

2023 CIPS

Emboss Design, PSC

FACILITIES UPGRADES

2024.01.04

PCA Project No. 2022-088

BG No. 23-062

ITEM NO.	FACILITY	WORK SCOPE	QUANTITY	UNIT	COST/UNIT	ORIGINAL NEW CONSTRUCTION	RADIUS & CMTA ESTIMATES	EMBOSS ADJUSTED	DELTA	EMBOSS RECOMMENDATIONS	
01	Holmes H.S.	Softball Field - Title 9 Issues Resolution									
01A	Holmes H.S.	Pressbox/Bleachers	1	Lump Sum	375,000	375,000.00	205,000.00	375,000.00	0.00		
01B	Holmes H.S.	Dugouts	1	Lump Sum	90,000	90,000.00	60,000.00	90,000.00	0.00		
01C	Holmes H.S.	Softball Field	1	Lump Sum	716,500	716,500.00	265,000.00	716,500.00	0.00		
01D	Holmes H.S.	Testing and Controls	1	Lump Sum	80,000	80,000.00	80,000.00	80,000.00	0.00		
01E	Holmes H.S.	Earthwork and Site Development	1	Lump Sum	500,000	500,000.00	750,000.00	750,000.00	250,000.00		
01F	Holmes H.S.	Landscaping	1	Lump Sum	26,500	26,500.00	26,500.00	26,500.00	0.00		
01G	Holmes H.S.	Site amenities	1	Lump Sum	23,000	23,000.00	23,000.00	23,000.00	0.00		
01H	Holmes H.S.	Access road/ADA Ramp	1	Lump Sum	100,000	100,000.00	100,000.00	100,000.00	0.00		
01I	Holmes H.S.	ADA Lift (if required)	1	Lump Sum	15,000	15,000.00	15,000.00	15,000.00	0.00		
01J	Holmes H.S.	Misc. (unknowns)	1	Lump Sum	100,000	100,000.00	100,000.00	100,000.00	0.00		
01K	Holmes H.S.	8'-0" H. Fence enclosure of Softball Field	1	LF	65,307	65,307.00	65,307.00	65,307.00	0.00		
01L	Holmes H.S.	Musco Lights	1	Lump Sum	294,000	294,000.00	350,000.00	0.00	-294,000.00		
01M	Holmes H.S.	Backstop wall footing - 24"X30" trench footing	114	LF	45.00	5,130.00	5,130.00	5,130.00	0.00		
01N	Holmes H.S.	Backstop cmu wall	380	SF	19.00	7,220.00	7,220.00	7,220.00	0.00		
01O	Holmes H.S.	Backstop padding	1	LUMP SUM	2,500.00	2,500.00	2,500.00	2,500.00	0.00		
01P	Holmes H.S.	Netting, poles, and foundation	1	LUMP SUM	75,000.00	75,000.00	190,000.00	75,000.00	0.00		
01Q	Holmes H.S.	PA system	1	LUMP SUM	75,000.00	75,000.00	75,000.00	75,000.00	0.00		
01R	Holmes H.S.	Scoreboard and supports	1	LUMP SUM	20,000.00	20,000.00	50,000.00	50,000.00	30,000.00		
01S	Holmes H.S.	Electric feed to lights	1	LUMP SUM	25,000.00	25,000.00	0.00	0.00	-25,000.00		
01T	Holmes H.S.	Windscreen on outfield fence	1	LUMP SUM	5,000.00	5,000.00	5,000.00	5,000.00	0.00		
01U	Holmes H.S.	Plumbing (CMTA)	1	LUMP SUM	0.00	0.00	25,000.00	25,000.00	25,000.00		
01V	Holmes H.S.	Electrical (CMTA)	1	LUMP SUM	0.00	0.00	646,200.00	646,200.00	646,200.00	3,232,357.00	Total
02	Holmes H.S.	Install new electrical service and switchgear	1	Lump Sum	146,000.00	See BG23-066	See BG23-066				
03	Holmes H.S.	Renovate Auditorium stage floor, sound, lighting, etc.	5,438	SF	100.00	543,800.00	397,400.00	397,400.00	-146,400.00		
03A	Holmes H.S.	Electrical (CMTA)					67,200.00	67,200.00	67,200.00		
03B	Holmes H.S.	Mechanical (CMTA)					30,000.00	30,000.00	30,000.00		
03C	Holmes H.S.	Plumbing (CMTA)					38,400.00	38,400.00	38,400.00	533,000.00	Total
04	Holmes H.S.	Renovate restrooms				Below	Below				
04A	Holmes H.S.	Renovate Senior Building restrooms	1	Lump Sum	586,098.00	586,098.00	535,100.00	535,100.00	-50,998.00		
04B	Holmes H.S.	Renovate Chapman Building restrooms	1	Lump Sum	258,507.00	258,507.00	See BG23-406				
04C	Holmes H.S.	Electrical (CMTA)					115,080.00	115,080.00	115,080.00		
04D	Holmes H.S.	Mechanical (CMTA)					16,440.00	16,440.00	16,440.00		
04E	Holmes H.S.	Plumbing (CMTA)					81,120.00	81,120.00	81,120.00	747,740.00	Total
05	Holmes H.S.	Renovate Sr. Gym/Classroom to include, but not limited to: Interior finishes, Gym flooring, Lighting and Goals.	4,774	SF	75.00	358,050.00	Below				
06	Holmes H.S.	Renovate weight room and locker room to support Physical Education programs. Radius combined into one cost	5,486	SF	125.00	685,750.00	1,456,250.00	1,456,250.00	412,450.00		
		Electrical combined into one cost (CMTA)					656,040.00	656,040.00	656,040.00		
		Mechanical combined into one cost (CMTA)					78,100.00	78,100.00	78,100.00		
		Plumbing combined into one cost (CMTA)					374,880.00	374,880.00	374,880.00	2,565,270.00	Total
06A	Holmes H.S.	Patch, paint-classroom walls	33	EA	6,000.00	198,000.00	454,000.00	454,000.00	256,000.00		
06B	Holmes H.S.	Patch, paint classroom ceilings	30	EA	4,000.00	120,000.00	0.00	120,000.00	0.00		
06C	Holmes H.S.	Floor replacement	22	EA	5,000.00	110,000.00	126,800.00	126,800.00	16,800.00		
06D	Holmes H.S.	Install drop ceiling with lights	3	EA	8,700.00	26,100.00	0.00	0.00	-26,100.00		
06E	Holmes H.S.	Demolition					43,600.00	43,600.00	43,600.00		
06F	Holmes H.S.	Carpentry (Casework, sills)					12,900.00	47,680.00	47,680.00		
06G	Holmes H.S.	Acoustical Ceiling					6,300.00	6,300.00	6,300.00		
06H	Holmes H.S.	Painting					53,400.00	53,400.00	53,400.00		
06I	Holmes H.S.	Tack & Marker Boards					59,200.00	59,200.00	59,200.00		
06J	Holmes H.S.	Roller Shades					52,800.00	52,800.00	52,800.00		
06K	Holmes H.S.	Electrical (CMTA)					520,835.00	520,835.00	520,835.00		
06L	Holmes H.S.	Louvers and Grills (CMTA)					17,400.00	17,400.00	17,400.00	Postpone this work	
07	Holmes M.S.	Sink replacement in all student restrooms	1	Lump Sum	77,000.00	77,000.00	Included in 04	Included in 04	0.00		
08	Holmes M.S.	Replace wooden classroom floors with VCT					0.00	0.00	0.00		
08A	Holmes M.S.	Patch, paint-classroom walls	41	EA	6,000.00	246,000.00	564,700.00	564,700.00	318,700.00		
08B	Holmes M.S.	Patch, paint classroom ceilings	30	EA	4,000.00	120,000.00	0.00	120,000.00	0.00		
08C	Holmes M.S.	Floor replacement	20	EA	5,000.00	100,000.00	129,400.00	194,100.00	94,100.00		
08D	Holmes M.S.	Office Area of 3rd Floor of the Admin Bldg	729	SF	6.00	4,374.00	See BG23-066	0.00	-4,374.00		
08E	Holmes M.S.	Demolition					39,500.00	39,500.00	39,500.00		
08F	Holmes M.S.	Carpentry (Casework, sills)					12,900.00	123,120.00	123,120.00		
08G	Holmes M.S.	Painting					67,600.00	67,600.00	67,600.00		
08H	Holmes M.S.	Tack & Marker Boards					39,700.00	39,700.00	39,700.00		
08I	Holmes M.S.	Roller Shades					53,900.00	53,900.00	53,900.00		
08J	Holmes M.S.	Electrical (CMTA)					681,490.00	681,490.00	681,490.00		
08K	Holmes M.S.	Louvers and Grills (CMTA)					25,200.00	25,200.00	25,200.00	Postpone this work	
09	Glenn O. Swing	Upgrade all restrooms				See BG23-065	See BG23-065				
09A	Glenn O. Swing	West boys restroom	318	SF	195.00						
09B	Glenn O. Swing	West girls restroom	327	SF	195.00						
09C	Glenn O. Swing	East boys restroom	225	SF	195.00						
09D	Glenn O. Swing	East girls restroom	285	SF	195.00						
09E	Glenn O. Swing	Corridor ADA restroom	40	SF	195.00						
09F	Glenn O. Swing	Kitchen restroom	40	SF	195.00						
10	Glenn O. Swing	Replace gym floor with multipurpose floor	4,141	SF	9.50	See BG23-065	See BG23-065				
11	Holmes H.S.	Replace front entry to Cafeteria: Steps, Landing, Porch, etc.	3,000	SF	100.00	300,000.00	742,300.00	742,300.00	442,300.00		
11A	Holmes H.S.	Electrical (CMTA)					14,352.00	14,352.00	14,352.00	Postpone this work	
12	Holmes H.S.	Replace air handler & condensing unit in the Gym / Science Addition Training Room	1	Lump Sum	68,000.00	See BG23-066	See BG23-066?	Not actually part of that work			
13	Holmes H.S.	Replace Gym / Science Addition transformer, which serves physical education and other education spaces	1	Lump Sum	85,000.00	See BG23-066	See BG23-066?	Not actually part of that work			
17	Holmes M.S.	Replace damaged storm line at west end of building.	365	LF	50.00	18,250.00	18,250.00	30,000.00	30,000.00		
18	Holmes H.S.	Replace all uni-vents in Administration building	1	Lump Sum	2,881,000.00	See BG23-066	See BG23-066				
19	Holmes H.S.	Replace all hallway electric heaters in the Administration building	Included in replacement of uni-vents in the Administration building			See BG23-066	See BG23-066				
20	Holmes H.S.	Replace all heat pumps in the Vocational building	1	Lump Sum	1,016,000.00	See BG23-406	See BG23-406				
21	Transportation Center	Windows, doors, porch replacement, restroom renovation, kitchen renovation, roof and gutters, basement waterproofing, garage repairs	1	Lump Sum	876,002.00	See BG23-065	See BG23-065				
22	Holmes M.S.	Secure Office					90,900.00	90,900.00	90,900.00		
22A	Holmes M.S.	Architectural Scope				0.00					

	SUB-TOTAL	6,352,086.00	10,287,507.00	11,440,114.00	5,411,785.00	7,272,137.00	
CONTINGENCY FOR UNKNOWNNS AT THIS POINT IN THE PROJECT (ALL OF ORIGINAL)		1,170,425.25				254,524.80	3.5% Design Level Cont.
	SUB-TOTAL	7,522,511.25	10,287,507.00	11,440,114.00		7,526,661.80	Subtotal
			1,234,500.84	1,372,813.68		903,199.42	12% General Conditions & Management Fee
	OH&P at 15%	1,931,201.66	617,250.42	686,406.84		451,599.71	6% OH&P
			12,139,258.26	13,499,334.52		8,881,460.92	Subtotal
			97,150.48	108,035.17		71,078.33	0.80% PP Bond
	TOTAL	9,453,712.91	12,236,408.74	13,607,369.69		8,952,539.25	TOTAL

QUALIFICATIONS

- Costs for toilet room renovations were based on the bids received from the 2017 renovations and escalated for inflation.
- Estimate does not necessarily reflect current inflationary trends and supply-chain conditions.
- Does not include the removal and reinstallation of any existing furniture within the areas being renovated.
- Abatement costs are estimated and not based on defined scope.

SOFT COSTS	Base Fee Percentage	Reno Factor	Fee Percentage	Fee Percentage			
1. Total Construction Cost			9,453,712.70	13,607,369.69		8,952,539.25	
2. Construction Contingency			472,685.64	5,000	680,368.48	447,626.96	
3. Architect / Engineer Fee	5.60%	1.250	7,000%	661,759.89	6.88%	935,506.67	570,450.90
4. CM Fee			0.00		0.00		
5. Fiscal Agent Fee			47,500.00		47,500.00	47,500.00	Needs updating from Compass
6. Bond Discount			172,267.52		172,267.52	172,267.52	Needs updating from Compass
7. Equipment/Furnishings			0.00	140,886.00		140,886.00	
8. Equipment/Computers			0.00	0.00		0.00	
9. Technology Network Sys. (KETS)			0.00	0.00		0.00	
10. Site Acquisition			0.00	0.00		0.00	
11. Site Survey			0.00			19,500.00	
12. Geotechnical Investigations			0.00	20,500.00		20,500.00	
13. Special Inspections			189,074.25	50,000.00		50,000.00	
14. Commissioning			0.00	0.00		0.00	
15. Advertising			0.00			1,000.00	
16. Printing			0.00			1,500.00	
17. Other - Asbestos Abatement			35,000.00	140,000.00		35,000.00	Estimated. No classrooms
18. Other - Bank & Rating Fees			23,000.00	23,000.00		23,000.00	Needs updating from Compass
19. Other - (Fees for A/E work completed but not bid)			0.00	0.00		169,349.81	
TOTAL SOFT COSTS			1,601,287.29	2,210,028.67		1,698,581.20	
TOTAL BG-1 COSTS			11,054,999.99	15,817,398.37		10,651,120.45	
						(403,879.55)	Over(Under) BG-1 Costs