

08-21-2012

Lincoln Public Schools
Lincoln, MA
Repairs Analysis

GSF

Consultant: Maguire Company

129,143

Building, Project, Cost

Code	Description	Assembly Cost	Category 1 thru 7	Category 1	Category 2	Category 3	Category 4	Category 5	Category 6	Category 7	Alternates
				1	2	3	4	5	6	7	
024100	Demolition	\$ 251,172		\$85,693	\$0	\$121,092	\$205,213	\$0	\$0	\$41,133	\$0
	Demo extg precast wall panels	\$ 47,500	1	\$85,693	\$0	\$0	\$0	\$0	\$0	\$0	
	Demo extg CMU veneer	\$ 22,800	7	\$0	\$0	\$0	\$0	\$0	\$0	\$41,133	
	Demo extg flooring, VCT, partial	\$ 100,000	4	\$0	\$0	\$0	\$180,407	\$0	\$0	\$0	
	Demo extg flooring, carpet	\$ 2,550	3	\$0	\$0	\$4,600	\$0	\$0	\$0	\$0	
	Demo extg MEP systems, cut/cap/drop by others	\$ 64,572	3	\$0	\$0	\$116,492	\$0	\$0	\$0	\$0	
	Demo auditorium seating	\$ 13,750	4	\$0	\$0	\$0	\$24,806	\$0	\$0	\$0	
024100	Abatement	\$ 311,233		\$0	\$0	\$221,901	\$0	\$0	\$339,586	\$0	\$0
	Remove exterior windows including caulking	\$ 59,000	3	\$0	\$0	\$106,440	\$0	\$0	\$0	\$0	
	Roof flashing, allowance	\$ 20,000	3	\$0	\$0	\$36,081	\$0	\$0	\$0	\$0	
	Misc. caulking removal	\$ 44,000	3	\$0	\$0	\$79,379	\$0	\$0	\$0	\$0	
	Extg ceiling tiles, 1' x 1'	\$ 59,090	6	\$0	\$0	\$0	\$0	\$0	\$106,603	\$0	
	MEP Abatement & unknown conditions	\$ 129,143	6	\$0	\$0	\$0	\$0	\$0	\$232,983	\$0	
031000	Concrete Formwork	\$ 61,300		\$0	\$0	\$38,427	\$0	\$0	\$72,163	\$0	\$0
	New exterior concrete ramps w/ frost walls, 40 LF EA	\$ 40,000	6	\$0	\$0	\$0	\$0	\$0	\$72,163	\$0	
	Generator pad, exterior	\$ 3,000	3	\$0	\$0	\$5,412	\$0	\$0	\$0	\$0	
	New exterior conc walks as req'd for temp classrooms, 300 LF	\$ 10,800	3	\$0	\$0	\$19,484	\$0	\$0	\$0	\$0	
	Equipment pads	\$ 7,500	3	\$0	\$0	\$13,531	\$0	\$0	\$0	\$0	
032000	Concrete Flatwork	\$ 350,000		\$0	\$0	\$0	\$631,426	\$0	\$0	\$0	\$0
	Floor leveling, patching from demo	\$ 150,000	4	\$0	\$0	\$0	\$270,611	\$0	\$0	\$0	
	Moisture mitigation as required	\$ 200,000	4	\$0	\$0	\$0	\$360,815	\$0	\$0	\$0	
040000	Masonry	\$ 272,591		\$0	\$0	\$0	\$0	\$0	\$313,531	\$178,242	\$0
	New CMU veneer on concrete brick-shelf including rigid wall insulation on vertical channels	\$ 98,800	7	\$0	\$0	\$0	\$0	\$0	\$0	\$178,242	
	New infill's and patching of extg CMU walls as req'd	\$ 53,700	6	\$0	\$0	\$0	\$0	\$0	\$96,879	\$0	
	Reinforcing of extg exterior CMU walls, approx. 4' OC		6	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	Rebar materials for above reinforcing work	\$ 8,551	6	\$0	\$0	\$0	\$0	\$0	\$15,426	\$0	
	Saw cutting of extg CMU wall for above reinforcing work	\$ 49,560	6	\$0	\$0	\$0	\$0	\$0	\$89,410	\$0	
	Install new rebar and grout fill at locations	\$ 61,980	6	\$0	\$0	\$0	\$0	\$0	\$111,816	\$0	
051000	Structural Steel Framing	\$ -		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		\$ -		\$0	\$0	\$0	\$0	\$0	\$0	\$0	
055000	Metal Fabrications	\$ 751,583		\$942,628	\$0	\$0	\$0	\$0	\$413,282	\$0	\$0
	New metal wall panels including rigid insulation, interior high-impact board on plywood	\$ 522,500	1	\$942,628	\$0	\$0	\$0	\$0	\$0	\$0	

	Reinforce extg CMU walls with bolts/angles, 4' OC		6	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	Reinforcing CMU walls, materials for above work	\$ 106,550	6	\$0	\$0	\$0	\$0	\$0	\$0	\$192,224	\$0	
	Reinforcing CMU walls, labor for above work	\$ 122,533	6	\$0	\$0	\$0	\$0	\$0	\$0	\$221,058	\$0	
061000	Rough Carpentry	\$ 251,037		\$0	\$0	\$208,262	\$0	\$0	\$0	\$244,627	\$0	\$0
	New blocking for exterior storefront windows, operable	\$ 15,000	3	\$0	\$0	\$27,061	\$0	\$0	\$0	\$0	\$0	
	Interior temporary partitions and barriers	\$ 63,000	3	\$0	\$0	\$113,657	\$0	\$0	\$0	\$0	\$0	
	Support for other trades	\$ 37,440	3	\$0	\$0	\$67,544	\$0	\$0	\$0	\$0	\$0	
	Auditorium, Low roof reinforcing, materials	\$ 34,932	6	\$0	\$0	\$0	\$0	\$0	\$0	\$63,020	\$0	
	Auditorium, Low roof reinforcing, labor	\$ 57,000	6	\$0	\$0	\$0	\$0	\$0	\$0	\$102,832	\$0	
	Auditorium, staging/lifts and access for work	\$ 43,665	6	\$0	\$0	\$0	\$0	\$0	\$0	\$78,775	\$0	
064000	Interior Architectural Woodwork	\$ 144,000		\$0	\$0	\$259,787	\$0	\$0	\$0	\$0	\$0	\$0
	Classroom, built-ins replace - allow 10%	\$ 144,000	3	\$0	\$0	\$259,787	\$0	\$0	\$0	\$0	\$0	\$0
075000	Roofing	\$ 2,537,242		\$0	\$0	\$4,086,115	\$491,256	\$0	\$0	\$0	\$0	\$0
	Demo extg roofing (measured on surface)	\$ 269,256	3	\$0	\$0	\$485,757	\$0	\$0	\$0	\$0	\$0	\$0
	New roofing, EPDM	\$ 1,133,874	3	\$0	\$0	\$2,045,592	\$0	\$0	\$0	\$0	\$0	\$0
	New roofing, Asphalt shingles	\$ 429,096	3	\$0	\$0	\$774,121	\$0	\$0	\$0	\$0	\$0	\$0
	Additional new insulation requirements	\$ 361,557	3	\$0	\$0	\$652,275	\$0	\$0	\$0	\$0	\$0	\$0
	Flashing, downspouts and gutters	\$ 24,104	3	\$0	\$0	\$43,485	\$0	\$0	\$0	\$0	\$0	\$0
	Roof MEP penetrations. Flashing	\$ 12,052	3	\$0	\$0	\$21,743	\$0	\$0	\$0	\$0	\$0	\$0
	Replace Field House roofing	\$ 272,304	4	\$0	\$0	\$0	\$491,256	\$0	\$0	\$0	\$0	\$0
	Walker pads	\$ 35,000	3	\$0	\$0	\$63,143	\$0	\$0	\$0	\$0	\$0	\$0
079200	Joint Sealants	\$ 56,600		\$0	\$0	\$102,111	\$0	\$0	\$0	\$0	\$0	\$0
	Exterior perimeter sealants, windows	\$ 5,000	3	\$0	\$0	\$9,020	\$0	\$0	\$0	\$0	\$0	\$0
	Exterior perimeter sealants, dissimilar materials	\$ 17,200	3	\$0	\$0	\$31,030	\$0	\$0	\$0	\$0	\$0	\$0
	Interior sealants and caulking	\$ 34,400	3	\$0	\$0	\$62,060	\$0	\$0	\$0	\$0	\$0	\$0
081000	Doors, Frames and Hardware	\$ 139,000		\$0	\$0	\$0	\$0	\$0	\$0	\$250,766	\$0	\$0
	New doors into extg frames	\$ 65,000	6	\$0	\$0	\$0	\$0	\$0	\$0	\$117,265	\$0	\$0
	New hardware sets onto extg doors	\$ 40,000	6	\$0	\$0	\$0	\$0	\$0	\$0	\$72,163	\$0	\$0
	Install doors/hardware	\$ 34,000	6	\$0	\$0	\$0	\$0	\$0	\$0	\$61,338	\$0	\$0
088000	Glazing	\$ 444,020		\$0	\$0	\$692,800	\$0	\$0	\$0	\$108,244	\$0	\$0
	Exterior											
	Type B New exterior storefront windows, operable, new in c. 1970	\$ 335,790	3	\$0	\$0	\$605,790	\$0	\$0	\$0	\$0	\$0	\$0
	Type C New exterior storefront windows, operable, new in c. 1955	\$ 48,230	3	\$0	\$0	\$87,010	\$0	\$0	\$0	\$0	\$0	\$0
	Interior											
	Interior door glazing	\$ 60,000	6	\$0	\$0	\$0	\$0	\$0	\$0	\$108,244	\$0	\$0
092000	Gypsum Board Assemblies	\$ 165,044		\$0	\$0	\$154,645	\$0	\$0	\$0	\$143,106	\$0	\$0
	Extg interior GWB wall patching	\$ 23,220	3	\$0	\$0	\$41,891	\$0	\$0	\$0	\$0	\$0	\$0
	New GWB clgs and soffits	\$ 62,500	3	\$0	\$0	\$112,755	\$0	\$0	\$0	\$0	\$0	\$0
	Interior CMU wall strengthening		6	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Interior CMU wall strengthening, Sikawrap, furnish	\$ 33,244	6	\$0	\$0	\$0	\$0	\$0	\$0	\$59,974	\$0	\$0
	Interior CMU wall strengthening, Sikawrap, install	\$ 46,080	6	\$0	\$0	\$0	\$0	\$0	\$0	\$83,132	\$0	\$0

093000	Tiling	\$	31,000			\$0	\$0	\$55,926	\$0	\$0	\$0	\$0	\$0
	New tiling in toilet rooms, sizes varies												
	F104A	\$	6,200	3		\$0	\$0	\$11,185	\$0	\$0	\$0	\$0	\$0
	B140	\$	6,200	3		\$0	\$0	\$11,185	\$0	\$0	\$0	\$0	\$0
	B141	\$	6,200	3		\$0	\$0	\$11,185	\$0	\$0	\$0	\$0	\$0
	B150	\$	6,200	3		\$0	\$0	\$11,185	\$0	\$0	\$0	\$0	\$0
	B151	\$	6,200	3		\$0	\$0	\$11,185	\$0	\$0	\$0	\$0	\$0
095000	Acoustical Panel Ceiling	\$	141,816			\$0	\$0	\$127,923	\$0	\$0	\$127,923	\$0	\$0
	New ACT, 2 x 2 from removed 1 x 1's	\$	141,816	3,6		\$0	\$0	\$127,923	\$0	\$0	\$127,923	\$0	\$0
096500	Resilient Tile Flooring	\$	793,800			\$0	\$0	\$110,409	\$1,321,664	\$0	\$0	\$0	\$0
	New VCT flooring, per McGuire Grp	\$	600,000	4		\$0	\$0	\$0	\$1,082,444	\$0	\$0	\$0	\$0
	New rubber wall base	\$	10,000	4		\$0	\$0	\$0	\$18,041	\$0	\$0	\$0	\$0
	Stage, Refinish wood flooring	\$	12,800	4		\$0	\$0	\$0	\$23,092	\$0	\$0	\$0	\$0
	S100A Gym, Refinish wood flooring	\$	53,200	3		\$0	\$0	\$95,977	\$0	\$0	\$0	\$0	\$0
	Other areas, Refinish wood flooring	\$	8,000	3		\$0	\$0	\$14,433	\$0	\$0	\$0	\$0	\$0
	F101B Gym, New rubber flooring	\$	109,800	4		\$0	\$0	\$0	\$198,087	\$0	\$0	\$0	\$0
096800	Carpet	\$	67,410			\$0	\$0	\$0	\$121,613	\$0	\$0	\$0	\$0
	Auditorium New carpet, furnish	\$	21,690	4		\$0	\$0	\$0	\$39,130	\$0	\$0	\$0	\$0
	Auditorium New carpet, install	\$	10,845	4		\$0	\$0	\$0	\$19,565	\$0	\$0	\$0	\$0
	Offices/conf rooms carpet, furnish	\$	23,250	4		\$0	\$0	\$0	\$41,945	\$0	\$0	\$0	\$0
	Offices/conf rooms carpet, install	\$	11,625	4		\$0	\$0	\$0	\$20,972	\$0	\$0	\$0	\$0
099000	Painting	\$	267,242			\$117,265	\$0	\$182,430	\$182,430	\$0	\$0	\$0	\$0
	Interior												
	New painting, CMU walls, clgs, soffits	\$	195,000	1,3,4		\$117,265	\$0	\$117,265	\$117,265	\$0	\$0	\$0	\$0
	Exterior												
	Exterior façade/trim cleaning & painting as req'd	\$	72,242	3,4		\$0	\$0	\$65,165	\$65,165	\$0	\$0	\$0	\$0
101100	Specialties	\$	60,840			\$0	\$0	\$50,514	\$0	\$0	\$59,246	\$0	\$0
	Interior door signage	\$	15,000	3		\$0	\$0	\$27,061	\$0	\$0	\$0	\$0	\$0
	Directory signage	\$	9,000	3		\$0	\$0	\$16,237	\$0	\$0	\$0	\$0	\$0
	Interior wall signage	\$	4,000	3		\$0	\$0	\$7,216	\$0	\$0	\$0	\$0	\$0
	Specialties			4									
	Fire extinguisher cabinets	\$	2,800	6		\$0	\$0	\$0	\$0	\$0	\$5,051	\$0	\$0
	Grab bars	\$	3,040	6		\$0	\$0	\$0	\$0	\$0	\$5,484	\$0	\$0
	Toilet Partition, ADA	\$	27,000	6		\$0	\$0	\$0	\$0	\$0	\$48,710	\$0	\$0
110000	Equipment	\$	87,100			\$106,621	\$0	\$0	\$50,514	\$0	\$0	\$0	\$0
	New Kitchen & Dining, allowance			7		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	New Kitchen warming station equipment in extended space (1,400 SF)			3		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Renovate Kitchen warming station equipment in existing space (700 SF)	\$	59,100	1		\$106,621	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Auditorium Stage rigging system	\$	28,000	4		\$0	\$0	\$0	\$50,514	\$0	\$0	\$0	\$0
120000	Furnishings	\$	220,400			\$0	\$0	\$0	\$397,618	\$0	\$0	\$0	\$0
	New Auditorium Seating	\$	220,400	4		\$0	\$0	\$0	\$397,618	\$0	\$0	\$0	\$0
130000	Temporary Classroom Units	\$	1,656,000			\$0	\$0	\$0	\$0	\$0	\$0	\$2,987,545	\$2,987,545
	Temporary Classroom Units, 30 months	\$	1,656,000	7		\$0	\$0	\$0	\$0	\$0	\$0	\$2,987,545	\$2,987,545

140000	Conveying Equipment	\$ -		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		\$ -		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
210000	Fire Protection	\$ 968,573		\$0	\$0	\$0	\$0	\$0	\$1,747,376	\$0	\$0	\$0
	New sprinkler branch lines and heads	\$ 904,001	6	\$0	\$0	\$0	\$0	\$0	\$1,630,884	\$0	\$0	\$0
	Risers and main line piping, ETR											
	Coordination's/permits/fees/as-built	\$ 64,572	6	\$0	\$0	\$0	\$0	\$0	\$116,492	\$0	\$0	\$0
220000	Plumbing	\$ 1,361,350		\$131,388	\$0	\$826,150	\$1,498,438	\$0	\$0	\$0	\$0	\$0
	Replacement plumbing fixtures in extg locations											
	P1-P1A Toilet	\$ 134,200	2-3,3-4	\$0	\$0	\$121,053	\$121,053	\$0	\$0	\$0	\$0	\$0
	P2 - Urinal	\$ 26,000	2-3,3-4	\$0	\$0	\$23,453	\$23,453	\$0	\$0	\$0	\$0	\$0
	P3 - Lav	\$ 91,800	2-3,3-4	\$0	\$0	\$82,807	\$82,807	\$0	\$0	\$0	\$0	\$0
	PX-1 - Classroom Sinks including faucets	\$ 108,500	2-3,3-4	\$0	\$0	\$97,871	\$97,871	\$0	\$0	\$0	\$0	\$0
	Shower heads with master mixing valve, Boys	\$ 40,000	3	\$0	\$0	\$72,163	\$0	\$0	\$0	\$0	\$0	\$0
	Floor drains, Boys	\$ 40,000	3	\$0	\$0	\$72,163	\$0	\$0	\$0	\$0	\$0	\$0
	Shower trim, new piping to stalls, Girls	\$ 75,000	3	\$0	\$0	\$135,305	\$0	\$0	\$0	\$0	\$0	\$0
	Shower trim, new piping to stalls, M/W	\$ 10,000	4	\$0	\$0	\$0	\$18,041	\$0	\$0	\$0	\$0	\$0
	HW Heater @ Smith, 120 gal, 199 MBH, conn to extg	\$ 6,500	1	\$11,726	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Replacement H/C water piping, varied sizes	\$ 177,650	4	\$0	\$0	\$0	\$320,494	\$0	\$0	\$0	\$0	\$0
	New science areas & Prep Areas (4 EA), new faucets, HW/CW piping, new water heater, recirc pump, lab wastes to treatment tanks, new gas piping, new safety cabinets with safety shut-offs, solenoid valve & trip	\$ 260,000	4	\$0	\$0	\$0	\$469,059	\$0	\$0	\$0	\$0	\$0
	New drinking/hydration stations	\$ 40,500	1	\$73,065	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	New grease interceptors (2 EA), 600 gal and kitchen waste piping	\$ 80,000	4	\$0	\$0	\$0	\$144,326	\$0	\$0	\$0	\$0	\$0
	Upgrades to extg equipment & systems	\$ 193,715	1/2 -3, 1/2 -4	\$0	\$0	\$174,738	\$174,738	\$0	\$0	\$0	\$0	\$0
	Coordination's/permits/fees/as-built	\$ 77,486	split up	\$46,597	\$0	\$46,597	\$46,597	\$0	\$0	\$0	\$0	\$0
	ALTERNATE											
	PRIORITIZED CENTRAL SYSTEM Domestic HW Boiler (indirect) @ Brooks (including recirc system & new HW piping): deduct line #172: net add		7	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
230000	HVAC	\$ 3,306,065		\$937,614	\$0	\$1,250,364	\$1,516,013	\$0	\$0	\$2,260,391	\$0	\$0
	DEMOLITION											
	Demo extg systems w/ piping back to main & cap	\$ 64,572	2-3,3-4	\$0	\$0	\$58,246	\$58,246	\$0	\$0	\$0	\$0	\$0
	NEW WORK											
	EQUIPMENT											
	New AHU equipment to serve link, corridors, gym & admin areas only	\$ 715,000	1-1,2-3,3-4	\$429,971	\$0	\$429,971	\$429,971	\$0	\$0	\$0	\$0	\$0
	Classroom Unit Ventilators	\$ 360,000	2-3,3-4	\$0	\$0	\$324,733	\$324,733	\$0	\$0	\$0	\$0	\$0
	Exhaust fans	\$ 87,500	2-3,3-4	\$0	\$0	\$78,928	\$78,928	\$0	\$0	\$0	\$0	\$0
	Condensors	\$ 24,000	2-3,	\$0	\$0	\$43,298	\$0	\$0	\$0	\$0	\$0	\$0
	Condensors	\$ 40,000	2-3,	\$0	\$0	\$72,163	\$0	\$0	\$0	\$0	\$0	\$0
	Reheats	\$ 129,143	2-3,3-4	\$0	\$0	\$116,492	\$116,492	\$0	\$0	\$0	\$0	\$0

	Boiler system replacement/upgrades in Brooks Boiler Room including VFDs, pumps, expansion system, breeching, etc	\$ 190,000	3-4,	\$0	\$0	\$0	\$342,774	\$0	\$0	\$0	
	Boiler system replacement/upgrades in Smith Boiler Room including VFDs, pumps, expansion system, breeching, etc	\$ 190,000	1	\$342,774	\$0	\$0	\$0	\$0	\$0	\$0	
	ALTERNATES										
	Packaged Boiler Room Alternate for Smith Replacement - net add		7	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Single Central Boiler Room @ Brooks with Condensing Gas Fired Modular Boilers, VFD pumps, controls, new piping - net deduct		7	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	DUCTWORK & ACCESSORIES										
	New Galvanized Ductwork in all Admin Areas	\$ 560,000	7	\$0	\$0	\$0	\$0	\$0	\$0	\$1,010,281	
	Duct Insulation	\$ 192,500	7	\$0	\$0	\$0	\$0	\$0	\$0	\$347,284	
	PIPING										
	RTU & Unit Ventilators Piping w/ Insulation	\$ 82,500	1-1,2-3,3-4	\$49,612		\$49,612	\$49,612	\$0	\$0	\$0	
	New Boiler Piping w/ connections & insulation	\$ 42,500	1-1,3-4	\$38,337	\$0	\$0	\$38,337	\$0	\$0	\$0	
	Refrigerant Piping w/ Insulation	\$ 21,600	1-1,2-3,3-4	\$12,989		\$12,989	\$12,989	\$0	\$0	\$0	
	Supply/return distribution piping	\$ 45,000	1-1,2-3,3-4	\$27,061		\$27,061	\$27,061	\$0	\$0	\$0	
	DDC CONTROLS	\$ 480,000	7	\$0	\$0	\$0	\$0	\$0	\$0	\$865,955	
	MISCELLANEOUS										
	Mobilization	\$ 7,150	1,3,4	\$3,225	\$0	\$3,225	\$3,225	\$0	\$0	\$3,225	
	Rigging w/ equipment	\$ 24,000	1,3,4	\$10,824	\$0	\$10,824	\$10,824	\$0	\$0	\$10,824	
	Shop Drawings and Submittals	\$ 8,800	1,3,4	\$3,969	\$0	\$3,969	\$3,969	\$0	\$0	\$3,969	
	Inspections	\$ 11,000	1,3,4	\$4,961	\$0	\$4,961	\$4,961	\$0	\$0	\$4,961	
	Identification, cleaning	\$ 4,400	1,3,4	\$1,984	\$0	\$1,984	\$1,984	\$0	\$0	\$1,984	
	Testing and Balancing	\$ 13,200	1,3,4	\$5,953	\$0	\$5,953	\$5,953	\$0	\$0	\$5,953	
	Commissioning	\$ 13,200	1,3,4	\$5,953	\$0	\$5,953	\$5,953	\$0	\$0	\$5,953	
260000	Electrical	\$ 3,248,238		\$0	\$293,709	\$2,052,733	\$2,224,992	\$0	\$757,196	\$531,429	\$531,429
	POWER EQUIPMENT										
	New power equipment	\$ 258,286		\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	Brooks		2,4		\$116,492		\$116,492				
	Smith		3,4			\$116,492	\$116,492				
	POWER DISTRIBUTION FEEDERS										
	New power equipment	\$ 258,286		\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	Brooks		2,4		\$116,492		\$116,492				
	Smith		3,4			\$116,492	\$116,492				
	LIGHTING FIXTURES										
	Light fixtures, LED, furnish	\$ 1,033,144	2-3,3-4	\$0	\$0	\$931,934	\$931,934	\$0	\$0	\$0	
	Light fixtures, install	\$ 387,429	2-3,3-4	\$0	\$0	\$349,475	\$349,475	\$0	\$0	\$0	
	Light fixture wiring	\$ 226,000	2-3,3-4	\$0	\$0	\$203,860	\$203,860	\$0	\$0	\$0	
	Lighting Control Sensors	\$ -	6	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	Lighting Control Sensors	\$ 161,429	6	\$0	\$0	\$0	\$0	\$0	\$291,229	\$0	
	Switches	\$ 64,572	2-3,3-4	\$0	\$0	\$58,246	\$58,246	\$0	\$0	\$0	
	Receptacles	\$ 96,857	2-3,3-4	\$0	\$0	\$87,369	\$87,369	\$0	\$0	\$0	
	Branch wiring	\$ 142,057	2-3,3-4	\$0	\$0	\$128,141	\$128,141	\$0	\$0	\$0	

	New Fire Alarm system and FACP	\$ 258,286	6	\$0	\$0	\$0	\$0	\$0	\$465,967	\$0	
	Auditorium lighting	\$ 100,000	7	\$0	\$0	\$0	\$0	\$0	\$0	\$180,407	\$180,407
	LIFE SAFETY POWER GENERATION										
	75 KW generator, diesel w/ ATS and feeders	\$ 90,000	7	\$0	\$0	\$0	\$0	\$0	\$0	\$162,367	\$162,367
	Day tank	\$ 40,000	7	\$0	\$0	\$0	\$0	\$0	\$0	\$72,163	\$72,163
	ALTERNATE										
	LIGHTNING PROTECTION SYSTEM										
	Lightning protection	\$ 64,572	7	\$0	\$0	\$0	\$0	\$0	\$0	\$116,492	\$116,492
	Misc.										
	Rigging w/ equipment	\$ 12,000	2,3	\$0	\$10,824	\$10,824	\$0	\$0	\$0	\$0	
	Shop Drawings and Submittals	\$ 8,800	2,3	\$0	\$7,938	\$7,938	\$0	\$0	\$0	\$0	
	Inspections	\$ 4,400	2,3	\$0	\$3,969	\$3,969	\$0	\$0	\$0	\$0	
	Identification, cleaning	\$ 4,400	2,3	\$0	\$3,969	\$3,969	\$0	\$0	\$0	\$0	
	Temporary power+lighting	\$ 15,000	2,3	\$0	\$13,531	\$13,531	\$0	\$0	\$0	\$0	
	Seismic restrain-For equipment	\$ 10,000	2,3	\$0	\$9,020	\$9,020	\$0	\$0	\$0	\$0	
	Start-up (motors), testing, commissioning	\$ 7,932	2,3	\$0	\$7,155	\$7,155	\$0	\$0	\$0	\$0	
	Penetration through slabs, walls w/ cutting, sealing, patching+painting	\$ 4,789	2,3	\$0	\$4,319	\$4,319	\$0	\$0	\$0	\$0	
270000	Tel/Data System (Including Paging/PA)	\$ 619,886		\$0	\$0	\$232,983	\$232,983	\$0	\$0	\$652,354	\$652,354
	IT Outlets, cables, terminations and equipment	\$ 258,286	2-3,3-4	\$0	\$0	\$232,983	\$232,983	\$0	\$0	\$0	
	PUBLIC ADDRESS										
	Clocks/speaker/paging	\$ 297,029	7	\$0	\$0	\$0	\$0	\$0	\$0	\$535,862	\$535,862
	ALTERNATE										
	SECURITY SYSTEMS										
	Card readers/cameras/CCTV	\$ 64,572	7	\$0	\$0	\$0	\$0	\$0	\$0	\$116,492	\$116,492
310000	Earthwork	\$ 173,400		\$0	\$0	\$82,987	\$102,471	\$0	\$127,368	\$0	\$0
	E/B efforts and patching for new H/C exterior ramps w/ frost walls, 40 LFEA	\$ 10,600	6	\$0	\$0	\$0	\$0	\$0	\$19,123	\$0	\$0
	New FP water service, 6"	\$ 60,000	6	\$0	\$0	\$0	\$0	\$0	\$108,244	\$0	\$0
	New DM water service, 4"	\$ 30,000	4	\$0	\$0	\$0	\$54,122	\$0	\$0	\$0	\$0
	E/B efforts for new water service lines	\$ 26,800	4	\$0	\$0	\$0	\$48,349	\$0	\$0	\$0	\$0
	Temporary Classroom Units, grade prep/level	\$ 30,000	3	\$0	\$0	\$54,122	\$0	\$0	\$0	\$0	\$0
	Sidewalk restoration	\$ 16,000	3	\$0	\$0	\$28,865	\$0	\$0	\$0	\$0	\$0
		\$ 18,737,940		\$2,321,210	\$293,709	\$10,857,559	\$8,976,630	\$0	\$4,704,413	\$6,651,093	\$4,171,327

ADD / DEDUCT ALTERNATES												
110000	Equipment			\$0	\$0	\$524,985	\$0	\$0	\$0	\$4,762,753		\$4,762,753
	New Kitchen & Dining, allowance	\$ 2,640,000	7	\$0	\$0	\$0	\$0	\$0	\$0	\$4,762,753		\$4,762,753
	New Kitchen warming station equipment in extended space (1,400 SF)	\$ 291,000	3	\$0	\$0	\$524,985	\$0	\$0	\$0	\$0		\$0
220000	Plumbing			\$0	\$0	\$0	\$0	\$0	\$0	\$324,733		\$324,733
	PRIORITIZED CENTRAL SYSTEM Domestic HW Boiler (indirect) @ Brooks (including recirc system & new HW piping): deduct line #172: net add	\$ 180,000	7	\$0	\$0	\$0	\$0	\$0	\$0	\$324,733		\$324,733
230000	HVAC			\$0	\$0	\$0	\$0	\$0	\$0	\$1,185,502		\$1,185,502
	Packaged Boiler Room Alternate for Smith Replacement - net add	\$ 765,000	7	\$0	\$0	\$0	\$0	\$0	\$0	\$1,380,116		\$1,380,116
	Single Central Boiler Room @ Brooks with Condensing Gas Fired Modular Boilers, VFD pumps, controls, new piping - net deduct	\$ (107,875)	7	\$0	\$0	\$0	\$0	\$0	\$0	-\$194,614		-\$194,614