



CALIFORNIA 1.19 - Non-Prevailing Wage
Effective 03/01/2025

Roofing & Envelope Services Bid Contract
AEPA IFB 025-D

No.	Description	Unit of Measure	List Price
1	Water-Resistant Roofing		
2	Pressure cleaning, vertical walls	SF	\$ 0.17
3	Pressure cleaning, horizontal surfaces	SF	\$ 0.36
4	Roof scanning to identify wet or substandard roof components to be removed	SF	\$ 0.01
5	Asphalt emulsion coating, waterproofing, brush applied, per coat	SF	\$ 0.07
6	Rubberized coating waterproofing, brush applied, per coat	SF	\$ 0.13
7	Vinyl/acrylic resin, dampproofing, brush applied per coat	SF	\$ 0.12
8	Non-pigmented synthetic resin, waterproofing, one coat sprayed on	SF	\$ 0.15
9	Caulking: remove existing, clean and prime joint	LF	\$ 1.02
10	Caulking, epoxied urethane compound, 2 component, 1/4" x 1/4", in place	LF	\$ 0.93
11	Caulking, polyurethane, 1 component, 1/4" x 1/4", in place	LF	\$ 1.20
12	Caulking, polyurethane, 1 component, 1/2" x 1/2", in place	LF	\$ 1.17
13	Caulking, silicone rubber, 1 component, 1/4" x 1/4", in place	LF	\$ 0.99
14	Caulking, epoxied urethane compound, 2 component, 1/4" x 1/4", in place	LF	\$ 1.64
15	Caulking, silicone rubber, 1 component, 3/4" x 3/8", in place	LF	\$ 1.17
16	Backer rod, polyethylene, 3/8" diameter, installed in prepared opening	LF	\$ 0.23
17	Backer rod, polyethylene, 1/2" diameter, installed in prepared opening	LF	\$ 0.37
18	Backer rod, polyethylene, 3/4" diameter, installed in prepared opening	LF	\$ 0.39
19	Backer rod, polyethylene, 1" diameter, installed in prepared opening	LF	\$ 0.46
20	Building paper, asphalt felt sheathing paper, 1 ply, 15#, in place	SF	\$ 0.21
21	Building paper, asphalt felt sheathing paper, 1 ply, 40#, in place	SF	\$ 0.11
22	Building paper, red rosin paper, 5 square rolls, 4#, in place	SF	\$ 0.12
23	Vapor retarder adhered, 2 ply inorganic, glass Type 15, applied in Type IV (or appropriate type) asphalt, in place	SF	\$ 0.18
24	Vapor retarder, 2 ply organic, Type 15 pound, applied in Type IV asphalt (or appropriate type), in place	SF	\$ 0.18
25	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	\$ 0.44
26	Insulation		
27	Demolition of roof insulation, per inch of depth	SF	\$ 0.48
28	Demolition of lightweight cementitious fills, per inch of depth	SF	\$ 0.32
29	Roof deck insulation, Isocyanurate in 4' x 4' or 4' x 8' sheets with fiberglass facers, 1" thick, R-6.6, applied Type IV (or appropriate) asphalt	SF	\$ 0.43
30	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 (or appropriate) asphalt	SF	\$ 0.64
31	Roof deck insulation, Isocyanurate in 4' x 4' or 4' x 8' sheets, 1" thick, R-6.6, mechanically fastened	SF	\$ 0.33
32	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	\$ 0.73
33	Roof deck insulation, fiberboard in 4' x 4' sheets, 1/2" thick, R-1.39, applied Type IV (or appropriate) asphalt	SF	\$ 0.92
34	Roof deck insulation, fiberboard in 4' x 8' sheets, 25/32" thick, R-2.4, installed hot/cold or mechanically attached coated six sides	SF	\$ 0.31
35	Roof deck insulation, fiberboard in 4' x 4', 1" thick, R-2.78, applied Type IV asphalt (or appropriate asphalt), coated six sides	SF	\$ 0.48
36	Roof deck insulation, fiberboard in 4' x 4' sheets, 1/2" thick, R-1.39, mechanically fastened, coated six sides	SF	\$ 0.52
37	Roof deck insulation, fiberboard in 4' x 4', 1" thick, R-2.78, mechanically fastened, coated six sides	SF	\$ 0.31
38	Roof deck insulation, lightweight cellular wire reinforced concrete fill, R-value depending on thickness, per inch of depth	SF	\$ 0.50
39	Roof deck insulation, vermiculite at 1/8:12, R-value depending on thickness, per inch of depth	SF	\$ 0.99
40	Roof deck insulation, vermiculite at 1/4:12, R-value depending on thickness, per inch of depth	SF	\$ 1.12
41	Roof deck insulation, gypsum panels, 3" thick	SF	\$ 2.36
42	Roof deck insulation, Isocyanurate (black facer only), tapered, 1/8" per foot slope, Type IV asphalt, per inch of depth	SF	\$ 0.60
43	Roof deck insulation, Isocyanurate (black facer only), tapered, 1/4" per foot slope, Type IV asphalt, per inch of depth	SF	\$ 0.94
44	Cold insulation adhesive	SF	\$ 1.23
45	CDX Gypsum, 1/4" x 4' x 8' - Mechanically attached	SF	\$ 0.44
46	CDX Gypsum, 1/4" x 4' x 8' - Set into adhesive	SF	\$ 0.69
47	CDX Gypsum, 1/2" x 4' x 8' - Mechanically attached	SF	\$ 1.25

48	CDX Gypsum, 1/2" x 4' x 8' - Set into adhesive	SF	\$	1.87
49	CDX Gypsum with fiberglass facer: 1/4" x 4' x 8' - Mechanically attached	SF	\$	1.02
50	CDX Gypsum with fiberglass facer: 1/4" x 4' x 8' - Set into adhesive	SF	\$	1.65
51	CDX Gypsum with fiberglass facer: 1/2" x 4' x 8' - Mechanically attached	SF	\$	1.63
52	CDX Gypsum with fiberglass facer: 1/2" x 4' x 8' - Set into adhesive	SF	\$	2.33
53	Roof Tiles and Shingles			
54	Remove composition shingles and felts to decking (test for removal of asbestos prior to removal)	SF	\$	0.75
55	Remove clay, concrete, or slate roof tiles to decking	SF	\$	0.81
56	Remove wood shingles and felts to decking	SF	\$	0.29
57	Shingles, fiberglass, Class A, 25-year strip shingles, slopes 3:12 or greater	SF	\$	1.45
58	Shingles, fiberglass, Class A, 30-year, premium laminated multilayered shingles, slopes 3:12 or greater	SF	\$	2.30
59	Replace clay or concrete roof tiles	Each	\$	3.09
60	Self-adhering ice and water shield membrane for shingles, tiles, metal waterways, penetrations, valleys, ridges, edges, etc.	SF	\$	2.15
61	Roofing and Roof Restoration			
62	Remove built-up roof, multi-ply aggregate, non-asbestos, 1" thick or less	SF	\$	0.88
63	Remove single-ply roof: ballast, and membrane only	SF	\$	1.14
64	Remove single-ply roof, membrane partially or fully adhered	SF	\$	1.26
65	Remove single-ply roof, membrane mechanically attached	SF	\$	1.24
66	Remove copper sheet roofing	SF	\$	0.30
67	Base sheet, 3-ply fiberglass, Type IV (or appropriate type) asphalt (17 year roof)	SF	\$	1.70
68	Base sheet, 4-ply fiberglass, mechanically attached (17-year roof)	SF	\$	1.07
69	Fiberglass cap finishing membrane	SF	\$	0.40
70	Base sheet with 2 ply, fiberglass felts, Type IV asphalt (or appropriate type)	SF	\$	1.58
71	Base sheet with 3 ply, fiberglass felts, Type IV asphalt (or appropriate type)	SF	\$	2.02
72	Base sheet mechanically attached with 4 ply, Type VI fiberglass felts, Type IV (or appropriate type) asphalt	SF	\$	1.20
73	Nail base sheet, 3 ply Type VI fiberglass felts, fiberglass cap, Type IV (or appropriate type) asphalt	SF	\$	1.25
74	Base sheet with 4 ply; 2 polyester and 2 fiberglass felts, Type IV (or appropriate type) asphalt (20 year roof)	SF	\$	1.43
75	Built-up roof, base sheet with 3 ply polyester roofing sheet, Type IV (or appropriate type) asphalt (20 year roof)	SF	\$	1.07
76	Built-up roof, base sheet with 3 ply Type GS fiberglass, cold process adhesive (20 year roof)	SF	\$	3.13
77	Built-up roof base sheet plus 4 ply Type G2 fiberglass, cold process adhesive (30 year roof)	SF	\$	1.87
78	Built-up roof, base sheet, 1 ply Type VI fiberglass, 1 ply modified bitumen sheet, fire rated, Type IV asphalt (15 year roof)	SF	\$	3.08
79	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	\$	1.55
80	Built-up roof, base sheet, G-2, 33 lb., mechanically attached	SF	\$	0.71
81	Built-up roof, base sheet, G-2, 33 lb., Type IV asphalt	SF	\$	0.81
82	Built-up roof, premium asphalt, added cost per ply per square foot	SF	\$	0.10
83	Built-up roof, modified bitumen adhesive, added cost per ply per square foot	SF	\$	0.24
84	Built-up roof, surface with cold asphaltic surfacing adhesive and gravel	SF	\$	2.63
85	Built-up roof, surface with emulsion and granules	SF	\$	0.71
86	Built-up roof, surface with emulsion and aluminum coating	SF	\$	0.96
87	Built-up roof, surface with emulsion and white elastomeric coating	SF	\$	1.01
88	Built-up roof, surface with aluminum coating or paint	SF	\$	1.70
89	Built-up roofing, surface with high solids white elastomeric coating	SF	\$	2.36
90	Built-up roofing repairs; fibered asphalt mastic, brush grade, with fiberglass mesh	SF	\$	2.13
91	Built-up roofing repairs; pitch-based mastic, with fiberglass mesh	SF	\$	1.62
92	Built-up roofing repairs; elastomeric mastic, with fiberglass mesh	SF	\$	2.92
93	Built-up roofing restoration, coal tar pitch roofs	SF	\$	1.62
94	Built-up roofing restoration, odorless, coal tar pitch or asphalt roofs	SF	\$	1.84
95	Single-ply roof, CSPE, 45 mils reinforced, asbestos free, mechanically fastened	SF	\$	1.55
96	Single-ply roof, CSPE, 60 mils reinforced, asbestos free, mechanically fastened	SF	\$	1.65
97	Single-ply roofing repairs (CSPE, PVC, and EPDM)			
98	CSPE	SF	\$	1.44
99	PVC	SF	\$	2.06
100	EPDM	SF	\$	1.81
101	Flashing membrane, 2 ply, Type IV or Type VI fiberglass	SF	\$	1.75
102	Flashing membrane, 1 ply polyester and 1 ply modified bitumen	SF	\$	2.81
103	Flashing membrane, 2 ply, polyester	SF	\$	1.95
104	Flashing membrane, CSPE	SF	\$	5.20
105	Flashing membrane, CSPE with aluminum coating	SF	\$	8.21
106	Polyurethane foam roofing	SF	\$	1.31
107	Additional Polyurethane foam coating	SF	\$	2.13
108	Single-ply roof, EPDM, 45 mils reinforced, mechanically fastened	SF	\$	1.15
109	Single-ply roof, EPDM, 60 mils fully adhered	SF	\$	2.87
110	Built-up roof, base sheet with 3 ply trilaminate ply, cold process adhesive (25 year roof)	SF	\$	3.13

111	Built-up roof, surface with premium asphalt, and gravel	SF	\$	0.54
112	Built-up roof, surface with Fire Retardant Aluminum coating or paint, single coat	SF	\$	0.76
113	Modified Bitumen roof, base sheet, cap sheet, cold Modified Bitumen Adhesive	SF	\$	5.85
114	Built-up roof, 3 ply fiberglass felts, Type IV asphalt	SF	\$	2.88
115	Single ply Roof, 45 mils fully adhered with bonding adhesive	SF	\$	3.83
116	Single ply roof, TPA Fleece Back, 45 mils fully adhered with hot asphalt	SF	\$	3.83
117	Single ply roof, 45 mils mechanically attached	SF	\$	1.56
118	Base sheet mechanically attached with 3 ply fiberglass felts, Type 1 -Coal Tar Pitch	SF	\$	1.20
119	Base sheet mechanically attached with 3 ply Organic felts, Type 1 -Coal Tar Pitch	SF	\$	1.24
120	Built-up roof, 4 ply Fiberglass felts, Type 1 Coal Tar Pitch	SF	\$	1.27
121	Built-up roof, 4 ply Organic felts, Type 1 Coal Tar Pitch	SF	\$	1.27
122	Built-up roof, surface with hot Coal Tar Pitch and gravel	SF	\$	0.89
123	Single ply repairs using 2 coat polyurethane, elastomeric coating system	SF	\$	4.45
124	Single ply repairs at laps or defects using 2 coats elastomeric coating system with reinforcement	SF	\$	4.77
125	Single ply roof, TPA fleece back, 60 mils fully adhered with hot asphalt	SF	\$	7.02
126	Single ply roof 60 mils fully adhered with bonding adhesive	SF	\$	7.02
127	Built-up roof, 1 ply Trilaminate, 1 ply Modified Bitumen Sheet, fire rated	SF	\$	3.17
128	Masonry			
129	Brick, remove and reset, 1 to 50 sq ft	SF	\$	15.29
130	Brick, remove and reset, over 50 sq ft	SF	\$	12.36
131	Block, remove and reset	SF	\$	12.89
132	Coping stones, remove and reset	Each	\$	30.68
133	Brick, block or coping removal	Each	\$	9.96
134	Brick, block and brick exterior wall maintenance, repair and application of protective coatings			
135	Selective Demolition of Concrete Block Masonry Units (CMU) with perimeter saw cutting-swingstage 4", 6" and 8" block (high-rise)	Each	\$	6.10
136	Selective Demolition of Brick Masonry Units with perimeter saw cutting - swingstage one, two, and three wythe (high-rise)	SF	\$	21.87
137	Selective Demolition of Brick Masonry Units with perimeter saw cutting - scaffolding one, two and three wythe (low-rise)	SF	\$	15.52
138	Selective Demolition of Mortar Joint with Perimeter Saw cutting - Swingstage (high-rise)			
139	Removal of existing mortar (?" wide by ?" depth)	SF	\$	1.63
140	Removal of existing mortar (? " wide by ?" depth)	SF	\$	1.77
141	Removal of existing mortar (? " wide by 1?" depth)	SF	\$	1.94
142	Removal of existing mortar (? " wide by 1?" depth)	SF	\$	2.48
143	Selective Demolition of Mortar Joint with Perimeter Saw cutting ? Scaffolding (low-rise)			
144	Removal of existing mortar (?" wide by ?" depth)	SF	\$	3.24
145	Removal of existing mortar (? " wide by ?" depth)	SF	\$	3.56
146	Removal of existing mortar (? " wide by 1?" depth)	SF	\$	5.12
147	Removal of existing mortar (? " wide by 1?" depth)	SF	\$	5.95
148	New Pointing Work ? Swingstage (high-rise)			
149	Furnish and install new mortar (? " wide by ?" depth)	SF	\$	2.14
150	Furnish and install new mortar (? " wide by ?" depth)	SF	\$	2.23
151	Furnish and install new mortar (? " wide by 1 ?" depth)	SF	\$	1.89
152	Furnish and install new mortar (? " wide by 1 ?" depth)	SF	\$	2.75
153	New Pointing Work ? Scaffolding (low-rise)			
154	Furnish and install new mortar (? " wide by ?" depth)	SF	\$	5.18
155	Furnish and install new mortar (? " wide by ?" depth)	SF	\$	5.83
156	Furnish and install new mortar (? " wide by 1 ?" depth)	SF	\$	6.03
157	Furnish and install new mortar (? " wide by 1 ?" depth)	SF	\$	6.91
158	Removal of Roof Parapets ? Swingstage (high-rise)			
159	Removal of 3 wythe brick parapet wall (24" high)	SF	\$	32.63
160	Removal of 3 wythe brick parapet wall (42" high)	SF	\$	57.42
161	Removal of 2 wythe brick parapet wall (24" high)	SF	\$	27.33
162	Removal of 3 wythe brick parapet wall (42" high)	SF	\$	50.25
163	Removal of Roof Parapets ? Scaffolding (low-rise)			
164	Removal of 3 wythe brick parapet wall (24" high)	SF	\$	63.00
165	Removal of 3 wythe brick parapet wall (42" high)	SF	\$	113.37
166	Removal of 2 wythe brick parapet wall (24" high)	SF	\$	52.91
167	Removal of 3 wythe brick parapet wall (42" high)	SF	\$	105.81
168	Reconstruction of Brick Masonry Roof Parapets ? Swingstage (high-rise)			
169	New brick masonry parapet w/stone coping and flashings (3 wythe -24" high)	SF	\$	96.49
170	New brick masonry parapet w/stone coping and flashings (3 wythe -42" high)	SF	\$	121.87
171	New brick masonry parapet w/stone coping and flashings (2 wythe -24" high)	SF	\$	71.63
172	New brick masonry parapet w/stone coping and flashings (2 wythe -42" high)	SF	\$	89.17
173	Reconstruction of Brick Masonry Roof Parapets ? Scaffolding (low-rise)			
174	New brick masonry parapet w/stone coping and flashings (3 wythe -24" high)	SF	\$	176.36
175	b) New brick masonry parapet w/stone coping and flashings (3 wythe -42" high)	SF	\$	239.36
176	c) New brick masonry parapet w/stone coping and flashings (2 wythe -24" high)	SF	\$	125.97
177	d) New brick masonry parapet w/stone coping and flashings (2 wythe -42" high)	SF	\$	184.37
178	New Throughwall Flashings ? Swingstage (high-rise)			

179	Removal of 4 courses 1 wythe brick wall w/Temporary Shoring	SF	\$	33.96
180	Removal and replacement of steel lintel	SF	\$	17.14
181	Furnish and install new flashings (Bituthane)	SF	\$	5.36
182	Furnish and install new flashings (Lead coated copper)	SF	\$	9.64
183	Parging and waterproofing of back-up wall	SF	\$	7.50
184	New Throughwall Flashings - Scaffolding (low-rise)			
185	Removal of 4 courses 1 wythe brick wall w/Temporary Shoring	SF	\$	27.35
186	Removal and replacement of steel lintel	SF	\$	32.12
187	Furnish and install new flashings (Bituthane)	SF	\$	8.58
188	Furnish and install new flashings (Lead coated copper)	SF	\$	17.12
189	Parging and waterproofing of back-up wall	SF	\$	12.00
190	Brick Masonry/Stone Stabilization			
191	Drilling and installation of new friction pins with mortar cap	SF	\$	8.82
192	Drilling and installation of new friction pins for lime stone with mortar cap	SF	\$	8.82
193	Limestone Removal and Replacement			
194	Removal of existing deteriorated architectural limestone	SF	\$	22.05
195	Furnish and install new limestone replacement	SF	\$	63.58
196	Replacement of stone with lightweight polymer resin to match	SF	\$	12.79
197	Minor patching of existing stone to match	SF	\$	26.91
198	Terra Cotta Removal and Replacement			
199	Removal of existing deteriorated architectural Terra Cotta	SF	\$	44.10
200	Furnish and install new Terra Cotta replacement	SF	\$	141.09
201	Replacement of stone with lightweight polymer resin to match	SF	\$	51.13
202	Minor patching of existing stone to match	SF	\$	81.53
203	Roof Coping Stones			
204	Removal of existing roof coping stones (16 inches)	SF	\$	20.79
205	Removal and parging of existing substrate	SF	\$	3.43
206	Furnish and install new lead coated copper flashings	SF	\$	14.10
207	Drilling and epoxy grouting stainless steel pins	SF	\$	4.25
208	Reinstallation of existing stones with cleaning	SF	\$	12.76
209	Furnish and install new coping stones	SF	\$	29.01
210	Furnish and install new sealants between coping stones	SF	\$	4.46
211	Cleaning and coating of existing stones	SF	\$	3.31
212	CMU Backup Wall Repair and Waterproofing			
213	Replacement of Deteriorated CMU Back-up	SF	\$	10.00
214	Parging of CMU back-up wall	SF	\$	2.51
215	Waterproofing of back-up wall	SF	\$	1.43
216	Brick Masonry Piers			
217	Isolated repair of existing masonry piers (removal and replacement)	SF	\$	19.84
218	Reconstruction of isolated areas of pier	SF	\$	17.89
219	Construction of new masonry piers	SF	\$	14.33
220	Crack Repair			
221	Drill and install new stainless steel pins	Each	\$	5.50
222	Grouting of open cracks	SF	\$	3.78
223	Replacement of cracked bricks	SF	\$	7.56
224	Concrete Removal			
225	Perimeter sawcutting	SF	\$	1.02
226	Removal of existing concrete (2" depth)	SF	\$	4.81
227	Removal of existing concrete (3.5" depth)	SF	\$	6.19
228	New Concrete and Coating			
229	Placement of new high strength patching mortar (2" depth)	SF	\$	17.17
230	Placement of new high strength patching mortar (3.5" depth)	SF	\$	19.24
231	Cleaning and coating of concrete surface	SF	\$	5.50
232	Sidewalk Bridging	SF	\$	21.46
233	Temporary Roof Protection	SF	\$	1.75
234	Metal Work			
235	Remove standard metal decking	SF	\$	2.03
236	Install metal decking; 1-1/2" deep, 20 gauge, standard profile	SF	\$	4.20
237	Install steel plate, two sizes	SF	\$	2.83
238	10 Gauge, standard application	SF	\$	2.83
239	Extra heavy-duty 1/4th inch	SF	\$	1.52
240	Remove metal counterflashing	LF	\$	1.67
241	Counterflashing, galvanized, 24 gauge, 6" width	LF	\$	3.69
242	Counterflashing, copper, 16 oz., 6" width	LF	\$	2.49
243	Remove metal edge, gravel stop, eave strip, or coping	LF	\$	1.57
244	Metal edge raised, galvanized steel fascia/eave drip; 6 "face, hemmed, continuous cleat, 3" deck flange	LF	\$	5.26
245	Gravel stop, galvanized steel, 24 gauge, 6" face	LF	\$	5.97
246	Remove metal gutter	LF	\$	2.80
247	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	\$	16.12
248	Gutter, aluminum, .050" thick 5" box or ogee, painted, Kynar finish	LF	\$	21.31

249	Gutter, copper, 16 oz, half round, 5" wide	LF	\$	7.69
250	Gutter, copper, 16 oz, half round, 6" wide	LF	\$	9.03
251	Remove metal downspouts	LF	\$	2.38
252	Downspouts, aluminum, .024" thick, 3" x 4", painted, installed	LF	\$	15.77
253	Downspouts, GI, 24 gauge 3" x 4" installed	LF	\$	20.46
254	Downspouts, GI, 24 gauge, 4" round	LF	\$	13.23
255	Downspouts, copper, 16 oz., 6" round	LF	\$	11.91
256	Downspouts, strainer	Each	\$	3.53
257	Metal flashing, apron flashing, 9" wide	LF	\$	3.61
258	Metal flashing, step flashing	Each	\$	6.68
259	Metal splash pan, 16 oz.	Each	\$	11.84
260	Metal trim, aluminum, .032" thick, painted	SF	\$	2.49
261	Metal storm collar	Each	\$	21.24
262	Metal coping, galvanized steel, 24 gauge, standing seam	SF	\$	12.73
263	Metal coping, galvanized steel, 24 gauge, with butt plate	SF	\$	12.73
264	Resolder joints in sheet metal	LF	\$	0.87
265	Metal edge, aluminum, 0.50 thick 6" face painted	SF	\$	13.38
266	Metal edge, aluminum, free floating fascia system	SF	\$	14.84
267	Parapet wall metal	SF	\$	11.41
268	Metal edge, anodized finished aluminum, free floating fascia system 8 inches	SF	\$	25.60
269	Metal edge, high performance fluorocarbon finished aluminum, free floating fascia system 8 inches	SF	\$	11.59
270	Metal edge, anodized finished aluminum, free floating fascia system 6 inches	SF	\$	10.29
271	Metal edge, high performance fluorocarbon finished aluminum, free floating fascia system 6 inches	SF	\$	9.02
272	New Aluminum Metal Cladding			
273	Furnish and install new uninsulated aluminum wall cladding	SF	\$	6.96
274	Furnish and install new insulated aluminum wall cladding	SF	\$	12.23
275	Furnish and install new insulated aluminum wall cladding panels (Architecture)	SF	\$	17.41
276	Cladding of roof parapet walls with copings	SF	\$	20.29
277	New Exterior Insulation and Finish System (EIFS)			
278	New Exterior Insulation and Finish System (EIFS)	SF	\$	24.20
279	New Exterior Insulation Finish System (EIFS) w/o insulation	SF	\$	14.93
280	New Metal Copings	SF	\$	10.61
281	Surface Preparation			
282	Cleaning of existing steel and surface	SF	\$	8.06
283	Coating of existing reinforcement	SF	\$	0.89
284	Exterior rated gypsum board sheathing and substrate	SF	\$	2.49
285	EIFS Repair	SF	\$	23.06
286	Woodwork			
287	Demolition of plywood or standard 1" x 6" decking	SF	\$	0.99
288	Demolition of standard 2" x 6" tongue and groove decking	SF	\$	0.74
289	Plywood decking, CDX, 1/2" thick (or 15/32" optional)	SF	\$	2.59
290	Plywood decking, CDX, 5/8" thick	SF	\$	1.30
291	Plywood decking, CDX, 3/4" thick	SF	\$	2.43
292	Standard 1" x 6" decking, tongue and groove	SF	\$	1.31
293	Standard 2" x 6" tongue and groove decking	SF	\$	1.93
294	Cants, wood fiber, trapezoidal, 1 1/2" x 5 5/8"	LF	\$	0.61
295	Cants, SBX treated wood, 4" x 4" diagonal	LF	\$	2.40
296	Nailer, SBX treated wood, 1" x 4"	LF	\$	1.02
297	Nailer, SBX treated wood, 2" x 4"	LF	\$	1.25
298	Nailer, SBX treated wood			
299	2" x 6"	LF	\$	2.23
300	2" x 8" optional	LF	\$	2.37
301	Curbing, SBX treated wood, 2" x 12"	LF	\$	2.75
302	Joist, fir			
303	2" x 6"	LF	\$	2.61
304	2" x 8" optional	LF	\$	2.98
305	Joist, fir			
306	2" x 10"	LF	\$	3.00
307	2" x 12" optional	LF	\$	3.27
308	Standing Seam Metal Roof System (SSMRS) Price Each			
309	Specification Using Line Items			
310	Pre-Engineered SSMRS, products (20-year roof)	SF	\$	7.57
311	Subpurlins	LF	\$	5.71
312	Roof panel installation	SF	\$	6.30
313	Field forming of panels	SF	\$	2.57
314	Concealed anchor clips	Each	\$	1.69
315	Vapor retarder installation	SF	\$	0.77
316	Insulation installation	SF	\$	2.49
317	Gutters (SSMRS only)	LF	\$	18.42
318	Gutter liners	SF	\$	4.28

319	Flashing	LF	\$	8.93
320	Expansion joints	LF	\$	21.63
321	Finishing touches (no additional cost in contract)			
322	Snow retention assemblies	LF	\$	1.13
323	Self-adhering ice and water shield membrane for shingles, tiles, metal waterways, penetrations, valleys, ridges, edges, etc.	LF	\$	2.34
324	Roof Specialties and Accessories			
325	Remove roof hatch	Each	\$	88.36
326	Roof hatch, aluminum, 2'6" x 3'0"	Each	\$	278.47
327	Roof hatch, aluminum, larger sizes	SF	\$	24.00
328	Remove existing roof drain, except plumbing	Each	\$	276.64
329	Install new roof 4" drain, except plumbing	Each	\$	1,226.90
330	Install new roof 6" drain, except plumbing	Each	\$	1,226.90
331	Reflash existing roof drain	Each	\$	170.15
332	Plumbing stack, 4# lead flashing	Each	\$	74.80
333	Scupper, sheet steel, 24 gauge ASTM A 526, match existing configuration	Each	\$	134.03
334	Remove existing walkway, built-up roofs	SF	\$	0.27
335	Walkway, built-up roofs, desert tan fiberglass	LF	\$	0.40
336	Walkway, built up roofs, non skid	LF	\$	1.96
337	Walkway, single ply roof			
338	30" wide roll goods, tape attached	LF	\$	1.63
339	30" wide roll, hot asphalt attached	LF	\$	1.89
340	30" wide roll, adhesive attached	LF	\$	1.92
341	Roof ventilators	Each	\$	87.30
342	Roof ladder, steel, bolted to concrete, up to 20 feet, without cage	LF	\$	47.27
343	Roof ladder, steel, bolted to concrete, 20 feet and up, with cage; with intermediate landings as required by Code	LF	\$	57.77
344	Roof ladder, security ladder guard	Each	\$	61.69
345	Termination bar, aluminum, 1/4" x 1"	LF	\$	2.77
346	Pitch pocket, 24 gauge, GI, 6" x 6", with storm collar hemmed to outside, soldered corners and seams	Each	\$	116.23
347	Pitch pocket, 24 gauge, GI, 8" x 8", with storm collar, hemmed to outside, soldered corners and seams	Each	\$	127.14
348	Pitch pocket, resurface top only			
349	8" x 8"	Each	\$	4.24
350	12" x 12"	Each	\$	5.13
351	Expansion joint, butyl or neoprene bellows, galvanized flange	LF	\$	19.04
352	Expansion joint, CSPE reinforced	LF	\$	14.70
353	Repair kit for dry repairs	Each	\$	19.64
354	Repair kit for wet repairs	Each	\$	19.64
355	Skylights (price each size and lens combination)			
356	Standard 3' x 5', 4' x 4', 4' x 8' with single clear lenses	SF	\$	12.42
357	Standard 3' x 5', 4' x 4', 4' x 8' with clear double lenses	SF	\$	21.96
358	Skylight lense replacement only, clear	SF	\$	2.94
359	Skylight lense replacement only, double clear	SF	\$	2.94
360	Security/fall bars for skylights			
361	3' x 5'	Each	\$	66.76
362	4' x 4'	Each	\$	66.76
363	4' x 8'	Each	\$	149.23
364	Special sizes	SF	\$	11.08
365	Roof Services			
366	Asbestos core testing and patch of existing roof surface	Each	\$	55.01
367	Core analysis, 14" x 14" and patch of existing roof surface	Each	\$	239.87
368	Non destructive roof scan, up to 50,000 sq ft, full service each	Each	\$	3,209.76
369	Additional foot over 50,000 sq ft	SF	\$	0.04
370	Non destructive roof scan, up to 50,000 sq ft, limited service	Each	\$	1,765.97
371	Additional foot over 50,000 sq ft	Each	\$	0.04
372	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	\$	1,116.70
373	Field/shop drawings, up to 10,000 sq ft	SF	\$	0.02
374	Field/shop drawings, 10,000-50,000 sq ft	SF	\$	0.02
375	Field/shop drawings, over 50,000 sq ft	SF	\$	0.02
376	Prime contractor's warranty, restoration, less than 10,000 per sq ft, minimum charge	Project	\$	400.00
377	Prime contractor's warranty, restoration, over 10,000 sq ft, minimum charge	SF	\$	0.04
378	Prime contractor's warranty, re-roof, total system, 10 year, less than 10,000 sq ft, minimum charge (Standard)	Project	\$	800.00
379	Prime contractor's warranty, re-roof, total system, 10 year, less than 10,000 sq ft, minimum charge (includes 2, 5, 7, 10, 15 year inspections)	Project	\$	1,800.00
380	10 year Restoration Warranty Under 10,000 Square Feet, Inspections in Years 2 & 5	Each	\$	2,000.00
381	10 year Restoration Warranty Over 10,000 Square Feet, Inspections in Years 2 & 5	Each	\$	0.20

382	Prime contractor's warranty, re-roof, total system, 10 year, more than 10,000 sq ft, minimum charge (Standard)	SF	\$	0.08
383	Prime contractor's warranty, re-roof, total system, 10 year, more than 10,000 sq ft, minimum charge (includes 2, 5, 7 & 10 year inspections)	SF	\$	0.20
384	Per diem rate per worker per 24 hour period of time	Day	\$	54.22
385	Prime contractors per diem/costs for asbestos abatement planning	Day	\$	27.60
386	Asbestos abatement activities, BUR removal and disposal of waste	SF	\$	1.56
387	Project site is located 65 or more miles from the contractor's/subcontractor's yard/home location	SF	\$	0.79
388	Asbestos site monitoring	Day	\$	335.35
389	Annual or semi-annual roof housekeeping-per location			
390	Cost once a year per location if less than 20,000 sq. ft.	SF	\$	0.13
391	Cost per Sq.ft. per year per location if greater than 20,000 sq.ft.	SF	\$	0.13
392	Cost semi-annual per location if less than 20,000sq. ft.	SF	\$	0.23
393	Cost per Sq.ft. semi annual per location if greater than 20,000 sq.ft.	SF	\$	0.23
394	Roof leak investigation	Day	\$	585.94
395	Minor roof repair calls	Day	\$	1,230.95
396	Difficult access or fall restriction; surcharge	Each	\$	0.15
397	Excessive hauling	Each	\$	76.51
398	Work in secured areas or compounds; surcharge	Each	\$	0.15
399	Additional and occasional supplies, materials, equipment and services			
400	Additional and occasional services Roofing supplies Discount off Retail Price List	% of Discount		13.70%
401	HVAC: Alternative Methods of Costing -percent of overhead/markup and profit added to cost	% of O/P		20.00%
402	HVAC: Discounts Offered Off Alternative Costing Methods (cost plus profit and overhead) Less Rate of Discount	% of Discount		6.00%
403	HVAC: Multiplier/factor to be applied to the R.S. Means costs	% to be Applied		93.00%
404	Cold and bad weather storage - identify extra cost, if any	Day	\$	0.01
405	Deducts and add-ons for in lieu products			
406	Special rented equipment	Day	\$	(0.14)
407	Cold and bad weather application standards	Day	\$	(0.35)
408	Cold and bad weather safety	Day	\$	2.25
409	Professional Services	Hour	\$	3.09
410	Structural analysis and engineering services	Hour	\$	2.94
411	Weather day's per Diem	Day	\$	(0.08)
412	Architect/professional design services	Hour	\$	0.38
413	Roofing Consultant	Hour	\$	(0.14)
414	Labor Rate for Roofer	Hour	\$	216.55
415	Value Add			
416	Route existing cracks in concrete or masonry	LF	\$	0.81
417	Prepare concrete by Shot blasting	SF	\$	0.24
418	Vertical application of water dispersed VOC compliant silane sealer	SF	\$	1.42
419	Horizontal application of water dispersed VOC compliant silane sealer	SF	\$	0.57
420	Brick, Remove and install new standard brick	Each	\$	31.11
421	EIFS Repair	SF	\$	23.06
422	Cleaning and Application of Elastomeric Waterproof Membrane to exposed Concrete / Masonry Surface	SF	\$	12.35
423	Roof deck insulation, fiberboard in 4' x 4' sheets, 1/2" thick, R-1.39, applied Type IV (or appropriate) asphalt			
424	Cold applications: adhere insulation to primed deck or sub-insulation with a cold adhesive at a rate of 1.5 gallons per 100 sq. ft.	SF	\$	1.23
425	Installation of new Polyisocyanurate insulation			
426	Mechanically attached	BF	\$	1.94
427	Hot adhered	BF	\$	1.69
428	Cold adhered	BF	\$	2.58
429	Installation of New Sloped Roofing Systems			
430	Shingles, Fiberglass, Class A 40-Year Premium Laminated Multilayered Shingles, Slope 3:12 or Greater	SF	\$	2.43
431	Shingles, Fiberglass, Class A 50-Year Premium Laminated Multilayered Shingles, Slope 3:12 or Greater	SF	\$	2.74
432	Install layer of 30 lb. Felt	SF	\$	0.39
433	Synthetic Underlayment	SF	\$	0.50
434	Ridge Vents	LF	\$	6.78
435	TPO 60 mil system installation			
436	Bonding adhesive	SF	\$	5.31
437	Mechanically attached	SF	\$	4.45
438	Liquid Applied Restoration Systems			
439	Built Up Roof Surface w/ Cold Process White Highly Reflective Adhesive and White Marble Gravel	SF	\$	6.00
440	High performance, one part moisture triggered, polyurethane coating system with reinforcement	SF	\$	15.29
441	Two part, bio-based, polyurethane roof coating system	SF	\$	13.46
442	Two part, bio-based, polyurethane roof coating system, non-reinforced	SF	\$	11.79

443	Two-part UV Resistant, Polyurethane Modified Methyl Methacrylate Roof Coating System	SF	\$	13.98
444	Two component, high performance, bio-based, polyurethane built-up roof coating system	SF	\$	18.10
445	Metal Restoration with Acrylic Coating	SF	\$	9.31
446	Metal Restoration with Aluminum Coating	SF	\$	4.87
447	One Part, Silicone Roof Coating	SF	\$	9.72
448	Roof Coating - high solids, waterbased, heavy bodied elastomeric coating formulated with an acrylic latex polymer and utilizes nano technology	SF	\$	4.61
449	Roof Coating - high solids, waterbased, heavy bodied elastomeric coating formulated with an acrylic latex polymer and utilizes nano technology w/polyester reinforcing	SF	\$	5.13
450	Roof Replacement Systems			
451	Single ply roof, Ketone Ethylene Ester, 45 mils fully adhered with bonding adhesive	SF	\$	9.70
452	Single ply roof, Ketone Ethylene Ester, 60 mils fully adhered with bonding adhesive	SF	\$	11.97
453	Flashing membrane, 1 ply fiberglass and 1 ply modified bitumen fire rated	SF	\$	3.86
454	Prime Substrate	SF	\$	0.37
455	Additional Roof Services			
456	Nondestructive (5 x 5) nuclear diagnostics roof scan, up to 50,000 sq. ft.	Each	\$	7,805.76
457	Additional foot over 50,000 sq. ft.	SF	\$	0.20
458	Nondestructive (10 x 10) nuclear diagnostics roof scan, up to 50,000 sq. ft.	Each	\$	4,377.13
459	Additional foot over 50,000 sq. ft.	SF	\$	0.11
460	Disaster Response Repairs	%		20.00%
461	Wet/Dry Vacuum loose aggregate from roof membrane	SF	\$	0.57
462	Sweep loose aggregate, debris from Substrate	SF	\$	0.44
463	Roof Cleaning System	SF	\$	0.42
464	One Tremco Warranty	Quote		Quote
465	2 Year Basic M/L Restoration Warranty Under 10,000 Square Feet	Each	\$	250.00
466	2 Year Basic M/L Restoration Warranty Over 10,000 Square Feet	SF	\$	0.03
467	10/12 Year Basic M/L Restoration Warranty Under 10,000 Square Feet	Each	\$	500.00
468	10/12 Year Basic M/L Restoration Warranty Over 10,000 Square Feet	SF	\$	0.05
469	15 Year Basic M/L Restoration Warranty Under 10,000 Square Feet	Each	\$	800.00
470	15 Year Basic M/L Restoration Warranty Over 10,000 Square Feet	SF	\$	0.08
471	20 Year Basic M/L Restoration Warranty Under 10,000 Square Feet	Each	\$	1,200.00
472	20 Year Basic M/L Restoration Warranty Over 10,000 Square Feet	SF	\$	0.12
473	5 year Restoration Warranty Under 10,000 Square Feet, Inspections In Years 2	Each	\$	1,000.00
474	5 year Restoration Warranty Over 10,000 Square Feet, Inspections In Years 2	SF	\$	0.10
475	10 year Restoration Warranty Under 10,000 Square Feet, Standard	Each	\$	800.00
476	10 year Restoration Warranty Over 10,000 Square Feet, Standard	SF	\$	0.08
477	12 Year Restoration Warranty Under 10,000 Square Feet, Standard	Each	\$	1,000.00
478	12 Year Restoration Warranty Over 10,000 Square Feet, Standard	SF	\$	0.10
479	12 Year Restoration Warranty Under 10,000 Square Feet, Inspections In Years 2, 5 & 10	Each	\$	2,400.00
480	12 Year Restoration Warranty Over 10,000 Square Feet Inspections In Years 2, 5 & 10	SF	\$	0.24
481	15 year Restoration Warranty Under 10,000 Square Feet, Inspections in Years 2, 5, 10 & 15	Each	\$	3,000.00
482	15 year Restoration Warranty Over 10,000 Square Feet, Inspections in Years 2, 5, 10 & 15	SF	\$	0.30
483	Warranty 15 year option roofs under 10,000 sq ft minimum charge (Standard)	Each	\$	1,200.00
484	Warranty 15 year option roofs over 10,000 sq ft minimum charge (Standard)	SF	\$	0.12
485	Warranty 15 year option roofs under 10,000 Square Feet Inspections In Years 2, 5 & 10	Each	\$	3,000.00
486	Warranty 15 year option roofs over 10,000 sq ft with inspections year 2, 5 & 10	SF	\$	0.30
487	20 Restoration Warranty Under 10,000 Square Feet Inspections In Years 2, 5, 10 & 15	Each	\$	4,000.00
488	20 Restoration Warranty Over 10,000 Square Feet Inspections In Years 2, 5, 10 & 15	SF	\$	0.40
489	20 Restoration Warranty Under 10,000 Square Feet (Standard)	Each	\$	1,600.00
490	20 Restoration Warranty Over 10,000 Square Feet (Standard)	SF	\$	0.16
491	20 Year Replacement Warranty Under 10,000 Square Feet Inspections In Years 2, 5, 10 & 15	Each	\$	4,000.00
492	20 Year Replacement Warranty Over 10,000 Square Feet Inspections In Years 2, 5, 10 & 15	SF	\$	0.40
493	20 year Replacement Warranty Under 10,000 Square Feet, Inspections in years 2, 5, 10, and 15, no maintenance	Each	\$	1,600.00
494	20 year Replacement Warranty Over 10,000 Square Feet, Inspections in years 2, 5, 10, and 15, no maintenance	SF	\$	0.16
495	25 Restoration Warranty Under 10,000 Square Feet (Standard)	Each	\$	2,000.00
496	25 Restoration Warranty Over 10,000 Square Feet (Standard)	SF	\$	0.20
497	25 Restoration Warranty Under 10,000 Square Feet Inspections In Years 2, 5, 10 & 15	Each	\$	5,000.00
498	25 Restoration Warranty Over 10,000 Square Feet Inspections In Years 2, 5, 10 & 15	SF	\$	0.50
499	25 Year Replacement Warranty Under 10,000 Square Feet Inspections In Years 2, 5, 10 & 15	Each	\$	5,000.00
500	25 Year Replacement Warranty Over 10,000 Square Feet Inspections In Years 2, 5, 10 & 15	SF	\$	0.50
501	25 year Replacement Warranty Under 10,000 Square Feet, Inspections in years 2, 5, 10, and 15, (Standard)	Each	\$	2,000.00
502	25 year Replacement Warranty Over 10,000 Square Feet, Inspections in years 2, 5, 10, and 15, (Standard)	SF	\$	0.20
503	30 year Replacement Warranty Under 10,000 Square Feet, Inspections in years 2, 5, 10, and 15, (Standard)	Each	\$	2,400.00
504	30 year Replacement Warranty Over 10,000 Square Feet, Inspections in years 2, 5, 10, and 15, (Standard)	SF	\$	0.24
505	30 year Replacement Warranty Under 10,000 Square Feet, Inspections in Years 2, 5, 10, 15, 20, 25 & 30	Each	\$	6,000.00

506	30 year Replacement Warranty Over 10,000 Square Feet, Inspections in years 2, 5, 10, and 15, (Standard)	SF	\$ 0.60
507	30 Restoration Warranty Under 10,000 Square Feet (Standard)	Each	\$ 2,400.00
508	30 Restoration Warranty Over 10,000 Square Feet (Standard)	SF	\$ 0.24
509	30 Restoration Warranty Under 10,000 Square Feet Inspections In Years 2, 5, 10, 15, 20 & 25	Each	\$ 6,000.00
510	30 Restoration Warranty Over 10,000 Square Feet Inspections In Years 2, 5, 10, 15, 20 & 25	SF	\$ 0.60
511	Warranty Extension 5 yr 5,000 sf or less	Each	\$ 3,499.99
512	Warranty Renewal 5 yr 5,000 sf or less	Each	\$ 3,949.99
513	Warranty Extension 5 yr 5,001 sf -19,999 sf	Each	\$ 4,999.99
514	Warranty Renewal 5 yr 5,001 sf-19,999 sf	Each	\$ 5,699.99
515	Warranty Extension 5 yr 20,000 sf-49,999 sf	SF	\$ 0.24
516	Warranty Renewal 5 yr 20,000 sf-49,999 sf	SF	\$ 0.29
517	Warranty Extension 5 yr 50,000 sf - 99,999 sf	SF	\$ 0.24
518	Warranty Renewal 5 yr 50,000 sf - 99,999 sf	SF	\$ 0.24
519	Warranty Extension 5 yr 100,000 sf and greater	SF	\$ 0.14
520	Warranty Renewal 5 yr 100,000 sf and greater	SF	\$ 0.19
521	Mileage rate	Mile	\$ 0.58
522	Multiplier/factor to be applied to the R.S. Means costs for the National Cooperative Contractor Network	%	93.00%
523	Multiplier - Building height is greater than 2 stories; equal to or less than 5 stories	Multiplier	1.21
524	Multiplier - Building height is greater than 5 stories; less equal to or less than 10 stories	Multiplier	1.52
525	Multiplier - Building height is greater than 10 stories	Multiplier	2.17
526	Multiplier - Roof has a large amount of penetrations and roof top obstructions	Multiplier	1.73
527	Multiplier - Roof is considered non-standard architecture or has a slope of up to or greater than 3:12	Multiplier	2.17
528	Multiplier - Area is greater than or equal to 10,000 and under 20,000 square feet	%	15.00%
529	Multiplier - Area is greater than or equal to 7,000 and under 10,000 square feet	%	18.00%
530	Multiplier - Area is greater than or equal to 5,000 and under 7,000 square feet	%	20.00%
531	Multiplier - Area greater than or equal to 3,000 and under 5,000 square feet	%	25.00%
532	Multiplier - Area is greater than 1,000 and under 3,000 Square feet	%	28.00%
533	Multiplier - Area is less than or equal to 1,000 square feet	%	30.00%
534	Multiplier- City, town or county permit fee for construction project local to members location	Multiplier	1.02
535	Multiplier - Working in Metro or Urban areas	Multiplier	1.2
536	Multiplier - Limited/Obstructed/Difficult Roof/Building Access	Multiplier	1.5
537	Construction Distributor Material For Repair Work	Multiplier	1.15
538	Emergency Leak Repair per 1/2 Man Day	Each	\$ 982.79
539	Building/Construction Superintendent	Hour	\$ 196.03
540	Building/Construction Manager	Hour	\$ 228.75
541	Consulting	Hour	\$ 71.40
542	Design & Investigation Services	Hour	\$ 197.92
543	Engineering Electrical	Hour	\$ 104.96
544	Engineering Mechanical	Hour	\$ 104.96
545	Design	Hour	\$ 111.21
546	Installer	Hour	\$ 178.12
547	Tradesman	Hour	\$ 178.12
548	Crew Supervision	Hour	\$ 120.60
549	General Labor	Hour	\$ 164.65
550	Training	Hour	\$0.00
551	DESCRIPTION OF COST FACTORS FROM TABLE F-2		
552	Per diem rate - meals and lodging per 24 hour period	Day	\$ 154.70
553	Performance and payment bond - bonding rate (percent of project)	%	0.50%
554	Bonding capacity - total amount of capacity available	\$	\$ 400,000,000.00
555	Alternative methods of costing - percent of overhead/markup to cost	%	20.00%
556	Discounts offered of alternative costing methods (cost + profit & overhead) Rate of discount	%	6.00%
557	R.S. Means Multiplier/Factor - Normal Hours - Non-Prevailing Wage Rates	%	91.00%
558	R.S. Means Multiplier/Factor - Out Side of Normal Hours - Non-Prevailing Wage Rates	%	96.00%
559	R.S. Means Multiplier/Factor - Normal Hours - Prevailing Wage Rates	%	93.00%
560	R.S. Means Multiplier/Factor - Out Side of Normal Hours - Prevailing Wage Rates	%	97.00%
561	Building Envelope: Multiplier/factor to be applied to the R.S. Means costs	% to be Applied	93.00%
562	Work outside of the continental United State; Coefficient add	%	25.00%
563	AIR BARRIER LINE ITEMS		
564	Foam Roof/Wall Intersection - Under 20'	LF	\$ 13.96
565	Foam Roof/Wall Intersection - Over 20'	LF	\$ 16.49
566	Seal roof top exhaust fan curb mountings	Each	\$ 93.06
567	Adding foam board as a filler in large openings, ie: above soffits	LF	\$ 29.08
568	Interior miscellaneous foam application - Under 20'	LF	\$ 11.64
569	Weatherstrip and install sweep - single commercial door	Set	\$ 327.18
570	Weatherstrip and install sweep - double commercial door	Set	\$ 654.36
571	Seal Mechanical Rooms (With wall / roof pipe projections)	Each	\$ 605.88
572	Seal individual plumbing, pipe or duct	Each	\$ 60.58
573	Seal Windows (exterior only, sub-k must provide estimate)	LF	\$ 14.54

574	Weatherstrip operable wood or aluminum windows with replacement finseal pile or foam tape or vinyl "V" strips	LF	\$	5.15
575	Weatherstrip steel frame and sash windows with in-situ silicone gasket. 2 trips required	LF	\$	11.75
576	Interior caulking of window and door frames with clear paintable caulk	LF	\$	2.67
577	Miscellaneous Interior caulking with clear paintable caulk	LF	\$	2.67
578	Weatherstrip Overhead Garage Doors (12' x12') 48' LF w/rubber fins on bottom. Install face mounted leaf seal product to the bottom face of the door as the thresholds on doors (concrete)	Unit	\$	1,163.28
579	Blower Door Testing	Day	\$	9,694.04
580	Thermography inspection performed during final test and thermography inspection. (Based on 60,000 sq ft. elementary school)	Day	\$	4,847.02
581	Blower Door Directed Air Sealing - Supervision Only	Day	\$	3,635.27
582	Building Envelope Assessment	Day	\$	7,270.53
583	IAQ Services			
584	HVAC Air Handling Unit Hygiene & Condition Assessment			
585	Five (5) Air Handlers or less	Each	\$	6,783.00
586	Each additional Air Handler over five (5)	Unit	\$	1,130.50
587	HVAC Air Handling Unit Hygiene & Condition Assessment Plus Performance Testing of the Unit			
588	Two (2) Air Handlers or less	Each	\$	5,652.50
589	Each additional Air Handler	Unit	\$	2,261.00
590	Ductwork Hygiene Assessment			
591	Five (5) Representative Duct access locations or less	Each	\$	6,783.00
592	Each additional Duct access location over five (5)	Unit	\$	1,130.50
593	Additional Laboratory Sampling	Each	\$	56.53
594	Building Health Check - Indoor Air Quality Investigation			
595	10,000 sq ft or less	Each	\$	6,783.00
596	Each additional sq ft over 10,000 sq ft	SF	\$	0.35
597	Additional Laboratory Sampling	Each	\$	169.58
598	Fan Array Retrofit			
599	Fan Array Optimization and Redundancy Installation			
600	<10,000 CFM Unit	CFM	\$	19.55
601	>10,000 CFM Unit	CFM	\$	10.95
602	Fan Array Material, cost per CFM will depend upon engineering, design, total CFM, static pressure, # fans, amps/volts, size of bulkhead wall, etc.	CFM (Material Only)	\$	6.91
603	Decontamination Services			
604	Decon Handheld Duct Foggers, daily rate per Units, per Days	Day	\$	57.58
605	Decon Handheld Duct Foggers, weekly rate per Units, per Weeks	Week	\$	179.98
606	Decon ESS Tank Foggers, daily rate per Units, per Days	Day	\$	107.98
607	Decon ESS Tank Foggers, weekly rate per Units, per Weeks	Week	\$	539.95
608	Decon sanitizer, daily rate per Units, per Days	Day	\$	107.98
609	Decon sanitizer, weekly rate per Units, per Weeks	Week	\$	539.95
610	IAQ Field Work and Report Writing			
611	IAQ Diagnostic Tech	Hour	\$	167.79
612	HVAC/IAQ Specialist	Hour	\$	168.16
613	Admin Support Technical	Hour	\$	77.34
614	IAQ HVAC Professional Engineer (PE)	Hour	\$	215.99
615	Video Photo			
616	Infrared Camera, daily rate per Units, per Days	Day	\$	359.98
617	Infrared Camera, weekly rate per Units, per Weeks	Week	\$	1,727.88
618	Duct Cleaning			
619	Duct Cleaning - no encapsulation	LF	\$	23.19
620	Duct Cleaning encapsulation	LF	\$	32.71
621	Hygienic Disinfection Steam Cleaning	SF	\$	55.39
622	Anti-Microbial Coating			
623	Anti-Viral, Anti-Microbial Chemical Unit Casing Coating	SF	\$	64.64
624	Zero-Porosity HVAC Insulation System--Non-Wicking Installed	SF	\$	32.32
625	Anti-Viral, Anti-Microbial Liner 2.0 Drain Pan Treatment (>20 sf)	SF	\$	35.11
626	Anti-Viral, Anti-Microbia Liner 2.0 Drain Pan Treatment (<20 sf)	SF	\$	49.98
627	Other			
628	Portable Containment Cubes per Units, per Days	Day	\$	327.25
629	Portable Containment Cubes per Units, per Weeks	Week	\$	1,963.50
630	Terminal Unit, Reheat Coil, or Fan Coil Cleaning	SF	\$	1,810.91
631	Coil Replacement	Each	\$	32.32
632	Negative Air Machine - 5-6K CFM, daily rate per Units, per Days	Day	\$	83.88
633	Negative Air Machine - 5-6K CFM, weekly rate per Units, per Weeks	Week	\$	386.74
634	DUE TO LEGISLATION CHANGES IN CALIFORNIA THE RATES ARE AS FOLLOWS FOR THE FOLLOWING LINES:			
635	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	\$	1,116.70
636	Roof leak investigation	Day	\$	585.94

637	Minor roof repair calls	Day	\$ 1,230.95
638	Labor Rate for Roofer	Hour	\$ 216.55
639	Building / Construction Inspector	Hour	\$ 185.31
640	Roof Inspector	Hour	\$ 216.25
641	Consulting	Hour	\$ 75.00
642	Design	Hour	\$ 111.25
643	Installer	Hour	\$ 187.10
644	Tradesman	Hour	\$ 187.10
645	Engineering (Electrical)	Hour	\$ 105.00
646	Engineering (Mechanical)	Hour	\$ 105.00
647	Crew Supervision	Hour	\$ 120.60
648	General Labor	Hour	\$ 164.65
649	Training	Hour	\$0.00