

PROPOSED PROJECTS SUMMARY

CET Elementary School

Board Agreement	ID NUMBER	DESCRIPTION SUMMARY (For further explanation of work see "Detail" report)	ITEM COST*	Cost + Design Contingency 20%	Escalation 11.88%	Construction Total	Year
X	SS 2	Main Asphalt Parking Lot: Replace 16,000 sf	\$128,000	153,600	18,248	171,848	2020
X	SS 2	Gravel Parking Lot: Upgrade 16,000 SF	\$48,000	57,600	6,843	64,443	2020
X	SS 8	Replace sidewalk	\$25,000	30,000	3,564	33,564	2020
X	SS 15	Location of Dumpsters: Relocate Work includes new 600 SF concrete pad, CMU retaining wall on two sides and chain-link fence all sides. Price based on 2014 alternate bid pricing)	\$35,000	42,000	4,990	46,990	2020
X	SS 16	Storage Building: Construct (3000 SF engineered metal building with electric, water, heat, includes foundation, slab, and sitework)	\$750,000	900,000	106,920	1,006,920	2019
X	SS 19	Resurface Track(based upon standard 6 lane running track)	\$200,000	240,000	28,512	268,512	2020
X	EB 2	Replace Rusted Steel Lintel	\$8,000	9,600	1,140	10,740	2020
X	EB 3	Exterior Brick Veneer: Repoint	\$75,000	90,000	10,882	100,882	2020
X	EB 3	Exterior Brick Veneer Replace and rebuild	\$7,500	9,000	1,068	10,068	2020
X	EB 4	1st Grade and Office Window Walls: replace storefront with insulated panels	\$520,000	624,000	74,131	698,131	2020
X	EB 4	3rd & 4th Grade Window Walls: Replace 2 story Curtain wall with insulated panels on all facades of this building wing	\$2,000,000	2,400,000	285,120	2,685,120	2019
X	EB 7	Gymnasium Doors: Replace replacement with FRP all exterior doors	\$22,000	26,400	3,136	29,536	2020
X	EB 7	Computer Room Doors: Replace	\$5,500	6,600	784	7,384	2020
X	EB 7	Custodian's Office Doors: Replace	\$5,500	6,600	784	7,384	2020
X	EB 7	Storage Doors: Replace	\$11,000	13,200	1,568	14,768	2020
X	EB 7	Exit Doors from Modular Wing: Replace	\$11,000	13,200	1,568	14,768	2020
X	BIC 1	Wire Glass (Code): Replace	\$100,000	120,000	14,256	134,256	2020
X	BIC 2	Interior Doors: Replace	\$132,000	158,400	18,818	177,218	2019
X	BIR 2	Concealed Spline Ceiling: Replace	\$32,000	38,400	4,562	42,962	2020
X	BIR 9	Casework: (1st Grade Wing) (each classroom is replacement of 30 LF of case work including student cubbies and sink)	\$162,000	194,400	23,095	217,495	2020
X	BIR 10	Vinyl Asbestos Tile (abatement): Replace	\$100,000	120,000	14,256	134,256	2020
X	E5	Add 10 wall mounted security lighting on exterior of the building that are currently lacking of lighting	\$18,850	22,380	2,659	25,039	2019
X	M1	Nurse's Office: Upgrade to Required Outdoor Air and Powered Exhaust. Rooftop energy recovery unit and associated ductwork with heating coil.	\$78,000	93,600	11,120	104,720	2019
X	M8	Gymnasium Air Handlers/Exhaust: Replace. Rooftop energy recovery units (4000 cfm each) with heating duct coils. Connect to existing ductwork in existing Mechanical room.	\$385,000	462,000	54,886	516,886	2019
X	M9	1951 Addition: Unit Ventilators: Replace with Central EPU Systems and VRF Cooling. Six rooftop energy recovery units (2000 cfm each) and associated ductwork with heating coils. Bypass VRF ductless air conditioning.	\$825,000	1,110,000	131,868	1,241,868	2019
X	M12	1951 Addition: HVAC Controls Upgrade to BDC. Connect to existing Honeywell system.	\$120,000	144,000	17,107	161,107	2019
X	M17	1954 Building: Crawspace: Provide Powered Ventilation. In-line exhaust fan (3000 cfm) and associated ductwork to exterior gooseneck outlet. New outdoor air inlet with motorized damper.	\$25,000	30,000	3,564	33,564	2019

PROPOSED PROJECTS SUMMARY

PVC Middle School

Board Agreement	ID NUMBER	DESCRIPTION SUMMARY (For further explanation of work see "Detail" report)	ITEM COST*	Cost + Design Contingency 20%	Escalation 11.88%	Construction Total	Year
X	SS 8	Concrete Sidewalks: Repair & Replace	\$62,600	75,000	8,910	83,910	2020
X	SS 9	Blk/ Slope/ Wall: Retain & Repair and repoint blk retaining walls 20' @ 30" high replace 8 slope tracks. Replace metal handrails 40 ft.	\$35,000	42,000	4,990	46,990	2019
X	SS 12	Timber Stair: Replace 11' and 10' concrete stairs @ 11' @ 11' slope including metal handrails	\$60,000	60,000	7,128	67,128	2019
X	SS 12	Wood Stair: Timber Courts: Replace with concrete site stairs and metal handrails 8 steps	\$8,000	9,600	1,140	10,740	2019
X	SS 13	Timber Retaining Wall/stair: Replace existing concrete site stair with new. 8 steps including metal handrails. Replace timber wall with stacked block retaining wall 30 LF.	\$25,000	30,000	3,584	33,584	2020
X	EB 2	Rusted Steel Lintels: Replace	\$2,000	2,400	285	2,685	2020
X	EB 6	Concrete Stairs/ Ramps/ Sidewalks: Replace	\$30,000	36,000	4,277	40,277	2020
X	EB 6	Replace Gutter 2004 addition 180 LF AT THIRD FLOOR ELEVATION	\$4,800	5,760	684	6,444	2020
X	BIC 1	Wire Glass (Code): Replace	\$90,000	108,000	12,830	120,830	2020
X	M0 2	Interior wood doors: Replace	\$88,000	105,600	12,545	118,145	2019
X	M0 3	Add full operation to locally windows and interior gutters in 22 windows. Sills are at floor level	\$38,000	39,600	4,704	44,304	2019
X	BIR 1	1939 Gymnasium Ceiling: Remove and Replace	\$52,500	63,000	7,484	70,484	2020
X	BIR 10	Vinyl Asbestos Tile (abatement): Replace	\$12,500	15,000	1,782	16,782	2020
X	BIR 15	Flat Screen/ Smart Board mounting frame: Add to all classrooms in 1939 building. Provide and mount frame to mount smart board to wall, work includes spot abatement of asbestos containing plaster walls required to mount frame.	\$140,000	168,000	19,958	187,958	2020
X	BIR 16	Innovation Lab: Renovate/convert classroom 228 work includes renovation of 1800 SF of existing classroom to support technology/3D printing innovation lab. Including casework, paint floor, lighting power and data and reconfiguring non load bearing partitions	\$225,000	270,000	32,076	302,076	2020
X	E2	Add site lighting poles between high school and middle school to eliminate dark spots	\$144,000	172,800	20,529	193,329	2021
X	E3	Add 6 light poles for walkway lighting along tennis courts	\$88,000	82,800	9,837	92,637	2021
X	M1	1939 Building: Replace Ducted Powered Exhaust Fans: Roof mounted exhausts (2000 cfm each)	\$67,200	80,640	9,580	90,220	2021
X	M2	1939 Building: Provide Fire Dampers in Classroom Exhaust Shafts	\$45,000	54,000	6,415	60,415	2019
X	M3	1939 Building: Provide Powered Ventilation for Rooms 221, 223, 224, 307, 308, 309, 319. Indoor Energy recovery units (400 cfm each) with associated ductwork and heating coils.	\$315,000	378,000	44,906	422,906	2019
X	M5	1939 Building: Steam piping replacement, access improvements, and insulation	\$310,500	372,600	44,265	416,865	2021
X	M7	1939 Building: Upgrade Remaining Pneumatic Control Systems to DDC and convert existing DDC system manufacturer to Honeywell as a single provider. Serving approximately 35,000 SF.	\$240,000	288,000	34,214	322,214	2021
X	M8 1	Sound/reading enclosure for reading center	\$75,000	90,000	10,892	100,892	2019
X	M10	1939 Building: Crawlspace: Provide powered ventilation. Two in-line exhaust fans (3000 cfm each) and associated ductwork to exterior goose-neck outlets. Two new outdoor air inlets with motorized dampers.	\$68,000	81,600	9,894	91,294	2021

PROJECTS SUMMARY

High School

Board Agreement	ID NUMBER	DESCRIPTION SUMMARY (For further explanation of work see "Detail" report)	ITEM COST*	Cost + Design Contingency 20%	Escalation 11.88%	Construction Total	Year
CROTON HARMON HIGH SCHOOL							
X	SS 1	Rebuild/repair stone site wall 1000 LF @ 3' high repair sections 50% and rest loose stones 5%.	\$180,000	180,000	21,384	201,384	2019
X	SS 16	Storage Building: replace storage container with building 750 SF pre-fabricated building include foundation/slab and site work. Electricity only	\$112,500	135,000	16,038	151,038	2020
X	BIC 1	Wire Glass (Code): Replace	\$75,000	90,000	10,692	100,692	2020
X	BIC 2	Interior Wood Doors: Replace	\$141,000	171,600	20,366	191,966	2019
X	BIR 4	Replace Gymnasium bleachers 100 LF of bleachers @12 tiers	\$100,000	120,000	14,256	134,256	2020
X	BIR 5	Replace Gymnasium floor	\$137,000	165,120	19,616	184,736	2019
X	BIR 6	Library: Renovate computer lab-Work includes removal of desk top computers and tables, new finishes/paint/carpet	\$62,500	75,000	8,910	83,910	2020
X	BIR 6	Library: Provide acoustic improvements	\$80,000	96,000	11,405	107,405	2020
X	BIR 6	Library: Reconfiguration of space created from partial elimination and relocation of books/stacks, new finishes/paint/carpet.	\$420,000	504,000	59,875	563,875	2020
X	BIR 7	Multi use-Toilet Rooms: Renovate replacement all finishes, fixtures, etc. new plumbing to existing waste stacks and domestic water risers. Assume tile 5'-0" wainscot all walls.	\$500,000	600,000	71,280	671,280	2020
X	BIR 9	Casework: Replace	\$27,500	33,000	3,920	36,920	2020
X	P1	1924 Building: Galvanized Pipes and Valves: Replace. Estimated 800 LF of 1.5 inch copper type "L" pipe, with insulation.	\$46,000	54,000	6,415	60,415	2021
X	P2	1924 Building: Boiler Room Floor Drains: Upgrade. Replace two floor drains, including saw cutting floor and providing new 4" piping (50 LF) to existing sump pump.	\$22,000	26,400	3,136	29,536	2021
X	P4	1996 Addition: Dedicated Domestic Water Heater: Upgrade. Provide one 200,000 btuh heater and one 100 gallon storage tank, including pumps and appurtenances.	\$75,000	90,000	10,692	100,692	2021
X	E6	Replace entire Fire Alarm System in the building	\$750,000	900,000	106,920	1,006,920	2019
X	M1	1924 Building: Provide Ducted Powered Exhaust. Five rooftop exhaust fans (3,000 cfm each) and associated ductwork.	\$125,000	150,000	17,820	167,820	2019
X	M2	1924 Building: Provide Required Outdoor Air Ventilation. Two rooftop air handlers (7500 cfm each) and associated ductwork.	\$245,000	294,000	34,927	328,927	2019
X	M3	1924 Building: Special Ed 105 and 105A: Provide energy recovery unit ventilation and air conditioning. Rooftop unit with associated ductwork and split system duct coil.	\$50,000	60,000	7,128	67,128	2019
X	M4	1924 Building: Science Rooms 310, 311, 312: Provide Dedicated Powered Exhaust. Rooftop exhaust fan (1200 cfm) and associated ductwork.	\$25,000	30,000	3,564	33,564	2019
X	M5	1924 Building: Rooms 214 thru 218: Provide Ducted Powered Exhaust. Two rooftop exhaust fans (1200 cfm each) and associated ductwork.	\$55,000	66,000	7,841	73,841	2019
X	M6	1924 Building: Steam piping replacement, access improvements, and insulation.	\$207,000	248,400	29,510	277,910	2021

PROJECTS SUMMARY

High School

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CROTON HARMON HIGH SCHOOL							
X	M7	1924 Building: Remaining Pneumatic Controls to BGC Upgrade. Approximately 16,000 SF area. Connect to existing Honeywell building management system.	\$75,000	90,000	10,692	100,692	2021
X	M8	1924 Building: Boiler Room: Replace existing burners with dual-fuel type. Burners (4,000 MBH) each.	\$66,700	66,640	7,941	74,781	2021
X	M9	1924 Building: Community Room: Provide Ventilation and/A/C Systems. Four-ton packaged rooftop HVAC unit and associated ductwork and steam heating coil. Supplemental 2.5-ton ductless split cooling system.	\$160,000	180,000	21,384	201,384	2021
X	M15	Server Rooms: Provide Independent Cooling Systems. Currently three rooms on one condensing unit. Add two condensing units and make each room independent systems. Keep indoor fan coils.	\$38,400	46,080	5,474	51,554	2019
X	M20	Abate steam risers in HS classrooms	\$80,000	72,000	8,554	80,554	2019

PROJECTS SUMMARY

District Office

Board Agreement	ID NUMBER	DESCRIPTION SUMMARY (For further explanation of work see "Detail" report)	TOTAL QUANTITY	UNIT	\$/UNIT	ITEM COST	Cost + Design Contingency 20%	Escalation 11.88%	Construction Total	Fee	Year
X	EB 9	Exterior Sillcoor: Repair Bird Damage	20	SF	125.00	\$2,500	3,000	356	3,356	235	2021
X	BIR 13	Lobby: Renovele	300	SF	250.00	\$75,000	80,000	10,692	100,692	7,048	2020
X	M 14	Handicap urinal: Replacem	3	EA	30,000.00	\$90,000	108,000	12,830	120,830	8,458	2021

PROJECTS SUMMARY

Transportation Building

Board Agreement	ID NUMBER	DESCRIPTION SUMMARY (For further explanation of work see "Detail" report)	ITEM COST*	Cost + Design Contingency 20%	Escalation 11.88%	Construction Total	Year
TRANSPORTATION FACILITY							
X	SS 4	Underground Storm Drainage: Replace	\$30,000	36,000	4,277	40,277	2020
X	EB 10	Exterior Metal Siding: Repair	\$16,875	20,250	2,406	22,656	2020
X	EB 11	Exterior Metal siding: Paint	\$31,500	37,800	4,491	42,291	2020
X	P 17	Septic System Upgrade	\$250,000	300,000	35,640	335,640	2020