



BoardDocs Cover Page

(Due to final Cabinet-level approver on Monday at noon, 2+ weeks prior to BOE meeting date)

Meeting Date:	December 16, 2015		
Agenda Session: (Category)	☐ Closed ☐ Public Hearing	☐ Regular (Information, Reports, System Recognitions) ☒ Work Session (Bids, former F&F items)	
Title (Subject):	Bid 16M1, Unit Price Contract for Roof Replacement/Repair		
Access:	☐ Private	☒ Public	
Type:	☒ Action (e.g., bids) ☐ Action/Consent (e.g., staffing, grants over \$25k) ☐ Discussion	☐ Information (e.g., grants under \$25k) ☐ Report	
Aspirational Goals: (May select multiple)	☐ 1-Student Achievement ☐ 2-Effective and Engaged Staff ☒ 3-Resource Allocation	☐ 4-Family and Community Involvement ☐ 5-Health and Safety	
Recommended Action:	Board approval of Bid 16M1, Unit Price Contract for Roof Replacement/Repair		
Backup Documents:	☒ YES ☐ NO If yes, how many? _____ Submitted: ☒ Herewith ☐ Later ☐ Both Is one a PowerPoint (PPT): ☐ YES ☒ NO Comment: _____ Immediately following receipt of an email confirmation that this item has been approved by the Superintendent, the person posting this agenda topic to BoardDocs is responsible for emailing the approved PPT to tim.dean@fcps.org .		

PURPOSE OF PRESENTATION: Staff has reviewed the attached bid and recommends approval by the Board of Education of Frederick County.

BACKGROUND/SUMMARY: This recommendation is to establish a unit price contract to repair and/or replace roof sections on any building in the Frederick County Public School system.

PRESENTER(S) & TITLE(S):

Kim Miskell, Assistant Purchasing Manager

Gary Barkdoll, Manager of Maintenance Projects and Grounds Maintenance Department

SUBMITTED BY:

Stephen P. Starmer, C.P.M., Purchasing Manager

Leslie R. Pellegrino, Chief Financial Officer

LP L. H

BID 16M1
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 October 22, 2015.

1. **Bid participation:**

73 companies notified
6 companies submitted bid

2. **Bids were received from:**

CHU Contracting, Inc. (Chantilly, VA)
CitiRoof Corporation (Columbia, MD)
Cole Roofing Company, Inc. (Baltimore, MD)
Heidler Roofing Services, Inc. (Hagerstown, MD)
J&K Contracting, Inc. (Capitol Heights, MD)
Simpson of Maryland, Inc. (Hanover, MD)

3. **Other Facts:**

- This contract will be effective from the date of award through October 31, 2017, with two 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 with the Frederick County Public School system.
- 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.
- Approximately \$17,800 has been expended for roof repairs under the current contract in FY15. While the expenditures last year did not exceed the bid threshold, it has in previous years.
- The contract will be administered by Gary Barkdoll, Manager of Maintenance Projects and Grounds Maintenance Department.

4. **Source of Funding:** FY16 Approved Operating Budget and contingent upon Board approval of FY17 and FY18 Operating Budgets.

B. **Recommendation:** Staff recommends that Bid 16M1, Unit Price Contract for Roof Replacement/Repair, be awarded to CitiRoof Corporation (Columbia, MD), Heidler Roofing Services, Inc. (Hagerstown, MD) and Simpson of Maryland, Inc. (Hanover, MD), per the attached Bid Tabulation.

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

<u>AB</u> Approved	<u> </u> Denied	<u> </u> Deferred	<u> </u> Other	KM/ab
<u>12/16/15</u> Date	<u> </u> Date	<u> </u> Date	<u> </u> Date	BOE Meeting: 12.16.15

BID 16M1, UNIT PRICE CONTRACT FOR ROOF REPLACEMENT/REPAIR
BID TABULATION

<u>Item #</u>	<u>Description</u>	<u>Quantity</u>		<u>CHU</u> <u>Contracting</u>	<u>CitiRoof</u>	<u>Cole Roofing</u>	<u>Heidler</u> <u>Roofing</u>	<u>J&K</u> <u>Contracting</u>	<u>Simpson of</u> <u>MD</u>
I. Unit Prices:									
1	Type VI & Modified Roof System Repair	1-500 SF	Per SF	\$ 25.00	\$ 16.72	\$ 17.00	\$ 15.00	\$ 10.00	\$ 14.25
		501-1000 SF	Per SF	\$ 23.00	\$ 13.87	\$ 16.00	\$ 15.00	\$ 11.00	\$ 14.25
		1001 SF +	Per SF	\$ 20.00	\$ 12.80	\$ 15.00	\$ 15.00	\$ 12.00	\$ 14.25
1A	Temporary Flashing Procedure	1-50 LF	Per LF	\$ 40.00	\$ 8.28	\$ 17.60	\$ 16.00	\$ 8.00	\$ 15.00
		51-200 LF	Per LF	\$ 35.00	\$ 6.87	\$ 16.60	\$ 16.00	\$ 10.00	\$ 14.50
		201 LF +	Per LF	\$ 30.00	\$ 6.34	\$ 15.60	\$ 16.00	\$ 12.00	\$ 14.50
2	Roof Reinforcement System Smooth Surface	1-500 SF	Per SF	\$ 28.00	\$ 8.75	\$ 12.00	\$ 9.50	\$ 7.00	\$ 9.00
		501-1000 SF	Per SF	\$ 25.00	\$ 7.26	\$ 11.00	\$ 9.25	\$ 8.00	\$ 9.00
		1001 SF +	Per SF	\$ 20.00	\$ 6.70	\$ 10.00	\$ 9.00	\$ 9.00	\$ 9.00
3	Roof Restoration - Asphalt	1-500 SF	Per SF	\$ 25.00	\$ 7.00	\$ 11.00	\$ 10.00	\$ 5.00	\$ 8.50
		501-1000 SF	Per SF	\$ 24.00	\$ 5.81	\$ 10.00	\$ 10.00	\$ 6.00	\$ 8.50
		1001 SF +	Per SF	\$ 22.00	\$ 5.36	\$ 9.00	\$ 10.00	\$ 8.00	\$ 8.50
4A	Roof Restoration - Tar	1-500 SF	Per SF	\$ 25.00	\$ 6.75	\$ 11.00	\$ 10.00	\$ 6.00	\$ 9.00
		501-1000 SF	Per SF	\$ 24.00	\$ 5.60	\$ 10.00	\$ 10.00	\$ 7.00	\$ 9.00
		1001 SF +	Per SF	\$ 22.00	\$ 5.17	\$ 9.00	\$ 10.00	\$ 7.00	\$ 9.00
4B	Roof Restoration - Spray Polyurethane	1-500 SF	Per SF	\$ 27.00	\$ 10.00	\$ 24.50	\$ 22.00	\$ 4.00	\$ 9.75
		501-1000 SF	Per SF	\$ 26.00	\$ 8.30	\$ 24.00	\$ 22.00	\$ 6.00	\$ 9.75
		1001 SF +	Per SF	\$ 25.00	\$ 7.66	\$ 23.34	\$ 22.00	\$ 8.00	\$ 9.50
4C	Roof Restoration - Acrylic Elastomeric	1-500 SF	Per SF	\$ 27.00	\$ 8.75	\$ 8.50	\$ 10.00	\$ 2.50	\$ 9.95
		501-1000 SF	Per SF	\$ 26.00	\$ 7.26	\$ 8.00	\$ 10.00	\$ 2.50	\$ 9.75
		1001 SF +	Per SF	\$ 25.00	\$ -	\$ 7.50	\$ 10.00	\$ 2.50	\$ 9.65
5	Blister Holes & Ridge Repairs - Asphalt		Per SF	\$ 15.00	\$ 6.45	\$ 11.00	\$ 9.75	\$ 3.00	\$ 9.00
6	Blister Holes & Ridge Repairs - Tar		Per SF	\$ 15.00	\$ 6.65	\$ 11.00	\$ 9.75	\$ 2.00	\$ 9.00
7	Roof Repairs (Breaks, Splits & Tears)		Per SF	\$ 15.00	\$ 8.25	\$ 12.00	\$ 10.00	\$ 2.00	\$ 10.00
8	Flashing Repair & Reinforcement	1-50 LF	Per LF	\$ 15.00	\$ 38.25	\$ 23.00	\$ 21.50	\$ 5.00	\$ 20.00
		51-100 LF	Per LF	\$ 14.00	\$ 31.74	\$ 22.00	\$ 21.50	\$ 5.00	\$ 19.85
		101 LF +	Per LF	\$ 13.00	\$ 29.29	\$ 21.00	\$ 21.50	\$ 5.00	\$ 19.25
9	Gravel Stop-Metal Edge Reinforcement	1-50 LF	Per LF	\$ 15.00	\$ 24.25	\$ 20.00	\$ 17.25	\$ 4.00	\$ 17.00
		51-100 LF	Per LF	\$ 14.00	\$ 20.12	\$ 19.00	\$ 17.25	\$ 5.00	\$ 16.50
		101 LF +	Per LF	\$ 13.00	\$ 18.57	\$ 18.00	\$ 17.25	\$ 5.00	\$ 16.25
10	Extruded Aluminum Fascia TremLine	1-50 LF	Per LF	\$ 35.00	\$ 80.00	\$ 65.00	\$ 52.00	\$ 80.00	\$ 48.50
		51-100 LF	Per LF	\$ 33.00	\$ 75.00	\$ 60.00	\$ 52.00	\$ 70.00	\$ 48.00

BID 16M1, UNIT PRICE CONTRACT FOR ROOF REPLACEMENT/REPAIR
BID TABULATION

Item #	Description	Quantity		<u>CHU</u> Contracting	CitiRoof	Cole Roofing	Heidler Roofing	J&K Contracting	Simpson of MD
11	Metal Fascia/Raised Extended Wood	1-50 LF	Per LF	\$ 35.00	\$ 44.25	\$ 31.00	\$ 29.50	\$ 5.00	\$ 27.50
		51-100 LF	Per LF	\$ 33.00	\$ 36.72	\$ 30.00	\$ 28.50	\$ 5.00	\$ 27.00
		101 LF +	Per LF	\$ 30.00	\$ 33.89	\$ 29.00	\$ 27.50	\$ 5.00	\$ 26.75
12	Metal Fascia/Raised Extended Metal	1-50 LF	Per LF	\$ 34.00	\$ 50.00	\$ 31.00	\$ 29.50	\$ 6.00	\$ 27.25
		51-100 LF	Per LF	\$ 33.00	\$ 41.49	\$ 30.00	\$ 28.50	\$ 6.00	\$ 27.00
		101 LF +	Per LF	\$ 30.00	\$ 38.29	\$ 29.00	\$ 27.50	\$ 8.00	\$ 26.75
13	Gravel Stop/Low Profile	1-50 LF	Per LF	\$ 32.00	\$ 32.50	\$ 26.00	\$ 24.25	\$ 4.00	\$ 21.50
		51-100 LF	Per LF	\$ 30.00	\$ 26.97	\$ 25.00	\$ 23.25	\$ 4.00	\$ 21.25
		101 LF +	Per LF	\$ 28.00	\$ 24.89	\$ 24.00	\$ 22.25	\$ 4.00	\$ 21.00
14	New Counterflashing on Masonry Wall - Install	6"	Per LF	\$ 15.00	\$ 25.45	\$ 30.00	\$ 29.00	\$ 8.00	\$ 26.00
		12"	Per LF	\$ 18.00	\$ 30.45	\$ 33.00	\$ 32.00	\$ 9.00	\$ 28.00
		18"	Per LF	\$ 22.00	\$ 36.70	\$ 36.00	\$ 35.00	\$ 10.00	\$ 31.00
		24"	Per LF	\$ 25.00	\$ 44.74	\$ 40.00	\$ 38.00	\$ 11.00	\$ 33.00
15	Existing Counterflashing on Masonry Wall - Repair	6"	Per LF	\$ 13.00	\$ 13.00	\$ 23.00	\$ 22.00	\$ 3.00	\$ 19.00
		12"	Per LF	\$ 16.00	\$ 18.00	\$ 26.00	\$ 24.00	\$ 4.00	\$ 22.75
		18"	Per LF	\$ 20.00	\$ 24.26	\$ 29.00	\$ 26.00	\$ 5.00	\$ 26.00
		24"	Per LF	\$ 22.00	\$ 32.30	\$ 32.00	\$ 28.00	\$ 6.00	\$ 30.00
16	Install New Metal Counterflashing on Masonry Wall w/Concrete Coping Stone	6"	Per LF	\$ 17.00	\$ 35.23	\$ 28.00	\$ 25.50	\$ 28.00	\$ 22.00
		12"	Per LF	\$ 20.00	\$ 40.23	\$ 30.00	\$ 27.50	\$ 30.00	\$ 24.00
		18"	Per LF	\$ 23.00	\$ 46.48	\$ 32.00	\$ 29.50	\$ 40.00	\$ 30.00
		24"	Per LF	\$ 26.00	\$ 54.52	\$ 36.00	\$ 31.50	\$ 50.00	\$ 30.00
17	Install New Metal Counterflashing on Masonry Wall w/Tile Coping	6"	Per LF	\$ 17.00	\$ 45.45	\$ 30.00	\$ 27.00	\$ 30.00	\$ 24.00
		12"	Per LF	\$ 20.00	\$ 50.45	\$ 32.00	\$ 29.00	\$ 40.00	\$ 25.50
		18"	Per LF	\$ 23.00	\$ 56.70	\$ 34.00	\$ 32.00	\$ 50.00	\$ 28.50
		24"	Per LF	\$ 26.00	\$ 64.74	\$ 38.00	\$ 35.00	\$ 60.00	\$ 32.00
18	Install New Metal Counterflashing on Masonry Wall w/Metal Coping Cap	6"	Per LF	\$ 19.00	\$ 32.95	\$ 25.00	\$ 24.50	\$ 8.00	\$ 21.00
		12"	Per LF	\$ 22.00	\$ 37.95	\$ 28.00	\$ 26.50	\$ 9.00	\$ 23.00
		18"	Per LF	\$ 25.00	\$ 44.20	\$ 32.00	\$ 29.50	\$ 10.00	\$ 26.00
		24"	Per LF	\$ 28.00	\$ 52.24	\$ 35.00	\$ 32.50	\$ 11.00	\$ 30.00
19	Install New Abutment Wall Slip Flashing Under Metal Siding	1-50 LF	Per LF	\$ 25.00	\$ 45.33	\$ 26.00	\$ 24.50	\$ 10.00	\$ 22.00
		51-100 LF	Per LF	\$ 24.00	\$ 37.62	\$ 25.00	\$ 23.50	\$ 10.00	\$ 21.50
		101 LF +	Per LF	\$ 22.00	\$ 34.71	\$ 24.00	\$ 22.50	\$ 10.00	\$ 21.00
20	Coping Stone and/or Concrete Repairs	1-50 LF	Per LF	\$ 18.00	\$ 11.41	\$ 54.00	\$ 48.00	\$ 5.00	\$ 45.00
		51-100 LF	Per LF	\$ 16.00	\$ 9.46	\$ 52.00	\$ 47.00	\$ 10.00	\$ 44.00
		101LF + LF	Per LF	\$ 15.00	\$ 8.73	\$ 50.00	\$ 46.00	\$ 10.00	\$ 42.00
21	Masonry Repointing and Waterproofing	1-500 SF	Per SF	\$ 27.00	\$ 23.28	\$ 13.50	\$ 25.00	\$ 10.00	\$ 22.00
		501-1000 SF	Per SF	\$ 25.00	\$ 19.32	\$ 13.00	\$ 25.00	\$ 15.00	\$ 21.75
		1001-5000 SF	Per SF	\$ 22.00	\$ 17.83	\$ 12.50	\$ 25.00	\$ 15.00	\$ 21.75

BID 16M1, UNIT PRICE CONTRACT FOR ROOF REPLACEMENT/REPAIR
BID TABULATION

Item #	Description	Quantity		<u>CHU</u> Contracting	<u>CitiRoof</u>	<u>Cole Roofing</u>	<u>Heidler</u> Roofing	<u>J&K</u> Contracting	<u>Simpson of</u> <u>MD</u>
		5001 SF +	Per SF	\$ 20.00	\$ 17.00	\$ 12.00	\$ 25.00	\$ 15.00	\$ 21.50
22	Reglet Joint Repairs	1-50 LF	Per LF	\$ 25.00	\$ 14.80	\$ 12.00	\$ 10.00	\$ 7.00	\$ 9.00
		51-1000 LF	Per LF	\$ 22.00	\$ 12.28	\$ 11.50	\$ 10.00	\$ 7.00	\$ 8.75
	Reglet Joint Repairs	1001 LF +	Per LF	\$ 18.00	\$ 11.33	\$ 11.00	\$ 10.00	\$ 7.00	\$ 8.75
23	New Expansion Joint	1-50 LF	Per LF	\$ 55.00	\$ 118.50	\$ 65.00	\$ 58.00	\$ 18.00	\$ 54.00
		51-100 LF	Per LF	\$ 54.00	\$ 98.33	\$ 64.00	\$ 58.00	\$ 18.00	\$ 54.00
		101 LF +	Per LF	\$ 52.00	\$ 90.74	\$ 63.00	\$ 58.00	\$ 18.00	\$ 54.00
24A	Install New Pitch	Each		\$ 450.00	\$ 400.00	\$ 275.00	\$ 175.00	\$ 100.00	\$ 120.00
24B	Repair Existing Pitch Pocket	Each		\$ 300.00	\$ 300.00	\$ 100.00	\$ 175.00	\$ 80.00	\$ 50.00
25	Repair Existing Soil Stack	Each		\$ 400.00	\$ 242.50	\$ 90.00	\$ 125.00	\$ 120.00	\$ 74.00
26	Install New Scupper Box	Each		\$ 650.00	\$ 937.50	\$ 450.00	\$ 300.00	\$ 320.00	\$ 240.00
27	Install New Interior Drains	4" Each		\$ 2,500.00	\$ 750.00	\$ 1,500.00	\$ 800.00	\$ 1,800.00	\$ 775.00
		6" Each		\$ 2,800.00	\$ 900.00	\$ 1,600.00	\$ 850.00	\$ 2,000.00	\$ 825.00
		8" Each		\$ 3,500.00	\$ 1,200.00	\$ 1,700.00	\$ 900.00	\$ 3,000.00	\$ 875.00
28	Repair Existing Interior Drain	Each		\$ 350.00	\$ 350.00	\$ 400.00	\$ 500.00	\$ 800.00	\$ 475.00
29A	Single Ply Membrane Repair - EPDM	1-200 SF	Per SF	\$ 15.00	\$ 8.00	\$ 11.00	\$ 10.00	\$ 8.00	\$ 9.00
		201-500 SF	Per SF	\$ 13.00	\$ 6.64	\$ 10.50	\$ 9.75	\$ 9.00	\$ 8.50
		501-1000 SF	Per SF	\$ 10.00	\$ 6.13	\$ 10.00	\$ 9.50	\$ 11.00	\$ 8.25
29B	Single Ply Membrane Repair - Hypalon	1-200 SF	Per SF	\$ 16.00	\$ 20.00	\$ 16.00	\$ 12.75	\$ 10.00	\$ 11.00
		201-500 SF	Per SF	\$ 14.00	\$ 16.60	\$ 15.50	\$ 12.50	\$ 12.00	\$ 10.75
		501-1000 SF	Per SF	\$ 11.00	\$ 15.32	\$ 15.00	\$ 12.25	\$ 15.00	\$ 10.00
29C	Single Ply Membrane Repair - PIB	1-200 SF	Per SF	\$ 16.00	\$ 20.00	\$ 16.00	\$ 12.00	\$ 12.00	\$ 11.00
		201-500 SF	Per SF	\$ 14.00	\$ 16.60	\$ 15.50	\$ 11.50	\$ 13.00	\$ 10.75
		501-1000 SF	Per SF	\$ 11.00	\$ 15.32	\$ 15.00	\$ 11.00	\$ 14.00	\$ 10.50
29D	Single Ply Membrane Repair - PVC	1-200 SF	Per SF	\$ 16.00	\$ 14.00	\$ 13.00	\$ 12.00	\$ 13.00	\$ 11.00
		201-500 SF	Per SF	\$ 14.00	\$ 11.62	\$ 12.50	\$ 11.50	\$ 14.00	\$ 10.85
		501-1000 SF	Per SF	\$ 11.00	\$ 10.72	\$ 12.00	\$ 11.00	\$ 15.00	\$ 10.85
29E	Single Ply Membrane Repair - TPO	1-200 SF	Per SF	\$ 16.00	\$ 13.00	\$ 12.00	\$ 12.00	\$ 11.00	\$ 10.00
		201-500 SF	Per SF	\$ 14.00	\$ 10.79	\$ 11.50	\$ 11.50	\$ 12.00	\$ 9.75
		501-1000 SF	Per SF	\$ 11.00	\$ 9.95	\$ 11.00	\$ 11.00	\$ 13.00	\$ 9.50
30A	Single Ply Membrane - EPDM	1-200 SF	Per SF	\$ 15.00	\$ 13.00	\$ 0.90	\$ 12.00	\$ 5.00	\$ 15.00
		201-500 SF	Per SF	\$ 13.00	\$ 10.79	\$ 0.81	\$ 11.50	\$ 5.00	\$ 14.75
		501-1000 SF	Per SF	\$ 11.00	\$ 9.95	\$ 0.76	\$ 11.00	\$ 5.00	\$ 14.50

KM/ab
BOE Mtg.: 12.16.15

BID 16M1, UNIT PRICE CONTRACT FOR ROOF REPLACEMENT/REPAIR
BID TABULATION

Item #	Description	Quantity		CHU Contracting	CitiRoof	Cole Roofing	Heidler Roofing	J&K Contracting	Simpson of MD
30B	Single Ply Membrane - PVC	1-200 SF	Per SF	\$ 16.00	\$ 19.00	\$ 1.00	\$ 12.00	\$ 6.00	\$ 18.50
		201-500 SF	Per SF	\$ 14.00	\$ 15.77	\$ 0.95	\$ 11.50	\$ 6.00	\$ 18.00
		501-1000 SF	Per SF	\$ 11.00	\$ 14.55	\$ 0.90	\$ 11.00	\$ 6.00	\$ 18.00
30C	Single Ply Membrane - TPO	1-200 SF	Per SF	\$ 16.00	\$ 18.00	\$ 0.84	\$ 12.00	\$ 6.00	\$ 16.00
		201-500 SF	Per SF	\$ 14.00	\$ 14.94	\$ 0.80	\$ 11.50	\$ 6.00	\$ 15.00
		501-1000 SF	Per SF	\$ 11.00	\$ 13.78	\$ 0.76	\$ 11.00	\$ 6.00	\$ 15.00
31	Hourly Rate for a Two-Man Crew w/Materials being Cost Plus % Replace/Repair			10%	15%	20%	0%	0%	0%
	A. Tile	Per Hour		\$ 90.00	\$ 95.00	\$ 200.00	\$ 130.00	\$ 900.00	\$ 130.00
	B. Slate	Per Hour		\$ 90.00	\$ 115.00	\$ 200.00	\$ 130.00	\$ 1,000.00	\$ 130.00
	C. Metal	Per Hour		\$ 90.00	\$ 127.00	\$ 200.00	\$ 130.00	\$ 1,200.00	\$ 130.00
	D. Shingle	Per Hour		\$ 90.00	\$ 105.00	\$ 200.00	\$ 130.00	\$ 1,400.00	\$ 130.00
	E. BUR	Per Hour		\$ 90.00	\$ 115.00	\$ 180.00	\$ 130.00	\$ 1,500.00	\$ 125.00
	F. EDPM	Per Hour		\$ 90.00	\$ 115.00	\$ 180.00	\$ 130.00	\$ 1,200.00	\$ 125.00
32	Two Way Vents	Each		\$ 350.00	\$ 307.50	\$ 150.00	\$ 150.00	\$ 120.00	\$ 150.00
33	Cold Applied BUR	Per SF		\$ 25.00	\$ 30.00	\$ 12.00	\$ 14.00	\$ 15.00	\$ 12.00
34	Two Ply Cold Modified System	Per SF		\$ 25.00	\$ 35.00	\$ 11.00	\$ 10.00	\$ 16.00	\$ 8.50
35	Adhesives and Patching Material								
	A. Brand Name of Adhesive			\$ 75.00	\$ 58.37	match existing	Firestone	\$ 220.00	Tremco
	B. Patching Material for Asphalt Roofs			\$ 60.00	\$ 68.85	match existing	Firestone	\$ 320.00	Tremco
	C. Patching Material for Tar Roofs			\$ 60.00	\$ 58.46	match existing	Firestone	\$ 320.00	Tremco
	D. Brand Name of Flashing			\$ 45.00	\$ 403.17	match existing	Firestone	\$ 250.00	Tremco
36	Hypalon Flashing at Wood Cant								
	8" height	Per LF		\$ 16.00	\$ 15.00	\$ 31.00	\$ 26.00	\$ 30.00	\$ 24.00
	12" height	Per LF		\$ 18.00	\$ 18.89	\$ 33.00	\$ 27.00	\$ 35.00	\$ 26.00
	18" height	Per LF		\$ 19.00	\$ 34.28	\$ 35.00	\$ 28.00	\$ 40.00	\$ 28.00
37	Install New Expansion Joint/Flashing Only	Per LF		\$ 18.00	\$ 52.75	\$ 54.00	\$ 48.00	\$ 10.00	\$ 45.00
38	Remove Coping Stones, Rebed & Recaulk Joints	Per LF		\$ 25.00	\$ 60.00	\$ 45.00	\$ 40.00	\$ 20.00	\$ 35.00
39	Seal Coping Stones w/Clear Water	Per LF		\$ 15.00	\$ 4.40	\$ 8.00	\$ 8.00	\$ 100.00	\$ 6.75
	Proof "Breathable" Sealer								
40	Sand Blast Coping Stones, Clean Out Caulk Joint, Recaulk & Seal Stones w/Clear	Per LF		\$ 18.00	\$ 24.90	\$ 15.00	\$ 14.00	\$ 200.00	\$ 11.00
41	Remove Bricks and Replace Counter Flashing in Parapet or Regular Wall Reinstall Weep	Per LF		\$ 65.00	\$ 80.00	\$ 150.00	\$ 225.00	\$ 80.00	\$ 195.00
42	Hourly Rate for General Roofing Repair Work with Material being Cost Plus O & P (Not to be Confused with 2-								
	Labor Rate	Per Hour		\$ 48.00	\$ 116.00	\$ 90.00	\$ 65.00	\$ 80.00	\$ 68.00
	Material Mark Up %			0%	15%	20%	0%	10%	18%
43	Recoat Metal Galvanized Roof (Treating Rusted Areas, Repairing Seams and Fasteners Separate) with Fibrated and								
	Per Coat Labor & Materials	Per 100 SF	Per SF	\$ 6.00	\$ 342.50	\$ 375.00	\$ 350.00	\$ 10.00	\$ 325.00

BID 16M1, UNIT PRICE CONTRACT FOR ROOF REPLACEMENT/REPAIR
BID TABULATION

Item #	Description	Quantity		<u>CHU</u> Contracting	<u>CitiRoof</u>	<u>Cole Roofing</u>	<u>Heidler</u> Roofing	<u>J&K</u> Contracting	<u>Simpson of</u> <u>MD</u>
44	Recoat Metal Galvanized Roof (Treating Rusted Areas and Repairing Seams/Fasteners Separate) with White Labor & Material	Per 100 SF	Per SF	\$ 9.00	\$ 376.75	\$ 500.00	\$ 450.00	\$ 8.00	\$ 425.00
45	Provide and Install Hypalon Flashing to Existing Curbing and Flashing in at Base into								
	1" - 6"	Height		\$ 13.00	\$ 15.00	\$ 32.00	\$ 25.00	\$ 20.00	\$ 23.00
	7" - 12"	Height		\$ 14.00	\$ 18.89	\$ 33.00	\$ 27.00	\$ 30.00	\$ 25.00
	13" - 18"	Height		\$ 15.00	\$ 25.62	\$ 34.00	\$ 29.00	\$ 40.00	\$ 27.00
	18" - 24"	Height		\$ 16.00	\$ 34.28	\$ 35.00	\$ 31.00	\$ 50.00	\$ 29.00
	25" - 30"	Height		\$ 17.00	\$ 42.30	\$ 37.00	\$ 33.00	\$ 60.00	\$ 31.00
	31" - 36"	Height		\$ 18.00	\$ 51.66	\$ 40.00	\$ 35.00	\$ 70.00	\$ 34.00
46	Remove Old EDPM and Install New EDPM Roofing Entire Roof Section not a Repair.	Per SF		\$ 9.00	\$ 15.00	\$ 11.00	\$ 9.00	\$ 13.00	\$ 8.00
47A	Remove Old and Install New 6" Seamless Commercial 24 gauge Metal Gutting	Per LF		\$ 8.00	\$ 19.58	\$ 40.00	\$ 25.00	\$ 10.00	\$ 19.00
	Remove Old and Install New 7" Seamless Commercial 24 gauge Metal Gutting	Per LF		\$ 10.00	\$ 20.56	\$ 42.00	\$ 25.00	\$ 15.00	\$ 26.00
	Remove Old and Install New 8" Seamless Commercial 24 gauge Metal Gutting	Per LF		\$ 14.00	\$ 21.59	\$ 44.00	\$ 25.00	\$ 18.00	\$ 32.00
47B	Furnish and Install Down Spouting for								
	6" Seamless Commercial 24 gauge Metal Gutting	Per LF		\$ 7.00	\$ 11.63	\$ 37.00	\$ 20.00	\$ 8.00	\$ 23.00
	7" Seamless Commercial 24 gauge Metal Gutting	Per LF		\$ 8.00	\$ 12.21	\$ 38.00	\$ 20.00	\$ 10.00	\$ 26.00
	8" Seamless Commercial 24 gauge Metal Gutting	Per LF		\$ 9.00	\$ 12.82	\$ 39.00	\$ 20.00	\$ 11.00	\$ 29.00
48A	Remove Old and Install New 6" Seamless Commercial Aluminum Gutting	Per LF		\$ 8.00	\$ 11.88	\$ 42.00	\$ 25.00	\$ 10.00	\$ 25.00
	Remove Old and Install New 7" Seamless Commercial Aluminum Gutting	Per LF		\$ 10.00	\$ 12.47	\$ 44.00	\$ 25.00	\$ 12.00	\$ 28.00
	Remove Old and Install New 8" Seamless Commercial Aluminum Gutting	Per LF		\$ 11.00	\$ 13.09	\$ 46.00	\$ 25.00	\$ 17.00	\$ 32.00
48B	Furnish and Install Down Spouting for								
	6" Seamless Commercial Aluminum Gutting	Per LF		\$ 7.00	\$ 10.75	\$ 39.00	\$ 20.00	\$ 9.00	\$ 25.00
	7" Seamless Commercial Aluminum Gutting	Per LF		\$ 8.00	\$ 11.29	\$ 40.00	\$ 20.00	\$ 8.00	\$ 29.00
	8" Seamless Commercial Aluminum Gutting	Per LF		\$ 9.00	\$ 11.85	\$ 41.00	\$ 20.00	\$ 10.00	\$ 31.00
49	Provide and Install Hypalon Flashing on Parapet Walls Including .50 Gauge Aluminum Anchor Strip at Top Pinned								
	1" to 12"			\$ 13.00	\$ 23.89	\$ 33.00	\$ 30.00	\$ 100.00	\$ 28.00
	13" - 18"			\$ 15.00	\$ 30.62	\$ 34.00	\$ 32.00	\$ 150.00	\$ 30.00
	19" - 24"			\$ 16.00	\$ 39.28	\$ 35.00	\$ 34.00	\$ 180.00	\$ 32.00
	25" - 36"			\$ 18.00	\$ 56.66	\$ 40.00	\$ 36.00	\$ 200.00	\$ 34.00

BID 16M1, UNIT PRICE CONTRACT FOR ROOF REPLACEMENT/REPAIR
BID TABULATION

Item #	Description	Quantity	CHU Contracting	CitiRoof	Cole Roofing	Heidler Roofing	J&K Contracting	Simpson of MD
50	Provide Labor and Materials for Metal Work Associated with Roof Repairs - Architectural Tin Work, Facia Metal,							
	Labor, Per Mechanic	Per Hour	\$ 48.00	\$ 127.00	\$ 90.00	\$ 65.00	\$ 380.00	\$ 68.00
	Material & Supplies Cost Plus O & P %		0%	0%	20%	0%	0%	0%
51	Reinstall/Rebuild Roof Drain	Each	\$ 3,500.00	\$ 1,200.00	\$ 1,700.00	\$ 1,600.00	\$ 1,200.00	\$ 1,500.00
52	Metal Engineered Roof Retrofit	Sq. Ft.	\$ 34.00	\$ 17.28	\$ 38.00	\$ 38.50	\$ 20.00	\$ 32.00
53	EPDM on Portable Classroom	Sq. Ft.	\$ 14.00	\$ 11.00	\$ 10.00	\$ 10.50	\$ 12.00	\$ 8.75
54	Metal Roof on Portable Classroom	Sq. Ft.	\$ 17.00	\$ 22.28	\$ 12.00	\$ 14.00	\$ 22.00	\$ 9.00
55	Per Hour Labor Rate for Work Not Specified		\$ 48.00	\$ 115.00	\$ 90.00	\$ 65.00	\$ 40.00	\$ 36.00
56	% Mark-Up for Material Not Specified		10%	15%	20%	18%	10%	18%