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

Meeting Date:	October 11, 2017		
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 (Renewal)		
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 contract renewal-Bid 16M1, Unit Price Contract for Roof Replacement/Repair		
	☒ 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 contract renewal and recommends approval by the Board of Education of Frederick County.

BACKGROUND / SUMMARY: This recommendation is for the renewal of the unit price contract for repairs 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, FMP, Manager of Maintenance Projects and Grounds, Maintenance Department

SUBMITTED BY:

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

Leslie R. Pellegrino, Chief Financial Officer

BID 16M1
UNIT PRICE CONTRACT FOR ROOF REPLACEMENT/REPAIR
(RENEWAL)

FACT SHEET

A. **Overview:** This recommendation is to renew the unit price contract for small roof replacement and repair projects.

1. **Other Facts:**

- The renewal period will be effective from November 1, 2017 through October 31, 2019, with one additional two-year renewal options available.
- This is an open requirements contract, with no guarantee of any work.
- Prices for the renewal period remain unchanged.
- Approximately \$73,293 was spent in FY17 for roof repairs.
- The contract will be administered by Gary Barkdoll, Manager of Maintenance Projects and Grounds Maintenance Department.

2. **Source of Funding:** FY18 Approved Operating Budget and contingent upon Board approval of FY19 and FY20 Operating Budgets.

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

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

AB	_____	_____	_____	_____	KM/ab
	Approved	Denied	Deferred	Other	
10.11.17	_____	_____	_____	_____	BOE Meeting: 10.11.17
	Date	Date	Date	Date	

BID 16M1, UNIT PRICE CONTRACT FOR ROOF REPLACEMENT/REPAIR
SUMMARY OF RENEWAL

Item #	Description	Quantity		CitiRoof	Heidler Roofing	Simpson of MD
I. Unit Prices:						
1	Type VI & Modified Roof System Repair	1-500 SF	Per SF	\$ 16.72	\$ 15.00	\$ 14.25
		501-1000 SF	Per SF	\$ 13.87	\$ 15.00	\$ 14.25
		1001 SF +	Per SF	\$ 12.80	\$ 15.00	\$ 14.25
1A	Temporary Flashing Procedure	1-50 LF	Per LF	\$ 8.28	\$ 16.00	\$ 15.00
		51-200 LF	Per LF	\$ 6.87	\$ 16.00	\$ 14.50
		201 LF +	Per LF	\$ 6.34	\$ 16.00	\$ 14.50
2	Roof Reinforcement System Smooth Surface	1-500 SF	Per SF	\$ 8.75	\$ 9.50	\$ 9.00
		501-1000 SF	Per SF	\$ 7.26	\$ 9.25	\$ 9.00
		1001 SF +	Per SF	\$ 6.70	\$ 9.00	\$ 9.00
3	Roof Restoration - Asphalt	1-500 SF	Per SF	\$ 7.00	\$ 10.00	\$ 8.50
		501-1000 SF	Per SF	\$ 5.81	\$ 10.00	\$ 8.50
		1001 SF +	Per SF	\$ 5.36	\$ 10.00	\$ 8.50
4A	Roof Restoration - Tar	1-500 SF	Per SF	\$ 6.75	\$ 10.00	\$ 9.00
		501-1000 SF	Per SF	\$ 5.60	\$ 10.00	\$ 9.00
		1001 SF +	Per SF	\$ 5.17	\$ 10.00	\$ 9.00
4B	Roof Restoration - Spray Polyurethane	1-500 SF	Per SF	\$ 10.00	\$ 22.00	\$ 9.75
		501-1000 SF	Per SF	\$ 8.30	\$ 22.00	\$ 9.75
		1001 SF +	Per SF	\$ 7.66	\$ 22.00	\$ 9.50
4C	Roof Restoration - Acrylic Elastomeric	1-500 SF	Per SF	\$ 8.75	\$ 10.00	\$ 9.95
		501-1000 SF	Per SF	\$ 7.26	\$ 10.00	\$ 9.75
		1001 SF +	Per SF	\$ -	\$ 10.00	\$ 9.65
5	Blister Holes & Ridge Repairs - Asphalt		Per SF	\$ 6.45	\$ 9.75	\$ 9.00
6	Blister Holes & Ridge Repairs - Tar		Per SF	\$ 6.65	\$ 9.75	\$ 9.00
7	Roof Repairs (Breaks, Splits & Tears)		Per SF	\$ 8.25	\$ 10.00	\$ 10.00
8	Flashing Repair & Reinforcement	1-50 LF	Per LF	\$ 38.25	\$ 21.50	\$ 20.00
		51-100 LF	Per LF	\$ 31.74	\$ 21.50	\$ 19.85
		101 LF +	Per LF	\$ 29.29	\$ 21.50	\$ 19.25
9	Gravel Stop-Metal Edge Reinforcement	1-50 LF	Per LF	\$ 24.25	\$ 17.25	\$ 17.00
		51-100 LF	Per LF	\$ 20.12	\$ 17.25	\$ 16.50
		101 LF +	Per LF	\$ 18.57	\$ 17.25	\$ 16.25
10	Extruded Aluminum Fascia TremLine	1-50 LF	Per LF	\$ 80.00	\$ 52.00	\$ 48.50
		51-100 LF	Per LF	\$ 75.00	\$ 52.00	\$ 48.00
11	Metal Fascia/Raised Extended Wood	1-50 LF	Per LF	\$ 44.25	\$ 29.50	\$ 27.50
		51-100 LF	Per LF	\$ 36.72	\$ 28.50	\$ 27.00
		101 LF +	Per LF	\$ 33.89	\$ 27.50	\$ 26.75
12	Metal Fascia/Raised Extended Metal	1-50 LF	Per LF	\$ 50.00	\$ 29.50	\$ 27.25
		51-100 LF	Per LF	\$ 41.49	\$ 28.50	\$ 27.00
		101 LF +	Per LF	\$ 38.29	\$ 27.50	\$ 26.75
13	Gravel Stop/Low Profile	1-50 LF	Per LF	\$ 32.50	\$ 24.25	\$ 21.50
		51-100 LF	Per LF	\$ 26.97	\$ 23.25	\$ 21.25
		101 LF +	Per LF	\$ 24.89	\$ 22.25	\$ 21.00
14	New Counterflashing on Masonry Wall - Install	6"	Per LF	\$ 25.45	\$ 29.00	\$ 26.00
		12"	Per LF	\$ 30.45	\$ 32.00	\$ 28.00
		18"	Per LF	\$ 36.70	\$ 35.00	\$ 31.00
		24"	Per LF	\$ 44.74	\$ 38.00	\$ 33.00
15	Existing Counterflashing on Masonry Wall - Repair	6"	Per LF	\$ 13.00	\$ 22.00	\$ 19.00
		12"	Per LF	\$ 18.00	\$ 24.00	\$ 22.75
		18"	Per LF	\$ 24.26	\$ 26.00	\$ 26.00

KM/ab
BOE Mtg.: 10.11.17

BID 16M1, UNIT PRICE CONTRACT FOR ROOF REPLACEMENT/REPAIR
SUMMARY OF RENEWAL

Item #	Description	Quantity		CitiRoof	Heidler Roofing	Simpson of MD
		24"	Per LF	\$ 32.30	\$ 28.00	\$ 30.00
16	Install New Metal Counterflashing on Masonry Wall w/Concrete Coping Stone	6"	Per LF	\$ 35.23	\$ 25.50	\$ 22.00
		12"	Per LF	\$ 40.23	\$ 27.50	\$ 24.00
		18"	Per LF	\$ 46.48	\$ 29.50	\$ 30.00
		24"	Per LF	\$ 54.52	\$ 31.50	\$ 30.00
17	Install New Metal Counterflashing on Masonry Wall w/Tile Coping	6"	Per LF	\$ 45.45	\$ 27.00	\$ 24.00
		12"	Per LF	\$ 50.45	\$ 29.00	\$ 25.50
		18"	Per LF	\$ 56.70	\$ 32.00	\$ 28.50
		24"	Per LF	\$ 64.74	\$ 35.00	\$ 32.00
18	Install New Metal Counterflashing on Masonry Wall w/Metal Coping Cap	6"	Per LF	\$ 32.95	\$ 24.50	\$ 21.00
		12"	Per LF	\$ 37.95	\$ 26.50	\$ 23.00
		18"	Per LF	\$ 44.20	\$ 29.50	\$ 26.00
		24"	Per LF	\$ 52.24	\$ 32.50	\$ 30.00
19	Install New Abutment Wall Slip Flashing Under Metal Siding	1-50 LF	Per LF	\$ 45.33	\$ 24.50	\$ 22.00
		51-100 LF	Per LF	\$ 37.62	\$ 23.50	\$ 21.50
		101 LF +	Per LF	\$ 34.71	\$ 22.50	\$ 21.00
20	Coping Stone and/or Concrete Repairs	1-50 LF	Per LF	\$ 11.41	\$ 48.00	\$ 45.00
		51-100 LF	Per LF	\$ 9.46	\$ 47.00	\$ 44.00
		101LF + LF	Per LF	\$ 8.73	\$ 46.00	\$ 42.00
21	Masonry Repointing and Waterproofing	1-500 SF	Per SF	\$ 23.28	\$ 25.00	\$ 22.00
		501-1000 SF	Per SF	\$ 19.32	\$ 25.00	\$ 21.75
		1001-5000 SF	Per SF	\$ 17.83	\$ 25.00	\$ 21.75
		5001 SF +	Per SF	\$ 17.00	\$ 25.00	\$ 21.50
22	Reglet Joint Repairs	1-50 LF	Per LF	\$ 14.80	\$ 10.00	\$ 9.00
		51-1000 LF	Per LF	\$ 12.28	\$ 10.00	\$ 8.75
	Reglet Joint Repairs	1001 LF +	Per LF	\$ 11.33	\$ 10.00	\$ 8.75
23	New Expansion Joint	1-50 LF	Per LF	\$ 118.50	\$ 58.00	\$ 54.00
		51-100 LF	Per LF	\$ 98.33	\$ 58.00	\$ 54.00
		101 LF +	Per LF	\$ 90.74	\$ 58.00	\$ 54.00
24A	Install New Pitch	Each		\$ 400.00	\$ 175.00	\$ 120.00
24B	Repair Existing Pitch Pocket	Each		\$ 300.00	\$ 175.00	\$ 50.00
25	Repair Existing Soil Stack	Each		\$ 242.50	\$ 125.00	\$ 74.00
26	Install New Scupper Box	Each		\$ 937.50	\$ 300.00	\$ 240.00
27	Install New Interior Drains	4" Each		\$ 750.00	\$ 800.00	\$ 775.00
		6" Each		\$ 900.00	\$ 850.00	\$ 825.00
		8" Each		\$ 1,200.00	\$ 900.00	\$ 875.00
28	Repair Existing Interior Drain	Each		\$ 350.00	\$ 500.00	\$ 475.00
29A	Single Ply Membrane Repair - EPDM	1-200 SF	Per SF	\$ 8.00	\$ 10.00	\$ 9.00
		201-500 SF	Per SF	\$ 6.64	\$ 9.75	\$ 8.50
		501-1000 SF	Per SF	\$ 6.13	\$ 9.50	\$ 8.25
29B	Single Ply Membrane Repair - Hypalon	1-200 SF	Per SF	\$ 20.00	\$ 12.75	\$ 11.00
		201-500 SF	Per SF	\$ 16.60	\$ 12.50	\$ 10.75
		501-1000 SF	Per SF	\$ 15.32	\$ 12.25	\$ 10.00
29C	Single Ply Membrane Repair - PIB	1-200 SF	Per SF	\$ 20.00	\$ 12.00	\$ 11.00
		201-500 SF	Per SF	\$ 16.60	\$ 11.50	\$ 10.75
		501-1000 SF	Per SF	\$ 15.32	\$ 11.00	\$ 10.50
29D	Single Ply Membrane Repair - PVC	1-200 SF	Per SF	\$ 14.00	\$ 12.00	\$ 11.00
		201-500 SF	Per SF	\$ 11.62	\$ 11.50	\$ 10.85
		501-1000 SF	Per SF	\$ 10.72	\$ 11.00	\$ 10.85

BID 16M1, UNIT PRICE CONTRACT FOR ROOF REPLACEMENT/REPAIR
SUMMARY OF RENEWAL

<u>Item #</u>	<u>Description</u>	<u>Quantity</u>		<u>CitiRoof</u>	<u>Heidler Roofing</u>	<u>Simpson of MD</u>
29E	Single Ply Membrane Repair - TPO	1-200 SF	Per SF	\$ 13.00	\$ 12.00	\$ 10.00
		201-500 SF	Per SF	\$ 10.79	\$ 11.50	\$ 9.75
		501-1000 SF	Per SF	\$ 9.95	\$ 11.00	\$ 9.50
30A	Single Ply Membrane - EPDM	1-200 SF	Per SF	\$ 13.00	\$ 12.00	\$ 15.00
		201-500 SF	Per SF	\$ 10.79	\$ 11.50	\$ 14.75
		501-1000 SF	Per SF	\$ 9.95	\$ 11.00	\$ 14.50
30B	Single Ply Membrane - PVC	1-200 SF	Per SF	\$ 19.00	\$ 12.00	\$ 18.50
		201-500 SF	Per SF	\$ 15.77	\$ 11.50	\$ 18.00
		501-1000 SF	Per SF	\$ 14.55	\$ 11.00	\$ 18.00
30C	Single Ply Membrane - TPO	1-200 SF	Per SF	\$ 18.00	\$ 12.00	\$ 16.00
		201-500 SF	Per SF	\$ 14.94	\$ 11.50	\$ 15.00
		501-1000 SF	Per SF	\$ 13.78	\$ 11.00	\$ 15.00
31	Hourly Rate for a Two-Man Crew w/Materials being Cost Plus % Replace/Repair			15%	0%	0%
	A. Tile	Per Hour		\$ 95.00	\$ 130.00	\$ 130.00
	B. Slate	Per Hour		\$ 115.00	\$ 130.00	\$ 130.00
	C. Metal	Per Hour		\$ 127.00	\$ 130.00	\$ 130.00
	D. Shingle	Per Hour		\$ 105.00	\$ 130.00	\$ 130.00
	E. BUR	Per Hour		\$ 115.00	\$ 130.00	\$ 125.00
	F. EDPM	Per Hour		\$ 115.00	\$ 130.00	\$ 125.00
32	Two Way Vents	Each		\$ 307.50	\$ 150.00	\$ 150.00
33	Cold Applied BUR	Per SF		\$ 30.00	\$ 14.00	\$ 12.00
34	Two Ply Cold Modified System	Per SF		\$ 35.00	\$ 10.00	\$ 8.50
35	Adhesives and Patching Material					
	A. Brand Name of Adhesive			\$ 58.37	Firestone	Tremco
	B. Patching Material for Asphalt Roofs			\$ 68.85	Firestone	Tremco
	C. Patching Material for Tar Roofs			\$ 58.46	Firestone	Tremco
	D. Brand Name of Flashing			\$ 403.17	Firestone	Tremco
36	Hypalon Flashing at Wood Cant					
	8" height	Per LF		\$ 15.00	\$ 26.00	\$ 24.00
	12" height	Per LF		\$ 18.89	\$ 27.00	\$ 26.00
	18" height	Per LF		\$ 34.28	\$ 28.00	\$ 28.00
37	Install New Expansion Joint/Flashing Only	Per LF		\$ 52.75	\$ 48.00	\$ 45.00
38	Remove Coping Stones, Rebed & Recaulk Joints	Per LF		\$ 60.00	\$ 40.00	\$ 35.00
39	Seal Coping Stones w/Clear Water Proof "Breathable" Sealer	Per LF		\$ 4.40	\$ 8.00	\$ 6.75
40	Sand Blast Coping Stones, Clean Out Caulk Joint, Recaulk & Seal Stones w/Clear	Per LF		\$ 24.90	\$ 14.00	\$ 11.00
41	Remove Bricks and Replace Counter Flashing in Parapet or Regular Wall Reinstall Weep	Per LF		\$ 80.00	\$ 225.00	\$ 195.00
42	Hourly Rate for General Roofing Repair Work with Material being Cost Plus O & P (Not to be Confused with 2-Man Labor Rate	Per Hour		\$ 116.00	\$ 65.00	\$ 68.00
	Material Mark Up %			15%	0%	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	\$ 342.50	\$ 350.00	\$ 325.00
44	Recoat Metal Galvanized Roof (Treating Rusted Areas and Repairing Seams/Fasteners Separate) with White					
	Labor & Material	Per 100 SF	Per SF	\$ 376.75	\$ 450.00	\$ 425.00
45	Provide and Install Hypalon Flashing to Existing Curbing and Flashing in at Base into					
	1" - 6"	Height		\$ 15.00	\$ 25.00	\$ 23.00
	7" - 12"	Height		\$ 18.89	\$ 27.00	\$ 25.00
	13" - 18"	Height		\$ 25.62	\$ 29.00	\$ 27.00
	18" - 24"	Height		\$ 34.28	\$ 31.00	\$ 29.00
	25" - 30"	Height		\$ 42.30	\$ 33.00	\$ 31.00

BID 16M1, UNIT PRICE CONTRACT FOR ROOF REPLACEMENT/REPAIR
SUMMARY OF RENEWAL

Item #	Description	Quantity		CitiRoof	Heidler Roofing	Simpson of MD
	31" - 36"	Height		\$ 51.66	\$ 35.00	\$ 34.00
46	Remove Old EDPM and Install New EDPM Roofing Entire Roof Section not a Repair.	Per SF		\$ 15.00	\$ 9.00	\$ 8.00
47A	Remove Old and Install New 6" Seamless Commercial 24 gauge Metal Guttering	Per LF		\$ 19.58	\$ 25.00	\$ 19.00
	Remove Old and Install New 7" Seamless Commercial 24 gauge Metal Guttering	Per LF		\$ 20.56	\$ 25.00	\$ 26.00
	Remove Old and Install New 8" Seamless Commercial 24 gauge Metal Guttering	Per LF		\$ 21.59	\$ 25.00	\$ 32.00
47B	Furnish and Install Down Spouting for					
	6" Seamless Commercial 24 gauge Metal Guttering	Per LF		\$ 11.63	\$ 20.00	\$ 23.00
	7" Seamless Commercial 24 gauge Metal Guttering	Per LF		\$ 12.21	\$ 20.00	\$ 26.00
	8" Seamless Commercial 24 gauge Metal Guttering	Per LF		\$ 12.82	\$ 20.00	\$ 29.00
48A	Remove Old and Install New 6" Seamless Commercial Aluminum Guttering	Per LF		\$ 11.88	\$ 25.00	\$ 25.00
	Remove Old and Install New 7" Seamless Commercial Aluminum Guttering	Per LF		\$ 12.47	\$ 25.00	\$ 28.00
	Remove Old and Install New 8" Seamless Commercial Aluminum Guttering	Per LF		\$ 13.09	\$ 25.00	\$ 32.00
48B	Furnish and Install Down Spouting for					
	6" Seamless Commercial Aluminum Guttering	Per LF		\$ 10.75	\$ 20.00	\$ 25.00
	7" Seamless Commercial Aluminum Guttering	Per LF		\$ 11.29	\$ 20.00	\$ 29.00
	8" Seamless Commercial Aluminum Guttering	Per LF		\$ 11.85	\$ 20.00	\$ 31.00
49	Provide and Install Hypalon Flashing on Parapet Walls Including .50 Gauge Aluminum Anchor Strip at Top Pinned					
		1" to 12"		\$ 23.89	\$ 30.00	\$ 28.00
		13" - 18"		\$ 30.62	\$ 32.00	\$ 30.00
		19" - 24"		\$ 39.28	\$ 34.00	\$ 32.00
		25" - 36"		\$ 56.66	\$ 36.00	\$ 34.00
50	Provide Labor and Materials for Metal Work Associated with Roof Repairs - Architectural Tin	Work, Facia Metal,				
	Labor, Per Mechanic	Per Hour		\$ 127.00	\$ 65.00	\$ 68.00
	Material & Supplies Cost Plus O & P %			0%	0%	0%
51	Reinstall/Rebuild Roof Drain	Each		\$ 1,200.00	\$ 1,600.00	\$ 1,500.00
52	Metal Engineered Roof Retrofit	Sq. Ft.		\$ 17.28	\$ 38.50	\$ 32.00
53	EPDM on Portable Classroom	Sq. Ft.		\$ 11.00	\$ 10.50	\$ 8.75
54	Metal Roof on Portable Classroom	Sq. Ft.		\$ 22.28	\$ 14.00	\$ 9.00
55	Per Hour Labor Rate for Work Not Specified			\$ 115.00	\$ 65.00	\$ 36.00
56	% Mark-Up for Material Not Specified			15%	18%	18%