

BID 22M2
UNIT PRICE CONTRACT FOR ROOF REPLACEMENT/REPAIR

FACT SHEET

A. **Overview:** This recommendation is to establish a unit price contract for small roof replacement and repair projects. Bids were opened on May 18, 2022.

1. **Bid participation:**

16 Bids downloaded
4 companies submitted a bid

2. **Bids were received from:**

CitiRoof Corporation (Columbia, MD)
Dynamic General Contracting, LLC (Millersville, MD)
Heidler Roofing Services, Inc. (Hagerstown, MD)
Simpson Unlimited Inc. (Manassas, VA)

3. **Other Facts:**

- This contract will be effective from the date of award through June 30, 2024, with two additional two-year renewal options available.
- The contractor shall furnish all labor, supervision, materials and any incidentals necessary to repair and or replace roof sections of any building within the Frederick County Public School System. Work may be done on an emergency basis due to leaks or damage, or may be a planned roof replacement/repair project.
- Pricing was requested in terms of a cost per unit of labor and/or materials, and will be combined to produce a complete and finished product.
- This is an open requirements contract, with no guarantee of any work.
- The contract will be administered by Gary Barkdoll, Manager of Maintenance Projects and Grounds, Maintenance Department.

4. **Source of Funding:** FY23 Approved Operating Budget and contingent upon Board approval of FY24 and FY25 Operating Budget.

B. **Recommendation:** Staff recommends that Bid 22M2, Unit Price Contract for Roof Replacement/Repair, be awarded to Heidler Roofing Services, Inc. and Simpson Unlimited, Inc. per the attached Bid Tabulation.

C. **Action taken by the Board (Purchasing use only):**

☒ _X_ Approved	☐ _ Denied	☐ _ Deferred	☐ _ Other	KM/sg
☐ _08.10.22 Date	☐ _ Date	☐ _ Date	☐ _ Date	BOE Meeting: 08.10.22

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BID TABULATION

Line Item	Description	Unit of Measure	Quantity/Size	CitiRoof Unit Price	Dynamic General Contracting Unit Price	Heidler Roofing Services Unit Price	Simpson Unlimited, Inc. Unit Price
1	Type VI & Modified Roof System Repair	Per SF	1-500 SF	\$ 46.57	\$ 45.00	\$ 30.00	\$ 17.00
1	Type VI & Modified Roof System Repair	Per SF	501-1000 SF	\$ 44.82	\$ 45.00	\$ 30.00	\$ 15.00
1	Type VI & Modified Roof System Repair	Per SF	1001 SF +	\$ 42.56	\$ 45.00	\$ 30.00	\$ 14.00
1A	Temporary Flashing Procedure	Per LF	1-50 LF	\$ 32.45	\$ 25.00	\$ 32.00	\$ 8.83
1A	Temporary Flashing Procedure	Per LF	51-200 LF	\$ 30.50	\$ 25.00	\$ 32.00	\$ 8.83
1A	Temporary Flashing Procedure	Per LF	201 LF +	\$ 30.12	\$ 25.00	\$ 32.00	\$ 8.83
2	Roof Reinforcement System Smooth Surface	Per SF	1-500 SF	\$ 18.65	\$ 30.00	\$ 19.00	\$ 6.93
2	Roof Reinforcement System Smooth Surface	Per SF	501-1000 SF	\$ 17.53	\$ 30.00	\$ 18.50	\$ 5.70
2	Roof Reinforcement System Smooth Surface	Per SF	1001 SF +	\$ 17.09	\$ 30.00	\$ 18.00	\$ 5.70
3	Roof Restoration - Asphalt	Per SF	1-500 SF	\$ 40.67	\$ 28.00	\$ 20.00	\$ 12.00
3	Roof Restoration - Asphalt	Per SF	501-1000 SF	\$ 39.49	\$ 28.00	\$ 20.00	\$ 10.00
3	Roof Restoration - Asphalt	Per SF	1001 SF +	\$ 36.77	\$ 28.00	\$ 20.00	\$ 9.50
4A	Roof Restoration - Tar	Per SF	1-500 SF	\$ 39.54	\$ 29.00	\$ 25.00	\$ 5.50
4A	Roof Restoration - Tar	Per SF	501-1000 SF	\$ 38.60	\$ 29.00	\$ 25.00	\$ 5.50
4A	Roof Restoration - Tar	Per SF	1001 SF +	\$ 38.10	\$ 29.00	\$ 25.00	\$ 5.50
4B	Roof Restoration - Spray Polyurethane	Per SF	1-500 SF	\$ 110.00	\$ 50.00	\$ 50.00	\$ 25.00
4B	Roof Restoration - Spray Polyurethane	Per SF	501-1000 SF	\$ 120.00	\$ 50.00	\$ 50.00	\$ 23.00
4B	Roof Restoration - Spray Polyurethane	Per SF	1001 SF +	\$ 140.00	\$ 50.00	\$ 50.00	\$ 20.00
4C	Roof Restoration - Acrylic Elastomeric	Per SF	1-500 SF	\$ 19.54	\$ 35.00	\$ 20.00	\$ 8.50
4C	Roof Restoration - Acrylic Elastomeric	Per SF	501-1000 SF	\$ 19.00	\$ 35.00	\$ 20.00	\$ 7.00
4C	Roof Restoration - Acrylic Elastomeric	Per SF	1001 SF +	\$ 18.77	\$ 35.00	\$ 20.00	\$ 6.50
5	Blister Holes & Ridge Repairs - Asphalt	Per SF	Per SF	\$ 18.25	\$ 30.00	\$ 14.50	\$ 27.00
6	Blister Holes & Ridge Repairs - Tar	Per SF	Per SF	\$ 18.09	\$ 30.00	\$ 25.00	\$ 27.00
7	Roof Repairs (Breaks, Splits & Tears)	Per SF	Per SF	\$ 44.37	\$ 29.00	\$ 15.00	\$ 27.00
8	Flashing Repair & Reinforcement	Per LF	1-50 LF	\$ 89.98	\$ 35.00	\$ 32.25	\$ 47.00
8	Flashing Repair & Reinforcement	Per LF	51-100 LF	\$ 86.27	\$ 35.00	\$ 32.25	\$ 43.60
8	Flashing Repair & Reinforcement	Per LF	101 LF +	\$ 84.45	\$ 35.00	\$ 32.25	\$ 40.00
9	Gravel Stop-Metal Edge Reinforcement	Per LF	1-50 LF	\$ 89.96	\$ 320.00	\$ 25.75	\$ 31.00
9	Gravel Stop-Metal Edge Reinforcement	Per LF	51-100 LF	\$ 89.02	\$ 320.00	\$ 25.75	\$ 31.00
9	Gravel Stop-Metal Edge Reinforcement	Per LF	101 LF +	\$ 79.88	\$ 320.00	\$ 25.75	\$ 29.00
10	Extruded Aluminum Fascia TremLine	Per LF	1-50 LF	\$ 432.00	\$ 420.00	\$ 85.00	\$ 75.00

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10	Extruded Aluminum Fascia TremLine	Per LF	51-100 LF	\$ 429.00	\$ 420.00	\$ 85.00	\$ 50.00
10	Extruded Aluminum Fascia TremLine	Per LF	101 LF+	\$ 425.00	\$ 420.00	\$ 85.00	\$ 50.00
11	Metal Fascia/Raised Extended Wood	Per LF	1-50 LF	\$ 301.98	\$ 425.00	\$ 44.25	\$ 74.00
11	Metal Fascia/Raised Extended Wood	Per LF	51-100 LF	\$ 304.16	\$ 425.00	\$ 42.75	\$ 72.00
11	Metal Fascia/Raised Extended Wood	Per LF	101 LF +	\$ 304.00	\$ 425.00	\$ 41.25	\$ 70.00
12	Metal Fascia/Raised Extended Metal	Per LF	1-50 LF	\$ 335.40	\$ 430.00	\$ 44.25	\$ 72.00
12	Metal Fascia/Raised Extended Metal	Per LF	51-100 LF	\$ 334.09	\$ 430.00	\$ 42.75	\$ 70.00
12	Metal Fascia/Raised Extended Metal	Per LF	101 LF +	\$ 333.88	\$ 430.00	\$ 41.25	\$ 68.00
13	Gravel Stop/Low Profile	Per LF	1-50 LF	\$ 308.00	\$ 220.00	\$ 36.25	\$ 75.00
13	Gravel Stop/Low Profile	Per LF	51-100 LF	\$ 306.00	\$ 220.00	\$ 34.75	\$ 75.00
13	Gravel Stop/Low Profile	Per LF	101 LF +	\$ 305.40	\$ 220.00	\$ 33.25	\$ 73.00
14	New Counterflashing on Masonry Wall - Install 6"	Per LF	6"	\$ 294.00	\$ 350.00	\$ 43.50	\$ 42.00
14	New Counterflashing on Masonry Wall - Install 12"	Per LF	12"	\$ 322.00	\$ 350.00	\$ 48.00	\$ 46.35
14	New Counterflashing on Masonry Wall - Install 18"	Per LF	18"	\$ 391.00	\$ 350.00	\$ 52.50	\$ 48.00
14	New Counterflashing on Masonry Wall - Install 24"	Per LF	24"	\$ 448.00	\$ 350.00	\$ 57.00	\$ 54.00
15	Existing Counterflashing on Masonry Wall - Repair 6"	Per LF	6"	\$ 221.00	\$ 250.00	\$ 33.00	\$ 38.00
15	Existing Counterflashing on Masonry Wall - Repair 12"	Per LF	12"	\$ 244.00	\$ 250.00	\$ 36.00	\$ 41.00
15	Existing Counterflashing on Masonry Wall - Repair 18"	Per LF	18"	\$ 289.00	\$ 250.00	\$ 39.00	\$ 52.00
15	Existing Counterflashing on Masonry Wall - Repair 24"	Per LF	24"	\$ 302.00	\$ 250.00	\$ 42.00	\$ 61.00
16	Install New Metal Counterflashing on Masonry Wall w/Concrete Coping Stone 6"	Per LF	6"	\$ 272.70	\$ 1,000.00	\$ 51.00	\$ 41.00
16	Install New Metal Counterflashing on Masonry Wall w/Concrete Coping Stone 12"	Per LF	12"	\$ 294.00	\$ 1,000.00	\$ 55.00	\$ 50.00
16	Install New Metal Counterflashing on Masonry Wall w/Concrete Coping Stone 18"	Per LF	18"	\$ 312.00	\$ 1,000.00	\$ 59.00	\$ 59.00
16	Install New Metal Counterflashing on Masonry Wall w/Concrete Coping Stone 24"	Per LF	24"	\$ 331.00	\$ 1,000.00	\$ 63.00	\$ 68.00
17	Install New Metal Counterflashing on Masonry Wall w/Tile Coping 6"	Per LF	6"	\$ 314.00	\$ 950.00	\$ 54.00	\$ 48.00
17	Install New Metal Counterflashing on Masonry Wall w/Tile Coping 12"	Per LF	12"	\$ 327.00	\$ 950.00	\$ 58.00	\$ 57.00
17	Install New Metal Counterflashing on Masonry Wall w/Tile Coping 18"	Per LF	18"	\$ 334.00	\$ 950.00	\$ 64.00	\$ 68.00
17	Install New Metal Counterflashing on Masonry Wall w/Tile Coping 24"	Per LF	24"	\$ 360.00	\$ 950.00	\$ 70.00	\$ 75.00
18	Install New Metal Counterflashing on Masonry Wall w/Metal Coping Cap 6"	Per LF	6"	\$ 308.00	\$ 3,000.00	\$ 38.00	\$ 47.00
18	Install New Metal Counterflashing on Masonry Wall w/Metal Coping Cap 12"	Per LF	12"	\$ 316.00	\$ 3,000.00	\$ 41.75	\$ 66.00
18	Install New Metal Counterflashing on Masonry Wall w/Metal Coping Cap 18"	Per LF	18"	\$ 324.00	\$ 3,000.00	\$ 46.25	\$ 75.00
18	Install New Metal Counterflashing on Masonry Wall w/Metal Coping Cap 24"	Per LF	24"	\$ 340.00	\$ 3,000.00	\$ 50.75	\$ 84.00
19	Install New Abutment Wall Slip Flashing Under Metal Siding	Per LF	1-50 LF	\$ 319.00	\$ 340.00	\$ 36.75	\$ 65.70
19	Install New Abutment Wall Slip Flashing Under Metal Siding	Per LF	51-100 LF	\$ 332.00	\$ 340.00	\$ 35.25	\$ 65.70

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19	Install New Abutment Wall Slip Flashing Under Metal Siding	Per LF	101 LF +	\$ 356.00	\$ 340.00	\$ 33.75	\$ 65.70
20A	Remove Coping Stones, Rebed and Recaulk Joints	Per LF	1-50 LF	\$ 99.00	\$ 650.00	\$ 96.00	\$ 110.00
20A	Remove Coping Stones, Rebed and Recaulk Joints	Per LF	51-100 LF	\$ 98.00	\$ 650.00	\$ 94.00	\$ 105.00
20A	Remove Coping Stones, Rebed and Recaulk Joints	Per LF	101LF +	\$ 97.00	\$ 650.00	\$ 92.00	\$ 100.00
20B	Seal Coping Stones w/ Clear Water Proof "Breathable" Sealer	Per LF	1-50 LF	\$ 13.90	\$ 280.00	\$ 10.00	\$ 12.00
20B	Seal Coping Stones w/ Clear Water Proof "Breathable" Sealer	Per LF	51-100 LF	\$ 12.40	\$ 280.00	\$ 10.00	\$ 11.00
20B	Seal Coping Stones w/ Clear Water Proof "Breathable" Sealer	Per LF	101 LF +	\$ 12.10	\$ 280.00	\$ 10.00	\$ 10.00
20C	Sand Blast Coping Stones, Clean Out Caulk Joint, Recaulk & Seal Stone w /Clear "Breathable" Sealer	Per LF	1-50 LF	\$ 86.00	\$ 450.00	\$ 40.00	\$ 160.00
20C	Sand Blast Coping Stones, Clean Out Caulk Joint, Recaulk & Seal Stone w /Clear "Breathable" Sealer	Per LF	51-100 LF	\$ 85.00	\$ 450.00	\$ 40.00	\$ 155.00
20C	Sand Blast Coping Stones, Clean Out Caulk Joint, Recaulk & Seal Stone w /Clear "Breathable" Sealer	Per LF	101 LF +	\$ 83.00	\$ 450.00	\$ 40.00	\$ 150.00
21A	Masonry Repointing and Waterproofing	Per SF	1-500SF	\$ 32.38	\$ 70.00	\$ 37.50	\$ 30.00
21A	Masonry Repointing and Waterproofing	Per SF	501-1000 SF	\$ 30.86	\$ 70.00	\$ 37.50	\$ 25.00
21A	Masonry Repointing and Waterproofing	Per SF	1001-5000 SF	\$ 29.14	\$ 70.00	\$ 37.50	\$ 20.00
21A	Masonry Repointing and Waterproofing	Per SF	5001 SF +	\$ 29.01	\$ 70.00	\$ 37.50	\$ 20.00
21B	Remove Brick and Replace Counter Flashing in Parapet or Regular Wall Reinstall Weep Holes	Per SF	1-500 SF	\$ 151.00	\$ 180.00	\$ 337.50	\$ 146.00
21B	Remove Brick and Replace Counter Flashing in Parapet or Regular Wall Reinstall Weep Holes	Per SF	501-1000 SF	\$ 150.00	\$ 180.00	\$ 337.50	\$ 145.00
21B	Remove Brick and Replace Counter Flashing in Parapet or Regular Wall Reinstall Weep Holes	Per SF	1001-5000 SF	\$ 149.00	\$ 180.00	\$ 337.50	\$ 142.00
21B	Remove Brick and Replace Counter Flashing in Parapet or Regular Wall Reinstall Weep Holes	Per SF	5001 SF +	\$ 134.00	\$ 180.00	\$ 337.50	\$ 140.00
22	Reglet Joint Repairs	Per LF	1-50 LF	\$ 32.50	\$ 190.00	\$ 15.00	\$ 12.00
22	Reglet Joint Repairs	Per LF	51-1000 LF	\$ 30.45	\$ 190.00	\$ 15.00	\$ 10.00
22	Reglet Joint Repairs	Per LF	1001 LF +	\$ 29.86	\$ 190.00	\$ 15.00	\$ 8.00
23	New Expansion Joint	Per LF	1-50 LF	\$ 347.00	\$ 720.00	\$ 87.00	\$ 132.00
23	New Expansion Joint	Per LF	51-100 LF	\$ 344.00	\$ 720.00	\$ 87.00	\$ 80.00
23	New Expansion Joint	Per LF	101 LF +	\$ 342.00	\$ 720.00	\$ 87.00	\$ 77.00
24	Install New Pitch	Each	Each	\$ 1,600.00	\$ 450.00	\$ 262.50	\$ 750.00
24B	Repair Existing Pitch Pocket	Each	Each	\$ 1,495.00	\$ 280.00	\$ 262.50	\$ 350.00
25	Repair Existing Soil Stack	Each	Each	\$ 1,500.00	\$ 280.00	\$ 262.50	\$ 350.00
26	Install New Scupper Box	Each	Each	\$ 2,600.00	\$ 420.00	\$ 450.00	\$ 2,200.00

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27	Install New Interior Drains 4"	4" Each	4" Each	\$ 2,450.00	\$ 3,800.00	\$ 1,300.00	\$ 4,200.00
27	Install New Interior Drains 6"	6" Each	6" Each	\$ 2,600.00	\$ 4,000.00	\$ 1,400.00	\$ 4,600.00
27	Install New Interior Drains 8"	8" Each	8" Each	\$ 2,800.00	\$ 4,500.00	\$ 1,500.00	\$ 5,200.00
28	Repair Existing Interior Drain	Each	Each	\$ 1,895.00	\$ 1,200.00	\$ 750.00	\$ 2,600.00
29A	Single Ply Membrane Repair - EPDM	Per SF	1-200 SF	\$ 22.92	\$ 25.00	\$ 15.00	\$ 18.00
29A	Single Ply Membrane Repair - EPDM	Per SF	201-500 SF	\$ 22.69	\$ 25.00	\$ 15.00	\$ 6.50
29A	Single Ply Membrane Repair - EPDM	Per SF	501-1000 SF	\$ 22.30	\$ 25.00	\$ 15.00	\$ 5.25
29B	Single Ply Membrane Repair - Hypalon	Per SF	1-200 SF	\$ 48.43	\$ 30.00	\$ 25.25	\$ 16.50
29B	Single Ply Membrane Repair - Hypalon	Per SF	201-500 SF	\$ 46.56	\$ 30.00	\$ 25.00	\$ 5.25
29B	Single Ply Membrane Repair - Hypalon	Per SF	501-1000 SF	\$ 46.09	\$ 30.00	\$ 24.50	\$ 4.00
29C	Single Ply Membrane Repair - PIB	Per SF	1-200 SF	\$ 48.43	\$ 50.00	\$ 24.00	\$ 19.00
29C	Single Ply Membrane Repair - PIB	Per SF	201-500 SF	\$ 46.56	\$ 50.00	\$ 23.00	\$ 6.50
29C	Single Ply Membrane Repair - PIB	Per SF	501-1000 SF	\$ 46.09	\$ 50.00	\$ 22.00	\$ 5.25
29D	Single Ply Membrane Repair - PVC	Per SF	1-200 SF	\$ 18.16	\$ 35.00	\$ 18.00	\$ 16.50
29D	Single Ply Membrane Repair - PVC	Per SF	201-500 SF	\$ 17.50	\$ 35.00	\$ 18.00	\$ 5.25
29D	Single Ply Membrane Repair - PVC	Per SF	501-1000 SF	\$ 17.00	\$ 35.00	\$ 18.00	\$ 4.00
29E	Single Ply Membrane Repair - TPO	Per SF	1-200 SF	\$ 17.54	\$ 28.00	\$ 18.00	\$ 18.50
29E	Single Ply Membrane Repair - TPO	Per SF	201-500 SF	\$ 17.50	\$ 28.00	\$ 18.00	\$ 5.25
29E	Single Ply Membrane Repair - TPO	Per SF	501-1000 SF	\$ 17.02	\$ 28.00	\$ 18.00	\$ 4.00
30A	Single Ply Membrane - EPDM	Per SF	1-200 SF	\$ 34.00	\$ 30.00	\$ 18.00	\$ 24.00
30A	Single Ply Membrane - EPDM	Per SF	201-500 SF	\$ 33.10	\$ 30.00	\$ 17.50	\$ 13.00
30A	Single Ply Membrane - EPDM	Per SF	501-1000 SF	\$ 33.00	\$ 30.00	\$ 16.50	\$ 12.00
30B	Single Ply Membrane - PVC	Per SF	1-200 SF	\$ 33.00	\$ 35.00	\$ 19.00	\$ 23.00
30B	Single Ply Membrane - PVC	Per SF	201-500 SF	\$ 32.80	\$ 35.00	\$ 18.50	\$ 12.00
30B	Single Ply Membrane - PVC	Per SF	501-1000 SF	\$ 32.30	\$ 35.00	\$ 17.50	\$ 11.00
30C	Single Ply Membrane - TPO	Per SF	1-200 SF	\$ 32.40	\$ 32.00	\$ 18.00	\$ 26.00
30C	Single Ply Membrane - TPO	Per SF	201-500 SF	\$ 32.00	\$ 32.00	\$ 17.50	\$ 12.00
30C	Single Ply Membrane - TPO	Per SF	501-1000 SF	\$ 31.98	\$ 32.00	\$ 16.50	\$ 11.00
31	Two Way Vents	Each	Each	\$ 850.00	\$ 120.00	\$ 150.00	\$ 550.00
32	Cold Applied BUR	Per SF	Per SF	\$ 70.00	\$ 45.00	\$ 28.00	\$ 40.00
33	Two Ply Cold Modified System	Per SF	Per SF	\$ 64.00	\$ 40.00	\$ 22.00	\$ 22.00
34	HYPALON FLASHING AT WOOD CANT 8" height	Per LF	8"	\$ 244.00	\$ 560.00	\$ 39.00	\$ 37.00

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34	HYPALON FLASHING AT WOOD CANT 12" height	Per LF	12"	\$ 255.00	\$ 560.00	\$ 40.50	\$ 37.00
34	HYPALON FLASHING AT WOOD CANT 18" height	Per LF	18"	\$ 295.00	\$ 560.00	\$ 42.00	\$ 52.00
35	Install New Expansion Joint/Flashing Only	Per LF	Per LF	\$ 175.00	\$ 250.00	\$ 72.00	\$ 41.00
36	Remove Old EDPM and Install New EDPM Roofing Entire Roof Section not a repair.	Per SF	Per SF	\$ 47.00	\$ 45.00	\$ 18.00	\$ 30.00
37	Reinstall/Rebuild Roof Drain	Each	Each	\$ 2,240.00	\$ 1,500.00	\$ 1,500.00	\$ 5,200.00
38	Metal Engineered Roof Retrofit	Per SF	Per SF	\$ 51.89	\$ 35.00	\$ 18.00	\$ 200.00
39	EPDM on Portable Classroom	Per SF	Per SF	\$ 32.00	\$ 25.00	\$ 18.00	\$ 14.00
40	Metal Roof on Portable Classroom	Per SF	Per SF	\$ 64.84	\$ 30.00	\$ 18.00	\$ 24.00
Hourly Rate for General Roofing Repair Work with Material being Cost Plus O & P (Not to be Confused with 2-Man Crew in Line 51)							
41	Labor Rate	Per Hour	Per Hour	\$ 160.00	\$ 95.00	\$ 100.00	\$ 80.00
41	Material Mark Up %	Percent	%	15%	10%	35%	25%
Recoat Metal Galvanized Roof (Treating Rusted Areas, Repairing Seams and Fasteners Separate) with Fibrated and Fasteners Separate) with Fibrated Aluminizer							
42	Per Coat Labor & Materials	Per 100 SF	Per 100 SF	\$ 1,810.56	\$ 20.00	\$ 525.00	\$ 6.55
43	Recoat Metal Galvanized Roof (Treating Rusted Areas and Repairing Seams/Fasteners Separate) with White Elastomeric Coating or Equal	Per 100 SF	Per 100 SF	\$ 1,930.76	\$ 25.00	\$ 675.00	\$ 9.00
44	Provide and Install Hypalon Flashing to Existing Curbing and Flashing in at Base into Existing Roof 1" - 6"	Height	1" - 6"	\$ 42.00	\$ 350.00	\$ 37.50	\$ 37.00
44	Provide and Install Hypalon Flashing to Existing Curbing and Flashing in at Base into Existing Roof 7" - 12"	Height	7" - 12"	\$ 48.00	\$ 350.00	\$ 40.50	\$ 37.00
44	Provide and Install Hypalon Flashing to Existing Curbing and Flashing in at Base into Existing Roof 13" - 18"	Height	13" - 18"	\$ 52.00	\$ 350.00	\$ 43.50	\$ 44.00
44	Provide and Install Hypalon Flashing to Existing Curbing and Flashing in at Base into Existing Roof 19" - 24"	Height	19" - 24"	\$ 59.00	\$ 350.00	\$ 46.50	\$ 52.00
44	Provide and Install Hypalon Flashing to Existing Curbing and Flashing in at Base into Existing Roof 25" - 30"	Height	25" - 30"	\$ 65.00	\$ 350.00	\$ 49.50	\$ 61.00
44	Provide and Install Hypalon Flashing to Existing Curbing and Flashing in at Base into Existing Roof 31" - 36"	Height	31" - 36"	\$ 70.00	\$ 350.00	\$ 52.50	\$ 86.00
45	Remove Old and Install New 6" Seamless Commercial 24 gauge Metal Gutting	Per LF	6"	\$ 36.00	\$ 30.00	\$ 37.50	\$ 32.00
45	Remove Old and Install New 7" Seamless Commercial 24 gauge Metal Gutting	Per LF	7"	\$ 38.00	\$ 31.00	\$ 38.50	\$ 33.00
45	Remove Old and Install New 8" Seamless Commercial 24 gauge Metal Gutting	Per LF	8"	\$ 40.00	\$ 32.00	\$ 39.50	\$ 36.00

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46	Furnish and Install Down Spouting for 6" Seamless Commercial 24 gauge Metal Guttering	Per LF	6"	\$ 19.00	\$ 20.00	\$ 30.00	\$ 32.00
46	Furnish and Install Down Spouting for 7" Seamless Commercial 24 gauge Metal Guttering	Per LF	7"	\$ 22.00	\$ 21.00	\$ 30.00	\$ 33.00
46	Furnish and Install Down Spouting for 8" Seamless Commercial 24 gauge Metal Guttering	Per LF	8"	\$ 24.00	\$ 22.00	\$ 32.00	\$ 36.00
47	Remove Old and Install New 6" Seamless Commercial Aluminum Guttering	Per LF	6"	\$ 32.00	\$ 31.00	\$ 37.50	\$ 35.50
47	Remove Old and Install New 7" Seamless Commercial Aluminum Guttering	Per LF	7"	\$ 34.00	\$ 32.00	\$ 37.50	\$ 36.00
47	Remove Old and Install New 8" Seamless Commercial Aluminum Guttering	Per LF	8"	\$ 36.00	\$ 33.00	\$ 38.50	\$ 40.00
48	Furnish and Install Down Spouting for 6" Seamless Commercial Aluminum Guttering	Per LF	6"	\$ 18.00	\$ 21.00	\$ 30.00	\$ 35.50
48	Furnish and Install Down Spouting for 7" Seamless Commercial Aluminum Guttering	Per LF	7"	\$ 20.00	\$ 22.00	\$ 30.00	\$ 36.00
48	Furnish and Install Down Spouting for 8" Seamless Commercial Aluminum Guttering	Per LF	8"	\$ 22.00	\$ 23.00	\$ 32.00	\$ 40.00
49	Provide and Install Hypalon Flashing on Parapet Walls Including .50 Gauge Aluminum Anchor Strip at Top Pinned Each 12" and Caulked and Stripped into Existing Roofing. (Wood can not Included if Needed.) 1" - 12"	Each	1" to 12"	\$ 112.00	\$ 670.00	\$ 45.00	\$ 37.00
49	Provide and Install Hypalon Flashing on Parapet Walls Including .50 Gauge Aluminum Anchor Strip at Top Pinned Each 12" and Caulked and Stripped into Existing Roofing. (Wood can not Included if Needed.) 13" - 18"	Each	13" - 18"	\$ 130.00	\$ 670.00	\$ 48.00	\$ 52.00
49	Provide and Install Hypalon Flashing on Parapet Walls Including .50 Gauge Aluminum Anchor Strip at Top Pinned Each 12" and Caulked and Stripped into Existing Roofing. (Wood can not Included if Needed.) 19" - 24"	Each	19" - 24"	\$ 144.00	\$ 670.00	\$ 51.00	\$ 67.00
49	Provide and Install Hypalon Flashing on Parapet Walls Including .50 Gauge Aluminum Anchor Strip at Top Pinned Each 12" and Caulked and Stripped into Existing Roofing. (Wood can not Included if Needed.) 25" - 36"	Each	25" - 36"	\$ 156.00	\$ 670.00	\$ 54.00	\$ 86.00
Provide Labor and Materials for Metal Work Associated with Roof Repairs - Architectural Tin Work, Facia Metal, flashings and Covers for Curbing and Penetrations.							
50	Labor, Per Mechanic	Per Hour	Per Hour	\$ 92.00	\$ 110.00	\$ 100.00	\$ 80.00
50	Material & Supplies Cost Plus O & P %	Percent	%	15%	10%	35%	25%
Hourly Rate for a Two Man Crew w/ Materials being Cost Plus % Replace/Repair							
51	A. Tile	Per Hour	Per Hour	\$ 170.00	\$ 120.00	\$ 225.00	\$ 80.00
51	B. Slate	Per Hour	Per Hour	\$ 180.00	\$ 110.00	\$ 225.00	\$ 80.00
51	C. Metal	Per Hour	Per Hour	\$ 187.00	\$ 105.00	\$ 200.00	\$ 80.00
51	D. Shingle	Per Hour	Per Hour	\$ 165.00	\$ 95.00	\$ 200.00	\$ 80.00
51	E. BUR	Per Hour	Per Hour	\$ 170.00	\$ 95.00	\$ 200.00	\$ 80.00
51	F. EDPM	Per Hour	Per Hour	\$ 170.00	\$ 95.00	\$ 200.00	\$ 80.00
52	Per Hour Labor Rate for Work Not Specified	Per Hour	Per Hour	\$ 85.00	\$ 120.00	\$ 200.00	\$ 80.00
53	% Mark-up for Material Not Specified	Percent	%	15%	10%	35%	25%