PRICING TAB

Number	Description of Cost Factors	Unit of Measure	Offeror's Bid
	Water Resistant Roofing		
1	Pressure cleaning, vertical walls	SF	$2.24
2	Pressure cleaning, horizontal surfaces	SF	$0.98
3	Roof scanning to identify wet or substandard room components to be removed	SF	$0.10
4	Asphalt emulsion coating, waterproofing, brush applied, per coat	SF	$3.23
5	Rubberized coating waterproofing, brush applied, per	SF	$4.64
6	Vinyl/acrylic resin, damp proofing, brush applied per	SF	$5.50
7	Non-pigmented synthetic resin, waterproofing, one coat sprayed on	SF	$16.46
8	Caulking: remove existing, clean and prime joint	LF	$2.67
9	Caulking, epoxied urethane compound, 2 component, 1/4" x 1/4", in place	LF	$3.26
10	Caulking, polyurethane, 1 component, 1/4" x 1/4", in place	LF	$5.16
11	Caulking, polyurethane, 1 component, 1/2" x 1/2", in place	LF	$8.31
12	Caulking, silicone rubber, 1 component, 1/4" x 1/4", in place	LF	$5.31
13	Caulking, epoxied urethane compound, 2 component, 1/4" x 1/4", in place	LF	$3.26
14	Caulking, silicone rubber, 1 component, 3/4" x 3/8", in place	LF	$8.44
15	Backer rod, polyethylene, 3/8" diameter, installed in prepared opening	LF	$1.67
16	Backer rod, polyethylene, 1/2" diameter, installed in prepared opening	LF	$2.07
17	Backer rod, polyethylene, 3/4" diameter, installed in prepared opening	LF	$2.48
18	Backer rod, polyethylene, 1" diameter, installed in prepared opening	LF	$2.83

Number	Description of Cost Factors	Unit of Measure	Offeror's Bid
19	Building paper, asphalt felt sheathing paper, 1 ply, 15#, in place	SF	$1.22
20	Building paper, asphalt felt sheathing paper, 1 ply, 40#, in place	SF	$1.84
21	Building paper, red rosin paper, 5 square rolls, 4#, in place	SF	$1.96
22	Vapor retarder adhered, 2 ply inorganic, glass Type 15, applied in Type IV (or appropriate type) asphalt, in place	SF	$2.62
23	Vapor retarder, 2 ply organic, Type 15 pound, applied in Type IV asphalt (or appropriate type), in place	SF	$2.62
24	Vapor retarder; 2-ply inorganic, glass, Type IV, applied in cold adhesive to 4' x 8' x 1/4" glass-mat embedded, water resistant gypsum core panel mechanically fastened	SF	$6.00
	Insulation		
1	Demolition of roof insulation, per inch of depth	SF	$3.67
2	Demolition of lightweight cementitious fills, per inch of depth	SF	$5.51
3	Roof deck insulation, Isocyanurate in 4' x 4' or 4' x 8' sheets with fiberglass facers, 1" thick, R-6.6, applied Type IV asphalt		
3a	Hot applications	SF	$7.05
3b	Cold applications	SF	$9.95
4	Roof deck insulation, Isocyanurate in 4' x 4' or 4' x 8' sheets with fiberglass facers, 1 1/2" thick, R-10.0, applied Type IV asphalt		
4a	Hot applications	SF	$7.95
4b	Cold applications	SF	$11.14

Number	Description of Cost Factors	Unit of Measure	Offeror's Bid
5	Roof deck insulation, Isocyanurate in 4' x 4' or 4' x 8' sheets, 1" thick, R-6.6, mechanically fastened	SF	$7.96
6	Roof deck insulation, Isocyanurate in 4' x 4' or 4' x 8' sheets with fiberglass facers, 1 1/2" thick, R-10.0, mechanically fastened	SF	$8.16
7	Roof deck insulation, fiberboard in 4' x 4' sheets, 1/2" thick, R-1.39, applied Type IV asphalt		
7a	Hot applications	SF	$1.45
7b	Cold applications	SF	$2.77
8	Roof deck insulation, fiberboard in 4' x 8' sheets, 25/32" thick, R-2.4, installed hot/cold or mechanically attached coated six sides		
8a	Hot applications	SF	$2.90
8b	Cold applications	SF	$5.54
8c	Mechanically attached	SF	$3.32
9	Roof deck insulation, fiberboard in 4' x 4', 1" thick, R-2.78, applied Type IV asphalt (or appropriate asphalt), coated six sides		
9a	Hot applications	SF	$2.90
9b	Cold applications	SF	$5.54
10	Roof deck insulation, fiberboard in 4' x 4' sheets, 1/2" thick, R-1.39, mechanically fastened, coated six sides	SF	$1.66
11	Roof deck insulation, fiberboard in 4' x 4', 1" thick, R-2.78, mechanically fastened, coated six sides	SF	$3.32
12	Roof deck insulation, lightweight cellular wire reinforced concrete fill, R- value depending on thickness, per inch of depth	SF	$13.48

Number	Description of Cost Factors	Unit of Measure	Offeror's Bid
13	Roof deck insulation, vermiculite at 1/8:12, R-value depending on thickness, per inch of depth	SF	$11.11
14	Roof deck insulation, vermiculite at 1/4:12, R-value depending on thickness, per inch of depth	SF	$11.98
15	Roof deck insulation, gypsum panels, 3” thick	SF	$61.56
16	Roof deck insulation, Isocyanurate (black facer only), tapered, 1/8” per foot slope, Type IV asphalt, per inch of depth	SF	$6.88
17	Roof deck insulation, Isocyanurate (black facer only), tapered, 1/4” per foot slope, Type IV asphalt, per inch of depth	SF	$9.63
18	Cold insulation adhesive	SF	2.17
19	CDX Gypsum, 1/4" x 4' x 8'		
19a	Mechanically attached	SF	$2.94
19b	Set into adhesive	SF	$3.70
20	CDX Gypsum, 1/2" x 4' x 8'		
20a	Mechanically attached	SF	$2.94
20b	Set into adhesive	SF	$3.70
21	CDX Gypsum with fiberglass, facer: 1/4" x 4' x 8'		
21a	Mechanically attached	SF	$2.94
21b	Set into adhesive	SF	$3.70
22	CDX Gypsum with fiberglass facer: 1/2” x 4’ x 8’		
22a	Mechanically attached	SF	$2.67
22b	Set into adhesive	SF	$3.36
	Roof Tiles and Shingles		
1	Remove composition shingles and felts to decking	SF	$1.47
2	Test for asbestos prior to removal	Each	$2,750.00

Number	Description of Cost Factors	Unit of Measure	Offeror's Bid
3	Remove clay, concrete, or slate roof tiles to decking	SF	$4.47
4	Remove wood shingles and felts to decking	SF	$3.93
5	Shingles, fiberglass, Class A, 25-year strip shingles, slopes 3:12 or greater	SF	$8.99
6	Shingles, fiberglass, Class A, 30-year, premium laminated multilayered	SF	$9.06
7a	Replace clay or concrete roof tiles	Each	$94.60
7b	Replace/repair other shingles	Each	$72.60
8	Self-adhering ice and water shield membrane for shingles, tiles, metal waterways, penetrations, valleys, ridges, edges, etc.	SF	$2.72
	Roofing and Roof Restoration		
1	Remove built-up roof, multi-ply aggregate, non-asbestos, 1" thick or less	SF	$3.64
2	Remove single-ply roof: ballast, and membrane only	SF	$2.28
3	Remove single-ply roof, membrane partially or fully adhered	SF	$2.93
4	Remove single-ply roof, membrane mechanically attached	SF	$2.93
5	Remove copper sheet roofing	SF	$3.64
6	Base sheet, 3-ply fiberglass, Type IV (or appropriate type) asphalt (17 year roof)	SF	$6.91
7	Base sheet, 4-ply fiberglass, mechanically attached (17-year roof)	SF	$7.94
8	Fiberglass cap finishing membrane	SF	$14.20
9	Base sheet with 2 ply, fiberglass felts, Type IV asphalt (or appropriate type)	SF	$4.84
10	Base sheet with 3 ply, fiberglass felts, Type IV asphalt (or appropriate type)	SF	$6.91

Number	Description of Cost Factors	Unit of Measure	Offeror's Bid
11	Base sheet mechanically attached with 4 ply, Type VI fiberglass felts, Type IV (or appropriate type) asphalt	SF	$7.94
12	Nail base sheet, 3 ply Type VI fiberglass felts, fiberglass cap, Type IV (or appropriate type) asphalt.	SF	$9.80
13	Base sheet with 4 ply; 2 polyester and 2 fiberglass felts, Type IV (or appropriate type) asphalt (20 year roof)	SF	$14.61
14	Built-up roof, base sheet with 3 ply polyester roofing sheet, Type IV (or appropriate type) asphalt (20 year roof)	SF	$15.92
15	Built-up roof, base sheet with 3 ply Type GS fiberglass, cold process adhesive (20 year roof)	SF	$15.92
16	Built-up roof base sheet plus 4 ply Type G2 fiberglass, cold process adhesive (30 year roof)	SF	$18.29
17	Built-up roof, base sheet, 1 ply Type VI fiberglass, 1 ply modified bitumen sheet, fire rated, Type IV asphalt (15 year roof)	SF	$9.34
18	Built-up roof, base sheet, 2 ply polyester roofing sheet, 1 ply modified bitumen sheet, fire rated, Type IV asphalt (or appropriate type) (20 year roof)	SF	$12.24
19	Built-up roof, base sheet, G-2, 33 lb., mechanically attached	SF	$2.42
20	Built-up roof, base sheet, G-2, 33 lb., Type IV asphalt	SF	$2.89
21	Built-up roof, premium asphalt, added cost per ply per square foot	SF	$1.03
22	Built-up roof, modified bitumen adhesive, added cost per ply per square foot	SF	$2.38
23	Built-up roof, surface with cold asphaltic surfacing adhesive and gravel	SF	$16.39
24	Built-up roof, surface with emulsion and granules	SF	$4.84

Number	Description of Cost Factors	Unit of Measure	Offeror's Bid
25	Built-up roof, surface with emulsion and aluminum coating	SF	$10.53
26	Built-up roof, surface with emulsion and white elastomeric coating	SF	$12.41
27	Built-up roof, surface with aluminum coating or paint	SF	$14.20
28	Built-up roofing, surface with high solids white elastomeric coating	SF	$16.08
29	Built-up roofing repairs; fibered asphalt mastic, brush grade, with fiberglass mesh.	SF	$13.54
30	Built-up roofing repairs; pitch-based mastic, with fiberglass mesh	SF	$20.32
31	Built-up roofing repairs; elastomeric mastic, with fiberglass mesh	SF	$20.39
32	Built-up roofing restoration, coal tar pitch roofs	SF	$11.54
33	Built-up roofing restoration, odorless, coal tar pitch or asphalt roofs	SF	$17.31
34	Single-ply roof, CSPE, 45 mils reinforced, asbestos free, mechanically fastened	SF	$4.62
35	Single-ply roof, CSPE, 60 mils reinforced, asbestos free, mechanically fastened	SF	$11.14
36	Single-ply roofing repairs (CSPE, PVC, and EPDM)		
36a	CSPE	SF	$12.72
36b	PVC	SF	$8.46
36c	EPDM	SF	$7.11
37	Flashing membrane, 2 ply, Type IV or Type VI fiberglass	SF	$20.78
38	Flashing membrane, 1 ply polyester and 1 ply modified bitumen	SF	$29.99
39	Flashing membrane, 2 ply, polyester	SF	$34.17
40	Flashing membrane, CSPE	SF	$21.09
41	Flashing membrane, CSPE with aluminum coating	SF	$24.71

Number	Description of Cost Factors	Unit of Measure	Offeror's Bid
42	Polyurethane foam roofing	BF	$2.75
43	Additional Polyurethane foam coating	SF	$5.37
44	Single-ply roof, EDPM, 45 mils reinforced, mechanically fastened	SF	$2.68
45	Single-ply roof, EDPM, 60 mils fully adhered	SF	$6.40
46	Built-up roof, base sheet with 3 ply trilaminate ply, cold process adhesive (25 year roof)	SF	$15.92
47	Built-up roof, surface with premium asphalt, and gravel.	SF	$11.21
48	Built-up roof, surface with Fire Retardant Aluminum coating or paint, single coat	SF	$14.20
49	Modified Bitumen roof, base sheet, cap sheet, cold Modified Bitumen Adhesive	SF	$13.93
50	Built-up roof, 3 ply fiberglass felts, Type IV asphalt	SF	$6.91
51	Single ply Roof, 45 mils fully adhered with bonding adhesive	SF	$10.19
52	Single ply roof, TPA Fleece Back, 45 mils fully adhered with hot asphalt	SF	$7.43
53	Single ply roof, 45 mils mechanically attached	SF	$4.62
54	Base sheet mechanically attached with 3 ply fiberglass felts, Type 1 - Coal Tar Pitch	SF	$12.31
55	Base sheet mechanically attached with 3 ply Organic felts, Type 1 - Coal Tar Pitch	SF	$12.31
56	Built-up roof, 4 ply Fiberglass felts, Type 1 Coal Tar Pitch	SF	$13.29
57	Build-up roof, 4 ply Organic felts, Type 1 Coal Tar Pitch	SF	$13.29
58	Built-up roof, surface with hot Coal Tar Pitch and gravel	SF	$17.70
59	Single ply repairs using 2 coat polyurethane, elastomeric coating system	SF	$9.01

Number	Description of Cost Factors	Unit of Measure	Offeror's Bid
60	Single ply repairs at laps or defects using 2 coats elastomeric coating system with reinforcement	SF	$15.10
61	Single ply roof, TPA fleece back, 60 mils fully adhered with hot asphalt	SF	$12.02
62	Single ply roof 60 mils fully adhered with bonding adhesive	SF	$15.46
63	Built-up roof, 1 ply Trilaminate, 1 ply Modified Bitumen Sheet, fire rated	SF	$16.08
	Masonry		
1	Brick, remove and reset, 1 to 50 sq ft	SF	$42.85
2	Brick, remove and reset, over 50 sq ft	SF	$33.35
3	Block, remove and reset	SF	$23.58
4	Coping stones, remove and reset	Each	$50.36
5	Brick, block or coping removal	Each	$34.96
6a	Brick, block and brick exterior wall maintenance, repair and application of protective coatings.		
6b	Selective Demolition of Concrete Block Masonry Units (CMU) with perimeter saw cutting- swingstage 4", 6" and 8" block (high-rise)	Each	$21.79
6c	Selective Demolition of Brick Masonry Units with perimeter saw cutting - swingstage one, two, and three wythe (high-rise)	SF	$54.95
6d	Selective Demolition of Brick Masonry Units with perimeter saw cutting - scaffolding one, two and three wythe (low-rise)	SF	$36.63
7	Selective Demolition of Mortar Joint with Perimeter Sawcutting – Swingstage (high-rise)		
7a	Removal of existing mortar (½" wide by ¾" depth)	SF	$23.30
7b	Removal of existing mortar (¾" wide by ¾" depth)	SF	$31.08

Number	Description of Cost Factors	Unit of Measure	Offeror's Bid
7c	Removal of existing mortar (½" wide by 1½" depth)	SF	$36.88
7d	Removal of existing mortar (¾" wide by 1½" depth)	SF	$48.53
8	Selective Demolition of Mortar Joint with Perimeter Sawcutting – Scaffolding (low-rise)		
8a	Removal of existing mortar (½" wide by ¾" depth)	SF	$15.53
8b	Removal of existing mortar (¾" wide by ¾" depth)	SF	$20.71
8c	Removal of existing mortar (½" wide by 1½" depth)	SF	$24.59
8d	Removal of existing mortar (¾" wide by 1½" depth)	SF	$32.35
9	New Pointing Work – Swingstage (high- rise)		
9a	Furnish and install new mortar (½" wide by ¾" depth)	SF	$46.60
9b	Furnish and install new mortar (¾" wide by ¾" depth)	SF	$52.43
9c	Furnish and install new mortar (½" wide by 1 ½" depth)	SF	$54.35
9d	Furnish and install new mortar (¾" wide by 1 ½" depth)	SF	$62.13

Number	Description of Cost Factors	Unit of Measure	Offeror's Bid
10	New Pointing Work – Scaffolding (low- rise)		
10a	Furnish and install new mortar (½" wide by ¾" depth)	SF	$31.06
10b	Furnish and install new mortar (¾" wide by ¾" depth)	SF	$34.95
10c	Furnish and install new mortar (½" wide by 1 ½" depth)	SF	$36.23
10d	Furnish and install new mortar (¾" wide by 1 ½" depth)	SF	$41.42
11	Removal of Roof Parapets – Swingstage (high-rise)		
11a	Removal of 3 wythe brick parapet wall (24" high)	SF	$485.41
11b	Removal of 3 wythe brick parapet wall (42" high)	SF	$873.71
11c	Removal of 2 wythe brick parapet wall (24" high)	SF	$407.75
11d	Removal of 3 wythe brick parapet wall (42" high)	SF	$798.96

Number	Description of Cost Factors	Unit of Measure	Offeror's Bid
12	Removal of Roof Parapets – Scaffolding (low-rise)		
12a	Removal of 3 wythe brick parapet wall (24" high)	SF	$323.61
12b	Removal of 3 wythe brick parapet wall (42" high)	SF	$582.47
12c	Removal of 2 wythe brick parapet wall (24" high)	SF	$271.83
12d	Removal of 3 wythe brick parapet wall (42" high)	SF	$532.64
13	Reconstruction of Brick Masonry Roof Parapets – Swingstage (high-rise)		
13a	New brick masonry parapet w/stone coping and flashings (3 wythe - 24" high)	SF	$485.42
13b	New brick masonry parapet w/stone coping and flashings (3 wythe - 42" high)	SF	$873.71
13c	New brick masonry parapet w/stone coping and flashings (2 wythe - 24" high)	SF	$407.75
13d	New brick masonry parapet w/stone coping and flashings (2 wythe - 42" high)	SF	$815.46
14	Reconstruction of Brick Masonry Roof Parapets – Scaffolding (low-rise)		

Number	Description of Cost Factors	Unit of Measure	Offeror's Bid
14a	New brick masonry parapet w/stone coping and flashings (3 wythe - 24" high)	SF	$323.61
14b	b) New brick masonry parapet w/stone coping and flashings (3 wythe - 42" high)	SF	$582.47
14c	c) New brick masonry parapet w/stone coping and flashings (2 wythe - 24" high)	SF	$271.83
14d	d) New brick masonry parapet w/stone coping and flashings (2 wythe - 42" high)	SF	$543.64
15	New Throughwall Flashings – Swingstage (high-rise)		
15a	Removal of 4 courses 1 wythe brick wall w/Temporary Shoring	SF	$194.17
15b	Removal and replacement of steel lintel	SF	$291.25
15c	Furnish and install new flashings (Bituthane)	SF	$77.67
15d	Furnish and install new flashings (Lead coated copper)	SF	$155.30
15e	Parging and waterproofing of back-up wall	SF	$108.72
16	New Throughwall Flashings – Scaffolding (low-rise)		
16a	Removal of 4 courses 1 wythe brick wall w/Temporary Shoring	SF	$129.45
16b	Removal and replacement of steel lintel	SF	$194.16
16c	Furnish and install new flashings (Bituthane)	SF	$51.78
16d	Furnish and install new flashings (Lead coated copper)	SF	$103.53
16e	Parging and waterproofing of back-up wall	SF	$72.48
17	Brick Masonry/Stone Stabilization		

Number	Description of Cost Factors	Unit of Measure	Offeror's Bid
17a	Drilling and installation of new friction pins with mortar cap	SF	$95.10
17b	Drilling and installation of new friction pins for lime stone with mortar cap	SF	$97.24
18	Limestone Removal and Replacement.		
18a	Removal of existing deteriorated architectural limestone	SF	$57.20
18b	Furnish and install new limestone replacement.	SF	$143.00
18c	Replacement of stone with lightweight polymer resin to match	SF	$429.00
18d	Minor patching of existing stone to match	SF	$357.50
19	Terra Cotta Removal and Replacement.		
19a	Removal of existing deteriorated architectural Terra Cotta	SF	$143.00
19b	Furnish and install new Terra Cotta replacement.	SF	$1,430.00
19c	Replacement of stone with lightweight polymer resin to match	SF	$429.00
19d	Minor patching of existing stone to match	SF	$357.50
20	Roof Coping Stones.		
20a	Removal of existing roof coping stones (16 inches)	SF	$359.73
20b	Removal and parging of existing substrate	SF	$113.06
20c	Furnish and install new lead coated copper flashings	SF	$113.06
20d	Drilling and epoxy grouting stainless steel pins	SF	$256.95
20e	Reinstallation of existing stones with cleaning	SF	$185.00
20f	Furnish and install new coping stones	SF	$668.06
20g	Furnish and install new sealants between coping stones.	SF	$56.94
20h	Cleaning and coating of existing stones.	SF	$65.78
21	CMU Backup Wall Repair and Waterproofing.		

Number	Description of Cost Factors	Unit of Measure	Offeror's Bid
21a	Replacement of Deteriorated CMU Back-up	SF	$218.46
21b	Parging of CMU back-up wall	SF	$67.11
21c	Waterproofing of back-up wall	SF	$57.87
22	Brick Masonry Piers		
22a	Isolated repair of existing masonry piers (removal and replacement)	SF	$178.75
22b	Reconstruction of isolated areas of pier	SF	$735.43
22c	Construction of new masonry piers.	SF	$107.25
23	Crack Repair		
23a	Drill and install new stainless steel pins.	Each	$94.58
23b	Grouting of open cracks	SF	$67.02
23c	Replacement of cracked bricks	SF	$130.60
24	Concrete Removal		
24a	Perimeter sawcutting	SF	$64.35
24b	Removal of existing concrete (2” depth).	SF	$50.05
24c	Removal of existing concrete (3.5” depth).	SF	$57.20
25	New Concrete and Coating		
25a	Placement of new high strength patching mortar (2” depth)	SF	297.85
25b	Placement of new high strength patching mortar (3.5” depth).	SF	352.74
25c	Cleaning and coating of concrete surface.	SF	27.24
25d	Sidewalk Bridging.	SF	9.76
25e	Temporary Roof Protection	SF	7.71
26	**Metal Work**		
26a	Remove standard metal decking	SF	$5.84
26b	Install metal decking; 1-1/2" deep, 20 gauge, standard profile	SF	$22.28
27	Install steel plate, two sizes	SF	$76.73
27a	10 Gauge, standard application	SF	$86.22
27b	Extra heavy-duty 1/4th inch	SF	$215.36
28	Remove metal counterflashing	LF	$6.88
28a	Counterflashing, galvanized, 24 gauge, 6" width	LF	$13.30

Number	Description of Cost Factors	Unit of Measure	Offeror's Bid
28b	Counterflashing, copper, 16 oz., 6" width	LF	$15.39
29	Remove metal edge, gravel stop, eave strip, or coping	LF	$9.63
29a	Metal edge raised, galvanized steel fascia/eave drip; 6" face, hemmed, continuous cleat, 3" deck flange	LF	$22.18
29b	Gravel stop, galvanized steel, 24 gauge, 6" face	LF	$13.30
30	Remove metal gutter	LF	$7.63
30a	Gutter, galvanized steel, ASTM 526, with 12.5oz./square foot galvanized coating, 24 gauge, 5" box or ogee style, joints and end caps shall be soldered	LF	$34.45
30b	Gutter, aluminum, .050" thick 5" box or ogee, painted, Kynar finish	LF	$40.47
30c	Gutter, copper, 16 oz, half round, 5" wide	LF	$38.14
30d	Gutter, copper, 16 oz, half round, 6" wide	LF	$42.90
31	Remove metal downspouts	LF	$8.25
31a	Downspouts, aluminum, .024" thick, 3" x 4", painted, installed	LF	$14.07
31b	Downspouts, GI, 24 gauge 3" x 4" installed	LF	$13.02
31c	Downspouts, GI, 24 gauge, 4" round, installed	LF	$19.98
31d	Downspouts, copper, 16 oz., 6" round, installed	LF	$42.90
31e	Downspouts, strainer	Each	$15.95
31f	Metal flashing, apron flashing, 9" wide	LF	$17.70
31g	Metal flashing, step flashing	Each	$5.84
31h	Metal splash pan, 16 oz.	Each	$63.25
31i	Metal trim, aluminum, .032" thick, painted	SF	$17.00
31j	Metal storm collar	Each	$126.50
31k	Metal coping, galvanized steel, 24 gauge, standing seam	SF	$20.54

Number	Description of Cost Factors	Unit of Measure	Offeror's Bid
31L	Metal coping, galvanized steel, 24 gauge, with butt plate	SF	$15.79
31m	Resolder joints in sheet metal	LF	$193.38
31n	Metal edge, aluminum, 0.50 thick 6" face painted	SF	$22.09
31n	Metal edge, aluminum, free floating fascia system	SF	$31.68
31o	Parapet wall metal	SF	$18.65
31p	Metal edge, anodized finished aluminum, free floating fascia system 8 inches	SF	$19.54
31q	Metal edge, high performance fluorocarbon finished aluminum, free floating fascia system 8 inches	SF	$44.28
31r	Metal edge, anodized finished aluminum, free floating fascia system 6 inches	SF	$32.51
31s	Metal edge, high performance fluorocarbon finished aluminum, free floating fascia system 6 inches	SF	$38.34
32	New Aluminum Metal Cladding		
32a	Furnish and install new uninsulated aluminum wall cladding	SF	$20.22
32b	Furnish and install new insulated aluminum wall cladding	SF	$25.06
32c	Furnish and install new insulated aluminum wall cladding panels (Architecture	SF	$37.59
32d	Cladding of roof parapet walls with copings.	SF	$36.25
33	New Exterior Insulation and Finish System (EIFS)		
33a	New Exterior Insulation and Finish System (EIFS)	SF	$31.02
33b	New Exterior Insulation Finish System (EIFS) w/o insulation	SF	$19.49
33c	New Metal Copings.	SF	$36.25
34	Surface Preparation		
34a	Cleaning of existing steel and surface.	SF	$7.29

Number	Description of Cost Factors	Unit of Measure	Offeror's Bid
34b	Coating of existing reinforcement	SF	$28.36
34c	Exterior rated gypsum board sheathing and substrate	SF	$11.44
35	**Woodwork**		
35a	Demolition of plywood or standard 1" x 6" decking	SF	$2.07
35b	Demolition of standard 2" x 6" tongue and groove decking	SF	$2.27
35c	Plywood decking, CDX, 1/2" thick (or 15/32" optional)	SF	$3.16
35d	Plywood decking, CDX, 5/8" thick	SF	$3.28
35e	Plywood decking, CDX, 3/4" thick	SF	$4.05
35f	Standard 1" x 6" decking, tongue and groove	SF	$8.02
35g	Standard 2" x 6" tongue and groove decking	SF	$9.08
35h	Cants, wood fiber, trapezoidal, 1 1/2" x 5 5/8"	LF	$4.92
35i	Cants, SBX treated wood, 4" x 4" diagonal	LF	$7.66
35j	Nailer, SBX treated wood, 1" x 4"	LF	$4.51
35k	Nailer, SBX treated wood, 2" x 4"	LF	$4.87
36	Nailer, SBX treated wood		
36a	2" x 6"	LF	$6.19
36b	2" x 8" optional	LF	$6.82
36c	Curbing, SBX treated wood, 2" x 12"	LF	$10.04
37	Joist, fir		
37a	2" x 6"	LF	$5.50
37b	2" x 8" optional	LF	$5.89
38	Joist, fir		
38a	2" x 10"	LF	$6.52
38b	2" x 12" optional	LF	$8.71
39	**Standing Seam Metal Roof System (SSMRS) Price Each Specification Using Line Items**		

Number	Description of Cost Factors	Unit of Measure	Offeror's Bid
39a	Pre-Engineered SSMRS, products (20- year roof)	SF	$22.21
39b	Subpurlins	LF	$12.35
39c	Roof panel installation	SF	$10.21
39d	Field forming of panels	SF	NSP
39e	Concealed anchor clips	Each	$108.13
39f	Vapor retarder installation	SF	$2.72
39g	Insulation installation	SF	$8.72
39h	Gutters (SSMRS only)	LF	$43.56
39i	Gutter liners	SF	$33.73
39j	Flashing	LF	$38.05
39k	Expansion joints	LF	$40.07
40	Finishing touches (no additional cost in contract)		
40a	Snow retention assemblies	LF	$72.01
40b	Self-adhering ice and water shield membrane for shingles, tiles, metal waterways, penetrations, valleys, ridges, edges, etc.	LF	$2.72
41	**Roof Specialties and Accessories**		
41a	Remove roof hatch	Each	$756.25
41b	Roof hatch, aluminum, 2'6" x 3'0"	Each	$2,125.48
41c	Roof hatch, aluminum, larger sizes	SF	$324.50
41d	Remove existing roof drain, except plumbing	Each	$1,650.00
41e	Install new roof 4" drain, except plumbing	Each	$1,233.34
41f	Install new roof 6" drain, except plumbing	Each	$1,336.12
41g	Reflash existing roof drain	Each	$1,151.12
41h	Plumbing stack, 4# lead flashing	Each	$226.12
41i	Scupper, sheet steel, 24 gauge ASTM A 526, match existing configuration	Each	$1,783.01
41j	Remove existing walkway, built-up roofs	SF	$1.38

Number	Description of Cost Factors	Unit of Measure	Offeror's Bid
41k	Walkway, built-up roofs, desert tan fiberglass	LF	$1,336.85
41L	Walkway, built up roofs, non skid	LF	$1,520.94
42	Walkway, single ply roof		
42a	30" wide roll goods, tape attached	LF	$1,952.79
42b	30" wide roll, hot asphalt attached	LF	$1,541.67
42c	30" wide roll, adhesive attached	LF	$1,850.00
42d	Roof ventilators	Each	$616.67
42e	Roof ladder, steel, bolted to concrete, up to 20 feet, without cage	LF	$215.83
42f	Roof ladder, steel, bolted to concrete, 20 feet and up, with cage; with intermediate landings as required by Code	LF	$411.11
42g	Roof ladder, security ladder guard	Each	$3,597.23
42h	Termination bar, aluminum, 1/4" x 1"	LF	$5.65
42i	Pitch pocket, 24 gauge, GI, 6" x 6", with storm collar hemmed to outside, soldered corners and seams	Each	$2.75
42j	Pitch pocket, 24 gauge, GI, 8" x 8", with storm collar, hemmed to oytside, soldered corners and seams	Each	$904.44
43	Pitch pocket, resurface top only		
43a	8" x 8"	Each	$33.00
43b	12" x 12"	Each	$38.50
43c	Expansion joint, butyl or neoprene bellows, galvanized flange	LF	$40.07
43d	Expansion joint, CSPE reinforced	LF	$60.12
43e	Repair kit for dry repairs	Each	$1,107.41
43f	Repair kit for wet repairs	Each	$1,107.41
44	Skylights (price each size and lens combination)		
44a	Standard 3' x 5', 4' x 4', 4' x 8' with single clear lenses	SF	$103.68
44b	Standard 3' x 5', 4' x 4', 4' x 8' with clear double lenses	SF	$152.08

Number	Description of Cost Factors	Unit of Measure	Offeror's Bid
44c	Skylight lense replacement only, clear	SF	$86.63
44d	Skylight lense replacement only, double clear	SF	$124.44
45	Security/fall bars for skylights		
45a	3' x 5'	Each	$932.25
45b	4' x 4'	Each	$886.88
45c	4' x 8'	Each	$1,431.38
45d	Special sizes	SF	$88.91
46	**Roof Services**		
46a	Asbestos core testing and patch of existing roof surface	Each	NSP
46b	Core analysis, 14" x 14" and patch of existing roof surface	Each	NSP
46c	Non destructive roof scan, up to 50,000 sq ft, full service each	Each	$5,500.00
46d	Additional foot over 50,000 sq ft	SF	$0.10
46e	Non destructive roof scan, up to 50,000 sq ft, limited service	Each	$3,850.00
46f	Additional foot over 50,000 sq ft	SF	$0.08
46g	Roof inspection services (visual inspection of roofing service/membrane, flashings, counterflashings, copings, parapets, trims, hatches, penetrations, curbs, roof-mounted equipment, etc. with a written report of findings and recommendations	Day	NSP
46h	Field/shop drawings, up to 10,000 sq ft	SF	$1.22
46i	Field/shop drawings, 10,000-50,000 sq ft	SF	$0.86
46j	Field/shop drawings, over 50,000 sq ft	SF	$0.32
46k	Prime contractor's warranty, restoration, less than 10,000 sq ft, minimum charge	Per Project	$2,062.50
46L	Prime contractor's warranty, restoration, over 10,000 sq ft, minimum charge	Per Project	$2,475.00

Number	Description of Cost Factors	Unit of Measure	Offeror's Bid
46m	Prime contractor's warranty, re-roof, total system, 15 year, less than 10,000 sq ft, minimum charge (Standard)	Per Project	$4,400.00
46n	Prime contractor's warranty, re-roof, total system, 15 year, less than 10,000 sq ft, minimum charge (includes 2, 5, 7, 10, 15 year inspections)	Per Project	$6,600.00
46o	Prime contractor's warranty, re-roof, total system, 15 year, more than 10,000 sq ft, minimum charge (Standard)	Per Project	$8,250.00
46p	Prime contractor's warranty, re-roof, total system, 15 year, more than 10,000 sq ft, minimum charge (includes 2, 5, 7, 10, 15 year inspections)	Per Project	$9,900.00
46q	Per diem rate per worker per 24 hour period of time	Per Day	NSP
46r	Prime contractors per diem/costs for asbestos abatement planning	Day	NSP
46s	Asbestos abatement activities, BUR removal and disposal of waste	SF	NSP
46t	Project site is located 65 or more miles from the contractor's/subcontractor's yard/home location.	SF	NSP
46u	Asbestos site monitoring	Day	NSP
47	Annual or semi-annual roof housekeeping-per location		
47a	Cost once a year per location if less than 20,000 sq. ft.	SF	$3,960.00
47b	Cost per Sq.ft. per year per location if greater than 20,000 sq.ft.	SF	$9,900.00
47c	Cost semi-annual per location if less than 20,000 sq. ft	SF	$7,920.00
47d	Cost per Sq.ft. semi annual per location if greater than 20,000 sq.ft.	SF	$19,800.00
47e	Roof leak investigation	Day	NSP
47f	Minor roof repair calls	Day	NSP
47g	Difficult access or fall restriction; surcharge	Each	NSP

Number	Description of Cost Factors	Unit of Measure	Offeror's Bid
47h	Excessive hauling	Each	NSP
47i	Work in secured areas or compounds; surcharge	Each	NSP
48	Additional and occasional supplies, materials, equipment and services		
48a	Additional and occasional services Roofing supplies Discount off Retail Price List	% of Discount	1.00%
48b	Alternative Methods of Costing - percent of overhead/markup and profit added to cost	% of O/P	14.00%
48c	Discounts Offered Off Alternative Costing Methods (cost plus profit and overhead) Less Rate of Discount	% of discount	1.00%
48d	Multiplier/factor to be applied to the R.S. Means costs.	% to be applied	14.00%
49	Deducts and add-ons for in lieu products (Place behind Tab 6)		
50	Special Rental Equipment (Priced based on 9.11.2 above)		
51	Cold and bad weather storage identify extra cost if any	Day	NSP
52	Hourly Services Rates		
53	Structural Analysis/engineering services	Per Hour	NSP
54	Architect/design professional services	Per Hour	$357.50
55	Roofing Consultant	Per Hour	$302.50
56	Labor Rate for Roofer	Per Hour	NSP
57	**General Cost Factors**		
57a	Mileage rate	Per Mile	NSP
57b	Performance and payment bond - bonding rate (percent of project)	Percent	0.90%
57c	Bonding capacity - total amount of capacity available	Dollar Amount	$152,157,000.00

Number	Description of Cost Factors	Unit of Measure	Offeror's Bid
58	**Solar Panels System**		
58a	Pre & Post Installation Inspections (2x Included in System Pricing)	Ea.	No Cost
58b	Product (Solar Slip Sheets, Ballast, Mounts/Pads, Panels) Cost Per kWDC	kWDC	$1,322.75
58c	Construction & Installation	kWDC	$1,430.00
58d	Solar Financing	Per Project	Available, but Depends on Customer/Size
58e	Design and Layout of Solar System	kWDC	$88.00
58f	Maintenance and Monitoring (Annual Price)	kWDC	$11.00
	****NOTE: Complete and submit line items for this section.**		
	Value Add/Balance of Line		
	Please see pages to follow with line items 1.00 - 24.07.18.		

Line Item			Unit	$ per Unit
1.00	**Roof Management, Design Assistant and/or Professional Services**			
1.01	Full-time Quality Assurance monitoring		**DAY**	660.00
1.02	Asbestos core testing and analysis (testing only, excludes labor for sampling and repair)		**EA**	82.50
1.03	Analysis and evaluation (14" x 14" roof core) (Lab testing only, repairs charged at roof repair rates for appropriate system type)		**EA**	NSP
1.04	Aerial Roof Survey - Roof Pictures & Drawings Including Geometries, Slope, Calculated Area and Perimeter Measurements		**EA**	NSP
1.05	Aerial Wall Survey - Wall Pictures & Drawings Including Geometries, Calculated Area and Perimeter Measurements		**EA**	NSP
1.06	Manufacturer Standing Seam Material Quantity Estimating		**EA**	NSP
1.07	**Nuclear Moisture Survey, Non destructive roof scan**			
1.07.01	Non destructive roof scan, up to 20 000 SF		**EA**	2200.00
1.07.02	Non destructive roof scan, over 20,000 SF		**SF**	0.10
1.08	**Infrared Moisture Scanning**			
1.08.01	Non destructive infrared roof scan, up to 20 000 SF		**EA**	1650.00
1.08.02	Non destructive infrared roof scan, over 20,000 SF		**SF**	0.08
1.08.03	Aerial infrared roof scan at night		**TRIP**	1925.00
1.09	Infrared scanning equipment rental		**DAY**	NSP
1.10	**Roof investigation (visual roof survey)**			
1.10.01	Roof Investigation (Roof by Roof), per hour		**HOUR**	NSP
1.10.02	Visual Roof Survey (Roof by Roof) up to 20,000 SF		**EA**	NSP
1.10.03	Visual Roof Survey (Roof by Roof) over 20,000 SF		**SF**	NSP
1.10.04	Visual Roof Survey (Single Campus - All Roof Sections)		**SF**	0.069
1.10.05	Visual Roof Survey (Multiple Campuses City-/County-wide - All Roof Sections)		**SF**	0.110
1.10.06	Visual Roof Survey (Multiple Campuses State-wide - All Roof Sections)		**SF**	0.110
1.10.07	Roof core cut (roof by roof)		**EA**	NSP
1.10.08	Roof core cut per roof section (all roof sections on campus(s))		**EA**	165.00
1.11	**Comprehensive reporting**			
1.11.01	Comprehensive report for visual survey (Roof by Roof)		**EA**	NSP
1.11.02	Comprehensive report for visual survey(All Roof Sections on Campus(es)		**EA**	110.00
1.11.03	Comprehensive report for each roof section(s) surveyed (Item 1.07) or scanned (Item 1.08)		**EA**	275.00
1.11.04	Comprehensive report enertered into on-line data base for dynamic reporting and tracking all roofing sections on Campus(s)		**EA**	NSP
1.12	Manufacturer's Technical Representative Contractor Training Session at Job Start-Up		**DAILY**	NSP
1.13	Wind Uplift Testing – Mobilize and provide wind uplift testing per Factory Mutual System Roof Design Manual FM 1-52		**EA**	NSP
1.14	**Roof drawings to scale with all rooftop equipment and penetrations**			
1.14.01	Roof drawings (Roof by Roof)		**EA**	NSP
1.14.02	Roof drawings (All Roof Sections on Campus(es)		**EA**	82.50
1.15	Project Building Code Review		**EA**	NSP
1.16	**Additional and Occasional Services**			
1.16.01	Project Architect for Design Professional Services		**HOUR**	137.50
1.16.02	Principle Architect for Design Professional Services		**HOUR**	192.50
1.16.03	Project Engineer for Engineering Reviews		**HOUR**	137.50
1.16.04	Principle Architect for Engineering Reviews		**HOUR**	192.50
1.16.06	Roof Consultant		**HOUR**	137.50
1.16.07	Full-Time Job Site Superintendent		**DAY**	660.00
1.16.08	CAD Draftsman		**HOUR**	82.50
1.17	**Laboratory Analysis**			
1.17.01	Laboratory Fungal Analysis: Cultured Fungi Identification & Enumeration (Not including engineering time for sampling)		**EA**	357.50
1.17.02	Laboratory Fungal Analysis: Total Fungi Spore Count (Not including engineering time for sampling)		**EA**	357.50
1.17.03	Laboratory Mold Analysis: Viable Airborne Mold Analysis (Not including engineering time for sampling)		**EA**	357.50
1.17.04	Laboratory Analysis: Viable Surface Swab or Bulk Substrate Analysis (Not including engineering time for sampling)		**EA**	357.50

1.17.05	Laboratory Analysis: Non-Viable Surface Swab or Bulk Substrate Analysis (Not including engineering time for sampling)		EA	357.50
1.17.06	Destructive Roof Sample Analysis: Comprehensive laboratory testing of a core sample from an existing roof to include tensile/tear strength, scrim type, interply bitumen weight and roof composition; Repair the roof core area with similar materials.		EA	NSP
1.18	**Travel Expenses**			
1.18.01	Per Diem – Meals and Incidentals		DAY	NSP
1.18.02	Lodging		DAY	NSP
1.18.03	Mileage on Company / Personal Vehicle		MILE	NSP
1.18.04	Airfare (Economy)		JOB	NSP
1.18.05	Vehicle Rental		DAY	NSP
1.19	Seamer Rental Charges		DAY	NSP
1.20	Set-up Charges for Metal In-Shop Fabrication		EA	NSP
1.21	Set-up On-Site Roll Forming		EA	NSP
1.22	Roof Fastener Pull Tests (As Many as Required per Roof Section)		EA	NSP
1.23	Wind Uplift Design Calculations		EA	NSP
1.24	Roof Drainage Capacity Calculations		EA	NSP
1.25	Roof Edge Metal Calculations - ANSI/SPRI ES-1 Standards		EA	NSP
1.26	Dew Point Calculations		EA	NSP
1.27	Energy Payback Calculations		EA	NSP
1.28	Project Life-Cycle Cost Calculation		EA	NSP
1.29	Substantial Completion Walkthrough with Report and Punchlist		EA	NSP
1.30	Final Walkthrough with Report		EA	NSP
1.31	On-Site Quality Control Inspections with Report from Manufacturer's Rep - 3 Days per Week		WEEK	NSP
1.32	"As-Built" Drawings Upon Project Completion		EA	NSP
1.33	R.A. or P.E. Reviewed and Stamped Shop Drawings		EA	NSP
1.34	R.A. or P.E. Reviewed and Stamped Specifications		EA	NSP
1.35	Non-R.A./P.E. Reviewed Shop Drawings		EA	NSP
1.36	Project Design Assistance - Hourly Rate for Consultations with Architect of Record		EA	NSP
1.37	Project Design Assistance - Development of a recommended specification for a roofing or waterproofing project		EA	NSP
1.38	Roof Asset Management Report with recommended options for future course of actions and associated budgets for capital expense and maintenance planning.		EA	NSP
1.39	Five year capital expense and maintenance plan (All roof section on for campus(es))		EA	NSP
1.40	**Additional Professional Services**			
1.40.01	Option 1: Professional Services (Third party architectural design, engineering or consulting services quote on corporate letterhead) Cost plus added to quote		%	14%
1.40.02	Option 2: R.S. Means or Gordian Group Catalog (Used when professional services line item pricing is not available) Cost plus added to catalog pricing		%	14%
2.00	**Tear-off & Dispose of Debris**			
2.01	**SYSTEM TYPE** BUR W/ Insulation and Gravel Surfacing - Metal Deck		SF	3.61
2.02	**SYSTEM TYPE** BUR W/ Insulation and Gravel Surfacing - Wood / Tectum Deck		SF	3.61
2.03	**SYSTEM TYPE** BUR W/ Insulation and Gravel Surfacing - Lightweight / Gyp Deck		SF	3.61
2.04	**SYSTEM TYPE** BUR W/ Insulation and Gravel Surfacing - Concrete Deck		SF	3.61
2.05	**SYSTEM TYPE** BUR W/ Insulation and Mineral Surfacing - Metal Deck		SF	3.37
2.06	**SYSTEM TYPE** BUR W/ Insulation and Mineral Surfacing - Wood / Tectum Deck		SF	3.37
2.07	**SYSTEM TYPE** BUR W/ Insulation and Mineral Surfacing - Lightweight / Gyp Deck		SF	3.37
2.08	**SYSTEM TYPE** BUR W/ Insulation and Mineral Surfacing - Concrete Deck		SF	3.37

2.09	**SYSTEM TYPE** Single-Ply W/ Insulation - Metal Deck	**SF**	2.73
2.10	**SYSTEM TYPE** Single-Ply W/ Insulation - Wood / Tectum Deck	**SF**	2.73
2.11	**SYSTEM TYPE** Single-Ply W/ Insulation - Lightweight / Gyp Deck	**SF**	2.73
2.12	**SYSTEM TYPE** Single-Ply W/ Insulation - Concrete Deck	**SF**	2.73
2.13	**SYSTEM TYPE** Ballasted Single-Ply W/ Insulation - Metal Deck	**SF**	3.92
2.14	**SYSTEM TYPE** Ballasted Single-Ply W/ Insulation - Wood / Tectum Deck	**SF**	3.92
2.15	**SYSTEM TYPE** Ballasted Single-Ply W/ Insulation - Lightweight / Gyp Deck	**SF**	3.92
2.16	**SYSTEM TYPE** Ballasted Single-Ply W/ Insulation - Concrete Deck	**SF**	3.92
2.17	**SYSTEM TYPE** Coal Tar BUR W/ Insulation and Gravel Surfacing - Metal Deck	**SF**	4.04
2.18	**SYSTEM TYPE** Coal Tar BUR W/ Insulation and Gravel Surfacing - Wood / Tectum Deck	**SF**	4.04
2.19	**SYSTEM TYPE** Coal Tar BUR W/ Insulation and Gravel Surfacing - Lightweight / Gyp Deck	**SF**	4.04
2.20	**SYSTEM TYPE** Coal Tar BUR W/ Insulation and Gravel Surfacing - Concrete Deck	**SF**	4.04
2.21	**SYSTEM TYPE** Coal Tar BUR W/ Insulation and Mineral Surfacing - Metal Deck	**SF**	3.8
2.22	**SYSTEM TYPE** Coal Tar BUR W/ Insulation and Mineral Surfacing - Wood / Tectum Deck	**SF**	3.8
2.23	**SYSTEM TYPE** Coal Tar BUR W/ Insulation and Mineral Surfacing - Lightweight / Gyp Deck	**SF**	3.8
2.24	**SYSTEM TYPE** Coal Tar BUR W/ Insulation and Mineral Surfacing - Concrete Deck	**SF**	3.8
2.25	**SYSTEM TYPE** Metal Roofing System - Metal Deck	**SF**	3.64
2.26	**SYSTEM TYPE** Metal Roofing System - Wood / Tectum Deck	**SF**	3.64
2.27	**SYSTEM TYPE** Metal Roofing System - Lightweight / Gypsum Deck	**SF**	3.64
2.28	**SYSTEM TYPE** Metal Roofing System - Concrete Deck	**SF**	3.64
2.29	**SYSTEM TYPE** Dimensional/Architectural Shingle Roof - Wood Deck	**SF**	1.47
2.30	**SYSTEM TYPE** 3-Tab Shingle Roof - Wood Deck	**SF**	1.47
2.31	**SYSTEM TYPE** Clay Tile Shingle Roof - Wood Deck	**SF**	3.93
2.32	**SYSTEM TYPE** Concrete Tile Shingle Roof - Wood Deck	**SF**	3.93
2.33	**SYSTEM TYPE** Slate Tile Shingle Roof - Wood Deck	**SF**	4.47
2.34	**SYSTEM TYPE** Cedar / Wood Shake Shingle Roof - Wood Deck	**SF**	3.93
2.35	**SYSTEM TYPE** Add to save good Clay Tile Shingles for reuse	**SF**	1.14
2.36	**SYSTEM TYPE** Add to save good Concrete Tile Shingles for reuse	**SF**	1.14
2.37	**SYSTEM TYPE** Add to save good Slate Tile Shingles for reuse	**SF**	1.14

2.38	**SYSTEM TYPE** Add to save good Cedar / Wood Shake Shingles for reuse	**SF**	2.37
2.39	**SYSTEM TYPE** Polyurethane Foam (PUF) Roof (Average of 2" thick) W/ Underlying Insulation and UV-Resistant Coating - Metal Deck	**SF**	3.83
2.40	**SYSTEM TYPE** Polyurethane Foam (PUF) Roof (Average of 2" thick) W/ Underlying Insulation and UV-Resistant Coating - Wood / Tectum Deck	**SF**	3.83
2.41	**SYSTEM TYPE** Polyurethane Foam (PUF) Roof (Average of 2" thick) W/ Underlying Insulation and UV-Resistant Coating - Lightweight / Gyp Deck	**SF**	3.83
2.42	**SYSTEM TYPE** Polyurethane Foam (PUF) Roof (Average of 2" thick) W/ Underlying Insulation and UV-Resistant Coating - Concrete Deck	**SF**	3.83
2.43	**SYSTEM TYPE** Add of Each Additional Average Depth 1" of Polyurethane Foam (PUF) Roofing	**SF**	1.45
2.44	**SYSTEM TYPE** BUR w/ Gravel Surfacing to the Existing Insulation (Insulation to be Re-Used)	**SF**	3.64
2.45	**SYSTEM TYPE** BUR w/ Mineral Surfacing to the Existing Insulation (Insulation to be Re-Used)	**SF**	3.61
2.46	**SYSTEM TYPE** Single-Ply to the Existing Insulation (Insulation to be Re-Used	**SF**	2.93
2.47	**SYSTEM TYPE** Ballasted Single-Ply to the Existing Insulation (Insulation to be Re-Used	**SF**	2.28
2.48	**SYSTEM TYPE** Coal Tar BUR with Gravel Surfacing to the Existing Insulation (Insulation to be Re-Used)	**SF**	4.22
2.49	**SYSTEM TYPE** Coal Tar BUR with Mineral Surfacing to the Existing Insulation (Insulation to be Re-Used)	**SF**	4.22
2.99	**MULTIPLIER - TEAR-OFF & DISPOSE OF DEBRIS** Each Additional Roof System	**%**	38.00
3.00	**Removal & Replacement of Roof Deck**		
3.01	**DECK TYPE** Spot Metal Deck Replacement (Multiple areas under 1 square)	**SF**	21.10
3.02	**DECK TYPE** Spot Wood Deck Replacement (Multiple areas under 1 square)	**SF**	19.31
3.03	**DECK TYPE** Spot Gypsum Deck Replacement (Multiple areas under 1 square)	**SF**	61.56
3.04	**DECK TYPE** Spot Concrete Deck Replacement (Multiple areas under 1 square)	**SF**	47.18
3.05	**DECK TYPE** Spot Lightweight Deck Replacement (Multiple areas under 1 square)	**SF**	27.34
3.06	**DECK TYPE** Spot Tectum Deck Replacement (Multiple areas under 1 square)	**SF**	26.19
3.07	**DECK TYPE** Large Areas of Metal Deck Replacement (Replacement areas averaging greater than 1 square)	**SF**	13.10
3.08	**DECK TYPE** Large Areas of Wood Deck Replacement (Replacement areas averaging greater than 1 square)	**SF**	13.89
3.09	**DECK TYPE** Large Areas of Gypsum Deck Replacement (Replacement areas averaging greater than 1 square)	**SF**	50.46
3.10	**DECK TYPE** Large Areas of Concrete Deck Replacement (Replacement areas averaging greater than 1 square)	**SF**	38.67
3.11	**DECK TYPE** Large Areas of Lightweight Deck Replacement (Replacement areas averaging greater than 1 square)	**SF**	20.56
3.12	**DECK TYPE** Large Areas of Tectum Deck Replacement (Replacement areas averaging greater than 1 square)	**SF**	20.94
4.00	**Insulation Recovery Board & Insulations Options**		
4.01	**RECOVERY BOARD TYPE** 1/2" Wood Fiber or Perlite Board Installed Over an Existing Roof Adhered in Hot ASTM D 312 Type III or IV Asphalt; Mopped	**SF**	1.45

4.02	**RECOVERY BOARD TYPE** 1/2" Wood Fiber or Perlite Board Installed Over an Existing Roof Adhered with Insulation Adhesive	**SF**	2.77
4.03	**RECOVERY BOARD TYPE** 1/2" Wood Fiber or Perlite Board Installed Over an Existing Roof Mechanically Fastened to Roof Deck - Metal Deck	**SF**	1.47
4.04	**RECOVERY BOARD TYPE** 1/2" Wood Fiber or Perlite Board Installed Over an Existing Roof Mechanically Fastened to Roof Deck - Wood / Tectum Deck	**SF**	1.58
4.05	**RECOVERY BOARD TYPE** 1/2" Wood Fiber or Perlite Board Installed Over an Existing Roof Mechanically Fastened to Roof Deck - Lightweight / Gypsum Deck	**SF**	1.62
4.06	**RECOVERY BOARD TYPE** 1/2" Wood Fiber or Perlite Board Installed Over an Existing Roof Mechanically Fastened to Roof Deck - Concrete Deck	**SF**	1.66
4.07	**RECOVERY BOARD TYPE** 1/2" Treated Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock / Equal) Installed Over an Existing Roof Adhered in Hot ASTM D 312 Type III or IV Asphalt; Mopped	**SF**	2.52
4.08	**RECOVERY BOARD TYPE** 1/2" Treated Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock / Equal) Installed Over an Existing Roof Adhered with Insulation Adhesive	**SF**	3.70
4.09	**RECOVERY BOARD TYPE** 1/2" Treated Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock / Equal) Installed Over an Existing Roof Mechanically Fastened to Roof Deck - Metal Deck	**SF**	2.56
4.10	**RECOVERY BOARD TYPE** 1/2" Treated Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock / Equal) Installed Over an Existing Roof Mechanically Fastened to Roof Deck - Wood / Tectum Deck	**SF**	2.79
4.11	**RECOVERY BOARD TYPE** 1/2" Treated Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock / Equal) Installed Over an Existing Roof Mechanically Fastened to Roof Deck - Lightweight / Gypsum Deck	**SF**	2.85
4.12	**RECOVERY BOARD TYPE** 1/2" Treated Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock / Equal) Installed Over an Existing Roof Mechanically Fastened to Roof Deck - Concrete Deck	**SF**	2.94
4.13	**ADDITIONAL INSULATION OPTION (OVER AN EXISTING ROOF)** Install 1.0" of Polyisocyanurate Insulation Over an Existing Roof. All Wet Insulation Must be Replaced Prior to Installation of New Course of Insulation	**SF**	2.61
4.14	**ADDITIONAL INSULATION OPTION (OVER AN EXISTING ROOF)** Install 1.5" of Polyisocyanurate Insulation Over an Existing Roof. All Wet Insulation Must be Replaced Prior to Installation of New Course of Insulation	**SF**	2.81
4.15	**ADDITIONAL INSULATION OPTION (OVER AN EXISTING ROOF)** Install 2.0" of Polyisocyanurate Insulation Over an Existing Roof. All Wet Insulation Must be Replaced Prior to Installation of New Course of Insulation	**SF**	3.29
4.16	**ADDITIONAL INSULATION OPTION (OVER AN EXISTING ROOF)** Install 2.5" of Polyisocyanurate Insulation Over an Existing Roof. All Wet Insulation Must be Replaced Prior to Installation of New Course of Insulation	**SF**	3.78
4.17	**ADDITIONAL INSULATION OPTION (OVER AN EXISTING ROOF)** Add for Cutting New Insulation to Match the Profile of an Existing Metal Roof.	**SF**	1.88
4.18	**INSULATION SUBSTITUTION OPTION** Deduct for Providing an R-Value of greater than or equal to 10, but less than 15; instead of the Standard R-Value of 20 (Should be Negatively Priced) - All Applications Other Than Metal Roof Systems	**SF**	-0.79
4.19	**INSULATION SUBSTITUTION OPTION** Deduct for Providing an R-Value of greater than or equal to 15, but less than 18; instead of the Standard R-Value of 20 (Should be Negatively Priced) - All Applications Other Than Metal Roof Systems	**SF**	-0.47
4.20	**INSULATION SUBSTITUTION OPTION:** Deduct for Providing an R-Value of greater than or equal to 18, but less than 20 instead of the Standard R-Value of 20 (Should be Negatively Priced) - All Applications Other Than Metal Roof Systems	**SF**	-0.22
4.21	**INSULATION SUBSTITUTION OPTION:** Add for Providing an R-Value of 25 Instead of the Standard R-Value of 20 - All Applications Other Than Metal Roof Systems	**SF**	0.85

4.22	**INSULATION SUBSTITUTION OPTION:** Add for Providing an R-Value of 30 Instead of the Standard R-Value of 20 - All Applications Other Than Metal Roof Systems	**SF**	1.72
4.23	**INSULATION SUBSTITUTION OPTION** Substitute 1/2" Treated Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock / Equal) in Place of the Wood Fiber or Perlite - Adhered in Hot ASTM D 312 Type III or IV Asphalt; Mopped	**SF**	1.06
4.24	**INSULATION SUBSTITUTION OPTION** Substitute 1/2" Treated Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock / Equal) in Place of the Wood Fiber or Perlite - Adhered with Insulation Adhesive	**SF**	1.06
4.25	**INSULATION SLOPE OPTION** Provide a 1/4" Tapered Polyisocyanurate Insulation System while Maintaining the Average R-Value Including Tapered Crickets; Adhered in ASTM D 312 Type III or IV Hot Asphalt; Mopped	**SF**	9.63
4.26	**INSULATION SLOPE OPTION** Provide a 1/8" Tapered Polyisocyanurate Insulation System while Maintaining the Average R-Value; Adhered in ASTM D 312 Type III or IV Hot Asphalt; Mopped	**SF**	6.88
4.27	**INSULATION SLOPE OPTION** Provide a 1/4" Tapered Polyisocyanurate Insulation System while Maintaining the Average R-Value Including Tapered Crickets; Adhered with Insulation Adhesive	**SF**	15.60
4.28	**INSULATION SLOPE OPTION** Provide a 1/8" Tapered Polyisocyanurate Insulation System while Maintaining the Average R-Value; Adhered with Insulation Adhesive	**SF**	10.96
4.29	**INSULATION SUBSTITUTION OPTION** Provide a 1/4" Tapered Insulating Lightweight Concrete System while Maintaining Average R-Value	**SF**	11.98
4.30	**INSULATION SUBSTITUTION OPTION** Provide a 1/8" Tapered Insulating Lightweight Concrete System while Maintaining Average R-Value	**SF**	11.11
4.31	**INSULATION ATTACHMENT OPTION:** Provide Attachment Pattern in Compliance with FM 1-60 Wind Uplift Instead of FM 1-90	**SF**	-0.04
4.32	**INSULATION ATTACHMENT OPTION:** Provide Attachment Pattern in Compliance with FM 1-120 Wind Uplift Instead of FM 1-90	**SF**	0.23
5.00	**Coat New Roofing With Elastomeric Coating**		
5.01	**ROOF SYSTEM TYPE** Apply an Acrylic Coating per Specifications (1.5 Gallons per Square per Coat - 2 Coats Required) - Mineral-Surfaced Modified Roof	**SF**	5.50
5.02	**ROOF SYSTEM TYPE** Apply an Acrylic Coating per Specifications (1.0 Gallon per Square per Coat - 2 Coats Required) - Smooth-Surfaced Modified Roof	**SF**	4.28
5.03	**ROOF SYSTEM TYPE** Apply a bright white, water-based, acrylic-urethane hybrid roof coating per Specifications (1.5 Gallons per Square per Coat - 2 Coats Required) - Mineral-Surfaced Modified Roof	**SF**	7.33
5.04	**ROOF SYSTEM TYPE** Apply a bright white, water-based, acrylic-urethane hybrid roof coating per Specifications (1.0 Gallon per Square per Coat - 2 Coats Required) - Smooth-Surfaced Modified Roof	**SF**	5.45
5.05	**ROOF SYSTEM TYPE** Apply an Acrylic base coat and a PVDF top coat per Specifications (1.5 Gallons per Square Base Coat - 1/2 Gallon per Square Top Coat) - Mineral-Surfaced Modified Roof	**SF**	6.80
5.06	**ROOF SYSTEM TYPE** Apply an Acrylic base coat and a PVDF top coat per Specifications (1 Gallon per Square Base Coat - 1/2 Gallon per Square Top Coat) -Smooth-Surfaced Modified Roof	**SF**	5.97
5.07	**ROOF SYSTEM TYPE** Apply an Urethane Coating per Specifications (1 Gallon per Square per Coat - 2 Coats Required) - Smooth or Mineral Surfaced Modified; With Reinforced Seams (Base Coat Seam with 1.5 Gallons per Square & Reinforcement)	**SF**	12.71
5.08	**ROOF SYSTEM TYPE** Apply a single-component, aliphatic, polyurea liquid adhesive per Specifications (Apply 1.0 gallon per Square on Seams & wait 24 Hours / Apply base coat at 1.0 gallon per Square / broadcast mineral at 35 lbs. per Square or white gravel at 200 lbs. per Square / wait 24 hours and apply top coat at 1.0 gallon per Square - Mineral-Surfaced Modified	**SF**	10.96

5.09	**ROOF SYSTEM TYPE** Apply a single-component, aliphatic, polyurea liquid adhesive per Specifications (apply base coat at 1.0 gallon per Square / broadcast mineral at 35 lbs. per Square or white gravel at 200 lbs. per Square / wait 24 hours and apply top coat at 1.0 gallon per Square - Smooth-Surfaced Modified		**SF**	10.96
5.10	**ROOF SYSTEM TYPE** Apply an Aluminum Coating per Specifications (3/4 Gallon per Square per Coat - 2 Coats Required) - Smooth or Mineral Surfaced Modified		**SF**	2.97
5.11	**ROOF SYSTEM TYPE** Apply a Fibered Aluminum Coating per Specifications (2 Gallons per Square per Coat - 1 Coat Required) - Smooth or Mineral Surfaced Modified		**SF**	3.62
6.00	**Roof Deck and Insulation Option**			
6.01	**METAL ROOF DECK - HOT APPLICATION - ASTM D 312 TYPE III OR IV ASPHALT**			
6.01.01	**INSULATION OPTION:**	Mechanically Fasten Polyisocyanurate / Hot Mop Wood Fiber or Perlite to Provide an Average R-Value of 20 In Compliance with FM 1-90 Requirements	**SF**	5.35
6.02	**WOOD ROOF DECK - HOT APPLICATION - ASTM D 312 TYPE III OR IV ASPHALT**			
6.02.01	**INSULATION OPTION:**	Mechanically Fasten Polyisocyanurate / Hot Mop Wood Fiber or Perlite to Provide an Average R-Value of 20	**SF**	5.05
6.02.02	**INSULATION OPTION:**	Without Insulation - Must Include Rosin & Mechanically Fasten Glass Base Sheet	**SF**	1.67
6.03	**TECTUM ROOF DECK - HOT APPLICATION - ASTM D 312 TYPE III OR IV ASPHALT**			
6.03.01	**INSULATION OPTION:**	Mechanically Attach Base Sheet Utilizing FM 1-90 Attachment Patterns & Hot Mop Polyisocyanurate / Hot Mop Wood Fiber or Perlite to Provide an Average R-Value of 20	**SF**	8.75
6.03.02	**INSULATION OPTION:**	Without Insulation - Must Include Rosin & Mechanically Fasten Glass Base Sheet	**SF**	2.42
6.04	**LIGHTWEIGHT CONCRETE / GYPSUM ROOF DECK - HOT APPLICATION - ASTM D 312 TYPE III OR IV ASPHALT**			
6.04.01	**INSULATION OPTION:**	Must Mechanically Attach a Base Sheet; Hot Mop Polyisocyanurate / Hot Mop Wood Fiber or Perlite to Provide an Average R-Value of 20 In Compliance FM 1-90 Requirements	**SF**	8.75
6.04.02	**INSULATION OPTION:**	Without Insulation - Must at Least Mechanically Fasten a Base Sheet to the Roof Deck Prior to Installation Installed with FM 1-90 Attachment Patterns	**SF**	2.42
6.05	**CONCRETE ROOF DECK - HOT APPLICATION - ASTM D 312 TYPE III OR IV ASPHALT**			
6.05.01	**INSULATION OPTION:**	Prime Roof Deck; Hot Mop Polyisocyanurate / Hot Mop Wood Fiber or Perlite to Provide an Average R-Value of 20 In Compliance FM 1-90 Requirements	**SF**	5.86
6.05.02	**INSULATION OPTION:**	Without Insulation - Prime Roof Deck; Must at Least 1/2" Wood Fiber or Perlite Hot Mopped to Deck In Compliance FM 1-90 Requirements	**SF**	1.45
6.06	**METAL ROOF DECK - COLD PROCESS APPLICATION**			
6.06.01	**INSULATION OPTION:**	Mechanically Fasten Polyisocyanurate / Adhere High Density Asphalt Coated Wood Fiber with Insulation Adhesive to Provide an Average R-Value of 20 In Compliance FM 1-90 Requirements	**SF**	5.97
6.07	**WOOD ROOF DECK - COLD PROCESS APPLICATION**			
6.07.01	**INSULATION OPTION:**	Mechanically Fasten Polyisocyanurate / Adhere High Density Asphalt Coated Wood Fiber with Insulation Adhesive to Provide an Average R-Value of 20	**SF**	5.97

6.07.02	**INSULATION OPTION:**	Without Insulation - Must Include Rosin & Mechanically Fasten Glass Base Sheet	**SF**	1.67
6.08	**TECTUM ROOF DECK - COLD PROCESS APPLICATION**			
6.08.01	**INSULATION OPTION:**	Mechanically Attach Base Sheet & Adhere Polyisocyanurate in Insulation Adhesive / Adhere High Density Asphalt Coated Wood Fiber with Insulation Adhesive to Provide an Average R-Value of 20	**SF**	11.94
6.08.02	**INSULATION OPTION:**	Without Insulation - Must Include Rosin & Mechanically Fasten Glass Base Sheet	**SF**	2.44
6.09	**LIGHTWEIGHT CONCRETE / GYPSUM ROOF DECK - COLD PROCESS APPLICATION**			
6.09.01	**INSULATION OPTION:**	Must Mechanically Attach a Base Sheet; Adhere Polyisocyanurate in Insulation Adhesive / Adhere High Density Asphalt Coated Wood Fiber with Insulation Adhesive to Provide an Average R-Value of 20 In Compliance FM 1-90 Requirements	**SF**	11.94
6.09.02	**INSULATION OPTION:**	Without Insulation - Must at Least Mechanically Fasten a Base Sheet to the Roof Deck Installed with FM 1-90 Attachment Patterns	**SF**	2.44
6.10	**CONCRETE ROOF DECK - COLD PROCESS APPLICATION**			
6.10.01	**INSULATION OPTION:**	Adhere Polyisocyanurate in Insulation Adhesive / Adhere High Density Asphalt Coated Wood Fiber with Insulation Adhesive to Provide an Average R-Value of 20 In Compliance FM 1-90 Requirements	**SF**	8.83
6.10.02	**INSULATION OPTION:**	Without Insulation - Must at Least 1/2" High Density Asphalt Coated Wood Fiber Adhered with Insulation Adhesive to Deck In Compliance FM 1-90 Requirements	**SF**	2.12
6.11	**METAL ROOF DECK - TORCH APPLIED / SELF-ADHERING APPLICATION**			
6.11.01	**INSULATION OPTION:**	Mechanically Fasten Polyisocyanurate / Adhere Treated Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock / Equal) with Insulation Adhesive to Provide an Average R-Value of 20 In Compliance FM 1-90 Requirements	**SF**	6.74
6.12	**WOOD ROOF DECK - TORCH APPLIED / SELF-ADHERING APPLICATION**			
6.12.01	**INSULATION OPTION:**	Mechanically Fasten Polyisocyanurate / Adhere Treated Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock / Equal) with Insulation Adhesive to Provide an Average R-Value of 20	**SF**	6.74
6.12.02	**INSULATION OPTION:**	Without Insulation - Must Mechanically Attach 1/2" Treated Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock / Equal)	**SF**	1.68
6.13	**TECTUM ROOF DECK - TORCH APPLIED / SELF-ADHERING APPLICATION**			

6.13.01	**INSULATION OPTION:**	Mechanically Attach Base Sheet & Adhere Polyisocyanurate in Insulation Adhesive / Adhere Treated Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock / Equal) with Insulation Adhesive to Provide an Average R-Value of 20	**SF**	12.52
6.13.02	**INSULATION OPTION:**	Without Insulation - Must Mechanically Attach 1/2" Treated Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock / Equal)	**SF**	2.48
6.14	**LIGHTWEIGHT CONCRETE / GYPSUM ROOF DECK - TORCH APPLIED / SELF-ADHERING APPLICATION**			
6.14.01	**INSULATION OPTION:**	Must Mechanically Attach a Base Sheet; Adhere Polyisocyanurate in Insulation Adhesive / Adhere Treated Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock / Equal) with Insulation Adhesive to Provide an Average R-Value of 20 In Compliance FM 1-90 Requirements	**SF**	12.52
6.14.02	**INSULATION OPTION:**	Without Insulation - Must at Least Mechanically Fasten a Base Sheet to the Roof Deck Prior to Installation Installed with FM 1-90 Attachment Patterns	**SF**	2.52
6.15	**CONCRETE ROOF DECK - TORCH APPLIED / SELF-ADHERING APPLICATION**			
6.15.01	**INSULATION OPTION:**	Adhere Polyisocyanurate in Insulation Adhesive / Adhere Treated Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock / Equal) with Insulation Adhesive to Provide an Average R-Value of 20 In Compliance FM 1-90 Requirements	**SF**	9.38
6.15.02	**INSULATION OPTION:**	Without Insulation - Must Adhere 1/2" Treated Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock / Equal) in Insulation Adhesive In Compliance FM 1-90 Requirements	**SF**	2.81
6.16	**INSTALL PRIOR TO ROOF SYSTEM INSULATION:**			
6.16.01	**VAPOR BARRIER OPTION:**	**HOT ASPHALT-APPLIED VAPOR BARRIER ON METAL DECK:** Mechanically-Fasten Treated Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock / Equal), Apply 2 Plies of Glass Felt in Hot ASTM D 312 Type III OR IV Asphalt In Compliance with FM 1-90 Requirements	**SF**	3.80
6.16.02	**VAPOR BARRIER OPTION:**	**HOT ASPHALT-APPLIED VAPOR BARRIER ON WOOD, TECTUM, LIGHTWEIHT CONCRETE OR GYPSUM DECK:** Mechanically Fasten Glass Base Sheet, Apply 2 Plies of Glass Felt in Hot ASTM D 312 Type III OR IV Asphalt In Compliance with FM 1-90 Requirements	**SF**	3.93
6.16.03	**VAPOR BARRIER OPTION:**	**HOT ASPHALT-APPLIED VAPOR BARRIER ON CONCRETE DECK:** Prime Deck Prior to Applying 2 Plies of Glass Felt in Hot ASTM D 312 Type III OR IV Asphalt	**SF**	2.62

6.16.04	**VAPOR BARRIER OPTION:**	**COLD ASPHALT-APPLIED VAPOR BARRIER ON METAL DECK:** Mechanically-Fasten Treated Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock / Equal); Apply 2 Plies of Glass Base in Cold Process Modified Asphalt In Compliance with FM 1-90 Requirements	**SF**	6.00
6.16.05	**VAPOR BARRIER OPTION:**	**COLD ASPHALT-APPLIED VAPOR BARRIER ON WOOD, TECTUM, LIGHTWEIHT CONCRETE OR GYPSUM DECK:** Mechanically Fasten Glass Base Sheet, Apply 2 Plies of Glass Base in Cold Process Modified Asphalt In Compliance with FM 1-90 Requirements	**SF**	6.00
6.16.06	**VAPOR BARRIER OPTION:**	**COLD ASPHALT-APPLIED VAPOR BARRIER ON CONCRETE DECK:** Prime Deck Prior to Applying 2 Plies of Glass Base in Cold Process Modified Asphalt	**SF**	4.66
6.16.07	**VAPOR BARRIER OPTION:**	**TORCH-APPLIED VAPOR BARRIER ON METAL DECK:** Mechanically-Fasten Treated Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock / Equal); Heat Weld with Torch 1 Ply of SBS Modified Asphalt-Based, Fiberglass Reinforced Torch Base Sheet - Minimum of 80 lbf/in tensile Torch-Applied Base Sheet (ASTM D 5147) In Compliance with FM 1-90 Requirements	**SF**	6.59
6.16.08	**VAPOR BARRIER OPTION:**	**TORCH-APPLIED VAPOR BARRIER ON WOOD, TECTUM, LIGHTWEIHT CONCRETE OR GYPSUM DECK:** Mechanically Fasten Glass Base Sheet, Heat Weld with Torch 1 Ply of SBS Modified Asphalt-Based, Fiberglass Reinforced Torch Base Sheet - Minimum of 80 lbf/in tensile Torch-Applied Base Sheet (ASTM D 5147) In Compliance with FM 1-90 Requirements	**SF**	6.80
6.16.09	**VAPOR BARRIER OPTION:**	**TORCH-APPLIED VAPOR BARRIER ON CONCRETE DECK:** Prime Deck Prior to Heat Welding with Torch 1 Ply of SBS Modified Asphalt-Based, Fiberglass Reinforced Torch Base Sheet - Minimum of 80 lbf/in tensile Torch-Applied Base Sheet (ASTM D 5147)	**SF**	5.46
6.16.10	**VAPOR BARRIER OPTION:**	**HOT ASPHALT-APPLIED VAPOR BARRIER ON METAL DECK:** Mechanically-Fasten Treated Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock / Equal), ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - 70 lbf/in tensile in Hot ASTM D 312 Type III OR IV Asphalt In Compliance with FM 1-90 Requirements	**SF**	5.05

6.16.11	**VAPOR BARRIER OPTION:**	**HOT ASPHALT-APPLIED VAPOR BARRIER ON WOOD, TECTUM, LIGHTWEIHT CONCRETE OR GYPSUM DECK:** Mechanically Fasten Glass Base Sheet, ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - 70 lbf/in tensile in Hot ASTM D 312 Type III OR IV Asphalt In Compliance with FM 1-90 Requirements	**SF**	5.42
6.16.12	**VAPOR BARRIER OPTION:**	**HOT ASPHALT-APPLIED VAPOR BARRIER ON CONCRETE DECK:** Prime Deck Prior to ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - 70 lbf/in tensile in Hot ASTM D 312 Type III OR IV Asphalt	**SF**	3.98
6.16.13	**VAPOR BARRIER OPTION:**	**COLD ASPHALT-APPLIED VAPOR BARRIER ON METAL DECK:** Mechanically-Fasten Treated Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock / Equal); ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - 70 lbf/in tensile in Cold Process Modified Asphalt In Compliance with FM 1-90 Requirements	**SF**	6.24
6.16.14	**VAPOR BARRIER OPTION:**	**COLD ASPHALT-APPLIED VAPOR BARRIER ON WOOD, TECTUM, LIGHTWEIHT CONCRETE OR GYPSUM DECK:** Mechanically Fasten Glass Base Sheet, ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - 70 lbf/in tensile in Cold Process Modified Asphalt In Compliance with FM 1-90 Requirements	**SF**	6.20
6.16.15	**VAPOR BARRIER OPTION:**	**COLD ASPHALT-APPLIED VAPOR BARRIER ON CONCRETE DECK:** Prime Deck Prior to ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - 70 lbf/in tensile in Cold Process Modified Asphalt	**SF**	4.87
7.00	**BUILT-UP MODIFIED ROOF WITH FLOOD COAT AND AGGREGATE IN HOT ASTM D 312 TYPE III OR IV ASPHALT**			
7.01	**ROOF CONFIGURATION** **2 Plies of Glass Felt, Cap Sheet, Flood Coat and Aggregate All in Hot ASTM D 312 Type III OR IV Asphalt**			
7.01.01	**ROOFING MEMBRANE OPTION:**	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - Minimum of 70 lbf/in tensile	**SF**	7.73
7.01.02	**ROOFING MEMBRANE OPTION:**	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type III - Minimum of 220 lbf/in tensile	**SF**	9.34
7.01.03	**ROOFING MEMBRANE OPTION:**	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile	**SF**	9.22

7.01.04	**ROOFING MEMBRANE OPTION:**	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 500 lbf/in tensile	**SF**	10.63
7.01.05	**ROOFING MEMBRANE OPTION:**	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 600 lbf/in tensile	**SF**	11.21
7.02	**WARRANTY CHARGE:**	Cost to Provide 20 Year - Labor & Material Warranty with No Dollar Limitations as a Standard Warranty for All Applications in this Section 7.00 Must includes coverage for roof uplift pressures up to 90 MPH	**SF**	NSP
7.03	**WARRANTY UPCHARGE:**	Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar Limitations	**SF**	NSP
7.04	**WARRANTY UPCHARGE:**	Add to provide coverage for a 30 Year Labor & Material Warranty with No Dollar Limitations	**SF**	NSP-1
7.05	**WARRANTY UPCHARGE:**	Add to provide coverage for roof uplift pressures up to 120 MPH	**SF**	NSP-2
7.06	**DEDUCT TO SQUARE FOOT COST - Hot Applied Modified BUR** Substitute Additional Glass Felt (Hot Applications) in Place of ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - Minimum of 70 lbf/in tensile (i.e. 3 Ply BUR)		**SF**	-2.89
7.07	**ADD TO PER SQUARE FOOT COST - Hot Applied Modified BUR** Each Additional Glass Felt (Hot Applications) Inter-ply Installed		**SF**	1.03
8.00	**BUILT-UP MODIFIED ROOF WITH FLOOD COAT AND AGGREGATE IN COLD PROCESS ASPHALT**			
8.01	**ROOF CONFIGURATION** **2 Plies of Glass Base, Cap Sheet, Flood Coat and Aggregate All in Cold Process Modified Asphalt**			
8.01.01	**ROOFING MEMBRANE OPTION:**	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - Minimum of 70 lbf/in tensile	**SF**	12.75
8.01.02	**ROOFING MEMBRANE OPTION:**	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type III - Minimum of 220 lbf/in tensile	**SF**	14.53
8.01.03	**ROOFING MEMBRANE OPTION:**	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile	**SF**	14.43
8.01.04	**ROOFING MEMBRANE OPTION:**	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 500 lbf/in tensile	**SF**	15.83
8.01.05	**ROOFING MEMBRANE OPTION:**	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 600 lbf/in tensile	**SF**	16.39
8.02	**WARRANTY CHARGE:**	Cost to Provide 20 Year - Labor & Material Warranty with No Dollar Limitations as a Standard Warranty for All Applications in this Section 8.00 Must includes coverage for roof uplift pressures up to 90 MPH	**SF**	NSP
8.03	**WARRANTY UPCHARGE:**	Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar Limitations	**SF**	NSP
8.04	**WARRANTY UPCHARGE:**	Add to provide coverage for a 30 Year Labor & Material Warranty with No Dollar Limitations	**SF**	NSP-1
8.05	**WARRANTY UPCHARGE:**	Add to provide coverage for roof uplift pressures up to 120 MPH	**SF**	NSP-2

8.06	**DEDUCT TO SQUARE FOOT COST - Cold Applied Modified BUR** Substitute Additional Glass Base Sheet in Place of ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - Minimum of 70 lbf/in tensile (i.e. 3 Ply BUR)		**SF**	-1.58
8.07	**ADD TO PER SQUARE FOOT COST - Cold Applied Modified BUR** Each Additional Glass Base (Cold Applications) Inter-ply Installed		**SF**	2.38
9.00	**BUILT-UP MODIFIED ROOF ADHERED IN HOT ASTM D 312 TYPE III OR IV ASPHALT - FLOOD COAT & AGGREGATE IN MODIFIED COAL TAR PITCH**			
9.01	**ROOF CONFIGURATION** **2 ply of Glass Felt, Cap Sheet, Set in Hot Asphalt, Flood Coat in Modified Coal Tar Pitch and Aggregate**			
9.01.01	**ROOFING MEMBRANE & COATING OPTION:**	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - Minimum of 70 lbf/in tensile, Flood Coat in Modified Hot Coal Tar Pitch With 2000% Elongation	**SF**	11.28
9.01.02	**ROOFING MEMBRANE & COATING OPTION**	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 220 lbf/in tensile, Flood Coat in Modified Hot Coal Tar Pitch With 2000% Elongation	**SF**	12.88
9.01.03	**ROOFING MEMBRANE & COATING OPTION**	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile, Flood Coat in Modified Hot Coal Tar Pitch With 2000% Elongation	**SF**	12.79
9.01.04	**ROOFING MEMBRANE & COATING OPTION**	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 500 lbf/in tensile, Flood Coat in Modified Hot Coal Tar Pitch With 2000% Elongation	**SF**	14.18
9.01.05	**ROOFING MEMBRANE & COATING OPTION**	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - 600 lbf/in tensile, Flood Coat in Modified Hot Coal Tar Pitch With 2000% Elongation	**SF**	14.76
9.02	**WARRANTY CHARGE:**	Cost to Provide 20 Year - Labor & Material Warranty with No Dollar Limitations as a Standard Warranty for All Applications in this Section 9.00 Must includes coverage for roof uplift pressures up to 90 MPH	**SF**	NSP
9.03	**WARRANTY UPCHARGE:**	Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar Limitations	**SF**	NSP
9.04	**WARRANTY UPCHARGE:**	Add to provide coverage for a 30 Year Labor & Material Warranty with No Dollar Limitations	**SF**	NSP-1
9.05	**WARRANTY UPCHARGE:**	Add to provide coverage for roof uplift pressures up to 120 MPH	**SF**	NSP-2
9.06	**COATING OPTION:**	Add/Deduct for Installing Flood Coat in Cold Process Coal Tar Pitch	**SF**	-0.7
10.00	**BUILT-UP MODIFIED ROOF WITH MINERAL CAP SHEET ADHERED IN HOT ASTM D 312 TYPE III OR IV ASPHALT**			
10.01	**ROOF CONFIGURATION** **2 ply of Glass Felt, Mineral Surfaced Cap Sheet, Set in Hot ASTM D 312 Type III or IV Asphalt**			
10.01.01	**ROOFING MEMBRANE OPTION:**	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - Minimum of 70 lbf/in tensile	**SF**	6.40

10.01.02	**ROOFING MEMBRANE OPTION:**	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type III - Minimum of 220 lbf/in tensile	**SF**	8.38
10.01.03	**ROOFING MEMBRANE OPTION:**	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile	**SF**	7.62
10.01.04	**ROOFING MEMBRANE OPTION:**	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 500 lbf/in tensile	**SF**	9.65
10.01.05	**ROOFING MEMBRANE OPTION:**	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 600 lbf/in tensile	**SF**	10.58
10.02	**WARRANTY CHARGE:**	Cost to Provide 20 Year - Labor & Material Warranty with No Dollar Limitations as a Standard Warranty for All Applications in this Section 10.00 Must includes coverage for roof uplift pressures up to 90 MPH	**SF**	NSP
10.03	**WARRANTY UPCHARGE:**	Labor & Material Warranty with No Dollar Limitations	**SF**	NSP-3
10.04	**WARRANTY UPCHARGE:**	Labor & Material Warranty with No Dollar Limitations	**SF**	NSP-1
10.05	**WARRANTY UPCHARGE:**	Add to provide coverage for roof uplift pressures up to 120 MPH	**SF**	NSP-2
11.00	**BUILT-UP MODIFIED ROOF WITH MINERAL CAP SHEET ADHERED IN COLD PROCESS ASPHALT**			
11.01	**ROOF CONFIGURATION** **2 ply Glass Base, Mineral Cap Sheet, Set in Cold Process Modified Asphalt**			
11.01.01	**ROOFING MEMBRANE OPTION:**	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - Minimum of 70 lbf/in tensile	**SF**	9.92
11.01.02	**ROOFING MEMBRANE OPTION:**	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type III - Minimum of 220 lbf/in tensile	**SF**	11.89
11.01.03	**ROOFING MEMBRANE OPTION:**	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile	**SF**	11.12
11.01.04	**ROOFING MEMBRANE OPTION:**	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 500 lbf/in tensile	**SF**	13.15
11.01.05	**ROOFING MEMBRANE OPTION:**	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 600 lbf/in tensile	**SF**	14.10
11.02	**WARRANTY CHARGE:**	Cost to Provide 20 Year - Labor & Material Warranty with No Dollar Limitations as a Standard Warranty for All Applications in this Section 11.00 Must includes coverage for roof uplift pressures up to 90 MPH	**SF**	NSP
11.03	**WARRANTY UPCHARGE:**	Labor & Material Warranty with No Dollar Limitations	**SF**	NSP-3
11.04	**WARRANTY UPCHARGE:**	Labor & Material Warranty with No Dollar Limitations	**SF**	NSP-1
11.05	**WARRANTY UPCHARGE:**	Add to provide coverage for roof uplift pressures up to 120 MPH	**SF**	NSP-2

12.00	**2-PLY ROOF SYSTEMS - COMBINATIONS OF A BASE PLY & A CAP SHEET (TOP PLY)** **PLEASE NOTE: BASE PLY & CAP SHEET COMBINATIONS MUST BE APPROVED BY THE MANUFACTURER**			
12.01	**ROOF CONFIGURATION** **1 Ply Modified Base Sheet Adhered in Hot ASTM D 312 Type III or IV Asphalt**			
12.01.01	**BASE PLY OPTION:**	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - 70 lbf/in tensile	**SF**	3.55
12.01.02	**BASE PLY OPTION:**	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type III - 220 lbf/in tensile	**SF**	4.51
12.01.03	**BASE PLY OPTION:**	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - 310 lbf/in tensile	**SF**	4.69
12.01.04	**ADD/DEDUCT TO PER SQUARE FOOT COST - Hot Applied Modified Multi-ply Systems** Each Additional Modified Base Sheet (All Hot Applications) Installed. To be combined with line items above for a labor cost reduction to installed price of two plies of the same modified base sheet vs. the installation of a single base sheet (i.e. 12.01.02 + 12.01.02 + 12.01.04 = Two Plies Installed)		**SF**	-0.42
12.02	**ROOF CONFIGURATION** **1 Ply Modified Base Sheet Adhered in Cold Process Modified Asphalt**			
12.02.01	**BASE PLY OPTION:**	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - 70 lbf/in tensile	**SF**	4.47
12.02.02	**BASE PLY OPTION:**	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type III - 220 lbf/in tensile	**SF**	5.42
12.02.03	**BASE PLY OPTION:**	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - 310 lbf/in tensile	**SF**	5.61
12.02.04	**ADD/DEDUCT TO PER SQUARE FOOT COST - Cold Applied Modified Multi-ply Systems** Each Additional Modified Base Sheet (All Cold Applications) Installed. To be combined with line items above for a labor cost reduction to installed price of two plies of the same modified base sheet vs. the installation of a single base sheet (i.e. 12.02.02 + 12.02.02 + 12.02.04 = Two Plies Installed)		**SF**	-0.48
12.02.05	**INTERPLY ADHESIVE OPTION:**	**Add/Deduct for Cold Applied Modified Multi-ply Systems** Substitute Cold Process Adhesive with Alternative Solvent Free Adhesive	**SF**	2.39
12.03	**ROOF CONFIGURATION** **1 Ply of Torch Base Sheet Installed with Torch Application**			
12.03.01	**BASE PLY OPTION:**	SBS Modified Asphalt-Based, Fiberglass Reinforced Torch Base Sheet - Minimum of 80 lbf/in tensile Torch-Applied Base Sheet (ASTM D 5147)	**SF**	3.96
12.03.02	**BASE PLY OPTION:**	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type III - 210 lbf/in tensile	**SF**	5.27
12.03.03	**ADD/DEDUCT TO PER SQUARE FOOT COST - Torch-Applied Modified Multi-ply Systems** Each Additional Modified Base Sheet (All Torch-Applied Applications) Installed. To be combined with line items above for a labor cost reduction to installed price of two plies of the same modified base sheet vs. the installation of a single base sheet (i.e. 12.03.02 + 12.03.02 + 12.03.03 = Two Plies Installed)		**SF**	-0.26
12.04	**ROOF CONFIGURATION** **1 Ply of Self-Adhering Base Installed Using Self-Adhering Backing**			
12.04.01	**BASE PLY OPTION:**	SBS Modified Asphalt-Based, Polyester OR Fiberglass/Polyester OR Fiberglass Reinforced Self-Adhering Base Sheet - Minimum of 50 lbf/in tensile	**SF**	4.05
12.04.02	**ADD/DEDUCT TO PER SQUARE FOOT COST - Torch-Applied Modified Multi-ply Systems** Each Additional Modified Base Sheet (All Torch-Applied Applications) Installed. To be combined with line items above for a labor cost reduction to installed price of two plies of the same modified base sheet vs. the installation of a single base sheet (i.e. 12.04.01 + 12.04.01 + 12.04.02 = Two Plies Installed)		**SF**	-0.26

12.05	**ROOF CONFIGURATION** **1 Ply Cap Sheet, Flood Coat and Aggregate Adhered in Hot ASTM D 312 Type III OR IV Asphalt**			
12.05.01	**ROOFING MEMBRANE OPTION:**	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - Minimum of 70 lbf/in tensile	**SF**	4.47
12.05.02	**ROOFING MEMBRANE OPTION:**	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type III - Minimum of 220 lbf/in tensile	**SF**	6.24
12.05.03	**ROOFING MEMBRANE OPTION:**	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile	**SF**	6.14
12.05.04	**ROOFING MEMBRANE OPTION:**	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III – Minimum of 500 lbf/in tensile	**SF**	7.54
12.05.05	**ROOFING MEMBRANE OPTION:**	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III – Minimum of 600 lbf/in tensile	**SF**	8.12
12.05.06	**WARRANTY CHARGE:**	Cost to Provide 20 Year - Labor & Material Warranty with No Dollar Limitations as a Standard Warranty for All Applications in this Section 12.05 Must includes coverage for roof uplift pressures up to 90 MPH	**SF**	NSP
12.05.07	**WARRANTY UPCHARGE:**	Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar Limitations	**SF**	NSP
12.05.08	**WARRANTY UPCHARGE:**	Add to provide coverage for a 30 Year Labor & Material Warranty with No Dollar Limitations	**SF**	NSP-1
12.05.09	**WARRANTY UPCHARGE:**	Add to provide coverage for roof uplift pressures up to 120 MPH	**SF**	NSP-2
12.06	**ROOF CONFIGURATION** **1 Ply Mineral Surfaced Cap Sheet Adhered in Hot ASTM D 312 Type III or IV Asphalt**			
12.06.01	**ROOFING MEMBRANE OPTION:**	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - Minimum of 70 lbf/in tensile	**SF**	5.68
12.06.02	**ROOFING MEMBRANE OPTION:**	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type III - Minimum of 220 lbf/in tensile	**SF**	7.61
12.06.03	**ROOFING MEMBRANE OPTION:**	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile	**SF**	6.84
12.06.04	**ROOFING MEMBRANE OPTION:**	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 500 lbf/in tensile	**SF**	8.87
12.06.05	**ROOFING MEMBRANE OPTION:**	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 600 lbf/in tensile	**SF**	9.82
12.06.06	**WARRANTY CHARGE:**	Cost to Provide 20 Year - Labor & Material Warranty with No Dollar Limitations as a Standard Warranty for All Applications in this Section 12.06 Must includes coverage for roof uplift pressures up to 90 MPH	**SF**	NSP

12.06.07	**WARRANTY UPCHARGE:**	Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar Limitations	**SF**	NSP-3
12.06.08	**WARRANTY UPCHARGE:**	Add to provide coverage for a 30 Year Labor & Material Warranty with No Dollar Limitations	**SF**	NSP-1
12.06.09	**WARRANTY UPCHARGE:**	Add to provide coverage for roof uplift pressures up to 120 MPH	**SF**	NSP-2
12.07	**ROOF CONFIGURATION** **1 Ply Cap Sheet, Set in Hot ASTM D 312 Type III or IV Asphalt, Flood Coat & Aggregate in Hot Modified Coal Tar Pitch**			
12.07.01	**ROOFING MEMBRANE & COATING OPTION:**	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - Minimum of 70 lbf/in tensile, Flood Coat in Modified Hot Coal Tar Pitch With 2000% Elongation	**SF**	9.41
12.07.02	**ROOFING MEMBRANE & COATING OPTION**	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 220 lbf/in tensile, Flood Coat in Modified Hot Coal Tar Pitch With 2000% Elongation	**SF**	11.06
12.07.03	**ROOFING MEMBRANE & COATING OPTION**	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile, Flood Coat in Modified Hot Coal Tar Pitch With 2000% Elongation	**SF**	10.97
12.07.04	**ROOFING MEMBRANE & COATING OPTION**	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 500 lbf/in tensile, Flood Coat in Modified Hot Coal Tar Pitch With 2000% Elongation	**SF**	12.35
12.07.05	**ROOFING MEMBRANE & COATING OPTION**	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum 600 lbf/in tensile, Flood Coat in Modified Hot Coal Tar Pitch With 2000% Elongation	**SF**	12.93
12.07.06	**COATING OPTION:**	Add/Deduct for Installing Flood Coat in Cold Process Coal Tar Pitch	**SF**	-0.86
12.07.07	**WARRANTY CHARGE:**	Cost to Provide 20 Year - Labor & Material Warranty with No Dollar Limitations as a Standard Warranty for All Applications in this Section 12.07 Must includes coverage for roof uplift pressures up to 90 MPH	**SF**	NSP
12.07.08	**WARRANTY UPCHARGE:**	Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar Limitations	**SF**	NSP
12.07.09	**WARRANTY UPCHARGE:**	Add to provide coverage for a 30 Year Labor & Material Warranty with No Dollar Limitations	**SF**	NSP-1
12.07.10	**WARRANTY UPCHARGE:**	Add to provide coverage for roof uplift pressures up to 120 MPH	**SF**	NSP-2
12.08	**ROOF CONFIGURATION** **1 Ply Cap Sheet, Flood Coat and Aggregate Adhered in Cold Process Modified Asphalt**			
12.08.01	**ROOFING MEMBRANE OPTION:**	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - Minimum of 70 lbf/in tensile	**SF**	8.59

12.08.02	**ROOFING MEMBRANE OPTION:**	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type III - Minimum of 220 lbf/in tensile	**SF**	10.26
12.08.03	**ROOFING MEMBRANE OPTION:**	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile	**SF**	10.14
12.08.04	**ROOFING MEMBRANE OPTION:**	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 500 lbf/in tensile	**SF**	11.55
12.08.05	**ROOFING MEMBRANE OPTION:**	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 600 lbf/in tensile	**SF**	12.13
12.08.06	**MEMBRANE ADHESIVE & COATING OPTION:**	**Add/Deduct for Cold Applied Modified BUR** Substitute Cold Process Adhesive with Alternative Solvent Free Adhesive	**SF**	6.86
12.08.07	**WARRANTY CHARGE:**	Cost to Provide 20 Year - Labor & Material Warranty with No Dollar Limitations as a Standard Warranty for All Applications in this Section 12.08 Must includes coverage for roof uplift pressures up to 90 MPH	**SF**	NSP
12.08.08	**WARRANTY UPCHARGE:**	Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar Limitations	**SF**	NSP
12.08.09	**WARRANTY UPCHARGE:**	Add to provide coverage for a 30 Year Labor & Material Warranty with No Dollar Limitations	**SF**	NSP-1
12.08.10	**WARRANTY UPCHARGE:**	Add to provide coverage for roof uplift pressures up to 120 MPH	**SF**	NSP-2
12.09	**ROOF CONFIGURATION** **1 Ply Mineral Surfaced Cap Sheet Adhered in Cold Process Modified Asphalt**			
12.09.01	**ROOFING MEMBRANE OPTION:**	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - Minimum of 70 lbf/in tensile	**SF**	6.69
12.09.02	**ROOFING MEMBRANE OPTION:**	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type III - Minimum of 220 lbf/in tensile	**SF**	8.50
12.09.03	**ROOFING MEMBRANE OPTION:**	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile	**SF**	7.68
12.09.04	**ROOFING MEMBRANE OPTION:**	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 500 lbf/in tensile	**SF**	10.47
12.09.05	**ROOFING MEMBRANE OPTION:**	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 600 lbf/in tensile	**SF**	11.57
12.09.06	**MEMBRANE ADHESIVE OPTION:**	**Add/Deduct for Cold Applied Modified BUR** Substitute Cold Process Adhesive with Alternative Solvent Free Adhesive	**SF**	2.30

12.09.07	**WARRANTY CHARGE:**	Cost to Provide 20 Year - Labor & Material Warranty with No Dollar Limitations as a Standard Warranty for All Applications in this Section 12.09 Must includes coverage for roof uplift pressures up to 90 MPH	**SF**	NSP
12.09.08	**WARRANTY UPCHARGE:**	Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar Limitations	**SF**	NSP-3
12.09.09	**WARRANTY UPCHARGE:**	Add to provide coverage for a 30 Year Labor & Material Warranty with No Dollar Limitations	**SF**	NSP-1
12.09.10	**WARRANTY UPCHARGE:**	Add to provide coverage for roof uplift pressures up to 120 MPH	**SF**	NSP-2
12.10	**ROOF CONFIGURATION** **1 Ply Cap Sheet, Set in Cold Process Asphalt, Flood Coat & Aggregate in Cold Applied Modified Coal Tar Pitch and Aggregate**			
12.10.01	**ROOFING MEMBRANE & COATING OPTION:**	ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type I - Minimum of 70 lbf/in tensile	**SF**	9.82
12.10.02	**ROOFING MEMBRANE & COATING OPTION**	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 220 lbf/in tensile	**SF**	11.47
12.10.03	**ROOFING MEMBRANE & COATING OPTION**	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile	**SF**	11.4
12.10.04	**ROOFING MEMBRANE & COATING OPTION**	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 500 lbf/in tensile	**SF**	12.78
12.10.05	**ROOFING MEMBRANE & COATING OPTION**	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum 600 lbf/in tensile	**SF**	13.37
12.10.06	**WARRANTY CHARGE:**	Cost to Provide 20 Year - Labor & Material Warranty with No Dollar Limitations as a Standard Warranty for All Applications in this Section 12.10 Must includes coverage for roof uplift pressures up to 90 MPH	**SF**	NSP
12.10.07	**WARRANTY UPCHARGE:**	Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar Limitations	**SF**	NSP
12.10.08	**WARRANTY UPCHARGE:**	Add to provide coverage for a 30 Year Labor & Material Warranty with No Dollar Limitations	**SF**	NSP-1
12.10.09	**WARRANTY UPCHARGE:**	Add to provide coverage for roof uplift pressures up to 120 MPH	**SF**	NSP-2
12.11	**ROOF CONFIGURATION** **1 Ply of Mineral Surfaced, Torch-Applied Cap Sheet Installed with Torch Application**			
12.11.01	**ROOFING MEMBRANE OPTION:**	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum 300 lbf/in tensile Torch-Applied Membrane	**SF**	9.47

12.11.02	**WARRANTY CHARGE:**	Cost to Provide 20 Year - Labor & Material Warranty with No Dollar Limitations as a Standard Warranty for All Applications in this Section 12.11 Must includes coverage for roof uplift pressures up to 90 MPH	**SF**	NSP
12.11.03	**WARRANTY UPCHARGE:**	Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar Limitations	**SF**	NSP-3
12.11.04	**WARRANTY UPCHARGE:**	Add to provide coverage for a 30 Year Labor & Material Warranty with No Dollar Limitations	**SF**	NSP-1
12.11.05	**WARRANTY UPCHARGE:**	Add to provide coverage for roof uplift pressures up to 120 MPH	**SF**	NSP-2
12.12	**ROOF CONFIGURATION** **1 Ply of Torch-Applied Cap Sheet Installed with Torch Application and Finished with a Flood Coat & Aggregate in Cold Process Modified Asphalt**			
12.12.01	**ROOFING MEMBRANE OPTION:**	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 300 lbf/in tensile Torch-Applied Membrane	**SF**	11.26
12.12.02	**WARRANTY CHARGE:**	Cost to Provide 20 Year - Labor & Material Warranty with No Dollar Limitations as a Standard Warranty for All Applications in this Section 12.12 Must includes coverage for roof uplift pressures up to 90 MPH	**SF**	NSP
12.12.03	**WARRANTY UPCHARGE:**	Labor & Material Warranty with No Dollar Limitations	**SF**	NSP
12.12.04	**WARRANTY UPCHARGE:**	Labor & Material Warranty with No Dollar Limitations	**SF**	NSP-1
12.12.05	**WARRANTY UPCHARGE:**	Add to provide coverage for roof uplift pressures up to 120 MPH	**SF**	NSP-2
12.13	**ROOF CONFIGURATION** **1 Ply of Mineral Surfaced, Self-Adhering Cap Sheet Installed Using Self-Adhering Backing**			
12.13.01	**ROOF CONFIGURATION OPTION:**	ASTM D 6161 (Polyester) OR 6162 (Fiberglass/Polyester) OR 6163 (Fiberglass) Self-Adhering Reinforced Modified Bituminous Sheet Material Type III - Minimum of 130 lbf/in tensile	**SF**	6.66
12.13.02	**WARRANTY CHARGE:**	Cost to Provide 20 Year - Labor & Material Warranty with No Dollar Limitations as a Standard Warranty for All Applications in this Section 12.13 Must includes coverage for roof uplift pressures up to 90 MPH	**SF**	NSP
12.13.03	**WARRANTY UPCHARGE:**	Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar Limitations	**SF**	NSP-3
12.13.04	**WARRANTY UPCHARGE:**	Add to provide coverage for a 30 Year Labor & Material Warranty with No Dollar Limitations	**SF**	NSP-1
12.13.05	**WARRANTY UPCHARGE:**	Add to provide coverage for roof uplift pressures up to 120 MPH	**SF**	NSP-2
12.14	**ROOF CONFIGURATION** **1 Ply Fleece-Back Polymeric Cap Sheet (Top Ply) Adhered in Hot ASTM D 312 Type III OR IV Asphalt with Heat Welded Seams**			
12,14.01	**POLYMERIC TOP PLY OPTION:**	ASTM D 6754 - Ketone Ethylene Ester (KEE) - 50 Mil Thickness	**SF**	7.43
12.14.02	**POLYMERIC TOP PLY OPTION:**	ASTM D 6754 - Ketone Ethylene Ester (KEE) - 60 Mil Thickness	**SF**	12.02

12.14.03	**WARRANTY CHARGE:**	Cost to Provide 20 Year - Labor & Material Warranty with No Dollar Limitations as a Standard Warranty for All Applications in this Section 12.14 Must includes coverage for roof uplift pressures up to 90 MPH	**SF**	NSP
12.14.04	**WARRANTY UPCHARGE:**	Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar Limitations	**SF**	NSP
12.14.05	**WARRANTY UPCHARGE:**	Add to provide coverage for a 30 Year Labor & Material Warranty with No Dollar Limitations	**SF**	NSP-1
12.14.06	**WARRANTY UPCHARGE:**	Add to provide coverage for roof uplift pressures up to 120 MPH	**SF**	NSP-2
12.15	**ROOF CONFIGURATION** **1 Ply Fleece-Back Polymeric Cap Sheet (Top Ply) Adhered in Membrane Adhesive with Heat Weld Seams**			
12.15.01	**POLYMERIC TOP PLY OPTION:**	ASTM D 6754 - Ketone Ethylene Ester (KEE) - 50 Mil Thickness	**SF**	10.19
12.15.02	**POLYMERIC TOP PLY OPTION:**	ASTM D 6754 - Ketone Ethylene Ester (KEE) - 60 Mil Thickness	**SF**	15.46
12.15.03	**MEMBRANE ADHESIVE OPTION:**	**Add/Deduct for Cold Applied Fleece-Back Polymeric Cap Sheet (Top Ply)** Substitute Membrane Adhesive with Cold Applied Asphalt Adhesive	**SF**	-0.24
12.15.04	**MEMBRANE ADHESIVE OPTION:**	**PER SQUARE FOOT COST - Cold Applied Fleece-Back Polymeric Cap Sheet (Top Ply)** Substitute Membrane Adhesive with Solvent-Free Asphalt Adhesive	**SF**	2.18
12.15.05	**WARRANTY CHARGE:**	Cost to Provide 20 Year - Labor & Material Warranty with No Dollar Limitations as a Standard Warranty for All Applications in this Section 12.15 Must includes coverage for roof uplift pressures up to 90 MPH	**SF**	NSP
12.15.06	**WARRANTY UPCHARGE:**	Labor & Material Warranty with No Dollar Limitations	**SF**	NSP
12.15.08	**WARRANTY UPCHARGE:**	Labor & Material Warranty with No Dollar Limitations	**SF**	NSP-1
12.15.09	**WARRANTY UPCHARGE:**	Add to provide coverage for roof uplift pressures up to 120 MPH	**SF**	NSP-2
13.00	**BUILT-UP COAL TAR ROOF WITH FLOOD COAT AND AGGREGATE IN MODIFIED HOT COAL TAR PITCH**			
13.01	**ROOF CONFIGURATION** **1 Ply of Glass Base, 3 Plies of Polyester Mat or 4 ply of Coal Tar Felts in Modified Hot Coal Tar Pitch (CTP), [Insulation & Glass Base] Set in Hot ASTM D 312 Type III or IV Asphalt**			
13.01.01	**ROOF CONFIGURATION OPTION:**	4-Ply ASTM D 4990 Type I Coal Tar Saturated Felts in Modified Coal Tar Pitch; Modified CTP with 2000% Elongation	**SF**	17.70
13.01.02	**ROOF CONFIGURATION OPTION:**	3-Ply Continuous Filament Polyester Mat (5.0 oz./yd2) in Modified Coal Tar Pitch; Modified CTP with 2000% Elongation	**SF**	16.72
13.02	**INTERPLY ADHESIVE & FLOOD COAT OPTION:**	**PER SQUARE FOOT COST - SUBSTITUTE STANDARD COAL TAR PITCH** Add/Deduct for Using Standard Coal Tar Pitch Instead of Modified Coal Tar Pitch	**SF**	-4.41

13.03	**FLOOD COAT OPTION:**	**PER SQUARE FOOT COST - SUBSTITUTE COLD PROCESS+ MODIFIED COAL TAR PITCH FOR FLOOD COAT** Add/Deduct for Using Cold Process Modified Coal Tar Pitch for Flood Coat Instead of Hot Modified Coal Tar Pitch+B222	**SF**	-0.70
13.04	**WARRANTY CHARGE:**	Cost to Provide 20 Year - Labor & Material Warranty with No Dollar Limitations as a Standard Warranty for All Applications in this Section 13.00 Must includes coverage for roof uplift pressures up to 90 MPH	**SF**	NSP
13.05	**WARRANTY UPCHARGE:**	Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar Limitations	**SF**	NSP
13.06	**WARRANTY UPCHARGE:**	Add to provide coverage for a 30 Year Labor & Material Warranty with No Dollar Limitations	**SF**	NSP-1
13.07	**WARRANTY UPCHARGE:**	Add to provide coverage for roof uplift pressures up to 120 MPH	**SF**	NSP-2
14.00	**METAL ROOFING SYSTEMS - LOW SLOPE & STEEP SLOPE (2)**			
14.01	**INSULATION OPTIONS FOR ARCHITECTURAL STANDING SEAM ROOF INSTALLATION OVER SUBSTRATE**			
14.01.01	**INSULATION OPTION:**	Architectural Application - No Insulation; 30 lbs. Felt Underlayment Over Deck	**SF**	1.19
14.01.02	**INSULATION OPTION:**	Architectural Application - No Insulation - WOOD DECK: Class A Fire-Retardant Underlayment	**SF**	5.80
14.01.03	**INSULATION OPTION:**	Architectural Application - Minimal Insulation - WOOD OR METAL DECK: Must Have 1/2" Treated Gypsum Board with Glass-Mat (e.g. DensDeck / Securock / Equal); & 40 mil Self-Adhering Underlayment	**SF**	6.99
14.01.04	**INSULATION OPTION:**	Architectural Application - Mechanically Fasten Polyisocyanurate to Provide an Average R-Value of 20; with 40 mil Self-Adhering Underlayment	**SF**	8.72
14.01.05	**INSULATION OPTION:**	Structural Application Over Open Framing; Over Retrofit Framing; Over an Existing Roof Using Steel Furring - No Insulation	**SF**	3.22
14.01.06	**INSULATION OPTION:**	Structural Application Over Open Framing or Over Retrofit Framing - Fiberglass Batten Insulation with an R-Value of 30	**SF**	4.10
14.01.07	**INSULATION OPTION:**	Structural Application Over Retrofit Framing - Loose Laid Fiberglass Blanket on Existing Deck with an R-Value of 30	**SF**	4.07
14.01.08	**INSULATION OPTION:**	Structural Application Over an Existing Roof Using Steel Furring - Fiberglass Batten Insulation with an R-Value of 20	**SF**	5.68
14.01.09	**INSULATION OPTION:**	Structural Application Over an Existing Roof Using Steel Furring - Mechanically Fastened Polyisocyanurate on Existing Roof with an R-Value of 20	**SF**	8.40

14.02	ROOF CONFIGURATION Architectural or Structural Standing Seam Roof System; Seam Height At or Above 2"			
14.02.01	THICKNESS OPTION:	Bare Aluminum Panel Price - 0.032" Aluminum, 18" - 19" Wide Panels	SF	8.86
14.02.02	THICKNESS OPTION:	Add for Bare Aluminum 0.040" Aluminum , 18" - 19" Wide Panels	SF	1.62
14.02.03	PANEL WIDTH OPTION:	Add for 12" - 13" Panel Width - Aluminum	SF	2.30
14.02.04	PANEL WIDTH OPTION:	Add for 16" - 17" Panel Width - Aluminum	SF	0.85
14.02.05	PANEL WIDTH OPTION:	Add for 24" - 25" Panel Width - Aluminum	SF	1.39
14.02.06	THICKNESS OPTION:	Bare Galvalume Coated Steel or Equal Panel Price - 24 Ga, 18" - 19" Wide Panels	SF	7.94
14.02.07	THICKNESS OPTION:	Bare Galvalume Coated Steel or Equal Panel Price - 22 Ga, 18" - 19" Wide Panels	SF	9.63
14.02.08	PANEL WIDTH OPTION:	Add for 12" - 13" Panel Width - Galvalume Coated Steel or Equal	SF	2.22
14.02.09	PANEL WIDTH OPTION:	Add for 16" - 17" Panel Width - Galvalume Coated Steel or Equal	SF	0.85
14.02.10	PANEL WIDTH OPTION:	Add for 24" - 25" Panel Width - Galvalume Coated Steel or Equal	SF	1.39
14.02.11	COLOR OPTION:	Add for Standard Colors - Fluorocarbon Paint System Over Aluminum or Galvalume Coated Steel Or Equal	SF	1.53
14.02.12	COLOR OPTION:	Add for Designer Colors - Fluorocarbon Paint System Over Aluminum or Galvalume Coated Steel Or Equal	SF	1.84
14.02.13	COLOR OPTION:	Add for Premium or Custom Colors - Fluorocarbon Paint System Over Aluminum or Galvalume Coated Steel Or Equal	SF	2.22
14.02.14	THICKNESS OPTION:	Stainless Steel Panel Price - 24 Ga , 18" - 19" Wide Panels	SF	27.74
14.02.15	THICKNESS OPTION:	Stainless Steel Panel Price - 22 Ga, 18" - 19" Wide Panels	SF	32.92
14.02.16	PANEL WIDTH OPTION:	Add for 12" - 13" Panel Width - Stainless Steel	SF	6.93
14.02.17	PANEL WIDTH OPTION:	Add for 16" - 17" Panel Width - Stainless Steel	SF	2.29
14.02.18	PANEL WIDTH OPTION:	Add for 24" - 25" Panel Width - Stainless Steel	SF	0.46
14.02.19	THICKNESS OPTION:	Copper Panel Price - 16 oz,18" - 19" Wide Panels	SF	30.03
14.02.20	THICKNESS OPTION:	Copper Panel Price - 20 Oz, 18" - 19" Wide Panels	SF	36.39
14.02.21	PANEL WIDTH OPTION:	Add for 12" - 13" Panel Width - Copper	SF	7.29
14.02.22	PANEL WIDTH OPTION:	Add for 16" - 17" Panel Width - Copper	SF	2.56
14.02.23	PANEL WIDTH OPTION:	Add for 24" - 25" Panel Width - Copper	SF	0.55
14.02.24	THICKNESS OPTION:	Zinc Panel Price - 0.032", 18" - 19" Wide Panels	SF	27.67

14.02.25	**THICKNESS OPTION:**	Zinc Panel Price - 0.040", 18" - 19" Wide Panels	**SF**	32.89
14.02.26	**PANEL WIDTH OPTION:**	Add for 12" - 13" Panel Width - Zinc	**SF**	7.05
14.02.27	**PANEL WIDTH OPTION:**	Add for 16" - 17" Panel Width - Zinc	**SF**	2.29
14.02.28	**PANEL WIDTH OPTION:**	Add for 24" - 25" Panel Width - Zinc	**SF**	0.46
14.02.29	**PANEL INSTALLATION OPTION:**	Architectural Application - Installed Over a Deck At or Above 3:12 Slope	**SF**	10.21
14.02.30	**PANEL INSTALLATION OPTION:**	Architectural Application - Installed Over a Deck Below 3:12 Slope	**SF**	8.60
14.02.31	**PANEL INSTALLATION OPTION:**	Structural Application - Installed Over Open Framing At or Above 3:12 Slope	**SF**	10.21
14.02.32	**PANEL INSTALLATION OPTION:**	Structural Application - Installed Over Open Framing Below 3:12 Slope	**SF**	8.60
14.02.33	**PANEL INSTALLATION OPTION:**	Structural Application - At or Above 3:12 Slope - Installed Over Retrofit Framing System	**SF**	22.56
14.02.34	**PANEL INSTALLATION OPTION:**	Structural Application - Installed Over Retrofit Framing System Below 3:12 Slope	**SF**	20.47
14.02.35	**PANEL INSTALLATION OPTION:**	Structural Application - Installed Over Existing Roof Using Steel Furring At or Above 3:12 Slope	**SF**	12.46
14.02.36	**PANEL INSTALLATION OPTION:**	Structural Application - Installed Over Existing Roof Using Steel Furring Below 3:12 Slope	**SF**	9.97
14.02.37	**PANEL FABRICATION OPTION:**	On-Site Roll Forming - To achieve panel lengths in excess of shipping or transportation limitations	**SF**	NSP
14.02.38	**PANEL FABRICATION OPTION:**	Curving Panels - Curving panels to meet architectural requirements	**SF**	3.23
14.02.39	**PANEL FABRICATION OPTION:**	Tapering Panels - Tapering panels to meet architectural requirements	**SF**	3.23
14.02.40	**WARRANTY CHARGE:**	Cost to Provide 20 Year - Labor & Material Warranty with No Dollar Limitations as a Standard Warranty for All Applications in this Section 13.00 Must includes coverage for roof uplift pressures up to 90 MPH	**SF**	NSP
14.02.41	**WARRANTY UPCHARGE:**	Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar Limitations	**SF**	NSP
14.02.42	**WARRANTY UPCHARGE:**	Add to provide coverage for a 30 Year Labor & Material Warranty with No Dollar Limitations	**SF**	NSP
14.02.43	**WARRANTY UPCHARGE:**	Add to provide coverage for roof uplift pressures up to 120 MPH	**SF**	NSP
14.03	**ROOF CONFIGURATION** **Architectural or Structural Standing Seam Roof System; Seam Height At or Above 1" Below 2"; Aluminum Panels**			
14.03.01	**THICKNESS OPTION:**	Bare Aluminum Panel Price - 0.032" Aluminum, 18" Wide Panels	**SF**	6.81
14.03.02	**THICKNESS OPTION:**	Add for Bare Aluminum 0.040" Aluminum , 18" Wide Panels	**SF**	1.53
14.03.03	**PANEL WIDTH OPTION:**	Add for 12" Panel Width - Aluminum	**SF**	2.61
14.03.04	**PANEL WIDTH OPTION:**	Add for 16" Panel Width - Aluminum	**SF**	0.54
14.03.05	**THICKNESS OPTION:**	Bare Galvalume Coated Steel or Equal Panel Price - 24 Ga, 18" Wide Panels	**SF**	6.35
14.03.06	**THICKNESS OPTION:**	Bare Galvalume Coated Steel or Equal Panel Price - 22 Ga, 18" Wide Panels	**SF**	7.63

14.03.07	**PANEL WIDTH OPTION:**	Add for 12" Panel Width - Galvalume Coated Steel or Equal	**SF**	1.62
14.03.08	**PANEL WIDTH OPTION:**	Add for 16" Panel Width - Galvalume Coated Steel or Equal	**SF**	0.46
14.03.09	**COLOR OPTION:**	Add for Standard Colors - Fluorocarbon Paint System Over Aluminum or Galvalume Coated Steel Or Equal	**SF**	1.45
14.03.10	**COLOR OPTION:**	Add for Designer Colors - Fluorocarbon Paint System Over Aluminum or Galvalume Coated Steel Or Equal	**SF**	1.76
14.03.11	**COLOR OPTION:**	Add for Premium or Custom Colors - Fluorocarbon Paint System Over Aluminum or Galvalume Coated Steel Or Equal	**SF**	2.13
14.03.12	**THICKNESS OPTION:**	Stainless Steel Panel Price - 24 Ga , 18" Wide Panels	**SF**	26.83
14.03.13	**THICKNESS OPTION:**	Stainless Steel Panel Price - 22 Ga, 18" Wide Panels	**SF**	32.02
14.03.14	**PANEL WIDTH OPTION:**	Add for 12" Panel Width - Stainless Steel	**SF**	6.93
14.03.15	**PANEL WIDTH OPTION:**	Add for 16" Panel Width - Stainless Steel	**SF**	2.29
14.03.16	**THICKNESS OPTION:**	Copper Panel Price - 16 oz,18" Wide Panels	**SF**	29.28
14.03.17	**THICKNESS OPTION:**	Copper Panel Price - 20 Oz, 18" Wide Panels	**SF**	35.94
14.03.18	**PANEL WIDTH OPTION:**	Add for 12" Panel Width - Copper	**SF**	7.29
14.03.19	**PANEL WIDTH OPTION:**	Add for 16" Panel Width - Copper	**SF**	2.56
14.03.20	**THICKNESS OPTION:**	Zinc Panel Price - 0.032", 18" Wide Panels	**SF**	27.19
14.03.21	**THICKNESS OPTION:**	Zinc Panel Price - 0.040", 18" Wide Panels	**SF**	32.47
14.03.22	**PANEL WIDTH OPTION:**	Add for 12" Panel Width - Zinc	**SF**	6.93
14.03.23	**PANEL WIDTH OPTION:**	Add for 16" Panel Width - Zinc	**SF**	2.29
14.03.24	**PANEL INSTALLATION OPTION:**	Architectural Application - Installed Over Substrate At or Above 3:12 Slope	**SF**	10.04
14.03.25	**PANEL INSTALLATION OPTION:**	Architectural Application - Installed Over Substrate Below 3:12 Slope	**SF**	8.44
14.03.26	**PANEL INSTALLATION OPTION:**	Structural Application - Installed Over Open Framing At or Above 3/12 Slope	**SF**	10.04
14.03.27	**PANEL INSTALLATION OPTION:**	Structural Application - Installed Over Retrofit Framing System At or Above 3:12 Slope	**SF**	22.37
14.03.28	**PANEL INSTALLATION OPTION:**	Structural Application - Installed Over Existing Roof Using Steel Furring At or Above 3:12 Slope	**SF**	12.30
14.03.30	**WARRANTY CHARGE:**	Cost to Provide 20 Year - Labor & Material Warranty with No Dollar Limitations as a Standard Warranty for All Applications in this Section 14.03 Must includes coverage for roof uplift pressures up to 90 MPH	**SF**	NSP
14.03.31	**WARRANTY UPCHARGE:**	Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar Limitations	**SF**	NSP
14.03.32	**WARRANTY UPCHARGE:**	Add to provide coverage for a 30 Year Labor & Material Warranty with No Dollar Limitations	**SF**	NSP

14.03.33	**WARRANTY UPCHARGE:**	Add to provide coverage for roof uplift pressures up to 120 MPH	**SF**	NSP
14.04	**ROOF CONFIGURATION** **Architectural Standing Seam Roof System; Seam Height Below 1"**			
14.04.01	**THICKNESS OPTION:**	Bare Aluminum Panel Price - 0.032" Aluminum, 14.5" Wide Panels	**SF**	6.18
14.04.02	**THICKNESS OPTION:**	Add for Bare Aluminum 0.040" Aluminum, 14.5" Wide Panels	**SF**	7.36
14.04.03	**THICKNESS OPTION:**	Bare Galvalume Coated Steel or Equal Panel Price - 24 Ga, 14.5" Wide Panels	**SF**	6.01
14.04.04	**THICKNESS OPTION:**	Bare Galvalume Coated Steel or Equal Panel Price - 22 Ga, 14.5" Wide Panels	**SF**	6.75
14.04.05	**COLOR OPTION:**	Add for Standard Colors - Fluorocarbon Paint System Over Aluminum or Galvalume Coated Steel Or Equal	**SF**	1.27
14.04.06	**COLOR OPTION:**	Add for Designer Colors - Fluorocarbon Paint System Over Aluminum or Galvalume Coated Steel Or Equal	**SF**	1.62
14.04.07	**COLOR OPTION:**	Add for Premium or Custom Colors - Fluorocarbon Paint System Over Aluminum or Galvalume Coated Steel Or Equal	**SF**	1.75
14.04.08	**THICKNESS OPTION:**	Stainless Steel Panel Price - 24 Ga, 14.5" Wide Panels	**SF**	27.30
14.04.09	**THICKNESS OPTION:**	Stainless Steel Panel Price - 22 Ga, 14.5" Wide Panels	**SF**	32.24
14.04.10	**THICKNESS OPTION:**	Copper Panel Price - 16 Oz., 14.5" Wide Panels	**SF**	29.46
14.04.11	**THICKNESS OPTION:**	Copper Panel Price - 20 Oz., 14.5" Wide Panels	**SF**	36.04
14.04.12	**THICKNESS OPTION:**	Zinc Panel Price - 0.032" , 14.5" Wide Panels	**SF**	28.03
14.04.13	**THICKNESS OPTION:**	Zinc Panel Price - 0.040", 14.5" Wide Panels	**SF**	33.25
14.04.14	**PANEL INSTALLATION OPTION:**	Architectural Application - Installed Over Substrate At or Above 3:12 Slope	**SF**	10.60
14.04.15	**PANEL INSTALLATION OPTION:**	Architectural Application - Installed Over Substrate Below 3:12 Slope	**SF**	8.86
14.04.16	**WARRANTY CHARGE:**	Cost to Provide 15 Year - Material Warranty Limited to the Dollar Amount of the Material Original Purchase as a Standard Warranty for All Applications in this Section 14.04 Must includes coverage for roof uplift pressures up to 90 MPH	**SF**	NSP
14.05	**ROOF CONFIGURATION** **Flat Seam Metal Roof System - 8' Wide / 30 Gauge**			
14.05.01	**INSULATION OPTION:**	3/4" of Expanded Polystyrene (Minimum 1.5 lbs./cft) - Includes Panel and Installation of Roof System	**SF**	21.02
14.05.02	**INSULATION OPTION:**	Mechanically Fastened Polyisocyanurate with an Average R-Value of 20 - Includes Panel and Installation of Roof System	**SF**	24.46
14.05.03	**UNDERLAYMENT OPTION:**	Add Install 40 mil self-adhesive membrane as an Underlayment	**SF**	2.99

14.05.04	**PANEL WIDTH OPTION:**	Add/Deduct for 6' Wide Option	**SF**	1.03
14.05.05	**PANEL WIDTH OPTION:**	Add/Deduct for 10' Wide Option	**SF**	0
14.05.06	**PANEL WIDTH OPTION:**	Add/Deduct for 12' Wide Option	**SF**	-1.09
14.05.07	**WARRANTY CHARGES:**	Cost to Provide 15 Year - Material Warranty Limited to the Dollar Amount of the Material Original Purchase as a Standard Warranty for All Applications in this Section 14.05 Must includes coverage for roof uplift pressures up to 90 MPH	**SF**	NSP
15.00	**RESTORATIONS - RECOATING OF EXISTING ROOF SYSTEMS**			
15.01	**PREPARE METAL ROOF FOR RESTORATION BY WIRE BRUSHING ROOF SURFACE** Wire Brush Metal Roof Surface to Remove Loose Paint, Rust or Expose Bare Metal		**SF**	3.39
15.02	**PREPARE METAL ROOF FOR RESTORATION BY WIRE BRUSHING METAL ROOF SEAMS** Wire Brush Metal Roof Seams to Remove Loose Paint, Rust or Expose Bare Metal		**LF**	4.82
15.03	**PREPARE METAL ROOF FOR RESTORATION BY SANDBLASTING METAL ROOF** Sand-Blast Metal Roof Surface and Seams to Remove Loose Paint, Rust or Expose Bare Metal		**SF**	6.27
15.04	**RESATURATION OF ASPHALT ROOF SURFACE WITH ASPHALT COATING SYSTEM** Wet Vac Roof to Remove Aggregate, Apply Cold Applied Modified Asphalt Flood Coat & New Aggregate - Coating Applied at 6-8 Gallons per Sq. w/ New Gravel According to Manufacturer's Specifications (New Flashings also Required Separate Line Item)		**SF**	7.22
15.05	**RESATURATION OF ASPHALT OR COAL TAR PITCH BURs WITH COAL-TAR PITCH COATING SYSTEM** Wet Vac Roof to Remove Aggregate, Apply Cold Applied Modified Coal Tar Flood Coat & New Aggregate as Specified Applied at 6-8 Gallons per Sq. w/ New Gravel According to Manufacturer's Specifications (New Flashings also Required Refer to Flashing Line Item)		**SF**	11.54
15.06	**RESTORATION OF METAL ROOF SYSTEM WITH SYNTHETIC RUBBER COLD-APPLIED COATING** Prepare Metal Roof Surface by Scraping, Sanding, Wire Brush or Blasting (USE SEPRATE LINE ITEM FOR BLASTING OR WIRE BRUSHING); Clean with TSP or Simple Green; Use Portable Blowers to Clear Roof of Moisture; Apply seam sealer to seams (1 Gallon per 14 left) Base Coat / Top Coat with Synthetic Rubberized Restorative Coating (1.5 Gallons per Sq.) According to Manufacturer's Specifications		**SF**	6.56
15.07	**RESTORATION OF A METAL ROOF SYSTEM WITH SINGLE-COMPONENT URETHANE** Prepare Metal Roof Surface by Scraping, Sanding, Wire Brush or Blasting (USE SEPARATE LINE ITEM FOR BLASTING OR WIRE BRUSHING); Clean with TSP or Simple Green, Apply Primer with Rust Inhibiting and Chemical Corrosion Resistance at a Rate of 1/4 Gallon per Square; Wait at least 3 Hours for Primer to Dry; Strip in Seams, Around Penetrations and Fasteners with a Single-Component, Aliphatic Urethane at a Rate of 2 Gallons per Square / Reinforcement / 1 Gallon per Square (3 Gallons per Square on All Stripped in Areas) USE SEPARATE LINE ITEM; Wait 24-48 Hours; Apply Single-Component, Aliphatic Urethane as a Base Coat at a Rate of 1.5 Gallons per Square and Top Coat at a Rate of 1.0 Gallon per Square Over the Entire Roof According to Manufacturer's Specifications.		**SF**	9.63
15.08	**RESTORATION OF A METAL ROOF SYSTEM WITH TWO-COMPONENT, LOW-ODER URETHANE** Prepare Metal Roof Surface by Scraping, Sanding, Wire Brush or Blasting (USE SEPARATE LINE ITEM FOR BLASTING OR WIRE BRUSHING); Clean with TSP or Simple Green, Apply Primer with Rust Inhibiting and Chemical Corrosion Resistance at a Rate of 1/4 Gallon per Square; Wait at least 3 Hours for Primer to Dry; Strip in Seams, Around Penetrations and Fasteners with a Two-Component, Low-Oder Urethane at a Rate of 2 Gallons per Square / Reinforcement / 1 Gallon per Square (3 Gallons per Square on All Stripped-In Areas) USE SEPARATE LINE ITEM; Wait 24-48 Hours; Apply Two-Component, Low-Oder Urethane as a Base Coat at a Rate of 1.5 Gallons per Square and Top Coat at a Rate of 1.0 Gallon per Square Over the Entire Roof According to Manufacturer's Specifications.		**SF**	9.80
15.09	**COAT ROOF WITH HIGH PERFORMANCE FLUORPOLYMER PAINT SYSTEM FOR METAL ROOFS** Prepare Metal Roof Surface by Scraping, Sanding, Wire Brushing or Blasting (USE SEPARATE LINE ITEM FOR BLASTING & WIRE BRUSHING); Clean with TSP or Simple Green, Prime at a Rate of (Primer 1/4" Gallon per Square); Wait; Install Base Coat and Top Coat at a Rate of 1/4 Gallon per Sq. per Coat According to Manufacturer's Specifications		**SF**	7.16
15.10	**RESTORATION OF A SINGLE-PLY WITH SINGLE-COMPONENT URETHANE & STRIPPED SEAMS** Prepare Roof Surface by Cleaning with TSP or Simple Green, Use Portable Blowers to Clear the Roof Surface of Moisture; Strip in Seams by Applying a Single-Component, Aliphatic Urethane 2 Gallons per Square USE SEPARATE LINE ITEM, Wait 24-48 Hours, Apply Single-Component, Aliphatic Urethane as a Base Coat at a Rate of 1.5 Gallons per Square and Top Coat at a Rate of 1.0 Gallon per Square Over the Entire Roof According to Manufacturer's Specifications.		**SF**	8.67

15.11	**RESTORATION OF SMOOTH-SURFACED BURs/MODIFIED BURS ROOF SYSTEMS WITH SINGLE-COMPONENT URETHANE & REINFORCED SEAMS** Prepare Roof Surface by Cleaning with TSP or Simple Green, Use Portable Blowers to Clear the Roof Surface of Moisture; Reinforce Seams by Applying a Single-Component, Aliphatic Urethane 2 Gallons per Square / Reinforcement / 1 Gallon per Square (3 Gallons per Square on Seams) USE SEPARATE LINE ITEM, Wait 24-48 Hours, Apply Single-Component, Aliphatic Urethane as a Base Coat at a Rate of 2 Gallons per Square and a Top Coat of 1.5 Gallons per Square Over the Entire Roof According to Manufacturer's Specifications.	**SF**	11.29
15.12	**RESTORATION OF A SINGLE-PLY ROOF OR SMOOTH-SURFACE BUR/MODIFIED BUR SYSTEMS WITH FULLY-REINFORCED, SINGLE-COMPONENT URETHANE** Prepare Roof Surface by Cleaning with TSP or Simple Green, Use Portable Blowers to Clear the Roof Surface of Moisture; Reinforce Entire Roof Surface by Applying a Single-Component, Aliphatic Urethane 2 Gallons per Square / Reinforcement / 1 Gallon per Square (3.0 Gallons per Square Total Prior to Top Coat), Wait 24-48 Hours, Apply Single-Component, Aliphatic Urethane as a Top Coat at a Rate of 2 Gallons per Square Over the Entire Roof According to Manufacturer's Specifications.	**SF**	16.90
15.13	**RESTORATION OF A MINERAL-SURFACED BURs/MODIFIED BURS ROOF SYSTEMS WITH SINGLE-COMPONENT URETHANE & REINFORCED SEAMS** Prepare Roof Surface by Cleaning with TSP or Simple Green, Use Portable Blowers to Clear the Roof Surface of Moisture; Reinforce Seams by Applying a Single-Component, Aliphatic Urethane 2 Gallons per Square / Reinforcement / 1 Gallon per Square (3 Gallons per Square on Seams) USE SEPARATE LINE ITEM, Wait 24-48 Hours, Apply Single-Component, Aliphatic Urethane as a Base Coat at a Rate of 2.0 Gallons per Square and Top Coat at a Rate of 2.0 Gallons per Square Over the Entire Roof According to Manufacturer's Specifications.	**SF**	12.74
15.14	**RESTORATION OF A MINERAL-SURFACE BUR/MODIFIED BUR SYSTEMS WITH FULLY-REINFORCED, SINGLE-COMPONENT URETHANE** Prepare Roof Surface by Cleaning with TSP or Simple Green, Use Portable Blowers to Clear the Roof Surface of Moisture; Reinforce Entire Roof Surface by Applying a Single-Component, Aliphatic Urethane 2 Gallons per Square / Reinforcement / 1.5 Gallon per Square (3.5 Gallons per Square Total Prior to Top Coat), Wait 24-48 Hours, Apply Single-Component, Aliphatic Urethane as a Top Coat at a Rate of 2 Gallons per Square Over the Entire Roof According to Manufacturer's Specifications.	**SF**	18.35
15.15	**RESTORATION OF A SINGLE-PLY WITH TWO-COMPONENT, LOW-ODER URETHANE & STRIPPED SEAMS** Prepare Roof Surface by Cleaning with TSP or Simple Green, Use Portable Blowers to Clear the Roof Surface of Moisture; Strip in Seams by Applying a Two-Component, Low-Oder Urethane 2 Gallons per Square USE SEPARATE LINE ITEM, Wait 24-48 Hours, Apply Two-Component, Low-Oder Urethane as a Base Coat at a Rate of 1.5 Gallons per Square and a Top Coat at a Rate of 1.0 Gallon per Square Over the Entire Roof According to Manufacturer's Specifications.	**SF**	9.01
15.16	**RESTORATION OF SMOOTH-SURFACED BURs/MODIFIED BURS ROOF SYSTEMS WITH TWO-COMPONENT, LOW-ODER URETHANE & REINFORCED SEAMS** Prepare Roof Surface by Cleaning with TSP or Simple Green, Use Portable Blowers to Clear the Roof Surface of Moisture; Reinforce Seams by Applying a Two-Component, Low-Oder Urethane 2 Gallons per Square / Reinforcement / 1 Gallon per Square (3 Gallons per Square on Seams) USE SEPARATE LINE ITEM, Wait 24-48 Hours, Apply Two-Component, Low-Oder Urethane as a Base Coat at a Rate of 2 Gallons per Square and a Top Coat at a Rate of 1.5 Gallons per Square Over the Entire Roof According to Manufacturer's Specifications.	**SF**	11.97
15.17	**RESTORATION OF A SINGLE-PLY ROOF OR SMOOTH-SURFACE BUR/MODIFIED BUR SYSTEMS WITH FULLY-REINFORCED, TWO-COMPONENT, LOW-ODER URETHANE** Prepare Roof Surface by Cleaning with TSP or Simple Green, Use Portable Blowers to Clear the Roof Surface of Moisture; Reinforce Entire Roof Surface by Applying a Two-Component, Low-Oder Urethane 2 Gallons per Square / Reinforcement / 1 Gallon per Square (3 Gallons per Square Total Prior to Top Coat), Wait 24-48 Hours, Apply Two-Component, Low-Oder Urethane as a Top Coat at a Rate of 2 Gallons per Square Over the Entire Roof According to Manufacturer's Specifications.	**SF**	17.61
15.18	**RESTORATION OF A MINERAL-SURFACED BURs/MODIFIED BURS ROOF SYSTEMS WITH TWO-COMPONENT, LOW-ODOR URETHANE & REINFORCED SEAMS** Prepare Roof Surface by Cleaning with TSP or Simple Green, Use Portable Blowers to Clear the Roof Surface of Moisture; Reinforce Seams by Applying a Two-Component, Low-Oder Urethane 2.0 Gallons per Square / Reinforcement / 1.0 Gallon per Square (3 Gallons per Square on Seams) USE SEPARATE LINE ITEM, Wait 24-48 Hours, Apply Two-Component, Low-Oder Urethane as a Base Coat at a Rate of 2.0 Gallons per Square and a Top Coat at a Rate of 2.0 Gallons per Square Over the Entire Roof According to Manufacturer's Specifications.	**SF**	13.42
15.19	**RESTORATION OF A MINERAL-SURFACE BUR/MODIFIED BUR SYSTEMS WITH FULLY-REINFORCED, TWO-COMPONENT, LOW-ODER URETHANE** Prepare Roof Surface by Cleaning with TSP or Simple Green, Use Portable Blowers to Clear the Roof Surface of Moisture; Reinforce Entire Roof Surface by Applying a Two-Component, Low-Oder Urethane 2 Gallons per Square / Reinforcement / 1.5 Gallon per Square (3.5 Gallons per Square Total Prior to Top Coat), Wait 24-48 Hours, Apply Two-Component, Low-Oder Urethane as a Top Coat at a Rate of 2 Gallons per Square Over the Entire Roof According to Manufacturer's Specifications.	**SF**	19.06

15.20	**RESATURATION OF SMOOTH-SURFACED ASPHALT ROOF WITH FULLY REINFORCED FIBERED ASPHALT COATING SYSTEM** Infrared roof scan roof system and replace all wet insulation (USE SEPARATE LINE ITEMS); Prime the roof surface at rate of 1/2 - 3/4 Gallons per Square; Apply heavy-bodied, fiber reinforced asphalt roof coating and embed firm polyester reinforcement at a rate of 3.0 Gallons per Square / Polyester /3.5 Gallons per Square.	**SF**	4.98
15.21	**RESATURATION OF SMOOTH-SURFACED ASPHALT ROOF WITH FULLY REINFORCED FIBERED ASPHALT COATING SYSTEM** Infrared roof scan roof system and replace all wet insulation (USE SEPARATE LINE ITEMS); Prime the roof surface at rate of 1/2 - 3/4 Gallons per Square; Apply heavy-bodied, fiber reinforced asphalt roof coating and embed soft polyester reinforcement at a rate of 1.2 Gallons per Square / Polyester /1.4 Gallons per Square.	**SF**	5.74
15.22	**RESATURATION OF MINERAL-SURFACED ASPHALT ROOF WITH FULLY REINFORCED FIBERED ASPHALT COATING SYSTEM** Infrared roof scan roof system and replace all wet insulation (USE SEPARATE LINE ITEMS); Prime the roof surface at rate of 1/2 - 3/4 Gallons per Square; Apply heavy-bodied, fiber reinforced asphalt roof coating and embed firm polyester reinforcement at a rate of 3.5 Gallons per Square / Polyester / 3.5 Gallons per Square.	**SF**	5.24
15.23	**RESATURATION OF MINERAL-SURFACED ASPHALT ROOF WITH FULLY REINFORCED FIBERED ASPHALT COATING SYSTEM** Infrared Roof Scan Roof System And Replace All Wet Insulation (Use Separate Line Items); Prime The Roof Surface At Rate Of 1/2 - 3/4 Gallons Per Square; Apply Heavy-Bodied, Fiber Reinforced Asphalt Roof Coating And Embed Soft Polyester Reinforcement At A Rate Of 1.4 Gallons Per Square / Polyester /1.4 Gallons Per Square.	**SF**	6.07
15.24	**COAT EXISTING ROOF SURFACE WITH FIBRATED ALUMINUM ROOF COATING** Prepare Roof Surface by Sweeping Off All Dirt, Dust and Debris; If Existing Roof Surface is Weathered, Prime the Roof Surface at a Rate of 1 Gallon per Square; If Repairs to Any Cracks, Splits or Surface Irregularities Exist, Repair with a 3 Course Application of Mastic / Mesh / Mastic (USE SEPARATE LINE ITEM); Apply Fibrated Aluminum Roof Coating at a Rate of 2 Gallons per Square.	**SF**	2.94
15.25	**RESTORATION OF SMOOTH-SURFACED OR MINERAL-SURFACED ASPHALT-BASED ROOF WITH FULLY-REINFORCED GLASS FIBERED ASPHALT EMULSION** Prepare Roof Surface to be Clean & Free of Dust; Repair All Splits Tears of Blisters with a Three Course Application of Mastic / Mesh / Mastic (USE SEPARATE LINE ITEM); Prime the Roof Surface at a Rate of 1/2 Gallon per Square. Embed Polyester into the Asphalt Emulsion in a 2 Coat Application at a Rate of 3 Gallons per Square / Polyester / 3 Gallons per Square	**SF**	4.64
15.26	**RESTORATION OF SMOOTH-SURFACED OR MINERAL-SURFACED ASPHALT-BASED ROOF WITH GLASS FIBERED ASPHALT EMULSION** Prepare Roof Surface to be Clean & Free of Dust; Repair All Splits Tears of Blisters with a Three Course Application of Mastic / Mesh / Mastic (USE SEPARATE LINE ITEM); Prime the Roof Surface at a Rate of 1/2 Gallon per Square. Apply Asphalt Emulsion in a 2 Coat Application at a Rate of 2.5 Gallons per Square per Coat.	**SF**	3.23
15.27	**RESTORATION OF SINGLE-PLY, SMOOTH-SURFACED OR MINERAL-SURFACED ASPHALT-BASED ROOF WITH SILICONE COATING** Prepare Roof Surface to be Clean & Free of Dust; Apply Silicone Coating System in a Single Coat Application at a Rate of 2.5 Gallons per Square	**SF**	5.37
15.28	**RESTORATION OF GRAVEL-SURFACED ASPHALT-BASED ROOF WITH SILICONE COATING** Wet Vac or Spud Any Loose Gravel Off of Roof Surface & Dispose; Sweep Roof Surface to be Clean and Free of Dust; Apply Primer as a Bleed-Blocker at a Rate of 1/2 Gallon per Square; Apply Self-Leveling Silicone at a Rate of 6 Gallons per Square; Apply Silicone Coating System in a Single Coat Application at a Rate of 2.5 Gallons per Square.	**SF**	8.05
15.29	**ELASTOMERIC ASPHALT-BASED LIQUID APPLIED MEMBRANE SYSTEM FOR SMOOTH OR MINERAL SURFACED ROOFS** Clean and Prime then Install Base Coat / Top Coat as Specified with Reinforced Seams - Restoration Coating Fully Reinforced System w/ Reflective Top Coat (3 Gallons per Sq. of Restoration Coating - Reinforcement - Additional 3 Gallons per Sq. of Restoration Coating; Allow 30 Day Cure and Install Reflective Coating at 1 Gallon per Sq. (New Flashings also Required Refer to Flashing Line Item)	**SF**	11.61
15.30	**REINFORCING SEAMS WITH SINGLE-COMPONENT URETHANE** Reinforce Seams by Applying a Single-Component, Aliphatic Urethane 2 Gallons per Square / Reinforcement / 1 Gallons per Square (3 Gallons per Square on Seams)	**LF**	14.29
15.31	**REINFORCING SEAMS WITH TWO-COMPONENT, LOW-ODER URETHANE** Reinforce Seams by Applying a Two-Component, Low-Oder Urethane 2 Gallons per Square / Reinforcement / 1 Gallons per Square (3 Gallons per Square on Seams)	**LF**	15.10
15.32	**STRIPPING IN SEAMS WITH SINGLE-COMPONENT URETHANE** Strip in Seams by Applying a Single-Component, Aliphatic Urethane 2 Gallons per Square	**LF**	4.51
15.33	**STRIPPING IN SEAMS WITH TWO-COMPONENT, LOW-ODER URETHANE** Strip in Seams by Applying a Two-Component, Low Odor Urethane 2 Gallons per Square	**LF**	5.27
16.00	**INSTALLATION OF SHAKE, TILE, OR SHINGLE ROOF SYSTEMS**		

16.01	**INSTALL NEW THREE-TAB SHINGLE ROOF SYSTEM -** New Three-Tab Shingles with Base Sheet as an Underlayment; Install Self-Adhering Underlayment on All Eaves, Peaks & Valleys		**SF**	8.17
16.02	**REPLACING ARCHITECTURAL SHINGLE ROOF SYSTEM -** New Dimensional Shingle Roof System with Base Sheet as an Underlayment, Install Self-Adhering Underlayment on All Eaves, Peaks & Valleys		**SF**	9.06
16.03	**INSTALL NEW DIMENSIONAL SHINGLE ROOF SYSTEM -** New Dimensional Shingle Roof System with Base Sheet as an Underlayment; Install Self-Adhering Underlayment on All Eaves, Peaks & Valleys		**SF**	8.99
16.04	**INSTALL NEW CEDAR SHAKE ROOF SYSTEM -** New Cedar Shake Roof System with Base Sheet as an Underlayment; Install Self-Adhering Underlayment on All Eaves, Peaks & Valleys		**SF**	20.80
16.05	**INSTALL NEW BARREL CLAY/CEMENT TILE ROOF SYSTEM -** New Barrel Clay/Cement Tile Roof System with Base Sheet as an Underlayment; Install Self-Adhering Underlayment on All Eaves, Peaks & Valleys		**SF**	29.94
16.06	**INSTALL SLATE TILE ROOF SYSTEM -** New Slate Tile Roof System with Base Sheet as an Underlayment; Install Self-Adhering Underlayment on All Eaves, Peaks & Valleys		**SF**	31.03
16.07	**ADD/DEDIUCT TO INSTALL SELF-ADHERING UNDERLAYMENT OVER ENTIRE ROOF -** Install Self-Adhering Underlayment on Entire Roof Deck		**SF**	2.72
17.00	**FULLY ADHERED SINGLE-PLY ROOF SYSTEMS**			
17.01	**METAL DECK - SINGLE-PLY APPLICATION**			
17.01.01	**INSULATION OPTION:**	Mechanically Fasten Polyisocyanurate / Adhere 1/2" Treated Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock / Equal) with Insulation Adhesive to Provide an Average R-Value of 20	**SF**	6.99
17.02	**WOOD/TECTUM DECK - SINGLE-PLY APPLICATION**			
17.02.01	**INSULATION OPTION:**	WOOD DECK: Mechanically Fasten Polyisocyanurate / Adhere Treated 1/2" Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock / Equal) with Insulation Adhesive to Provide an Average R-Value of 20	**SF**	6.99
17.02.02	**INSULATION OPTION:**	TECTUM DECK: Mechanically Attach Base Sheet & Adhere Polyisocyanurate in Insulation Adhesive / Adhere 1/2" Treated Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock / Equal) in Insulation Adhesive to Provide an Average R-Value of 20	**SF**	12.98
17.02.03	**INSULATION OPTION:**	Without Insulation - Must Include Rosin & Mechanically Fasten Glass Base Sheet	**SF**	1.64
17.03	**LIGHTWEIGHT CONCRETE/GYPSUM DECK - SINGLE-PLY APPLICATION**			
17.03.01	**INSULATION OPTION:**	Adhere Polyisocyanurate in Insulation Adhesive / Adhere 1/2" Treated Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock / Equal) in Insulation Adhesive to Provide an Average R-Value of 20	**SF**	12.98
17.03.02	**INSULATION OPTION:**	Without Insulation - Must Include Rosin & Mechanically Fasten Glass Base Sheet	**SF**	2.34
17.04	**CONCRETE DECK - SINGLE-PLY APPLICATION**			

17.04.01	**INSULATION OPTION:**	Adhere Polyisocyanurate in Insulation Adhesive / Adhere 1/2" Treated Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock / Equal) in Insulation Adhesive to Provide an Average R-Value of 20	**SF**	9.70
17.04.02	**INSULATION OPTION:**	Minimal Insulation - Must Adhere 1/2" Treated Gypsum Insulation Board with Glass-Mat (e.g. DensDeck / Securock / Equal) in Insulation Adhesive to Provide an Average R-Value of 20	**SF**	2.92
17.05	**ROOF CONFIGURATION:** **Fully Adhered Single-Ply Roof System Installed Over Prepared Surface or Insulation**			
17.05.01	**SINGLE-PLY ROOF TYPE:**	ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 45 Mil Thickness	**SF**	2.68
17.05.02	**SINGLE-PLY ROOF TYPE:**	ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 60 Mil Thickness	**SF**	6.40
17.05.03	**SINGLE-PLY ROOF TYPE:**	ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 90 Mil Thickness	**SF**	7.11
17.05.04	**SINGLE-PLY ROOF TYPE:**	ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 45 Mil Thickness	**SF**	2.41
17.05.05	**SINGLE-PLY ROOF TYPE:**	ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 60 Mil Thickness	**SF**	5.87
17.05.06	**SINGLE-PLY ROOF TYPE:**	ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 90 Mil Thickness	**SF**	8.46
17.05.07	**SINGLE-PLY ROOF TYPE:**	ASTM D 4434 - Poly Vinyl Chloride (PVC) - 45 Mil Thickness	**SF**	3.48
17.05.08	**SINGLE-PLY ROOF TYPE:**	ASTM D 4434 - Poly Vinyl Chloride (PVC) - 60 Mil Thickness	**SF**	7.28
17.05.09	**SINGLE-PLY ROOF TYPE:**	ASTM D 4434 - Poly Vinyl Chloride (PVC) - 90 Mil Thickness	**SF**	8.82
17.05.10	**SINGLE-PLY ROOF TYPE:**	ASTM D 6754 - Ketone Ethylene Ester (KEE) - 45 Mil Thickness	**SF**	4.62
17.05.11	**SINGLE-PLY ROOF TYPE:**	ASTM D 6754 - Ketone Ethylene Ester (KEE) - 60 Mil Thickness	**SF**	11.14
17.05.12	**SINGLE-PLY ROOF TYPE:**	ASTM D 6754 - Ketone Ethylene Ester (KEE) - 80 Mil Thickness	**SF**	12.72
17.05.13	**INSTALLATION OPTION:**	Add / Deduct for Mechanically Attaching Single-Ply Roof System Vs. Fully Adhering	**SF**	-0.66
17.05.15	**WARRANTY CHARGES:**	Cost to Provide 15 Year - Material Warranty Limited to the Dollar Amount of the Material Original Purchase as a Standard Warranty for All Applications in this Section 17.05 Must includes coverage for roof uplift pressures up to 90 MPH	**SF**	NSP
17.05.16	**WARRANTY UPCHARGE:**	Add to provide coverage for a 15 Year Labor & Material Warranty with No Dollar Limitations	**SF**	NSP
17.05.17	**WARRANTY UPCHARGE:**	Add to provide coverage for a 20 Year Labor & Material Warranty with No Dollar Limitations	**SF**	0.20
17.05.18	**WARRANTY UPCHARGE:**	Add to provide coverage for roof uplift pressures up to 120 MPH	**SF**	NSP-2
18.00	**FLUID APPLIED WATERPROOFING MEMBRANE SYSTEMS WITH POLYURETHANE RESIN COATINGS**			
18.01	**POLYURETHANE COATINGS DIRECT TO PRIMED CONCRETE SUBSTRATE (INCLUDE PRIMER FOR CONCRETE SUBSTRATE)**			
18.01.01	**FLUID APPLIED MEMBRANE SYSTEM:**	Two Coat System	**SF**	16.46
18.01.02	**FLUID APPLIED MEMBRANE SYSTEM:**	Three Coat System	**SF**	20.44

18.01.03	**FLUID APPLIED MEMBRANE SYSTEM:**	Three Coat Reinforced System	**SF**	23.11
18.01.04	**FLUID APPLIED MEMBRANE SYSTEM:**	Four Coat Reinforced System	**SF**	29.01
18.01.05	**WARRANTY CHARGES:**	5 Year Waterproofing Material Warranty Limited to the Dollar Amount of the Material Original Purchase as a Standard Warranty for All Applications in this Section 18.01	**SF**	NSP
18.01.06	**WARRANTY CHARGES:**	10 Year Waterproofing Material Warranty Limited to the Dollar Amount of the Material Original Purchase as a Standard Warranty for All Applications in this Section 18.01	**SF**	NSP
18.02	**POLYURETHANE COATINGS DIRECT TO WOOD SUBSTRATE**			
18.02.01	**FLUID APPLIED MEMBRANE SYSTEM:**	Two Coat System	**SF**	12.56
18.02.02	**FLUID APPLIED MEMBRANE SYSTEM:**	Three Coat System	**SF**	15.70
18.02.03	**FLUID APPLIED MEMBRANE SYSTEM:**	Three Coat Reinforced System	**SF**	17.92
18.02.04	**FLUID APPLIED MEMBRANE SYSTEM:**	Four Coat Reinforced System	**SF**	22.40
18.02.05	**WARRANTY CHARGES:**	5 Year Waterproofing Material Warranty Limited to the Dollar Amount of the Material Original Purchase as a Standard Warranty for All Applications in this Section 18.02	**SF**	NSP
18.02.06	**WARRANTY CHARGES:**	10 Year Waterproofing Material Warranty Limited to the Dollar Amount of the Material Original Purchase as a Standard Warranty for All Applications in this Section 18.02	**SF**	NSP
18.03	**FLUID APPLIED WATERPROOFING MEMBRANE SYSTEM BASE ON POLYURETHANE RESINS - CONCRETE SURFACE REPAIRS & PREPARATION**			
18.03.01	**CONCRETE REPAIRS TO OVERHEAD SURFACES: 2"-4" DEPTH** Removal and replacement of damaged concrete to exclude substrate repair / re-installation		**SF**	198.02
18.03.02	**CONCRETE REPAIRS TO OVERHEAD SURFACES: FULL DEPTH** Removal and replacement of damaged concrete to exclude substrate repair / re-installation		**SF**	961.15
18.03.03	**CONCRETE REPAIRS TO VERTICAL SURFACES: 3"-5" DEPTH** Removal and replacement of damaged concrete to exclude substrate repair / re-installation		**SF**	125.57
18.03.04	**CONCRETE REPAIRS TO VERTICAL SURFACES - 5"-8" DEPTH** Removal and replacement of damaged concrete to exclude substrate repair / re-installation; includes reinforcement		**SF**	197.30
18.03.05	**CONCRETE REPAIRS TO VERTICAL SURFACES - FULL DEPTH** Removal and replacement of damaged concrete to exclude substrate repair / re-installation; includes reinforcement		**SF**	865.03
18.03.06	**CONCRETE REPAIRS TO HORIZONTAL SURFACES: 2"-4" DEPTH** Removal and replacement of damaged concrete to exclude substrate repair / re-installation		**SF**	59.20
18.03.07	**CONCRETE REPAIRS TO HORIZONTAL SURFACES - 4"-6" DEPTH** Removal and replacement of damaged concrete to exclude substrate repair / re-installation; includes reinforcement		**SF**	66.36
18.03.08	**CONCRETE REPAIRS TO HORIZONTAL SURFACES - FULL DEPTH** Removal and replacement of damaged concrete to exclude substrate repair / re-installation; includes reinforcement		**SF**	114.80
18.03.09	**GRINDING** Grind an existing coating		**SF**	2.41
18.03.10	**HANDHELD GRINDING** Grind an existing coating in areas that only can be done by hand		**SF**	11.57
18.03.11	**MILLING** Mill an existing coating 1/8 inch to 1/4 inch		**SF**	4.82
18.03.12	**PRESSURE WASHING - HORIZONTAL** Pressure washing horizontal surfaces with 2000 PSI or greater		**SF**	0.98
18.03.13	**PRESSURE WASHING - VERTICAL** Pressure washing horizontal surfaces with 2000 PSI or greater		**SF**	1.74
18.03.14	**SAND BLASTING** Sand blast an existing coating		**SF**	6.75
18.03.15	**SHOT BLASTING** Shot blast an existing coating		**SF**	2.41

18.04	**FLUID APPLIED WATERPROOFING MEMBRANE SYSTEM BASE ON POLYURETHANE RESINS - ANCILARY REPAIRS & SURFACE PREPARATION**			
18.04.01	**STRUCTURAL EXPANSION JOINT** Installation or replacement of an expansion joint that is necessary for structural integrity		**LF**	645.89
18.04.02	**CAULKING JOINTS** Installation of caulking in joints. See caulking chart		**LF**	-
18.04.03	**ROUTING AND REMOVAL OF EXISTING CAULK** Rout and remove of existing caulk out of expansion joints		**LF**	9.24
18.04.04	**EPOXY INJECTION FOR CRACK REPAIR** Route cracks, drill holes every 18" inches, and inject and seal with epoxy		**LF**	46.15
18.04.05	**TAPE WOOD DECK JOINTS - INSTALLATION OF TAPE ON DECK JOINTS**		**LF**	1.85
18.04.06	**WOOD SUBSTRATE REPLACEMENT - REMOVAL AND REPLACEMENT**		**SF**	10.96
18.05	**FLUID APPLIED WATERPROOFING MEMBRANE SYSTEM BASE ON POLYURETHANE RESINS - ADDITIONAL OPTIONS FOR APPLICATION & SURFACING**			
18.05.01	**INSTALL REINFORCEMENT IN COATING SYSTEM** Installation of reinforcement adjustment of coverage rates to accommodate reinforcement		**LF**	2.59
18.05.02	**BROADCAST GRANULES TO PROVIDE SKID RESISTANCE** Broadcast aggregate or granules to provide skid resistance in top **coat**		**LF**	1.33
19.00	**WALL COATINGS FOR COATING WALL SYSTEMS**			
19.01	**ELASTOMERIC COATING FOR STUCCO WALL SYSTEM -** Base Coat of Coating @ 1 Gallon per Sq. / Top Coat @ 1 Gallon per Sq. Applied as Specified		**SF**	8.31
19.02	**ELASTOMERIC COATING FOR EFIS WALL SYSTEM -** Base Coat of Coating @ 1 Gallon per Sq. / Top Coat @ 1 Gallon per Sq. Applied as Specified		**SF**	8.70
19.03	**ELASTOMERIC COATING FOR CMU WALL SYSTEM -** Base Coat of Coating @ 1 Gallon per Sq. / Top Coat @ 1 Gallon per Sq. Applied as Specified		**SF**	9.47
19.04	**ELASTOMERIC COATING FOR CONCRETE TILT WALL SYSTEM -** Base Coat of Coating @ 1 Gallon per Sq. / Top Coat @ 1 Gallon per Sq. Applied as Specified		**SF**	7.90
20.00	**NEW FLASHINGS FOR ROOFING SYSTEMS & RESTORATION OPTIONS**			
20.01	**ROOF FLASHINGS FOR MODIFIED & COAL TAR PITCH ROOF SYSTEMS:** Minimum 1 Ply of Base Flashing and Mineral Cap Sheet Installed in Hot ASTM D 312 Type III or IV Asphalt			
20.01.01	**FLASHING OPTION:**	Separate Base & Top Ply: BASE PLY: SBS Modified Fiberglass Reinforced Base Flashing Ply w/ Tensile Strength of 100 lbf/in tensile (ASTM D 5147); TOP PLY: ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type II - 80 lbf/in tensile	**SF**	18.41
20.01.02	**FLASHING OPTION:**	BASE PLY: SBS Modified Fiberglass Reinforced Base Flashing Ply w/ Tensile Strength of 100 lbf/in tensile (ASTM D 5147); TOP PLY: ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type III - 220 lbf/in tensile	**SF**	19.83
20.01.03	**FLASHING OPTION:**	BASE PLY: SBS Modified Fiberglass Reinforced Base Flashing Ply w/ Tensile Strength of 100 lbf/in tensile (ASTM D 5147); TOP PLY: ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - 310 lbf/in tensile	**SF**	20.53
20.01.04	**FLASHING OPTION:**	BASE PLY: SBS Modified Fiberglass Reinforced Base Flashing Ply w/ Tensile Strength of 100 lbf/in tensile (ASTM D 5147); TOP PLY: ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - 500 lbf/in tensile	**SF**	21.68

20.01.05	**FLASHING OPTION:**	BASE PLY: SBS Modified Fiberglass Reinforced Base Flashing Ply w/ Tensile Strength of 100 lbf/in tensile (ASTM D 5147); TOP PLY: ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - 600 lbf/in tensile	**SF**	22.22
20.01.06	**FLASHING OPTION:**	Separate Base & Top Ply: BASE PLY: SBS Modified Fiberglass Reinforced Base Flashing Ply w/ Tensile Strength of 200 lbf/in tensile (ASTM D 5147); TOP PLY: ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type II - 80 lbf/in tensile	**SF**	19.37
20.01.07	**FLASHING OPTION:**	BASE PLY: SBS Modified Fiberglass Reinforced Base Flashing Ply w/ Tensile Strength of 200 lbf/in tensile (ASTM D 5147); TOP PLY: ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type III - 220 lbf/in tensile	**SF**	20.78
20.01.08	**FLASHING OPTION:**	BASE PLY: SBS Modified Fiberglass Reinforced Base Flashing Ply w/ Tensile Strength of 200 lbf/in tensile (ASTM D 5147); TOP PLY: ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - 310 lbf/in tensile	**SF**	21.49
20.01.09	**FLASHING OPTION:**	BASE PLY: SBS Modified Fiberglass Reinforced Base Flashing Ply w/ Tensile Strength of 200 lbf/in tensile (ASTM D 5147); TOP PLY: ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - 500 lbf/in tensile	**SF**	22.62
20.01.10	**FLASHING OPTION:**	BASE PLY: SBS Modified Fiberglass Reinforced Base Flashing Ply w/ Tensile Strength of 200 lbf/in tensile (ASTM D 5147); TOP PLY: ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - 600 lbf/in tensile	**SF**	23.17
20.01.11	**FLASHING OPTION:**	BASE PLY: SBS Modified Polyester/Fiberglass Reinforced Base Flashing Ply - 300 lbf/in tensile (ASTM D 5147); TOP PLY: ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type II - 80 lbf/in tensile	**SF**	19.37
20.01.12	**FLASHING OPTION:**	BASE PLY: SBS Modified Polyester/Fiberglass Reinforced Base Flashing Ply - 300 lbf/in tensile (ASTM D 5147); TOP PLY: ASTM D 6163 SBS Fiberglass Reinforced Modified Bituminous Sheet Material Type III - 220 lbf/in tensile	**SF**	20.78
20.01.13	**FLASHING OPTION:**	BASE PLY: SBS Modified Polyester/Fiberglass Reinforced Base Flashing Ply - 300 lbf/in tensile (ASTM D 5147); TOP PLY: ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - 310 lbf/in tensile	**SF**	21.49

20.01.14	**FLASHING OPTION:**	BASE PLY: SBS Modified Polyester/Fiberglass Reinforced Base Flashing Ply - 300 lbf/in tensile (ASTM D 5147); TOP PLY: ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - 500 lbf/in tensile	**SF**	22.62
20.01.15	**FLASHING OPTION:**	BASE PLY: SBS Modified Polyester/Fiberglass Reinforced Base Flashing Ply - 300 lbf/in tensile (ASTM D 5147); TOP PLY: ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - 600 lbf/in tensile	**SF**	23.17
20.01.16	**PER SQUARE FOOT COSTS - INSTALLING IN COLD PROCESS FLASHING ADHESIVE** Substitute Hot Asphalt Application for Cold Process Flashing Adhesive Application		**SF**	9.21
20.01.17	**PER SQUARE FOOT COSTS - INSTALLING IN COLD PROCESS FLASHING ADHESIVE** Substitute Hot Asphalt Application for No VOCs, 100% Solids Cold Process Flashing Adhesive Application		**SF**	13.39
20.02	**Torch Applied Flashings -** Minimum 1 Ply of Torch Base and Torch Mineral Cap Sheet; Torch Applied			
20.02.01	**FLASHING OPTION:**	BASE PLY: SBS Modified Polyester/Fiberglass Reinforced Base Torch Applied Flashing Ply - 80 lbf/inch tensile (ASTM D 5147); TOP PLY: ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - 300 lbf/in Tensile Torch Applied Membrane	**SF**	25.99
20.03	**Self-Adhering Flashings -** Minimum 1 Ply of Self-Adhering Base and Self-Adhering Mineral Cap Sheet; Self-Adhering			
20.03.01	**FLASHING OPTION:**	BASE PLY: SBS Polyester OR Fiberglass/Polyester OR Fiberglass Reinforced Self-Adhering Flashing Ply - 50 lbf/ tensile (ASTM D 5147); TOP PLY: ASTM D 6161 (Polyester) OR 6162 (Fiberglass/Polyester) OR 6163 (Fiberglass) Self-Adhering Reinforced Modified Bituminous Membrane Type III - 130 lbf/in tensile	**SF**	21.60
20.04	**Single-Ply Flashings -** Fully Adhered Single-Ply Roof Flashings Installed on Corresponding Single-Ply Roof Systems			
20.04.01	**ROOF MEMBRANE OPTION:**	ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 45 Mil Thickness	**SF**	10.90
20.04.02	**ROOF MEMBRANE OPTION:**	ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 60 Mil Thickness	**SF**	14.30
20.04.03	**ROOF MEMBRANE OPTION:**	ASTM D 4637 - Ethylene Propylene Diene Terpolymer (EPDM) - 90 Mil Thickness	**SF**	16.57
20.04.04	**ROOF MEMBRANE OPTION:**	ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 45 Mil Thickness	**SF**	8.34
20.04.05	**ROOF MEMBRANE OPTION:**	ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 60 Mil Thickness	**SF**	11.67
20.04.06	**ROOF MEMBRANE OPTION:**	ASTM D 6878 - Thermoplastic Polyolefin (TPO) - 90 Mil Thickness	**SF**	15.74
20.04.07	**ROOF MEMBRANE OPTION:**	ASTM D 4434 - Poly Vinyl Chloride (PVC) - 45 Mil Thickness	**SF**	9.19
20.04.08	**ROOF MEMBRANE OPTION:**	ASTM D 4434 - Poly Vinyl Chloride (PVC) - 60 Mil Thickness	**SF**	12.99
20.04.09	**ROOF MEMBRANE OPTION:**	ASTM D 4434 - Poly Vinyl Chloride (PVC) - 90 Mil Thickness	**SF**	15.91
20.04.10	**ROOF MEMBRANE OPTION:**	ASTM D 6754 - Ketone Ethylene Ester (KEE) - 45 Mil Thickness	**SF**	12.28

20.04.11	**ROOF MEMBRANE OPTION:**	ASTM D 6754 - Ketone Ethylene Ester (KEE) - 60 Mil Thickness	**SF**	18.93
20.04.12	**ROOF MEMBRANE OPTION:**	ASTM D 6754 - Ketone Ethylene Ester (KEE) - 80 Mil Thickness	**SF**	21.09
21.00	**METAL WALL PANEL SYSTEMS**			
21.01	**WALL SYSTEM** Exposed Fastener Wall Panel System			
21.01.01	**THICKNESS OPTION:**	Bare Aluminum Panel Price - 0.032" Aluminum, 36" Wide Panels	**SF**	7.10
21.01.02	**THICKNESS OPTION:**	Add for Bare Aluminum 0.040" Aluminum, 36" Wide Panels	**SF**	1.57
21.01.03	**PANEL WIDTH OPTION:**	Add for 32" Panel Width - Aluminum	**SF**	1.43
21.01.04	**THICKNESS OPTION:**	Bare Galvalume Coated Steel or Equal Panel Price - 24 Ga, 36" Wide Panels	**SF**	6.84
21.01.05	**THICKNESS OPTION:**	Bare Galvalume Coated Steel or Equal Panel Price - 22 Ga, 36" Wide Panels	**SF**	7.59
21.01.06	**PANEL WIDTH OPTION:**	Add for 32" Panel Width - Galvalume Coated Steel or Equal	**SF**	1.41
21.01.07	**COLOR OPTION:**	Add for Standard Colors - Fluorocarbon Paint System Over Aluminum or Galvalume Coated Steel Or Equal	**SF**	1.21
21.01.08	**COLOR OPTION:**	Add for Designer Colors - Fluorocarbon Paint System Over Aluminum or Galvalume Coated Steel Or Equal	**SF**	1.53
21.01.09	**COLOR OPTION:**	Add for Premium or Custom Colors - Fluorocarbon Paint System Over Aluminum or Galvalume Coated Steel Or Equal	**SF**	1.67
21.01.10	**THICKNESS OPTION:**	Stainless Steel Panel Price - 24 Ga, 36" Wide Panels	**SF**	29.26
21.01.11	**THICKNESS OPTION:**	Stainless Steel Panel Price - 22 Ga, 36" Wide Panels	**SF**	33.94
21.01.12	**PANEL WIDTH OPTION:**	Add for 32" Panel Width - Stainless Steel	**SF**	1.05
21.01.13	**THICKNESS OPTION:**	Copper Panel Price - 16 Oz., 36" Wide Panels	**SF**	31.31
21.01.14	**THICKNESS OPTION:**	Copper Panel Price - 20 Oz., 36" Wide Panels	**SF**	38.35
21.01.15	**PANEL WIDTH OPTION:**	Add for 32" Panel Width - Copper	**SF**	1.05
21.01.16	**THICKNESS OPTION:**	Zinc Panel Price - 0.032", 36" Wide Panels	**SF**	25.20
21.01.17	**THICKNESS OPTION:**	Zinc Panel Price - 0.040", 36" Wide Panels	**SF**	31.72
21.01.18	**PANEL WIDTH OPTION:**	Add for 32" Panel Width - Zinc	**SF**	0.85
21.01.19	**PANEL INSTALLATION & INSULATION OPTION:**	Over Girts; 3/4" of Expanded Polystyrene (Minimum 1.5 lbs./cft) Installed Between Girts	**SF**	10.75
21.01.20	**PANEL INSTALLATION & INSULATION OPTION:**	Over Girts; Mechanically Fastened Polyisocyanurate with an Average R-Value of 19 Installed Between Girts	**SF**	13.66
21.01.21	**PANEL INSTALLATION & INSULATION OPTION:**	Over Girts; Mechanically Attach Batten Fiberglass Insulation with an Average R-Value of 19 Installed Between Girts	**SF**	9.83
21.01.22	**PANEL INSTALLATION & INSULATION OPTION:**	RAIN SCREEN CONFIGURATION: Over Steel Stud Wall - Exterior Gypsum Sheeting 1/2" to 5/8" Thickness, Air Barrier (Priced Separately Below), Rock Wool or Extruded Polystyrene Insulation (Priced Separately Below) & Metal Wall Panel Drainage, Ventilation and Attachment System	**SF**	14.17

21.01.23	**PANEL INSTALLATION & INSULATION OPTION:**	RAIN SCREEN CONFIGURATION: Over Existing Wall Construction - Air Barrier (Priced Separately Below), Rock Wool or Extruded Polystyrene Insulation (Priced Separately Below) & Metal Wall Panel Drainage, Ventilation and Attachment System	**SF**	11.91
21.01.24	**PANEL INSTALLATION & INSULATION OPTION:**	Over Plywood; No Insulation	**SF**	10.34
21.02	**WALL SYSTEM** Concealed Fastener Wall Panel System - 12" Wide Panels			
21.02.01	**THICKNESS OPTION:**	Bare Aluminum Panel Price - 0.032" Aluminum Thickness	**SF**	8.40
21.02.02	**THICKNESS OPTION:**	Add for Bare Aluminum, 0.040" Aluminum	**SF**	1.76
21.02.03	**THICKNESS OPTION:**	Bare Galvalume Coated Steel or Equal Panel Price - 24 Ga	**SF**	8.17
21.02.04	**THICKNESS OPTION:**	Bare Galvalume Coated Steel or Equal Panel Price - 22 Ga	**SF**	9.30
21.02.05	**COLOR OPTION:**	Add for Standard Colors - Fluorocarbon Paint System Over Aluminum or Galvalume Coated Steel Or Equal	**SF**	1.21
21.02.06	**COLOR OPTION:**	Add for Designer Colors - Fluorocarbon Paint System Over Aluminum or Galvalume Coated Steel Or Equal	**SF**	1.53
21.02.07	**COLOR OPTION:**	Add for Premium or Custom Colors - Fluorocarbon Paint System Over Aluminum or Galvalume Coated Steel Or Equal	**SF**	1.67
21.02.08	**THICKNESS OPTION:**	Stainless Steel Panel Price - 24 Ga Thickness	**SF**	29.26
21.02.09	**THICKNESS OPTION:**	Stainless Steel Panel Price - 22 Ga Thickness	**SF**	33.94
21.02.10	**THICKNESS OPTION:**	Copper Panel Price - 16 Oz Thickness	**SF**	31.31
21.02.11	**THICKNESS OPTION:**	Copper Panel Price - 20 Oz Thickness	**SF**	38.35
21.02.12	**THICKNESS OPTION:**	Zinc Panel Price - 0.032" Thickness	**SF**	25.20
21.02.13	**THICKNESS OPTION:**	Zinc Panel Price - 0.040" Thickness	**SF**	31.72
21.02.14	**PANEL INSTALLATION & INSULATION OPTION:**	Over Girts; 3/4" of Expanded Polystyrene (Minimum 1.5 lbs./cft) Installed Between Girts	**SF**	10.75
21.02.15	**PANEL INSTALLATION & INSULATION OPTION:**	Over Girts; Mechanically Fastened Polyisocyanurate with an Average R-Value of 19 Installed Between Girts	**SF**	13.66
21.02.16	**PANEL INSTALLATION & INSULATION OPTION:**	Over Girts; Mechanically Attach Batten Fiberglass Insulation with an Average R-Value of 19 Installed Between Girts	**SF**	9.83
21.02.17	**PANEL INSTALLATION & INSULATION OPTION:**	Over Plywood; No Insulation	**SF**	10.34
21.02.18	**PANEL INSTALLATION & INSULATION OPTION:**	RAIN SCREEN CONFIGURATION: Over Steel Stud Wall - Exterior Gypsum Sheeting 1/2" to 5/8" Thickness, Air Barrier (Priced Separately Below), Rock Wool or Extruded Polystyrene Insulation (Priced Separately Below) & Metal Wall Panel Drainage, Ventilation and Attachment System	**SF**	14.17

21.02.19	**PANEL INSTALLATION & INSULATION OPTION:**	RAIN SCREEN CONFIGURATION: Over Existing Wall Construction - Air Barrier (Priced Separately Below), Rock Wool or Extruded Polystyrene Insulation (Priced Separately Below) & Metal Wall Panel Drainage, Ventilation and Attachment System	**SF**	11.91
21.02.20	**PANEL TYPE OPTION:**	Add for Factory Insulated Concealed Fastener Wall Panel	**SF**	4.84
21.03	**AIR BARRIER FOR WALL APPLICATIONS (BRICK, CMU, MASONARY WALLS OR STUD WALL WITH EXTERIOR GYPSUM SHEETING)**			
21.03.01	**Non-Permeable Option:**	Fluid Applied System - ASTM 2178	**SF**	4.02
21.03.02	**Non-Permeable Option:**	Fluid Applied Water Based System - ASTM 2178	**SF**	3.80
21.03.03	**Non-Permeable Option:**	Membrane System - ASTM E 2178	**SF**	3.71
21.03.04	**Permeable Option:**	Fluid Applied System - ASTM E 2178 & ASTM E 96	**SF**	3.78
21.03.05	**Permeable Option:**	Fluid Applied Water Based System - ASTM 2178 & ASTM E 96	**SF**	3.55
21.03.06	**Permeable Option:**	Membrane System - ASTM 2178 & ASTM E 96	**SF**	3.61
21.04	**INSULATION FOR WALL APPLICATIONS (INSTALLED OVER AIR BARRIERS)**			
21.04.01	**Insulation Option:**	1" Rock Wool Insulation Installed	**SF**	2.53
21.04.02	**Insulation Option:**	2" Rock Wool Insulation Installed	**SF**	3.32
21.04.03	**Insulation Option:**	3" Rock Wool Insulation Installed	**SF**	3.98
21.04.04	**Insulation Option:**	4" Rock Wool Insulation Installed	**SF**	5.05
21.04.05	**Insulation Option:**	1" Extruded Polystyrene Insulation Installed	**SF**	4.35
21.04.06	**Insulation Option:**	2" Extruded Polystyrene Insulation Installed	**SF**	5.83
21.04.07	**Insulation Option:**	3" Extruded Polystyrene Insulation Installed	**SF**	7.49
21.04.08	**Insulation Option:**	4" Extruded Polystyrene Insulation Installed	**SF**	9.24
22.00	**JOB SITE SPECIFIC MULTIPLIERS** **The multipliers are applied to all line items in total (unless the contrary is specifically identified in the description) for the project because the conditions they address effect overall labor production, construction complexity and/or equipment requirements. Multiple Job Site Specific Multipliers can be used on a single project, but they are not meant to compound on each other.** **For Reference: Attachment B Pricing in this IFB is for material, equipment, tools, labor and supervision necessary to install the line item. It is based upon a 200 - 300 square roofing project that is being performed on a box- or rectangular-shaped building. It is also assumed that the project will have only one roof level that is not more than 20 ft high from the ground. The roof is anticipated to have clear access point and minimal penetrations/obstructions. It is also based upon a 200 - 300 square masonry, wall panel or waterproofing project. The exterior sides of the building are assumed to be box- or rectangular- shaped with minimal doors, windows, penetrations or obstructions. It is anticipated that the sides of the building will have clear tie-off points and easy to access while work is being performed.**			
22.01	**MULTIPLIER - DIFFICULT ROOF OR BUILDING ACCESS** Multiplier is applied when labor production is effected by roof or building access. Situations that can cause roof access to be more difficult include, but are not limited to: no access for lifts or cranes, access is dependent upon road closure, access point requires the closure of a building entrance, roof level is not accessible from the ground, roof area is interior to adjacent roofs or roof materials and materials and equipment must be loaded to one roof area and carried to another roof area, roof materials and equipment must be carried to the roof through an interior building access point, no or limited staging areas on the ground, etc.		**%**	30.00
22.02	**MULTIPLIER - SECURE ACCESS IS REQUIRED TO WORK ON ROOF OR WALLS** Multiplier is applied when labor production is effected daily by the lost time in getting through security or getting access to the job site. Situations include, but are not limited to clearing each employee and all tools through metal detectors, passing through security gates with vehicles, tradespeople and equipment, stringent background checks or higher clearance levels, etc.		**%**	18.00

22.03	**MULTIPLIER - MULTIPLE MATERIAL STAGINGS** Multiplier is applied when labor production is effected by the time it takes to stage a roof multiple times. Situations include, but are not limited to staging materials to perform work on multiple roof levels, planned shutdowns and restarts, portion of the job is over sensitive work areas requiring staging from more than one point, etc.	**%**	25.00
22.04	**MULTIPLIER - ACCELERATED SCHEDULE** Multiplier is applied when increased labor burdens are required due to an accelerated work schedule. Situations include, but are not limited to requiring multiple concurrent trade crews beyond what is normally expected for project size, work to be performed on two (back-to-back) shifts, work requires larger than standard crew sizes, etc.	**%**	28.00
22.05	**MULTIPLIER - NIGHT, WEEKEND OR HOLIDAY WORKING HOURS** Multiplier is applied when increased labor burdens are required due to working hours being limited to nights (equivalent of 3rd shift), weekends or holidays.	**%**	32.00
22.06	**MULTIPLIER - ROOF OR WALLS HAVE LARGE AMOUNT OF PENETRATIONS / ROOF TOP OBSTRUCTIONS** Multiplier is applied when labor production is effected a large number of roof penetrations, a limited amount of open roof areas or low overhead clearance requiring more hand work. Situations include, but are not limited to rooftop penetrations like: soil stacks, sky lights, roof drains, exhaust vents, HVAC equipment, etc. or rooftop obstructions such as: pipes, duct work, electrical wires, hoses or raised equipment, etc.	**%**	35.00
22.07	**MULTIPLIER - CLEARENCE RESTRICTIONS REQUIRE WORKING FROM KNEE-LEVEL OR BELOW (APPLIES TO ONLY THE EFFECTED ROOF AREA)** Multiplier is applied when labor production is effected by height restrictions. Situations that can cause low overhead clearance requiring more hand work include, but are not limited to rooftop equipment.	**%**	35.00
22.08	**MULTIPLIER - ROOF HEIGHT IS GREATER THAN 20 FT, BUT LESS THAN OR EQUAL TO 50 FT STORIES** Multiplier is applied when labor production is effected by the roof height. This multiplier applies to roof heights that exceed an estimated 2 stories, but are less than or equal to an estimated 5 stories. Additional roof height can require increased safety requirements, larger lift equipment, tie-offs, etc.	**%**	25.00
22.09	**MULTIPLIER - ROOF HEIGHT IS GREATER THAN 50 FT, BUT LESS THAN OR EQUAL TO 100 FT** Multiplier is applied when labor production is effected by the roof height. This multiplier applies to roof heights that exceed an estimated 5 stories, but are less than or equal to an estimated 10 stories. Additional roof height can require increased safety requirements, larger crane equipment, tie-offs, etc.	**%**	35.00
22.10	**MULTIPLIER - ROOF HEIGHT IS GREATER THAN 100 FT** Multiplier is applied when labor production is effected by the roof height. This multiplier applies to roof heights that exceed an estimated 10 stories. Additional roof height can require increased safety requirements, larger crane equipment, tie-offs, etc.	**%**	50.00
22.11	**MULTIPLIER - WALL COATING, MASONRY REPAIRS OR WATERPROOFING REQUIRES A SWING STAGE** Multiplier is applied when labor production is effected by the requirement to use a swing stage. This multiplier applies to wall coatings, masonry repairs or waterproofing work that requires the use of a swing stage.	**%**	50.00
22.12	**MULTIPLIER - ROOF IS CONSIDERED NON-STANDARD ARCHITECTURE** Multiplier is applied when labor production is effected because the roof area is not a box- or rectangular-shaped. Situations considered to be non-standard architecture can include, but are not limited roof areas that contains sharp angles and/or curves, have multiple roof area dividers or expansion joints, long and narrow	**%**	20.00
22.13	**MULTIPLIER - ROOF HAS GREATER THAN 4/12 SLOPE** Multiplier is applied when Roof Area has a Greater than 4/12 Slope, Steeper slope reduces overall labor production and requires additional safety precautions.	**%**	25.00
22.14	**MULTIPLIER - ROOF HAS GREATER THAN 8/12 SLOPE** Multiplier is applied when Roof Area has a Greater than 8/12 Slope; Very steep slopes have a greater impact on overall labor production and require additional safety precautions.	**%**	45.00
22.15	**MULTIPLIER - ROOF SIZE IS LESS THAN 500 SF** Multiplier is applied when Roof Size is less than 500 SF. Situation creates the fixed costs: equipment, mobilization, demobilization, disposal, & set-up labor to be allocated across a very small roof area resulting in fixed costs having a significant impact on the overall job costs	**%**	150.00
22.16	**MULTIPLIER - ROOF SIZE IS GREATER THAN 500 SF, BUT LESS THAN 1,000 SF** Multiplier is applied when Roof Size is greater than 500 SF, but less than 1,000 SF. Situation creates the fixed costs: equipment, mobilization, demobilization, disposal, & set-up labor to be allocated across a very small roof area resulting in fixed costs having a significant impact on the overall job costs	**%**	90.00
22.17	**MULTIPLIER - ROOF SIZE IS GREATER THAN 1,000 SF, BUT LESS THAN 2,000 SF** Multiplier is applied when Roof Size is greater than 1,000 SF, but less than 2,000 SF. Situation creates the fixed costs: equipment, mobilization, demobilization, disposal, & set-up labor to be allocated across a very small roof area resulting in fixed costs having a significant impact on the overall job costs	**%**	70.00
22.18	**MULTIPLIER - ROOF SIZE IS GREATER THAN 2,000 SF, BUT LESS THAN 3,000 SF** Multiplier is applied when Roof Size is greater than 2,000 SF, but less than 3,000 SF. Situation creates the fixed costs: equipment, mobilization, demobilization, disposal, & set-up labor to be allocated across a very small roof area resulting in fixed costs having a significant impact on the overall job costs	**%**	45.00
22.19	**MULTIPLIER - ROOF SIZE IS GREATER THAN 3,000 SF, BUT LESS THAN 5,000 SF** Multiplier is applied when Roof Size is greater than 3,000 SF, but less than 5,000 SF. Situation creates the fixed costs: equipment, mobilization, demobilization, disposal, & set-up labor to be allocated across a smaller roof area resulting in fixed costs being a larger portion of the overall job costs	**%**	30.00

22.20	**MULTIPLIER - ROOF SIZE IS GREATER THAN 5,000 SF, BUT LESS THAN 10,000 SF** Multiplier is applied when Roof Size is greater than 5,000 SF, but less than 10,000 SF. Situation creates the fixed costs: equipment, mobilization, demobilization, disposal, & set-up labor to be allocated across a smaller roof area resulting in fixed costs being a larger portion of the overall job costs	%	20.00
22.21	**MULTIPLIER - ROOF SIZE IS GREATER THAN 10,000 SF, BUT LESS THAN 20,000 SF** Multiplier is applied when Roof Size is greater than 10,000 SF, but less than 20,000 SF. Situation creates the fixed costs: equipment, mobilization, demobilization, disposal, & set-up labor to be allocated across more of an average roof area resulting in fixed costs being a slightly larger portion of the overall job costs	%	10.00
22.22	**MULTIPLIER - ROOF SIZE IS GREATER THAN 30,000 SF, BUT LESS THAN 50,000 SF** Multiplier is applied when Roof Size is greater than 30,000 SF, but less than 50,000 SF. Situation creates the fixed costs: equipment, mobilization, demobilization, disposal, & set-up labor to be allocated across a larger than average roof area resulting in fixed costs being a lower portion of the overall job costs	%	-3.00
22.23	**MULTIPLIER - ROOF SIZE IS GREATER THAN 50,000 SF, BUT LESS THAN 100,000 SF** Multiplier is applied when Roof Size is greater than 50,000 SF, but less than 100,000 SF. Situation creates the fixed costs: equipment, mobilization, demobilization, disposal, & set-up labor to be allocated across a large roof area resulting in fixed costs being a small impact on the overall job costs	%	-5.00
22.24	**MULTIPLIER - ROOF SIZE IS GREATER THAN 100,000 SF, BUT LESS THAN 200,000 SF** Multiplier is applied when Roof Size is greater than 100,000 SF, but less than 200,000 SF. Situation creates the fixed costs: equipment, mobilization, demobilization, disposal, & set-up labor to be allocated across larger roof area resulting in fixed costs being a slight impact on the overall job costs	%	-6.00
22.25	**MULTIPLIER - ROOF SIZE IS GREATER THAN 200,000 SF** Multiplier is applied when Roof Size is greater than 200,000 SF. Situation creates the fixed costs: equipment, mobilization, demobilization, disposal, & set-up labor to be allocated across very large roof area resulting in fixed costs being a minimal impact on the overall job costs	%	-8.00

	Cleaning & Caulking	UNIT	$ per Unit
23.01	Pressure Wash to Clean Horizontal Surfaces	SF	$ 0.97
23.02	Pressure Wash to Clean Vertical Surfaces	SF	$ 2.24
23.03	Pressure Wash with TSP or Simple Green to Clean Horizontal Surfaces	SF	$ 1.40
23.04	Pressure Wash with TSP or Simple Green to Clean Vertical Surfaces	SF	$ 2.68
23.05	Use a Brush to Wash Surface with TSP or Simple Green to Clean Horizontal Surfaces	SF	$ 1.18
23.06	Use a Brush to Wash Surface with TSP or Simple Green to Clean Vertical Surfaces	SF	$ 2.46
23.07	Prime Existing Asphalt-Based Roof Surface	SF	$ 0.68
23.08	Blow-Off Surface Area with Portable Blower to Remove Moisture	SF	$ 0.48
23.09	Spud and Scrape Aggregate from Roof Surface Asphalt BUR (Size Reference: 100' X 12")	SF	$ 1.96
23.10	Spud and Scrape of Aggregate from Roof Surface Coal Tar BUR (Size Reference: 100' X 12")	SF	$ 2.69
23.11	Remove & Dispose Loose Aggregate from Roof Surface (Wet Vac)	SF	$ 1.54
23.12	Power Broom Roof Surface	SF	$ 0.86
23.13	Remove & Dispose Ballast from Roof Surface	SF	$ 1.40
23.14	Remove & Dispose Ballast from Roof Surface at Approved Disposal Site	SF	$ 2.60
23.15	Remove Ballast from Roof Surface & Save for Reuse	SF	$ 0.90
23.16	Scrape / Sand Loose Paint from Exterior Building Surfaces and Clean-Up Debris	SF	$ 5.95
23.17	Sandblasting Paint from Exterior Building Surfaces and Re-Claim Sand	SF	$ 7.29
23.18	Apply Coating (Paint) to Horizontal Surface	SF	$ 4.79
23.19	Apply Coating (Paint) to Vertical Surface	SF	$ 6.79
23.20	Caulking: Remove Existing Caulking & Clean and Prime Joint	LF	$ 2.68
23.21	Install Backer Rod in Properly Prepared Opening, Polyethylene - 3/8" Diameter	LF	$ 1.67
23.22	Install Backer Rod in Properly Prepared Opening, Polyethylene - 1/2" Diameter	LF	$ 2.07
23.23	Install Backer Rod in Properly Prepared Opening, Polyethylene - 3/4" Diameter	LF	$ 2.47
23.24	Install Backer Rod in Properly Prepared Opening, Polyethylene - 1" Diameter	LF	$ 2.82
	Masonry section	**UNIT**	**$ per Unit**
23.25	Remove and Reset Bricks; 1-50 SF	SF	$ 42.84
23.26	Remove and Reset Bricks; Over 50 SF	SF	$ 33.36
23.27	Remove and Reset Blocks	SF	$ 23.58
23.28	Remove and Reset Coping Stones	Each	$ 50.36
23.29	Remove Bricks, Blocks, Coping Stones; 1-50 SF	SF	$ 34.40
23.30	Remove Bricks, Blocks, Coping Stones; Over 50 SF	SF	$ 27.44
	Brick, block and brick exterior wall maintenance, repair and application of protective coatings.	**UNIT**	**$ per Unit**
23.31	Selective Demolition of Concrete Block Masonry Units (CMU) with perimeter saw cutting- swing stage 4", 6" and 8" block (high-rise)	Each	$ 21.79
23.32	Selective Demolition of Brick Masonry Units with perimeter saw cutting	SF	$ 36.63
	Selective Demolition of Mortar Joint with Perimeter Saw cutting	**UNIT**	**$ per Unit**
23.33	Removal of existing mortar (½" wide by ¾" depth)	SF	$ 15.54
23.34	Removal of existing mortar (¾" wide by ¾" depth)	SF	$ 20.72
23.35	Removal of existing mortar (½" wide by 1½" depth)	SF	$ 24.59
23.36	Removal of existing mortar (¾" wide by 1½" depth)	SF	$ 32.35
	New Pointing Work	**UNIT**	**$ per Unit**
23.37	Furnish and install new mortar (½" wide by ¾" depth)	SF	$ 31.06
23.38	Furnish and install new mortar (¾" wide by ¾" depth)	SF	$ 34.94
23.39	Furnish and install new mortar (½" wide by 1 ½" depth)	SF	$ 36.24
23.40	Furnish and install new mortar (¾" wide by 1 ½" depth)	SF	$ 41.42
	Removal of Roof Parapets	**UNIT**	**$ per Unit**
23.41	Removal of parapet wall (24" high)	SF	$ 323.61
23.42	Removal of parapet wall (42" high)	SF	$ 582.47
23.43	Removal of parapet wall (24" high)	SF	$ 271.83
23.44	Removal of parapet wall (42" high)	SF	$ 543.64
	Reconstruction of Brick Masonry Roof Parapets	**UNIT**	**$ per Unit**
23.45	New brick masonry parapet w/stone coping and flashings (24" high)	SF	$ 906.05
23.46	New brick masonry parapet w/stone coping and flashings (42" high)	SF	$ 1,229.64
23.47	New brick masonry parapet w/stone coping and flashings (24" high)	SF	$ 647.17
23.48	New brick masonry parapet w/stone coping and flashings (42" high)	SF	$ 841.34
	New Through wall Flashings	**UNIT**	**$ per Unit**
23.49	Removal of 4 courses brick wall w/Temporary Shoring	SF	$ 129.44
23.50	Removal and replacement of steel lintel	SF	$ 194.17
23.51	Furnish and install new flashings (Bituthane)	SF	$ 51.77
23.52	Furnish and install new flashings (Lead coated copper)	SF	$ 103.53

23.53	Furnish and Install New Brick Masonry w/Weep Holes and Screens	SF	$ 194.17
23.54	Parging and waterproofing of back-up wall	SF	$ 72.48
	Roof Coping Stones.	**UNIT**	**$ per Unit**
23.55	Removal of existing roof coping stones (16 inches)	SF	$ 359.73
23.56	Removal and parging of existing substrate	SF	$ 113.06
23.57	Furnish and install new lead coated copper flashings	SF	$ 113.06
23.58	Drilling and epoxy grouting stainless steel pins	SF	$ 256.95
23.59	Reinstallation of existing stones with cleaning	SF	$ 185.00
23.60	Furnish and install new coping stones	SF	$ 668.06
23.61	Furnish and install new sealants between coping stones.	SF	$ 56.94
23.62	Cleaning and coating of existing stones.	SF	$ 65.78
	CMU Backup Wall Repair and Waterproofing.	**UNIT**	**$ per Unit**
23.63	Replacement of Deteriorated CMU Back-up	SF	$ 218.46
23.64	Parging of CMU back-up wall	SF	$ 67.11
23.65	Waterproofing of back-up wall	SF	$ 57.87
	Crack Repair	**UNIT**	**$ per Unit**
23.66	Drill and install new stainless steel pins.	Each	$ 94.56
23.67	Grouting of open cracks	SF	$ 67.02
23.68	Replacement of cracked bricks	SF	$ 130.61
	New Concrete and Coating	**UNIT**	**$ per Unit**
23.69	Placement of new high strength patching mortar (2" depth)	SF	$ 297.85
23.70	Placement of new high strength patching mortar (3.5" depth).	SF	$ 352.73
23.71	Cleaning and coating of concrete surface.	SF	$ 27.23
23.72	Sidewalk Bridging.	SF	$ 9.76
23.73	Temporary Roof Protection	SF	$ 7.71
	Roof Drainage, Scuppers, Stacks, Curbs and Pitch Pockets	**UNIT**	**$ per Unit**
23.74	Install & Connect new 4" roof drain & Flashing; Excluding Plumbing	EA	$ 1,233.34
23.75	Install & Connect new 6" roof drain & Flashing; Excluding Plumbing	EA	$ 1,336.12
23.76	Install & Connect new 8" roof drain & Flashing; Excluding Plumbing	EA	$ 1,438.89
23.77	Pitch pocket, 24 gauge, GI, 12" x 12", with storm collar, hemmed to outside, soldered corners and seams	EA	$ 1,151.11
23.78	Pitch pocket, 24 gauge, GI, 6" x 6", with storm collar hemmed to outside, soldered corners and seams	EA	$ 781.11
23.79	Pitch pocket, 24 gauge, GI, 8" x 8", with storm collar, hemmed to outside, soldered corners and seams	EA	$ 904.45
23.80	Plumbing stack, 16 oz. copper flashing	EA	$ 267.22
23.81	Plumbing stack, 24 gad Zinc flashing	EA	$ 370.00
23.82	Plumbing stack, 4# lead flashing	EA	$ 226.11
23.83	Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 12" Straight	EA	$ 61.67
23.84	Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 2" Corners	EA	$ 57.55
23.85	Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 3" Kit	EA	$ 185.00
23.86	Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 5" Kit	EA	$ 242.55
23.87	Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 5" Rounds	EA	$ 71.95
23.88	Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 6" Kit	EA	$ 275.44
23.89	Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 6" Straight	EA	$ 53.45
23.90	Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 7.5" Kit	EA	$ 326.84
23.91	Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 7.5" Kit with 2-Part Filler	EA	$ 398.78
23.92	Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 7.5" Rounds	EA	$ 84.27
23.93	Pre-Cast Molded Pitch Pan (e.g. Chemcurb) - 9" Kit	EA	$ 544.73
23.94	Installation of Roof Curbs 2" X 4"	LF	$ 8.86
23.95	Installation of Roof Curbs 2" X 6"	LF	$ 9.51
23.96	Installation of Roof Curbs 2" X 8"	LF	$ 10.15
23.97	Installation of Coping/Edge Nailers 2" X 4"	LF	$ 5.56
23.98	Installation of Coping/Edge Nailers 2" X 6"	LF	$ 6.20
23.99	Installation of Coping/Edge Nailers 2" X 8"	LF	$ 6.82
23.100	Installation of Coping/Edge Nailers 2" X 10"	LF	$ 8.12
23.101	Installation of Coping/Edge Nailers 2" X 12"	LF	$ 10.04
23.102	Installation of Coping/Edge Nailers 2" X 14"	LF	$ 13.67
23.103	Installation of Coping/Edge Nailers 2" X 16"	LF	$ 14.97
23.104	Provide a cast iron drain strainer	EA	$ 298.06
23.105	Reflash existing roof drain	EA	$ 1,151.11
23.106	Scupper, .050 Aluminum, match existing configuration	LF	$ 22.75

23.107	Scupper, 16 oz Copper, match existing configuration	LF	$ 43.10
23.108	Scupper, 20 gad Stainless Steel, match existing configuration	LF	$ 35.92
23.109	Sleeper Cap - 24 Gad Galvanized	LF	$ 13.89
	Roof Accessories	**UNIT**	**$ per Unit**
23.110	Walkway Pads		
23.111	30" wide roll goods, tape attached	EA	$ 1,952.78
23.112	30" wide roll, hot asphalt attached	EA	$ 1,541.67
23.113	30" wide roll, adhesive attached	EA	$ 1,850.01
23.114	Expansion joint, butyl or neoprene bellows, galvanized flange	LF	$ 40.08
23.115	Roof ladder, security ladder guard	EA	$ 3,597.23
23.116	Roof ladder, steel, bolted to concrete, 20 feet and up, with cage; with intermediate landings as required by Code	EA	$ 8,222.25
23.117	Roof ladder, steel, bolted to concrete, up to 20 feet, without cage	EA	$ 4,316.68
23.118	Roof ventilators	EA	$ 616.67
23.119	Termination bar, aluminum, 1/4" x 1"	LF	$ 5.66
	Common Roof Repair Items	**UNIT**	**$ per Unit**
23.120	3-Course Application; Mastic-Mesh-Mastic; 15" Wide Total; 12" Wide Mesh	LF	$ 13.54
23.121	3-Course Application; Mastic-Mesh-Mastic; 9" Wide Total; 6" Wide Mesh	LF	$ 7.91
23.122	3-Course Application; Urethane-Reinforcement-Urethane (< 500 SF)	SF	$ 20.40
23.123	3-Course Application; Urethane-Reinforcement-Urethane (> 500 SF)	SF	$ 17.76
23.124	Install Self-Adhering Cap Sheet Over Repair Area (< 500 SF)	SF	$ 11.01
23.125	Install Self-Adhering Cap Sheet Over Repair Area (> 500 SF)	SF	$ 9.64
23.126	Torch Cap Sheet Over Repair Area (< 500 SF)	SF	$ 14.42
23.127	Torch Cap Sheet Over Repair Area (> 500 SF)	SF	$ 13.40
23.128	Set Roofing Cap Sheet Membrane in Mastic Installed Over Repair Area (< 500 SF)	SF	$ 15.33
23.129	Set Roofing Cap Sheet Membrane in Mastic Installed Over Repair Area (> 500 SF)	SF	$ 14.20
	Leak Response & Preventive Maintenance	**UNIT**	**$ per Unit**
23.153	Leak Response Work Order Tracking & Dispatch	EA	NSP
23.154	Leak Response Completion Report with Back-Up	EA	NSP
23.155	Preventive Maintenance (Single Campus - All Roof Sections)	SF	$ 0.073
23.156	Preventive Maintenance (Multiple Campuses City-/County-wide - All Roof Sections)	SF	$ 0.099
23.157	Preventive Maintenance (Multiple Campuses State-wide - All Roof Sections)	SF	$ 0.092
23.155	Preventive Maintenance Performed Concurrent with Visual Inspection (Single Campus - All Roof Sections)	SF	$ 0.044
23.156	Preventive Maintenance Performed Concurrent with Visual Inspection (Multiple Campuses City-/County-wide - All Roof Sections)	SF	$ 0.070
23.157	Preventive Maintenance Performed Concurrent with Visual Inspection (Multiple Campuses State-wide - All Roof Sections)	SF	$ 0.063
23.158	Preventive Maitenance Completion Report with Back-Up	EA	NSP
	Equipment	**UNIT**	**$ per Unit**
23.159	Folklift/Manlift Equipment Rental	DAY	NSP
23.160	Crane Equipment Rental - up to 80'	DAY	NSP
23.161	Crane Equipment Rental - up to 150'	DAY	NSP
23.162	Manlift per day	DAY	NSP
23.163	Skytrack	DAY	NSP
23.164	Additional Equipment (rental) % off published price	%	10%
	Other Services	**UNIT**	**$ per Unit**
23.165	Demobilization - Pre-Planned or Additional Un-planned	EA	$ 2,182.13
23.166	Remobilization - Pre-Planned or Additional Un-planned	EA	$ 2,182.13
	Additional repair options	**UNIT**	**$ per Unit**
23.167	Option 1: Cost of Quote Plus Mark-Up (Used when repair and installation services line item pricing is not available and services performed are to be performed by a contractor. Requires a quote on corporate letterhead that cannot exceed $25,000) Cost plus added to quote	%	14%
23.168	Option 2: R.S. Means or Gordian Group Catalog (Used when repair and installation services line item pricing is not available) Cost plus added to catalog pricing	%	14%
	Catalog Pricing	**UNIT**	**$ per Unit**
23.169	Please provide a price list with your complete material catalog(s) - A manufacturers catalog can be used. You may provide a net-price or a catalog with a discount.		-1%
	Green Roofing	**UNIT**	**$ per Unit**

23.170	Please provide your green environmentally friendly roofing options, please provide as much information as possible to include line items necessary to complete a green roof		§C.4. & §E.A.3.1.F.

Sheet Metal Accessories Covered Under these Pricing Tables:

- -Drip Edge
- -Gravel Stop
- -Gutters, Straps, Hangers & Fasteners
- -Coping
- -Surface Mounted Counter Flashing
- -Reglet Mounted Counter Flashing
- -Skirt Flashing
- -Expansion Joints
- -Miscellaneous Metal Fabricated Details

Aluminum

Size / Gauge	.032	.040	.050	.063
6"	$11.73	$12.80	$13.22	$14.29
8"	$13.50	$14.91	$15.46	$16.89
10"	$15.25	$17.01	$17.70	$19.49
12"	$16.99	$19.13	$19.96	$22.08
14"	$18.74	$21.22	$22.20	$24.69
16"	$20.50	$23.33	$24.44	$27.29
18"	$21.95	$25.11	$26.32	$29.47
20"	$23.68	$27.17	$28.54	$32.03
22"	$25.40	$29.23	$30.74	$34.59
24"	$26.53	$30.62	$32.21	$36.28
26"	$28.22	$32.62	$34.35	$38.77
28"	$29.88	$34.65	$36.49	$41.24
30"	$31.57	$36.65	$38.64	$43.74
32"	$33.23	$38.67	$40.78	$46.22
34"	$34.88	$40.67	$42.92	$48.71
36"	$35.98	$41.98	$44.34	$50.33
38"	$37.63	$43.96	$46.42	$52.78
40"	$39.26	$45.94	$48.52	$55.19
42"	$40.91	$47.92	$50.64	$57.64
44"	$42.55	$49.88	$52.73	$60.07
46"	$44.02	$51.63	$54.61	$62.23
48"	$45.43	$53.37	$56.44	$64.39
Price Per Bend	$0.40	$0.40	$0.60	$0.60

Stainless Steel & Copper				
Size / Gauge / Thickness	SS 24 Ga	SS 26 Ga	Copper 16 oz	Copper 20 oz
6"	$13.75	$13.02	$15.39	$16.88
8"	$16.16	$15.17	$18.36	$20.34
10"	$18.59	$17.36	$21.33	$23.79
12"	$21.02	$19.54	$24.29	$27.28
14"	$23.45	$21.72	$27.28	$30.72
16"	$25.87	$23.90	$30.22	$34.17
18"	$27.90	$25.72	$32.72	$37.10
20"	$30.29	$27.86	$35.61	$40.47
22"	$32.66	$30.00	$38.54	$43.89
24"	$34.24	$31.41	$40.47	$46.16
26"	$36.54	$33.49	$43.29	$49.45
28"	$38.89	$35.58	$46.16	$52.75
30"	$41.18	$37.65	$48.98	$56.07
32"	$43.50	$39.71	$51.80	$59.37
34"	$45.80	$41.79	$54.63	$62.67
36"	$47.34	$43.18	$56.50	$64.85
38"	$49.61	$45.20	$59.27	$68.08
40"	$51.86	$47.24	$62.06	$71.33
42"	$54.15	$49.29	$64.85	$74.57
44"	$56.40	$51.31	$67.63	$77.81
46"	$58.44	$53.11	$70.09	$80.69
48"	$60.42	$54.92	$72.53	$83.53
Price Per Bend	$0.60	$0.40	$0.40	$0.60

Kynar Coated Steel				
Size / Gauge	16 Ga	20 Ga	22 Ga	24 Ga
6"	$15.70	$15.20	$14.81	$14.52
8"	$17.34	$16.64	$16.15	$15.74
10"	$18.97	$18.13	$17.47	$16.98
12"	$20.60	$19.60	$18.81	$18.23
14"	$22.21	$21.05	$20.13	$19.45
16"	$23.86	$22.52	$21.49	$20.69
18"	$25.21	$23.73	$22.59	$21.72
20"	$26.83	$25.18	$23.93	$22.96
22"	$28.44	$26.62	$25.21	$24.16
24"	$29.49	$27.57	$26.10	$24.95
26"	$31.04	$28.96	$27.38	$26.14
28"	$32.62	$30.38	$28.64	$27.33
30"	$34.17	$31.76	$29.91	$28.50
32"	$35.73	$33.15	$31.20	$29.69
34"	$37.27	$34.56	$32.47	$30.88
36"	$38.32	$35.48	$33.30	$31.64
38"	$39.83	$36.85	$34.56	$32.79
40"	$41.36	$38.22	$35.82	$33.97
42"	$42.90	$39.58	$37.07	$35.12
44"	$44.43	$40.94	$38.32	$36.27
46"	$45.78	$42.19	$39.41	$37.31
48"	$47.13	$43.38	$40.51	$38.32
Price Per Bend	$0.60	$0.60	$0.40	$0.40

Galvanized Steel				
Size / Gauge	16 Ga	20 Ga	22 Ga	24 Ga
6"	$14.36	$13.95	$13.59	$13.30
8"	$15.54	$15.00	$14.52	$14.13
10"	$16.73	$16.05	$15.43	$14.95
12"	$17.92	$17.09	$16.38	$15.78
14"	$19.12	$18.14	$17.31	$16.63
16"	$20.29	$19.19	$18.24	$17.46
18"	$21.28	$20.06	$19.03	$18.14
20"	$22.46	$21.11	$19.93	$18.97
22"	$23.63	$22.13	$20.85	$19.77
24"	$24.40	$22.83	$21.47	$20.32
26"	$25.55	$23.81	$22.34	$21.12
28"	$26.67	$24.82	$23.22	$21.91
30"	$27.80	$25.82	$24.11	$22.69
32"	$28.92	$26.81	$24.99	$23.48
34"	$30.07	$27.80	$25.88	$24.29
36"	$30.80	$28.48	$26.46	$24.82
38"	$31.93	$29.44	$27.33	$25.57
40"	$33.04	$30.43	$28.22	$26.36
42"	$34.14	$31.41	$29.08	$27.13
44"	$35.25	$32.41	$29.97	$27.92
46"	$36.24	$33.26	$30.72	$28.60
48"	$37.21	$34.13	$31.51	$29.28
Price Per Bend	$0.60	$0.60	$0.40	$0.40

Caulking Chart pricing per Linear Foot Installed

2 Component Epoxied Urethane Compound

Joint Size	1/8"	3/16"	1/4"	5/16"	3/18"	7/16"	1/2"	5/8"	3/4"	7/8"	1"	1-1/8"	1-1/4"
1/8"	$2.89	$3.03	$3.16	$3.26	$3.39	$3.62	$3.86	$4.12	$4.22	$4.48	$4.71	$5.31	$5.56
3/16"	$3.03	$3.16	$3.26	$3.39	$3.52	$3.62	$3.86	$4.22	$4.35	$4.48	$4.82	$5.44	$5.64
1/4"	$3.16	$3.26	$3.26	$3.52	$3.62	$3.62	$4.12	$4.22	$4.35	$4.48	$4.96	$5.56	$5.78
5/16"	$3.26	$3.39	$3.39	$3.62	$3.75	$3.86	$4.22	$4.35	$4.35	$4.48	$5.08	$5.64	$5.91
3/18"	$3.39	$3.52	$3.52	$3.75	$3.86	$4.12	$4.35	$4.48	$4.35	$4.58	$5.31	$5.78	$6.04
7/16"	$3.62	$3.62	$3.62	$3.86	$4.12	$4.22	$4.48	$4.58	$4.58	$4.71	$5.44	$5.91	$6.14
1/2"	$3.86	$3.86	$3.86	$4.12	$4.22	$4.35	$4.58	$4.71	$4.82	$4.82	$5.56	$6.04	$6.27
5/8"	$4.12	$4.22	$4.22	$4.22	$4.35	$4.48	$4.71	$4.82	$4.96	$4.96	$5.64	$6.14	$6.37
3/4"	$4.22	$4.35	$4.35	$4.35	$4.48	$4.58	$4.82	$4.96	$5.08	$5.08	$5.78	$6.27	$6.52
7/8"	$4.48	$4.48	$4.48	$4.71	$4.58	$4.71	$4.96	$5.08	$5.31	$5.31	$5.91	$6.37	$6.75
1"	$4.71	$4.82	$4.82	$4.96	$4.96	$5.08	$5.08	$5.31	$5.44	$5.56	$6.04	$6.52	$6.87
1-1/8"	$5.31	$5.44	$5.44	$5.56	$5.64	$5.64	$5.78	$5.91	$5.91	$6.04	$6.14	$6.75	$7.00
1-1/4"	$5.56	$5.64	$5.78	$5.91	$5.91	$5.91	$6.04	$6.14	$6.14	$6.27	$6.27	$6.87	$7.10

Caulking Chart pricing per Linear Foot Installed

1 Component Polyurethane

Joint Size	1/8"	3/16"	1/4"	5/16"	3/18"	7/16"	1/2"	5/8"	3/4"	7/8"	1"	1-1/8"	1-1/4"
1/8"	$4.35	$4.58	$4.82	$4.96	$5.16	$5.56	$5.91	$6.14	$6.37	$6.75	$7.23	$7.97	$8.31
3/16"	$4.58	$4.82	$4.96	$5.16	$5.56	$5.91	$6.14	$6.37	$6.75	$7.23	$7.97	$8.31	$8.54
1/4"	$4.82	$4.96	$5.16	$5.56	$5.91	$6.14	$6.37	$6.75	$7.23	$7.97	$8.31	$8.54	$8.79
5/16"	$4.96	$5.16	$5.56	$5.91	$6.14	$6.37	$6.75	$7.23	$7.97	$8.31	$8.54	$8.79	$9.02
3/18"	$5.16	$5.56	$5.91	$6.14	$6.37	$6.75	$7.23	$7.97	$8.31	$8.54	$8.79	$9.02	$9.02
7/16"	$5.56	$5.91	$6.14	$6.37	$6.75	$7.23	$7.97	$8.31	$8.54	$8.79	$9.02	$9.02	$9.02
1/2"	$5.91	$6.14	$6.37	$6.75	$7.23	$7.97	$8.31	$8.54	$8.79	$9.02	$9.02	$9.02	$9.15
5/8"	$6.14	$6.37	$6.75	$7.23	$7.97	$8.31	$8.54	$8.79	$9.02	$9.02	$9.02	$9.15	$9.40
3/4"	$6.37	$6.75	$7.23	$7.97	$8.31	$8.54	$8.79	$9.02	$9.02	$9.02	$9.15	$9.40	$9.40
7/8"	$6.75	$7.23	$7.97	$8.31	$8.54	$8.79	$9.02	$9.02	$9.02	$9.15	$9.40	$9.40	$9.64
1"	$7.23	$7.97	$8.31	$8.54	$8.79	$9.02	$9.02	$9.02	$9.15	$9.40	$9.40	$9.64	$9.64
1-1/8"	$7.97	$8.31	$8.54	$8.79	$9.02	$9.02	$9.02	$9.15	$9.40	$9.40	$9.64	$9.64	$10.36
1-1/4"	$8.31	$8.54	$8.79	$9.02	$9.02	$9.02	$9.15	$9.40	$9.40	$9.64	$9.64	$10.36	$10.72

Caulking Chart pricing per Linear Foot Installed

1 Component Silicone Rubber

Joint Size	1/8"	3/16"	1/4"	5/16"	3/18"	7/16"	1/2"	5/8"	3/4"	7/8"	1"	1-1/8"	1-1/4"
1/8"	$4.48	$4.71	$4.96	$5.08	$5.31	$5.64	$6.04	$6.27	$6.52	$6.87	$7.33	$8.06	$8.44
3/16"	$4.71	$4.96	$5.08	$5.31	$5.64	$6.04	$6.27	$6.52	$6.87	$7.33	$8.06	$8.44	$8.67
1/4"	$4.96	$5.08	$5.31	$5.64	$6.04	$6.27	$6.52	$6.87	$7.33	$8.06	$8.44	$8.67	$8.93
5/16"	$5.08	$5.31	$5.64	$6.04	$6.27	$6.52	$6.87	$7.33	$8.06	$8.44	$8.67	$8.93	$9.15
3/18"	$5.31	$5.64	$6.04	$6.27	$6.52	$6.87	$7.33	$8.06	$8.44	$8.67	$8.93	$9.15	$9.15
7/16"	$5.64	$6.04	$6.27	$6.52	$6.87	$7.33	$8.06	$8.44	$8.67	$8.93	$9.15	$9.15	$9.15
1/2"	$6.04	$6.27	$6.52	$6.87	$7.33	$8.06	$8.44	$8.67	$8.93	$9.15	$9.15	$9.15	$9.28
5/8"	$6.27	$6.52	$6.87	$7.33	$8.06	$8.44	$8.67	$8.93	$9.15	$9.15	$9.15	$9.28	$9.51
3/4"	$6.52	$6.87	$7.33	$8.06	$8.44	$8.67	$8.93	$9.15	$9.15	$9.15	$9.28	$9.51	$9.51
7/8"	$6.87	$7.33	$8.06	$8.44	$8.67	$8.93	$9.15	$9.15	$9.15	$9.28	$9.51	$9.51	$9.75
1"	$7.33	$8.06	$8.44	$8.67	$8.93	$9.15	$9.15	$9.15	$9.28	$9.51	$9.51	$9.75	$9.75
1-1/8"	$8.06	$8.44	$8.67	$8.93	$9.15	$9.15	$9.15	$9.28	$9.51	$9.51	$9.75	$9.75	$10.47
1-1/4"	$8.44	$8.67	$8.93	$9.15	$9.15	$9.15	$9.28	$9.51	$9.51	$9.75	$9.75	$10.47	$10.85

Line Item Multiplier to Adjust Labor Costs Based Upon the Prevailing Wage Rate.
Prevailing wage found at http://www.wdol.gov/dba.aspx#0

Journeyman Prevailing Wage Rate	Multiplier for Prevailing Wage Rates		
	Roofer	Mason	Sheet Metal
$10.00	0.8260	0.7320	0.7050
$12.50	0.8260	0.7320	0.7050
$15.00	0.8340	0.7320	0.7050
$17.50	0.8430	0.7320	0.7050
$20.00	0.8530	0.7470	0.7230
$22.50	0.8640	0.7620	0.7410
$25.00	0.8750	0.7770	0.7590
$27.50	0.8870	0.7950	0.7770
$30.00	0.8990	0.8130	0.7950
$32.50	0.9110	0.8310	0.8130
$35.00	0.9230	0.8490	0.8310
$37.50	0.9350	0.8670	0.8510
$40.00	0.9480	0.8860	0.8710
$42.50	0.9610	0.9050	0.8910
$45.00	0.9740	0.9240	0.9110
$47.50	0.9870	0.9430	0.9310
$50.00	1.0000	0.9620	0.9540
$52.50	1.0130	0.9810	0.9770
$55.00	1.0260	1.0000	1.0000
$57.50	1.0390	1.0300	1.0300
$60.00	1.0520	1.0600	1.0600
$62.50	1.0650	1.0900	1.0900
$65.00	1.0780	1.1200	1.1200
$67.50	1.0910	1.1500	1.1500
$70.00	1.1040	1.1750	1.1780
$72.50	1.1170	1.2000	1.2060
$75.00	1.1300	1.2250	1.2340
$77.50	1.1420	1.2500	1.2620
$80.00	1.1540	1.2750	1.2900
$82.50	1.1660	1.3000	1.3180
$85.00	1.1780	1.3250	1.3430
$87.50	1.1900	1.3500	1.3680
$90.00	1.2020	1.3750	1.3930
$92.50	1.2140	1.4000	1.4180
$95.00	1.2260	1.4250	1.4430
$97.50	1.2380	1.4530	1.4710
$100.00	1.2500	1.4810	1.4990
$102.50	1.2610	1.5090	1.5270
$105.00	1.2720	1.5370	1.5550
$107.50	1.2830	1.5650	1.5830
$110.00	1.2940	1.5930	1.6130
$112.50	1.3050	1.6210	1.6430
$115.00	1.3150	1.6490	1.6730
$117.50	1.3240	1.6770	1.7030
$120.00	1.3320	1.7050	1.7330

Line Item			Unit	$ per Unit
24.00	**High Performance Value-Added Alternates Specific to Garland/DBS's Product Line**			
24.01	**ROOF CONFIGURATION** **1 Ply <u>Modified Base Sheet</u> Adhered as Specified Below**			
24.01.01	**BASE PLY OPTION:**	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - 550 lbf/in tensile; Adhered in Hot ASTM D 312 Type III or IV Asphalt	**SF**	6.15
24.01.02	**BASE PLY OPTION:**	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - 550 lbf/in tensile; Adhered in Cold Process Modified Asphalt	**SF**	8.71
24.01.03	**BASE PLY OPTION:**	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - 550 lbf/in tensile; Adhered in Cold Process Solvent-Free Membrane Ashesive	**SF**	11.60
24.02	**ROOF CONFIGURATION** **1 Ply High Performance <u>Cap Sheet with 1000 Lbf/in Tensile</u>, Adhered and with Finished Surfacing as Specified Below**			
24.02.01	**ROOFING MEMBRANE:**	ASTM D 6162 SBS KEVLAR Fiber-Enhanced Dual Fiberglass and Polyester Mineral-Surfaced Modified Bituminous Sheet Material Type III - 1000 lbf/in tensile; Adhered in Hot ASTM D 312 Type III or IV Asphalt	**SF**	13.69

24.02.02	**ROOFING MEMBRANE:**	ASTM D 6162 SBS KEVLAR Fiber-Enhanced Dual Fiberglass and Polyester Mineral-Surfaced Modified Bituminous Sheet Material Type III - 1000 lbf/in tensile; Adhered in Cold Process Modified Asphalt	**SF**	15.90
24.02.03	**ROOFING MEMBRANE:**	ASTM D 6162 SBS KEVLAR Fiber-Enhanced Dual Fiberglass and Polyester Mineral-Surfaced Modified Bituminous Sheet Material Type III - 1000 lbf/in tensile; Adhered in Cold Process Solvent-Free Membrane Ashesive	**SF**	18.67
24.02.04	**ROOFING MEMBRANE & COATING OPTION:**	ASTM D 6162 SBS KEVLAR Fiber-Enhanced Dual Fiberglass and Polyester Smooth-Surfaced Modified Bituminous Sheet Material Type III - 1000 lbf/in tensile; Flood Coat and Aggregate Adhered in Hot ASTM D 312 Type III OR IV Asphalt	**SF**	12.34
24.02.05	**ROOFING MEMBRANE & COATING OPTION:**	ASTM D 6162 SBS KEVLAR Fiber-Enhanced Dual Fiberglass and Polyester Smooth-Surfaced Modified Bituminous Sheet Material Type III - 1000 lbf/in tensile; Set in Hot ASTM D 312 Type III or IV Asphalt, Flood Coat & Aggregate in Hot Modified Coal Tar Pitch	**SF**	17.10
24.02.06	**ROOFING MEMBRANE & COATING OPTION:**	ASTM D 6162 SBS KEVLAR Fiber-Enhanced Dual Fiberglass and Polyester Smooth-Surfaced Modified Bituminous Sheet Material Type III - 1000 lbf/in tensile; Flood Coat and Aggregate Adhered in Cold Process Modified Asphalt	**SF**	16.12

24.02.07	**ROOFING MEMBRANE & COATING OPTION:**	ASTM D 6162 SBS KEVLAR Fiber-Enhanced Dual Fiberglass and Polyester Smooth-Surfaced Modified Bituminous Sheet Material Type III - 1000 lbf/in tensile; Flood Coat and Aggregate Adhered in Cold Process Solvent-Free Membrane Adhesive	**SF**	24.47
24.02.08	**ROOFING MEMBRANE & COATING OPTION:**	ASTM D 6162 SBS KEVLAR Fiber-Enhanced Dual Fiberglass and Polyester Smooth-Surfaced Modified Bituminous Sheet Material Type III - 1000 lbf/in tensile; Set in Cold Process Asphalt, Flood Coat & Aggregate in Cold-Applied Modified Coal Tar Pitch	**SF**	17.65
24.02.09	**WARRANTY CHARGE:**	Cost to Provide 20 Year - Labor & Material Warranty with No Dollar Limitations as a Standard Warranty for All Applications in this Section 12.12 Must includes coverage for roof uplift pressures up to 90 MPH	**SF**	NSP
24.02.10	**WARRANTY UPCHARGE:**	Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar Limitations	**SF**	NSP
24.02.11	**WARRANTY UPCHARGE:**	Add to provide coverage for a 30 Year Labor & Material Warranty with No Dollar Limitations	**SF**	NSP-1
24.02.13	**WARRANTY UPCHARGE:**	Add to provide coverage for roof uplift pressures up to 120 MPH	**SF**	NSP-2
24.03	**ROOF CONFIGURATION** **1 Ply High Performance Cap Sheet <u>Polyurethane Resin Modified</u>, Adhered and with Finished Surfacing as Specified Below**			

24.03.01	**ROOFING MEMBRANE:**	ASTM D 6163 Fiberglass Reinforced Asphalt-Based Membrane Modified with a Specially-Designed Polyurethane Resin Mineral-Surfaced Modified Bituminous Sheet Material Type III - 215 lbf/in tensile; Adhered in Hot ASTM D 312 Type III or IV Asphalt	**SF**	14.82
24.03.02	**ROOFING MEMBRANE:**	ASTM D 6163 Fiberglass Reinforced Asphalt-Based Membrane Modified with a Specially-Designed Polyurethane Resin Mineral-Surfaced Modified Bituminous Sheet Material Type III - 215 lbf/in tensile; Adhered in Cold Process Modified Asphalt	**SF**	17.03
24.03.03	**ROOFING MEMBRANE:**	ASTM D 6163 Fiberglass Reinforced Asphalt-Based Membrane Modified with a Specially-Designed Polyurethane Resin Mineral-Surfaced Modified Bituminous Sheet Material Type III - 215 lbf/in tensile; Adhered in Cold Process Solvent-Free Membrane Ashesive	**SF**	19.81
24.03.04	**ROOFING MEMBRANE & COATING OPTION:**	ASTM D 6163 Fiberglass Reinforced Asphalt-Based Membrane Modified with a Specially-Designed Polyurethane Resin Smooth-Surfaced Modified Bituminous Sheet Material Type III - 215 lbf/in tensile; Flood Coat and Aggregate Adhered in Hot ASTM D 312 Type III OR IV Asphalt	**SF**	13.52
24.03.05	**ROOFING MEMBRANE & COATING OPTION:**	ASTM D 6163 Fiberglass Reinforced Asphalt-Based Membrane Modified with a Specially-Designed Polyurethane Resin Smooth-Surfaced Modified Bituminous Sheet Material Type III - 215 lbf/in tensile; Set in Hot ASTM D 312 Type III or IV Asphalt, Flood Coat & Aggregate in Hot Modified Coal Tar Pitch	**SF**	18.28

24.03.06	**ROOFING MEMBRANE & COATING OPTION:**	ASTM D 6163 Fiberglass Reinforced Asphalt-Based Membrane Modified with a Specially-Designed Polyurethane Resin Smooth-Surfaced Modified Bituminous Sheet Material Type III - 215 lbf/in tensile; Flood Coat and Aggregate Adhered in Cold Process Modified Asphalt	**SF**	17.28
24.03.07	**ROOFING MEMBRANE & COATING OPTION:**	ASTM D 6163 Fiberglass Reinforced Asphalt-Based Membrane Modified with a Specially-Designed Polyurethane Resin Smooth-Surfaced Modified Bituminous Sheet Material Type III - 215 lbf/in tensile; Flood Coat and Aggregate Adhered in Cold Process Solvent-Free Membrane Adhesive	**SF**	25.64
24.03.08	**ROOFING MEMBRANE & COATING OPTION:**	ASTM D 6163 Fiberglass Reinforced Asphalt-Based Membrane Modified with a Specially-Designed Polyurethane Resin Smooth-Surfaced Modified Bituminous Sheet Material Type III - 215 lbf/in tensile; Set in Cold Process Asphalt, Flood Coat & Aggregate in Cold-Applied Modified Coal Tar Pitch	**SF**	18.83
24.03.09	**WARRANTY CHARGE:**	Cost to Provide 20 Year - Labor & Material Warranty with No Dollar Limitations as a Standard Warranty for All Applications in this Section 12.12 Must includes coverage for roof uplift pressures up to 90 MPH	**SF**	NSP
24.03.10	**WARRANTY UPCHARGE:**	Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar Limitations	**SF**	NSP
24.03.11	**WARRANTY UPCHARGE:**	Add to provide coverage for a 30 Year Labor & Material Warranty with No Dollar Limitations	**SF**	NSP

24.03.12	**WARRANTY UPCHARGE:**	Add to provide coverage for a 40 Year Labor & Material Warranty with No Dollar Limitations	**SF**	NSP
24.03.13	**WARRANTY UPCHARGE:**	Add to provide coverage for roof uplift pressures up to 120 MPH	**SF**	NSP-2
24.04	**ROOF CONFIGURATION** **1 Ply of Glasbase, 2 Plies of Coal Tar Felt or 2 Plies of Coal Tar Modified Base Sheets in Coal Tar Adhesive as Specified, [Insulation & Glass Base] Asphalt Adhesive as Specified**			
24.04.01	**BASE ROOF CONFIGURATION OPTION:**	Hot Mop 2 Plies of ASTM D 4990 Type I Coal Tar Saturated Felts in Modified Coal Tar Pitch; Modified CTP with 2000% Elongation	**SF**	12.17
24.04.02	**BASE ROOF CONFIGURATION OPTION:**	Hot Mop 2 Plies of ASTM D 4990 Type I Coal Tar Saturated Felts in Standard Coal Tar Pitch	**SF**	9.55
24.04.03	**BASE ROOF CONFIGURATION OPTION:**	2 Plies ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - 310 lbf/in tensile; Adhered in Cold Process Modified Coal Tar-Based Membrane Ashesive	**SF**	17.16
24.04.03	**BASE ROOF CONFIGURATION OPTION:**	2 Plies ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - 310 lbf/in tensile; Adhered in Cold Process Solvent-Free Membrane Ashesive	**SF**	21.20
24.04.04	**BASE ROOF CONFIGURATION OPTION:**	1 Ply ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - 310 lbf/in tensile; Adhered in Cold Process Modified Coal Tar-Based Membrane Ashesive	**SF**	10.03

24.04.05	**BASE ROOF CONFIGURATION OPTION:**	1 Ply ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - 310 lbf/in tensile; Adhered in Cold Process Solvent-Free Membrane Ashesive	**SF**	12.04
24.05	**ROOF CONFIGURATION** **1 Ply SBS Coal Tar-Based Mineral-Surfaced Cap Sheet Adhered in as Specified**			
24.05.01	**ROOFING MEMBRANE:**	ASTM D 6162 SBS Modified Coal Tar-Based Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile; Adhered in Hot Modified Coal Tar Pitch; Modified CTP with 2000% Elongation	**SF**	13.86
24.05.02	**ROOFING MEMBRANE:**	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile; Adhered in Hot Standard Coal Tar Pitch	**SF**	12.78
24.05.03	**ROOFING MEMBRANE:**	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile; Adhered in Cold Process Modified Coal Tar-Based Membrane Ashesive	**SF**	13.50
24.05.04	**ROOFING MEMBRANE:**	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile; Adhered in Cold Process Solvent-Free Membrane Ashesive	**SF**	14.80

24.05.05	**WARRANTY CHARGE:**	Cost to Provide 20 Year - Labor & Material Warranty with No Dollar Limitations as a Standard Warranty for All Applications in this Section 12.12 Must includes coverage for roof uplift pressures up to 90 MPH	**SF**	NSP
24.05.06	**WARRANTY UPCHARGE:**	Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar Limitations	**SF**	NSP
24.05.07	**WARRANTY UPCHARGE:**	Add to provide coverage for a 30 Year Labor & Material Warranty with No Dollar Limitations	**SF**	NSP-1
24.05.08	**WARRANTY UPCHARGE:**	Add to provide coverage for roof uplift pressures up to 120 MPH	**SF**	NSP-2
24.06	**ROOF CONFIGURATION** **1 Ply SBS Coal Tar-Based Smooth-Surfaced Cap Sheet Adhered with Flood Coat & Aggregate as Specified**			
24.06.01	**ROOFING MEMBRANE:**	ASTM D 6162 SBS Modified Coal Tar-Based Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile; Hot Modified Coal Tar Pitch; Modified CTP with 2000% Elongation	**SF**	18.58
24.06.02	**ROOFING MEMBRANE:**	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile; Hot Standard Coal Tar Pitch	**SF**	15.04
24.06.03	**ROOFING MEMBRANE:**	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile; Cold Process Modified Coal Tar-Based Membrane Ashesive	**SF**	17.02

24.06.04	**ROOFING MEMBRANE:**	ASTM D 6162 SBS Fiberglass/Polyester Reinforced Modified Bituminous Sheet Material Type III - Minimum of 310 lbf/in tensile; Cold Process Solvent-Free Membrane Ashesive	**SF**	21.15
24.06.05	**WARRANTY CHARGE:**	Cost to Provide 20 Year - Labor & Material Warranty with No Dollar Limitations as a Standard Warranty for All Applications in this Section 12.12 Must includes coverage for roof uplift pressures up to 90 MPH	**SF**	NSP
24.06.06	**WARRANTY UPCHARGE:**	Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar Limitations	**SF**	NSP
24.06.07	**WARRANTY UPCHARGE:**	Add to provide coverage for a 30 Year Labor & Material Warranty with No Dollar Limitations	**SF**	NSP-1
24.06.08	**WARRANTY UPCHARGE:**	Add to provide coverage for roof uplift pressures up to 120 MPH	**SF**	NSP-2
24.07	**ROOF CONFIGURATION** **Architectural or Structural Standing Seam Roof System; Symetrical Seam Height Over 2" with Sealant Separated from Clip**			
24.07.01	**THICKNESS OPTION:**	Bare Aluminum Panel Price - 0.032" Aluminum, 18" - 19" Wide Panels	**SF**	9.90
24.07.02	**THICKNESS OPTION:**	Add for Bare Aluminum 0.040" Aluminum , 18" - 19" Wide Panels	**SF**	11.33
24.07.03	**PANEL WIDTH OPTION:**	Add for 12" - 13" Panel Width - Aluminum	**SF**	2.24
24.07.04	**PANEL WIDTH OPTION:**	Add for 16" - 17" Panel Width - Aluminum	**SF**	0.82
24.07.05	**PANEL WIDTH OPTION:**	Add for 24" - 25" Panel Width - Aluminum	**SF**	-0.53
24.07.06	**THICKNESS OPTION:**	Bare Galvalume Coated Steel or Equal Panel Price - 24 Ga, 18" - 19" Wide Panels	**SF**	8.12

24.07.07	**THICKNESS OPTION:**	Bare Galvalume Coated Steel or Equal Panel Price - 22 Ga, 18" - 19" Wide Panels	**SF**	8.93
24.07.08	**PANEL WIDTH OPTION:**	Add for 12" - 13" Panel Width - Galvalume Coated Steel or Equal	**SF**	2.17
24.07.09	**PANEL WIDTH OPTION:**	Add for 16" - 17" Panel Width - Galvalume Coated Steel or Equal	**SF**	0.82
24.07.10	**PANEL WIDTH OPTION:**	Add for 24" - 25" Panel Width - Galvalume Coated Steel or Equal	**SF**	-0.80
24.07.11	**COLOR OPTION:**	Add for Standard Colors - Fluorocarbon Paint System Over Aluminum or Galvalume Coated Steel Or Equal	**SF**	1.49
24.07.12	**COLOR OPTION:**	Add for Designer Colors - Fluorocarbon Paint System Over Aluminum or Galvalume Coated Steel Or Equal	**SF**	1.79
24.07.13	**COLOR OPTION:**	Add for Premium or Custom Colors - Fluorocarbon Paint System Over Aluminum or Galvalume Coated Steel Or Equal	**SF**	2.17
24.07.14	**WARRANTY CHARGE:**	Cost to Provide 20 Year - Labor & Material Warranty with No Dollar Limitations as a Standard Warranty for All Applications in this Section 13.00 Must includes coverage for roof uplift pressures up to 90 MPH	**SF**	NSP
24.07.15	**WARRANTY UPCHARGE:**	Add to provide coverage for a 25 Year Labor & Material Warranty with No Dollar Limitations	**SF**	NSP
24.07.16	**WARRANTY UPCHARGE:**	Add to provide coverage for a 30 Year Labor & Material Warranty with No Dollar Limitations	**SF**	NSP
24.07.17	**WARRANTY UPCHARGE:**	Add to provide coverage for a 40 Year Labor & Material Warranty with No Dollar Limitations	**SF**	NSP
24.07.18	**WARRANTY UPCHARGE:**	Add to provide coverage for roof uplift pressures up to 120 MPH	**SF**	NSP

Proposed Pricing Coefficient (s)

Please provide Coefficients for products and services not listed in the provided line items for states that you are proposing to do work in.

- **COEFFICIENTS NORMAL WORKING HOURS**; the priced coefficients for each region that you are willing to work in shall be listed for both regular hours (7A.M. to 6 P.M.)
- **COEFFICENT NON-NORMAL WORKING HOURS**; the priced coefficient for weekends, holidays and hours outside of regular hours. The coefficient must be rounded to the nearest second decimal place, e.g. .793 would be rounded to .79.

Coefficients:

State	Coefficient Normal Working Hours	Coefficient Non-Normal Working Hours	State	Coefficient Normal Working Hours	Coefficient Non-Normal Working Hours
[redacted]					
Florida	1.10	1.27	[redacted]		
[redacted]					

Note: Provide coefficients for the state(s) that you would like to be awarded. Region 4 ESC is looking for proposers that can provide service in multiple states.

Provide markup percentage on non-prepriced items 15%**.**

** Coefficients for products and services not listed will be established using current RS means and will be adjusted via the city cost indexes.