2,749.00
		For 3/4" Insulated Slats, Add	5,421.61	
08 33 23 11-0149	EA	22' x 16', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	13,196.29	2,852.70
		For 3/4" Insulated Slats, Add	6,331.34	
08 33 23 11-0150	EA	22' x 18', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	14,655.59	2,990.87
		For 3/4" Insulated Slats, Add	7,253.10	
08 33 23 11-0151	EA	22' x 20', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	16,258.34	3,129.05
		For 3/4" Insulated Slats, Add	8,282.44	
08 33 23 11-0152	EA	22' x 22', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	17,934.91	3,301.70
		For 3/4" Insulated Slats, Add	9,323.98	
08 33 23 11-0153	EA	22' x 24', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	19,671.01	3,508.96
		For 3/4" Insulated Slats, Add	10,366.98	
08 33 23 11-0154	EA	24' x 10', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	10,087.49	2,661.63
		For 3/4" Insulated Slats, Add	4,238.59	
08 33 23 11-0155	EA	24' x 12', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	10,852.53	2,730.71
		For 3/4" Insulated Slats, Add	4,726.00	
08 33 23 11-0156	EA	24' x 14', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	12,485.47	2,799.80
		For 3/4" Insulated Slats, Add	5,864.35	
08 33 23 11-0157	EA	24' x 16', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	14,027.70	2,903.37
		For 3/4" Insulated Slats, Add	6,891.49	
08 33 23 11-0158	EA	24' x 18', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	15,580.29	3,041.54
		For 3/4" Insulated Slats, Add	7,883.21	
08 33 23 11-0159	EA	24' x 20', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	17,275.23	3,179.71
		For 3/4" Insulated Slats, Add	8,981.70	
08 33 23 11-0160	EA	24' x 22', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	19,338.84	3,369.74
		For 3/4" Insulated Slats, Add	10,291.88	
08 33 23 11-0161	EA	24' x 24', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	21,450.37	3,559.75
		For 3/4" Insulated Slats, Add	11,638.08	
08 33 23 11-0162		Aluminum Overhead Coiling Doors (Width x Height) (08 33 23 11)		
		Note: Includes necessary anchors, track and hardware. Includes clear anodized aluminum finish. 20 psf wind load. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.		
08 33 23 11-0163		0.04" Aluminum Overhead Coiling Doors (08 33 23 11-0162)		
08 33 23 11-0164	EA	4' x 8', 0.04" Aluminum Overhead Coiling Door, Chain Lift	2,755.00	749.10
08 33 23 11-0165	EA	4' x 10', 0.04" Aluminum Overhead Coiling Door, Chain Lift	2,961.51	790.72
08 33 23 11-0166	EA	4' x 12', 0.04" Aluminum Overhead Coiling Door, Chain Lift	3,487.07	823.62
08 33 23 11-0167	EA	6' x 8', 0.04" Aluminum Overhead Coiling Door, Chain Lift	3,376.98	873.96
08 33 23 11-0168	EA	6' x 10', 0.04" Aluminum Overhead Coiling Door, Chain Lift	3,695.89	957.19
08 33 23 11-0169	EA	6' x 12', 0.04" Aluminum Overhead Coiling Door, Chain Lift	3,914.17	990.08
08 33 23 11-0170	EA	6' x 14', 0.04" Aluminum Overhead Coiling Door, Chain Lift	4,178.17	1,022.99
08 33 23 11-0171	EA	6' x 16', 0.04" Aluminum Overhead Coiling Door, Chain Lift	4,478.38	1,072.34
08 33 23 11-0172	EA	8' x 8', 0.04" Aluminum Overhead Coiling Door, Chain Lift	3,689.89	936.37
08 33 23 11-0173	EA	8' x 10', 0.04" Aluminum Overhead Coiling Door, Chain Lift	4,021.11	998.80
08 33 23 11-0174	EA	8' x 12', 0.04" Aluminum Overhead Coiling Door, Chain Lift	4,313.96	1,040.43
08 33 23 11-0175	EA	8' x 14', 0.04" Aluminum Overhead Coiling Door, Chain Lift	4,578.17	1,073.33
08 33 23 11-0176	EA	8' x 16', 0.04" Aluminum Overhead Coiling Door, Chain Lift	4,876.40	1,122.67
08 33 23 11-0177	EA	10' x 10', 0.04" Aluminum Overhead Coiling Door, Chain Lift	4,413.31	1,082.03
08 33 23 11-0178	EA	10' x 12', 0.04" Aluminum Overhead Coiling Door, Chain Lift	4,701.41	1,123.66
08 33 23 11-0179	EA	10' x 14', 0.04" Aluminum Overhead Coiling Door, Chain Lift	5,085.60	1,189.45
08 33 23 11-0180	EA	10' x 16', 0.04" Aluminum Overhead Coiling Door, Chain Lift	5,536.99	1,288.15
08 33 23 11-0181	EA	10' x 18', 0.04" Aluminum Overhead Coiling Door, Chain Lift	6,234.54	1,419.74
08 33 23 11-0182	EA	10' x 20', 0.04" Aluminum Overhead Coiling Door, Chain Lift	6,997.79	1,584.24
08 33 23 11-0183	EA	10' x 22', 0.04" Aluminum Overhead Coiling Door, Chain Lift	7,822.69	1,781.63

08 Openings**08 30 Specialty Doors and Frames****08 33 Coiling Doors and Grilles**MINOR
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 33 23 11-0184	EA	10' x 24', 0.04" Aluminum Overhead Coiling Door, Chain Lift	8,714.59	2,011.92
08 33 23 11-0185	EA	12' x 10', 0.04" Aluminum Overhead Coiling Door, Chain Lift	4,696.27	1,123.66
08 33 23 11-0186	EA	12' x 12', 0.04" Aluminum Overhead Coiling Door, Chain Lift	5,263.33	1,169.84
08 33 23 11-0187	EA	12' x 14', 0.04" Aluminum Overhead Coiling Door, Chain Lift	5,780.46	1,225.64
08 33 23 11-0188	EA	12' x 16', 0.04" Aluminum Overhead Coiling Door, Chain Lift	6,365.71	1,324.33
08 33 23 11-0189	EA	12' x 18', 0.04" Aluminum Overhead Coiling Door, Chain Lift	7,154.28	1,455.94
08 33 23 11-0190	EA	12' x 20', 0.04" Aluminum Overhead Coiling Door, Chain Lift	8,010.64	1,620.42
08 33 23 11-0191	EA	12' x 22', 0.04" Aluminum Overhead Coiling Door, Chain Lift	8,642.57	1,817.82
08 33 23 11-0192	EA	12' x 24', 0.04" Aluminum Overhead Coiling Door, Chain Lift	9,408.76	2,081.00

08 33 23 11-0193 0.05" Aluminum Overhead Coiling Doors (08 33 23 11-0162)

08 33 23 11-0194	EA	14' x 10', 0.05" Aluminum Overhead Coiling Door, Chain Lift	5,369.36	1,308.39
08 33 23 11-0195	EA	14' x 12', 0.05" Aluminum Overhead Coiling Door, Chain Lift	6,051.47	1,374.19
08 33 23 11-0196	EA	14' x 14', 0.05" Aluminum Overhead Coiling Door, Chain Lift	6,720.57	1,439.99
08 33 23 11-0197	EA	14' x 16', 0.05" Aluminum Overhead Coiling Door, Chain Lift	7,403.32	1,538.68
08 33 23 11-0198	EA	14' x 18', 0.05" Aluminum Overhead Coiling Door, Chain Lift	8,194.23	1,670.27
08 33 23 11-0199	EA	14' x 20', 0.05" Aluminum Overhead Coiling Door, Chain Lift	8,985.12	1,801.87
08 33 23 11-0200	EA	14' x 22', 0.05" Aluminum Overhead Coiling Door, Chain Lift	9,853.23	1,966.36
08 33 23 11-0201	EA	14' x 24', 0.05" Aluminum Overhead Coiling Door, Chain Lift	10,787.24	2,163.75
08 33 23 11-0202	EA	16' x 10', 0.05" Aluminum Overhead Coiling Door, Chain Lift	6,258.68	1,504.65
08 33 23 11-0203	EA	16' x 12', 0.05" Aluminum Overhead Coiling Door, Chain Lift	6,971.74	1,570.44
08 33 23 11-0204	EA	16' x 14', 0.05" Aluminum Overhead Coiling Door, Chain Lift	7,655.47	1,636.25
08 33 23 11-0205	EA	16' x 16', 0.05" Aluminum Overhead Coiling Door, Chain Lift	8,426.19	1,734.94
08 33 23 11-0206	EA	16' x 18', 0.05" Aluminum Overhead Coiling Door, Chain Lift	9,321.35	1,866.53
08 33 23 11-0207	EA	16' x 20', 0.05" Aluminum Overhead Coiling Door, Chain Lift	10,265.35	1,998.12
08 33 23 11-0208	EA	16' x 22', 0.05" Aluminum Overhead Coiling Door, Chain Lift	11,236.04	2,162.62
08 33 23 11-0209	EA	16' x 24', 0.05" Aluminum Overhead Coiling Door, Chain Lift	12,222.06	2,360.01
08 33 23 11-0210	EA	18' x 10', 0.05" Aluminum Overhead Coiling Door, Chain Lift	6,994.86	1,692.73
08 33 23 11-0211	EA	18' x 12', 0.05" Aluminum Overhead Coiling Door, Chain Lift	7,758.41	1,758.54
08 33 23 11-0212	EA	18' x 14', 0.05" Aluminum Overhead Coiling Door, Chain Lift	8,661.69	1,857.23
08 33 23 11-0213	EA	18' x 16', 0.05" Aluminum Overhead Coiling Door, Chain Lift	9,618.08	1,988.82
08 33 23 11-0214	EA	18' x 18', 0.05" Aluminum Overhead Coiling Door, Chain Lift	10,650.69	2,153.31
08 33 23 11-0215	EA	18' x 20', 0.05" Aluminum Overhead Coiling Door, Chain Lift	11,742.59	2,350.71
08 33 23 11-0216	EA	18' x 22', 0.05" Aluminum Overhead Coiling Door, Chain Lift	12,898.66	2,580.99
08 33 23 11-0217	EA	18' x 24', 0.05" Aluminum Overhead Coiling Door, Chain Lift	14,127.02	2,844.19
08 33 23 11-0218	EA	20' x 10', 0.05" Aluminum Overhead Coiling Door, Chain Lift	7,991.31	1,946.65
08 33 23 11-0219	EA	20' x 12', 0.05" Aluminum Overhead Coiling Door, Chain Lift	8,769.52	2,012.44
08 33 23 11-0220	EA	20' x 14', 0.05" Aluminum Overhead Coiling Door, Chain Lift	10,046.76	2,111.14
08 33 23 11-0221	EA	20' x 16', 0.05" Aluminum Overhead Coiling Door, Chain Lift	10,948.46	2,242.74
08 33 23 11-0222	EA	20' x 18', 0.05" Aluminum Overhead Coiling Door, Chain Lift	12,069.01	2,407.23
08 33 23 11-0223	EA	20' x 20', 0.05" Aluminum Overhead Coiling Door, Chain Lift	13,284.67	2,604.62
08 33 23 11-0224	EA	20' x 22', 0.05" Aluminum Overhead Coiling Door, Chain Lift	14,514.01	2,834.91
08 33 23 11-0225	EA	20' x 24', 0.05" Aluminum Overhead Coiling Door, Chain Lift	15,843.39	3,098.10
08 33 23 11-0226	EA	22' x 10', 0.05" Aluminum Overhead Coiling Door, Chain Lift	9,434.84	2,304.44
08 33 23 11-0227	EA	22' x 12', 0.05" Aluminum Overhead Coiling Door, Chain Lift	10,459.64	2,403.13
08 33 23 11-0228	EA	22' x 14', 0.05" Aluminum Overhead Coiling Door, Chain Lift	11,834.38	2,618.11
08 33 23 11-0229	EA	22' x 16', 0.05" Aluminum Overhead Coiling Door, Chain Lift	12,955.25	2,716.81
08 33 23 11-0230	EA	22' x 18', 0.05" Aluminum Overhead Coiling Door, Chain Lift	14,140.34	2,848.40
08 33 23 11-0231	EA	22' x 20', 0.05" Aluminum Overhead Coiling Door, Chain Lift	15,336.79	2,979.99
08 33 23 11-0232	EA	22' x 22', 0.05" Aluminum Overhead Coiling Door, Chain Lift	16,537.16	3,144.49
08 33 23 11-0233	EA	22' x 24', 0.05" Aluminum Overhead Coiling Door, Chain Lift	17,811.45	3,341.88
08 33 23 11-0234	EA	24' x 10', 0.05" Aluminum Overhead Coiling Door, Chain Lift	10,399.09	2,534.87
08 33 23 11-0235	EA	24' x 12', 0.05" Aluminum Overhead Coiling Door, Chain Lift	11,027.45	2,600.67
08 33 23 11-0236	EA	24' x 14', 0.05" Aluminum Overhead Coiling Door, Chain Lift	12,530.48	2,666.47
08 33 23 11-0237	EA	24' x 16', 0.05" Aluminum Overhead Coiling Door, Chain Lift	13,784.92	2,765.17
08 33 23 11-0238	EA	24' x 18', 0.05" Aluminum Overhead Coiling Door, Chain Lift	15,038.39	2,896.76
08 33 23 11-0239	EA	24' x 20', 0.05" Aluminum Overhead Coiling Door, Chain Lift	16,291.88	3,028.35
08 33 23 11-0240	EA	24' x 22', 0.05" Aluminum Overhead Coiling Door, Chain Lift	17,780.52	3,192.85
08 33 23 11-0241	EA	24' x 24', 0.05" Aluminum Overhead Coiling Door, Chain Lift	19,383.87	3,390.24

08 33 23 11-0242 Overhead Coiling Door Accessories (08 33 23 11)

08 33 23 11-0243	LF	Bottom Of Door, Weather Strip Seal For Coiling Doors, Astragal Only	4.96	1.36
08 33 23 11-0244	LF	Top Of Door (Lintel), Weather Strip Seal For Coiling Doors	33.88	1.63
08 33 23 11-0245	LF	Side Of Door (Guides), Weather Strip Seal For Coiling Doors	32.29	1.63
08 33 23 11-0246	EA	Cylinder Lock For Coiling Doors	267.86	67.81
08 33 23 11-0247	EA	Up To 12' Height, 1/2 HP Motorized Jackshaft Operator For Coiling Doors And Grilles	1,797.50	217.01
		Note: Includes three button inside station controls and mounting hardware.		
08 33 23 11-0248	EA	Up To 12' Height, 3/4 HP Motorized Jackshaft Operator For Coiling Doors And Grilles	2,283.86	217.01
		Note: Includes three button inside station controls and mounting hardware.		
08 33 23 11-0249	EA	>12' To 18' Height, 1/2 HP Motorized Jackshaft Operator For Coiling Doors And Grilles	2,131.49	244.13
		Note: Includes three button inside station controls and mounting hardware.		
08 33 23 11-0250	EA	>12' To 18' Height, 3/4 HP Motorized Jackshaft Operator For Coiling Doors And Grilles	2,530.81	244.13
		Note: Includes three button inside station controls and mounting hardware.		
08 33 23 11-0251	EA	>18' To 24' Height, 3/4 HP Motorized Jackshaft Operator For Coiling Doors And Grilles	2,757.30	271.25
		Note: Includes motor, supports, push button operator, stationary electronic eye, signal wiring from eye to motor and motor to operator.		
08 33 23 11-0252	EA	>18' To 24' Height, 1 HP Motorized Jackshaft Operator For Coiling Doors And Grilles	2,999.55	271.25
		Note: Includes motor, supports, push button operator, stationary electronic eye, signal wiring from eye to motor and motor to operator.		



		Openings	08	08
		Specialty Doors and Frames	08 30	
		Coiling Doors and Grilles	08 33	

MINOR CSI UOM DESCRIPTION			TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 11-0253	LF	Safety Edge Bottom Bar Obstruction Detection Device, Electric For Coiling Doors And Grilles.....	94.65	
08 33 23 11-0254	EA	Remote Transmitter Kit For Coiling Door Operators.....	352.99	108.50
08 33 23 11-0255		Removal And Reinstallation Of Roll-Up Door And Support (08 33 23 11) Note: Includes storage, cleaning and supply materials.		
08 33 23 11-0256	SF	Removal And Reinstallation Of Metal Roll-up Door And Supports.....	23.23	
08 33 23 13		Overhead Rapid Coiling Doors (08 33 23) Note: Includes panels, guides, counterbalance mechanisms, hardware, operators, frame, supports and/or trim as required. Excludes lifting equipment (forklift or scissor lift) where required. See CSI section 01 22 23 00-1065 for forklift.		
08 33 23 13-0001		32 Ounce Vinyl Panels, Manually Operated Rolling Doors (Rytec® Bantam®) (08 33 23 13) Note: Door panel is 32 ounce vinyl. Side frames are fully bolted together, anodized aluminum construction with weather seal. Bottom bar releases in either direction when impacted, without damage to door. Manual drive system.		
08 33 23 13-0002		32 Ounce Vinyl Panels, Manually Operated Rolling Doors (Rytec® Bantam®) (08 33 23 13-0001)		
08 33 23 13-0003		5' Wide, 32 Ounce Vinyl Panels, Manually Operated Rolling Doors (Rytec® Bantam®) (08 33 23 13-0002)		
08 33 23 13-0004	EA	5' x 5', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®).....	5,116.99	397.12
08 33 23 13-0005	EA	5' x 6', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®).....	5,395.49	415.56
08 33 23 13-0006	EA	5' x 7', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®).....	5,672.11	434.01
08 33 23 13-0007	EA	5' x 8', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®).....	5,946.87	452.46
08 33 23 13-0008	EA	5' x 9', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®).....	6,225.36	470.90
08 33 23 13-0009	EA	5' x 10', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®).....	6,501.99	489.35
08 33 23 13-0010		6' Wide, 32 Ounce Vinyl Panels, Manually Operated Rolling Doors (Rytec® Bantam®) (08 33 23 13-0002)		
08 33 23 13-0011	EA	6' x 5', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®).....	5,395.49	415.56
08 33 23 13-0012	EA	6' x 6', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®).....	5,672.11	434.01
08 33 23 13-0013	EA	6' x 7', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®).....	5,946.87	452.46
08 33 23 13-0014	EA	6' x 8', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®).....	6,225.36	470.90
08 33 23 13-0015	EA	6' x 9', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®).....	6,501.99	489.35
08 33 23 13-0016	EA	6' x 10', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®).....	6,778.63	507.79
08 33 23 13-0017		7' Wide, 32 Ounce Vinyl Panels, Manually Operated Rolling Doors (Rytec® Bantam®) (08 33 23 13-0002)		
08 33 23 13-0018	EA	7' x 5', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®).....	5,672.11	434.01
08 33 23 13-0019	EA	7' x 6', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®).....	5,946.87	452.46
08 33 23 13-0020	EA	7' x 7', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®).....	6,225.36	470.90
08 33 23 13-0021	EA	7' x 8', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®).....	6,501.99	489.35
08 33 23 13-0022	EA	7' x 9', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®).....	6,778.63	507.79
08 33 23 13-0023	EA	7' x 10', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®).....	7,057.13	526.24
08 33 23 13-0024		8' Wide, 32 Ounce Vinyl Panels, Manually Operated Rolling Doors (Rytec® Bantam®) (08 33 23 13-0002)		
08 33 23 13-0025	EA	8' x 5', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®).....	5,946.87	452.46
08 33 23 13-0026	EA	8' x 6', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®).....	6,225.36	470.90
08 33 23 13-0027	EA	8' x 7', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®).....	6,501.99	489.35
08 33 23 13-0028	EA	8' x 8', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®).....	6,778.63	507.79
08 33 23 13-0029	EA	8' x 9', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®).....	7,057.13	526.24
08 33 23 13-0030	EA	8' x 10', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®).....	7,331.88	544.68
08 33 23 13-0031		9' Wide, 32 Ounce Vinyl Panels, Manually Operated Rolling Doors (Rytec® Bantam®) (08 33 23 13-0002)		
08 33 23 13-0032	EA	9' x 5', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®).....	6,225.36	470.90
08 33 23 13-0033	EA	9' x 6', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®).....	6,501.99	489.35
08 33 23 13-0034	EA	9' x 7', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®).....	6,778.63	507.79
08 33 23 13-0035	EA	9' x 8', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®).....	7,057.13	526.24
08 33 23 13-0036	EA	9' x 9', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®).....	7,331.88	544.68
08 33 23 13-0037	EA	9' x 10', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®).....	7,610.38	563.13
08 33 23 13-0038		10' Wide, 32 Ounce Vinyl Panels, Manually Operated Rolling Doors (Rytec® Bantam®) (08 33 23 13-0002)		
08 33 23 13-0039	EA	10' x 5', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®).....	6,501.99	489.35
08 33 23 13-0040	EA	10' x 6', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®).....	6,778.63	507.79
08 33 23 13-0041	EA	10' x 7', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®).....	7,057.13	526.24
08 33 23 13-0042	EA	10' x 8', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®).....	7,331.88	544.68
08 33 23 13-0043	EA	10' x 9', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®).....	7,610.38	563.13

08 Openings**08 30 Specialty Doors and Frames****08 33 Coiling Doors and Grilles**MINOR
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 33 23 13-0044 EA 10' x 10', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®) 7,887.01 581.57

08 33 23 13-0045 Rytec® Bantam® Door Options (08 33 23 13-0001)

08 33 23 13-0046 SF Upgrade To 2-Ply Rilon Panel Material For Rytec® Bantam® High-Speed Rolling Doors 11.71
 08 33 23 13-0047 SF Upgrade To 3-Ply Rilon Panel Material For Rytec® Bantam® High-Speed Rolling Doors 25.75
 08 33 23 13-0048 LF 31" High Full Vision Panel For Rytec® Bantam® High-Speed Rolling Doors 37.46
 Note: Multiply linear foot price x width of door.
 08 33 23 13-0049 EA Two 17" x 17", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Windows With Velcro For Rytec® Bantam® High-Speed Rolling Doors 355.86
 08 33 23 13-0050 EA Roll Cover For Rytec® Bantam® High-Speed Rolling Doors.....670.38 54.25
 08 33 23 13-0051 EA Motor Cover For Rytec® Bantam® High-Speed Rolling Doors.....670.38 54.25
 08 33 23 13-0052 EA Motor Operator For Rytec® Bantam® High-Speed Rolling Doors 2,885.95 108.50
 Note: Includes open/close/stop pushbutton, pneumatic reversing edge and coil cord.
 08 33 23 13-0053 EA Additional NEMA 4 Pushbutton Control For Rytec® Bantam® Motor Operator 351.98 54.25
 Note: Includes open/close/stop control.
 08 33 23 13-0054 EA Auto Close Feature For Rytec® Bantam® Motor Operator 342.62 54.25

08 33 23 13-0055 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) (08 33 23 13)
 Note: Rytec® PredaDoor® PD5500. Door panel is 2-ply multi-filament Rilon. Includes full width vision panel. Side frames are fully bolted together, anodized aluminum construction with weather seal. Bottom bar releases in either direction when impacted, without damage to door. Drive system is a 3 phase, variable-speed AC Drive with brake and absolute encoder. Opens at 50" per second and closes at 21" per second.

08 33 23 13-0056 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) (08 33 23 13-0055)

08 33 23 13-0057 6' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) (08 33 23 13-0056)

08 33 23 13-0058 EA 6' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) 15,927.85 434.01
 08 33 23 13-0059 EA 6' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) 16,183.25 452.46
 08 33 23 13-0060 EA 6' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) 16,478.53 470.90
 08 33 23 13-0061 EA 6' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) 16,891.75 489.35
 08 33 23 13-0062 EA 6' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) 17,313.64 507.79
 08 33 23 13-0063 EA 6' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) 18,026.87 526.24
 08 33 23 13-0064 EA 6' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) 18,531.99 544.68

08 33 23 13-0065 7' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) (08 33 23 13-0056)

08 33 23 13-0066 EA 7' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) 16,240.48 452.46
 08 33 23 13-0067 EA 7' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) 16,566.98 470.90
 08 33 23 13-0068 EA 7' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) 16,978.46 489.35
 08 33 23 13-0069 EA 7' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) 17,414.22 507.79
 08 33 23 13-0070 EA 7' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) 17,990.45 526.24
 08 33 23 13-0071 EA 7' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) 18,686.34 544.68
 08 33 23 13-0072 EA 7' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) 19,234.82 563.13

08 33 23 13-0073 8' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) (08 33 23 13-0056)

08 33 23 13-0074 EA 8' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) 16,622.47 470.90
 08 33 23 13-0075 EA 8' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) 17,032.22 489.35
 08 33 23 13-0076 EA 8' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) 17,485.33 507.79
 08 33 23 13-0077 EA 8' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) 18,078.89 526.24
 08 33 23 13-0078 EA 8' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) 18,613.50 544.68
 08 33 23 13-0079 EA 8' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) 19,371.82 563.13
 08 33 23 13-0080 EA 8' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) 19,993.14 581.57

08 33 23 13-0081 9' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) (08 33 23 13-0056)

08 33 23 13-0082 EA 9' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) 17,089.45 489.35
 08 33 23 13-0083 EA 9' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) 17,539.09 507.79
 08 33 23 13-0084 EA 9' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) 18,132.66 526.24
 08 33 23 13-0085 EA 9' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) 18,684.60 544.68
 08 33 23 13-0086 EA 9' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) 19,264.30 563.13
 08 33 23 13-0087 EA 9' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) 19,866.54 581.57
 08 33 23 13-0088 EA 9' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) 20,527.74 600.02

08 33 23 13-0089 10' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) (08 33 23 13-0056)

08 33 23 13-0090 EA 10' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) 17,584.17 507.79
 08 33 23 13-0091 EA 10' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) 18,189.88 526.24
 08 33 23 13-0092 EA 10' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) 18,736.63 544.68
 08 33 23 13-0093 EA 10' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) 19,321.53 563.13
 08 33 23 13-0094 EA 10' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) 19,970.59 581.57
 08 33 23 13-0095 EA 10' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) 20,097.66 600.02



		Openings	08	08
		Specialty Doors and Frames	08 30	
		Coiling Doors and Grilles	08 33	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0096 EA 10' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	21,204.54	618.46
08 33 23 13-0097 11' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) (08 33 23 13-0096)		
08 33 23 13-0098 EA 11' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	18,222.83	526.24
08 33 23 13-0099 EA 11' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	18,783.45	544.68
08 33 23 13-0100 EA 11' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	19,375.29	563.13
08 33 23 13-0101 EA 11' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	20,026.09	581.57
08 33 23 13-0102 EA 11' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	20,451.44	600.02
08 33 23 13-0103 EA 11' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	21,298.19	618.46
08 33 23 13-0104 EA 11' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	21,990.62	636.91
08 33 23 13-0105 12' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) (08 33 23 13-0096)		
08 33 23 13-0106 EA 12' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	18,799.06	544.68
08 33 23 13-0107 EA 12' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	19,406.50	563.13
08 33 23 13-0108 EA 12' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	20,069.44	581.57
08 33 23 13-0109 EA 12' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	20,510.40	600.02
08 33 23 13-0110 EA 12' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	21,091.82	618.46
08 33 23 13-0111 EA 12' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	22,070.39	636.91
08 33 23 13-0112 EA 12' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	22,748.94	655.35
08 33 23 13-0113 Rytec® PredaDoor® Door Options (08 33 23 13-0096)		
08 33 23 13-0114 EA Up To 10' Wide Doors, Roll And Motor Hood For Rytec® PredaDoor® High-Speed Rolling Doors.....	780.63	108.50
08 33 23 13-0115 EA >10' To 15' Wide Doors, Roll And Motor Hood For Rytec® PredaDoor® High-Speed Rolling Doors.....	1,153.48	108.50
08 33 23 13-0116 SF Upgrade To 3-Ply Rilon Panel Material For Rytec® PredaDoor® High-Speed Rolling Doors.....	14.05	
08 33 23 13-0117 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) (08 33 23 13-0117)		
Note: Rytec® Fast-Seal® FS1000. Door panel is heavy-duty 3-ply multi-filament Rilon. Independent opening and closing speeds up to 50" per second. Side frames are fully bolted together, reinforced with front and rear wind bar guides and full height vinyl weather seal on either side of the door panel. Counterbalance system consists of guided counterweights custom-sized to provide to provide proper balancing of each door system. The independent tension system maintains constant panel tensioning. The drive system is a 3 phase, variable speed AC drive motor with brake and absolute encoder. Bottom bar breaks away in either direction without damage to the bar, safety astragal, or side covers.		
08 33 23 13-0118 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) (08 33 23 13-0117)		
08 33 23 13-0119 8' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) (08 33 23 13-0118)		
08 33 23 13-0120 EA 8' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	24,078.02	976.52
For NEMA 4X Control Box, Add	675.00	
For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
For AC Variable Speed Motor And Controls, Add	2,750.00	
For 304 Stainless Steel Side Frame Tower, Add	2,200.00	
For 316 Stainless Steel Side Frame Tower, Add	3,300.00	
08 33 23 13-0121 EA 8' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	25,175.61	1,004.20
For NEMA 4X Control Box, Add	675.00	
For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
For AC Variable Speed Motor And Controls, Add	2,750.00	
For 304 Stainless Steel Side Frame Tower, Add	2,200.00	
For 316 Stainless Steel Side Frame Tower, Add	3,300.00	
08 33 23 13-0122 EA 8' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	26,131.00	1,031.86
For NEMA 4X Control Box, Add	675.00	
For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
For AC Variable Speed Motor And Controls, Add	2,750.00	
For 304 Stainless Steel Side Frame Tower, Add	2,200.00	
For 316 Stainless Steel Side Frame Tower, Add	3,300.00	
08 33 23 13-0123 EA 8' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	27,159.23	1,059.53
For NEMA 4X Control Box, Add	675.00	
For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
For AC Variable Speed Motor And Controls, Add	2,750.00	
For 304 Stainless Steel Side Frame Tower, Add	2,200.00	
For 316 Stainless Steel Side Frame Tower, Add	3,300.00	
08 33 23 13-0124 EA 8' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	28,326.19	1,087.19
For NEMA 4X Control Box, Add	675.00	
For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
For AC Variable Speed Motor And Controls, Add	2,750.00	
For 304 Stainless Steel Side Frame Tower, Add	2,200.00	
For 316 Stainless Steel Side Frame Tower, Add	3,300.00	
08 33 23 13-0125 EA 8' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	28,934.74	1,114.86
For NEMA 4X Control Box, Add	675.00	
For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
For AC Variable Speed Motor And Controls, Add	2,750.00	
For 304 Stainless Steel Side Frame Tower, Add	2,200.00	
For 316 Stainless Steel Side Frame Tower, Add	3,300.00	

08 Openings**08 30 Specialty Doors and Frames****08 33 Coiling Doors and Grilles**

MINOR			TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
08 33 23 13-0126	EA	8' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	29,890.12	1,142.54
		For NEMA 4X Control Box, Add	675.00	
		For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
		For AC Variable Speed Motor And Controls, Add	2,750.00	
		For 304 Stainless Steel Side Frame Tower, Add	2,200.00	
		For 316 Stainless Steel Side Frame Tower, Add	3,300.00	
08 33 23 13-0127	EA	8' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	30,740.12	1,172.24
		For NEMA 4X Control Box, Add	675.00	
		For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
		For AC Variable Speed Motor And Controls, Add	2,750.00	
		For 304 Stainless Steel Side Frame Tower, Add	2,200.00	
		For 316 Stainless Steel Side Frame Tower, Add	3,300.00	
08 33 23 13-0128	EA	8' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	32,099.03	1,202.71
		For NEMA 4X Control Box, Add	675.00	
		For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
		For AC Variable Speed Motor And Controls, Add	2,750.00	
		For 304 Stainless Steel Side Frame Tower, Add	2,200.00	
		For 316 Stainless Steel Side Frame Tower, Add	3,300.00	
08 33 23 13-0129	EA	8' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	33,195.44	1,233.98
		For NEMA 4X Control Box, Add	675.00	
		For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
		For AC Variable Speed Motor And Controls, Add	2,750.00	
		For 304 Stainless Steel Side Frame Tower, Add	2,200.00	
		For 316 Stainless Steel Side Frame Tower, Add	3,300.00	
08 33 23 13-0130	EA	8' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	34,555.67	1,266.07
		For NEMA 4X Control Box, Add	675.00	
		For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
		For AC Variable Speed Motor And Controls, Add	2,750.00	
		For 304 Stainless Steel Side Frame Tower, Add	2,200.00	
		For 316 Stainless Steel Side Frame Tower, Add	3,300.00	
08 33 23 13-0131		9' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) (08 33 23 13-0118)		
08 33 23 13-0132	EA	9' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	25,175.61	1,004.20
		For NEMA 4X Control Box, Add	675.00	
		For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
		For AC Variable Speed Motor And Controls, Add	2,750.00	
		For 304 Stainless Steel Side Frame Tower, Add	2,750.00	
		For 316 Stainless Steel Side Frame Tower, Add	4,125.00	
08 33 23 13-0133	EA	9' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	26,131.00	1,031.86
		For NEMA 4X Control Box, Add	675.00	
		For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
		For AC Variable Speed Motor And Controls, Add	2,750.00	
		For 304 Stainless Steel Side Frame Tower, Add	2,750.00	
		For 316 Stainless Steel Side Frame Tower, Add	4,125.00	
08 33 23 13-0134	EA	9' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	27,159.23	1,059.53
		For NEMA 4X Control Box, Add	675.00	
		For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
		For AC Variable Speed Motor And Controls, Add	2,750.00	
		For 304 Stainless Steel Side Frame Tower, Add	2,750.00	
		For 316 Stainless Steel Side Frame Tower, Add	4,125.00	
08 33 23 13-0135	EA	9' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	28,326.19	1,087.19
		For NEMA 4X Control Box, Add	675.00	
		For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
		For AC Variable Speed Motor And Controls, Add	2,750.00	
		For 304 Stainless Steel Side Frame Tower, Add	2,750.00	
		For 316 Stainless Steel Side Frame Tower, Add	4,125.00	
08 33 23 13-0136	EA	9' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	28,934.74	1,114.86
		For NEMA 4X Control Box, Add	675.00	
		For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
		For AC Variable Speed Motor And Controls, Add	2,750.00	
		For 304 Stainless Steel Side Frame Tower, Add	2,750.00	
		For 316 Stainless Steel Side Frame Tower, Add	4,125.00	
08 33 23 13-0137	EA	9' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	29,890.12	1,142.54
		For NEMA 4X Control Box, Add	675.00	
		For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
		For AC Variable Speed Motor And Controls, Add	2,750.00	
		For 304 Stainless Steel Side Frame Tower, Add	2,750.00	
		For 316 Stainless Steel Side Frame Tower, Add	4,125.00	
08 33 23 13-0138	EA	9' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	31,124.72	1,170.20
		For NEMA 4X Control Box, Add	675.00	
		For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
		For AC Variable Speed Motor And Controls, Add	2,750.00	
		For 304 Stainless Steel Side Frame Tower, Add	2,750.00	
		For 316 Stainless Steel Side Frame Tower, Add	4,125.00	
08 33 23 13-0139	EA	9' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	32,099.03	1,202.71
		For NEMA 4X Control Box, Add	675.00	
		For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
		For AC Variable Speed Motor And Controls, Add	2,750.00	
		For 304 Stainless Steel Side Frame Tower, Add	2,750.00	
		For 316 Stainless Steel Side Frame Tower, Add	4,125.00	



Openings		08	08
Specialty Doors and Frames		08 30	
Coiling Doors and Grilles		08 33	

MINOR		DESCRIPTION	TOTAL DIRECT	DEMOLITION
CSI	UOM		UNIT COST	UNIT COST
08 33 23 13-0140	EA	9' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	33,195.44 675.00 1,100.00 2,750.00 2,750.00 4,125.00	1,233.98
08 33 23 13-0141	EA	9' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	34,555.67 675.00 1,100.00 2,750.00 2,750.00 4,125.00	1,266.07
08 33 23 13-0142	EA	9' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	36,177.93 675.00 1,100.00 2,750.00 2,750.00 4,125.00	1,298.98
08 33 23 13-0143		10' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) (08 33 23 13-0118)		
08 33 23 13-0144	EA	10' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	26,131.00 675.00 1,100.00 2,750.00 3,300.00 4,950.00	1,031.86
08 33 23 13-0145	EA	10' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	27,159.23 675.00 1,100.00 2,750.00 3,300.00 4,950.00	1,059.53
08 33 23 13-0146	EA	10' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	28,326.19 675.00 1,100.00 2,750.00 3,300.00 4,950.00	1,087.19
08 33 23 13-0147	EA	10' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	28,934.74 675.00 1,100.00 2,750.00 3,300.00 4,950.00	1,114.86
08 33 23 13-0148	EA	10' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	29,890.12 675.00 1,100.00 2,750.00 3,300.00 4,950.00	1,142.54
08 33 23 13-0149	EA	10' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	31,124.72 675.00 1,100.00 2,750.00 3,300.00 4,950.00	1,170.20
08 33 23 13-0150	EA	10' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	32,289.95 675.00 1,100.00 2,750.00 3,300.00 4,950.00	1,197.87
08 33 23 13-0151	EA	10' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	33,194.23 675.00 1,100.00 2,750.00 3,300.00 4,950.00	1,233.39
08 33 23 13-0152	EA	10' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	34,554.43 675.00 1,100.00 2,750.00 3,300.00 4,950.00	1,265.46
08 33 23 13-0153	EA	10' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	36,176.66 675.00 1,100.00 2,750.00 3,300.00 4,950.00	1,298.36

08 Openings**08 30 Specialty Doors and Frames****08 33 Coiling Doors and Grilles**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0154	EA		10' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	37,542.12 675.00 1,100.00 2,750.00 3,300.00 4,950.00	1,332.11
08 33 23 13-0155 11' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) (08 33 23 13-0118)					
08 33 23 13-0156	EA		11' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	27,159.23 675.00 1,100.00 2,750.00 3,850.00 5,775.00	1,059.53
08 33 23 13-0157	EA		11' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	28,326.19 675.00 1,100.00 2,750.00 3,850.00 5,775.00	1,087.19
08 33 23 13-0158	EA		11' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	28,934.74 675.00 1,100.00 2,750.00 3,850.00 5,775.00	1,114.86
08 33 23 13-0159	EA		11' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	29,890.12 675.00 1,100.00 2,750.00 3,850.00 5,775.00	1,142.54
08 33 23 13-0160	EA		11' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	31,124.72 675.00 1,100.00 2,750.00 3,850.00 5,775.00	1,170.20
08 33 23 13-0161	EA		11' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	32,289.95 675.00 1,100.00 2,750.00 3,850.00 5,775.00	1,197.87
08 33 23 13-0162	EA		11' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	33,593.91 675.00 1,100.00 2,750.00 3,850.00 5,775.00	1,225.53
08 33 23 13-0163	EA		11' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	34,551.47 675.00 1,100.00 2,750.00 3,850.00 5,775.00	1,263.98
08 33 23 13-0164	EA		11' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	36,173.62 675.00 1,100.00 2,750.00 3,850.00 5,775.00	1,296.84
08 33 23 13-0165	EA		11' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	37,539.00 675.00 1,100.00 2,750.00 3,850.00 5,775.00	1,330.56
08 33 23 13-0166	EA		11' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	39,162.74 675.00 1,100.00 2,750.00 3,850.00 5,775.00	1,365.15

08 33 23 13-0167 12' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) (08 33 23 13-0118)



Openings		08	08
Specialty Doors and Frames		08 30	
Coiling Doors and Grilles		08 33	

MINOR		DESCRIPTION	TOTAL DIRECT	DEMOLITION
CSI	UOM		UNIT COST	UNIT COST
08 33 23 13-0168	EA	12' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	28,326.19 675.00 1,100.00 2,750.00 4,400.00 6,600.00	1,087.19
08 33 23 13-0169	EA	12' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	28,934.74 675.00 1,100.00 2,750.00 4,400.00 6,600.00	1,114.86
08 33 23 13-0170	EA	12' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	29,890.12 675.00 1,100.00 2,750.00 4,400.00 6,600.00	1,142.54
08 33 23 13-0171	EA	12' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	31,124.72 675.00 1,100.00 2,750.00 4,400.00 6,600.00	1,170.20
08 33 23 13-0172	EA	12' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	32,289.95 675.00 1,100.00 2,750.00 4,400.00 6,600.00	1,197.87
08 33 23 13-0173	EA	12' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	33,593.91 675.00 1,100.00 2,750.00 4,400.00 6,600.00	1,225.53
08 33 23 13-0174	EA	12' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	34,528.49 675.00 1,100.00 2,750.00 4,400.00 6,600.00	1,253.20
08 33 23 13-0175	EA	12' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	36,169.08 675.00 1,100.00 2,750.00 4,400.00 6,600.00	1,294.56
08 33 23 13-0176	EA	12' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	37,534.33 675.00 1,100.00 2,750.00 4,400.00 6,600.00	1,328.22
08 33 23 13-0177	EA	12' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	39,157.94 675.00 1,100.00 2,750.00 4,400.00 6,600.00	1,362.76
08 33 23 13-0178	EA	12' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	40,783.35 675.00 1,100.00 2,750.00 4,400.00 6,600.00	1,398.19
08 33 23 13-0179		13' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) (08 33 23 13-0118)		
08 33 23 13-0180	EA	13' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	29,649.23 675.00 1,100.00 2,750.00 4,950.00 6,975.00	1,114.86
08 33 23 13-0181	EA	13' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	30,873.41 675.00 1,100.00 2,750.00 4,950.00 6,975.00	1,142.54

08 Openings**08 30 Specialty Doors and Frames****08 33 Coiling Doors and Grilles**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0182	EA	13' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	.....	32,033.44	1,170.20
		For NEMA 4X Control Box, Add	.....	675.00	
		For 2 Speed Motor, 60" Open, 30" Close, Add	.....	1,100.00	
		For AC Variable Speed Motor And Controls, Add	.....	2,750.00	
		For 304 Stainless Steel Side Frame Tower, Add	.....	4,950.00	
		For 316 Stainless Steel Side Frame Tower, Add	.....	6,975.00	
08 33 23 13-0183	EA	13' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	.....	33,382.50	1,197.87
		For NEMA 4X Control Box, Add	.....	675.00	
		For 2 Speed Motor, 60" Open, 30" Close, Add	.....	1,100.00	
		For AC Variable Speed Motor And Controls, Add	.....	2,750.00	
		For 304 Stainless Steel Side Frame Tower, Add	.....	4,950.00	
		For 316 Stainless Steel Side Frame Tower, Add	.....	6,975.00	
08 33 23 13-0184	EA	13' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	.....	34,726.34	1,225.53
		For NEMA 4X Control Box, Add	.....	675.00	
		For 2 Speed Motor, 60" Open, 30" Close, Add	.....	1,100.00	
		For AC Variable Speed Motor And Controls, Add	.....	2,750.00	
		For 304 Stainless Steel Side Frame Tower, Add	.....	4,950.00	
		For 316 Stainless Steel Side Frame Tower, Add	.....	6,975.00	
08 33 23 13-0185	EA	13' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	.....	35,721.62	1,253.20
		For NEMA 4X Control Box, Add	.....	675.00	
		For 2 Speed Motor, 60" Open, 30" Close, Add	.....	1,100.00	
		For AC Variable Speed Motor And Controls, Add	.....	2,750.00	
		For 304 Stainless Steel Side Frame Tower, Add	.....	4,950.00	
		For 316 Stainless Steel Side Frame Tower, Add	.....	6,975.00	
08 33 23 13-0186	EA	13' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	.....	36,475.83	1,280.88
		For NEMA 4X Control Box, Add	.....	675.00	
		For 2 Speed Motor, 60" Open, 30" Close, Add	.....	1,100.00	
		For AC Variable Speed Motor And Controls, Add	.....	2,750.00	
		For 304 Stainless Steel Side Frame Tower, Add	.....	4,950.00	
		For 316 Stainless Steel Side Frame Tower, Add	.....	6,975.00	
08 33 23 13-0187	EA	13' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	.....	37,635.13	1,325.24
		For NEMA 4X Control Box, Add	.....	675.00	
		For 2 Speed Motor, 60" Open, 30" Close, Add	.....	1,100.00	
		For AC Variable Speed Motor And Controls, Add	.....	2,750.00	
		For 304 Stainless Steel Side Frame Tower, Add	.....	4,950.00	
		For 316 Stainless Steel Side Frame Tower, Add	.....	6,975.00	
08 33 23 13-0188	EA	13' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	.....	39,260.47	1,359.69
		For NEMA 4X Control Box, Add	.....	675.00	
		For 2 Speed Motor, 60" Open, 30" Close, Add	.....	1,100.00	
		For AC Variable Speed Motor And Controls, Add	.....	2,750.00	
		For 304 Stainless Steel Side Frame Tower, Add	.....	4,950.00	
		For 316 Stainless Steel Side Frame Tower, Add	.....	6,975.00	
08 33 23 13-0189	EA	13' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	.....	40,893.20	1,395.06
		For NEMA 4X Control Box, Add	.....	675.00	
		For 2 Speed Motor, 60" Open, 30" Close, Add	.....	1,100.00	
		For AC Variable Speed Motor And Controls, Add	.....	2,750.00	
		For 304 Stainless Steel Side Frame Tower, Add	.....	4,950.00	
		For 316 Stainless Steel Side Frame Tower, Add	.....	6,975.00	
08 33 23 13-0190	EA	13' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	.....	42,329.24	1,431.32
		For NEMA 4X Control Box, Add	.....	675.00	
		For 2 Speed Motor, 60" Open, 30" Close, Add	.....	1,100.00	
		For AC Variable Speed Motor And Controls, Add	.....	2,750.00	
		For 304 Stainless Steel Side Frame Tower, Add	.....	4,950.00	
		For 316 Stainless Steel Side Frame Tower, Add	.....	6,975.00	
08 33 23 13-0191		14' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) (08 33 23 13-0182)	.....		
08 33 23 13-0192	EA	14' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	.....	30,873.41	1,142.54
		For NEMA 4X Control Box, Add	.....	675.00	
		For 2 Speed Motor, 60" Open, 30" Close, Add	.....	1,100.00	
		For AC Variable Speed Motor And Controls, Add	.....	2,750.00	
		For 304 Stainless Steel Side Frame Tower, Add	.....	5,480.00	
		For 316 Stainless Steel Side Frame Tower, Add	.....	7,370.00	
08 33 23 13-0193	EA	14' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	.....	32,033.44	1,170.20
		For NEMA 4X Control Box, Add	.....	675.00	
		For 2 Speed Motor, 60" Open, 30" Close, Add	.....	1,100.00	
		For AC Variable Speed Motor And Controls, Add	.....	2,750.00	
		For 304 Stainless Steel Side Frame Tower, Add	.....	5,480.00	
		For 316 Stainless Steel Side Frame Tower, Add	.....	7,370.00	
08 33 23 13-0194	EA	14' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	.....	33,382.50	1,197.87
		For NEMA 4X Control Box, Add	.....	675.00	
		For 2 Speed Motor, 60" Open, 30" Close, Add	.....	1,100.00	
		For AC Variable Speed Motor And Controls, Add	.....	2,750.00	
		For 304 Stainless Steel Side Frame Tower, Add	.....	5,480.00	
		For 316 Stainless Steel Side Frame Tower, Add	.....	7,370.00	
08 33 23 13-0195	EA	14' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	.....	34,726.34	1,225.53
		For NEMA 4X Control Box, Add	.....	675.00	
		For 2 Speed Motor, 60" Open, 30" Close, Add	.....	1,100.00	
		For AC Variable Speed Motor And Controls, Add	.....	2,750.00	
		For 304 Stainless Steel Side Frame Tower, Add	.....	5,480.00	
		For 316 Stainless Steel Side Frame Tower, Add	.....	7,370.00	