

Lexington High School School
Lexington, MA

October 9, 2024

PSR ESTIMATE
GRAND SUMMARY

	GSF	TOTAL
A.1 BASE REPAIR	352,000	\$231,768,061
RENOVATION & ADDITION:		
OPTION B.1 QUAD	440,816	\$508,457,930
OPTION B.4	440,816	\$505,214,287
NEW CONSTRUCTION:		
OPTION C.1d -Branch	440,816	\$480,112,421
OPTION C.2b - Braid	440,816	\$484,017,020
OPTION C.5b - Broom	440,816	\$479,480,566
OPTION D.2 - Phased in Place	440,816	\$521,450,374
BREAKOUT COST:		
OPT E CENTRAL OFFICE	20,700	\$17,426,965
OPT #1 F.1 FIELD HOUSE	36,000	\$29,665,692
OPT #2 F.2 FIELD HOUSE	72,000	\$55,701,328
OPT #3 FH3 ADD/RENOVATE FIELD HOUSE	48,000	\$32,540,753
OPT #4 FH.4 FIELD HOUSE	60,000	\$46,872,083
OPT G.0 RENOVATE FIELD HOUSE LONG TERM	34,000	\$21,811,305
OPT G.2 RENOVATE FIELD HOUSE 5-10 YR	34,000	\$2,008,250
OPT H.1 POOL	16,400	\$21,811,305
MASS TIMBER - SCOPE A (ALL STRUCT.)		\$26,884,351
MASS TIMBER - SCOPE B (HYBRID)		\$20,812,111
MASS TIMBER - SCOPE C (GYM/CAFÉ/MEDIA)		\$1,055,600

ALTERNATES:

NO.1 - IN LIEU OF GROUND SOURCE HEAT PUMP SYSTEM
SUBSTITUTUE AN AIR SOURCE HEAT PUMP SYSTEM (\$16,015,476)

NOTES AND ESTIMATE COMMENTS:

**NOTE - THERE ARE NO CALCULABLE PREMIUMS ASSOCIATED WITH THE RADIAL GEOMETRIES ON THE BRANCH, BLOOM AND BRAID OPTIONS.*

**NOTE - THE ABOVE COST ARE BASED UPON HISTORICAL CONSTRUCTION COSTS AND ARE OFFERED FOR ANALYSIS OF THE RESPECTIVE DELTA BETWEEN OPTIONS*

**NOTE - THE ABOVE COST ARE NOT INTENDED TO ESTABLISH THE OWNERS CONSTRUCTION BUDGET*

PSR
Lexington High School School
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9-Oct-24

Designer: SMMA

A.1 BASE REPAIR

	GSF		COST PER S.F.	TOTAL
RENOVATION	352,000	GSF	\$404.59	\$142,414,600
HAZARDOUS WASTE REMOVAL				\$2,074,140
SITEWORK		ALLOW		\$7,000,000
TOTAL DIRECT COST				----- \$151,488,740
CM CHPTR 149a				
ESCALATION (mid point of schedule)		8.4%		\$12,725,054
CM CONTINGENCY		3%		\$4,926,414
DESIGN CONTINGENCY		15%		\$24,632,069
GENERAL CONDITIONS	48	MOS	\$350,000	\$16,800,000
GENERAL REQUIREMENTS/PHASING		4.0%		\$8,422,891
BUILDING PERMIT	waived	waived		
P&P BOND & GL INSURANCE		2.75%		\$6,022,367
FEE		3%		\$6,750,526
TOTAL CONSTRUCTION COST				----- \$231,768,061
COST PER SF				\$658.43

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OPTION B.1

	GSF		COST PER S.F.	TOTAL
ADDITION & RENOVATION	440,816	GSF	\$637.67	\$281,096,272
HAZARDOUS MAT'L & SOILS				\$4,100,000
DEMOLITION	264,027	GSF	\$10.50	\$2,772,284
SITWORK				\$33,331,196
TOTAL DIRECT COST				----- \$321,299,752
CM CHPTR 149a				
ESCALATION (mid point of schedule)		12.9%		\$41,447,668
CM CONTINGENCY		3%		\$10,882,423
DESIGN CONTINGENCY		15%		\$54,412,113
GENERAL CONDITIONS	72	MOS	\$350,000	\$25,200,000
GENERAL REQUIREMENTS/PHASING		6.0%		\$27,194,517
BUILDING PERMIT	waived	waived		
P&P BOND & GL INSURANCE		2.75%		\$13,212,003
FEE		3%		\$14,809,454
TOTAL CONSTRUCTION COST				----- \$508,457,930
COST PER SF				\$1,153.45

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Designer: SMMA

OPTION B.4

	GSF		COST PER S.F.	TOTAL
ADDITION & RENOVATION	440,816	GSF	\$628.67	\$277,129,548
HAZARDOUS MAT'L & SOILS				\$4,100,000
DEMOLITION	264,027	GSF	\$10.50	\$2,772,284
SITWORK				\$32,674,218
TOTAL DIRECT COST				----- \$316,676,049
CM CHPTR 149a				
ESCALATION (mid point of schedule)		13.4%		\$42,434,591
CM CONTINGENCY		3%		\$10,773,319
DESIGN CONTINGENCY		15%		\$53,866,596
GENERAL CONDITIONS	76	MOS	\$350,000	\$26,600,000
GENERAL REQUIREMENTS/PHASING		6.0%		\$27,021,033
BUILDING PERMIT	waived	waived		
P&P BOND & GL INSURANCE		2.75%		\$13,127,719
FEE		3%		\$14,714,979
TOTAL CONSTRUCTION COST				----- \$505,214,287
COST PER SF				\$1,146.09

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OPTION C.1d

	GSF		COST PER S.F.	TOTAL
NEW CONSTRUCTION	440,816	GSF	\$636.11	\$280,407,364
HAZARDOUS MAT'L & SOILS				\$4,100,000
DEMOLITION	352,000	GSF	\$10.50	\$3,696,000
SITework				\$36,359,383
TOTAL DIRECT COST				----- \$324,562,747
CM CHPTR 149a				
ESCALATION (mid point of schedule)		10.25%		\$33,267,682
CM CONTINGENCY		3%		\$10,734,913
DESIGN CONTINGENCY		15%		\$53,674,564
GENERAL CONDITIONS	52	MOS	\$350,000	\$18,200,000
GENERAL REQUIREMENTS		3.0%		\$13,213,197
BUILDING PERMIT	waived	waived		
P&P BOND & GL INSURANCE		2.75%		\$12,475,460
FEE		3%		\$13,983,857
TOTAL CONSTRUCTION COST				----- \$480,112,421
COST PER SF				\$1,089.14

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OPTION C.2b

	GSF		COST PER S.F.	TOTAL
NEW CONSTRUCTION	440,816	GSF	\$641.50	\$282,784,476
HAZARDOUS MAT'L & SOILS				\$4,100,000
DEMOLITION	352,000	GSF	\$10.50	\$3,696,000
SITework				\$36,735,609
TOTAL DIRECT COST				----- \$327,316,085
CM CHPTR 149a				
ESCALATION (mid point of schedule)		10.25%		\$33,549,899
CM CONTINGENCY		3%		\$10,825,980
DESIGN CONTINGENCY		15%		\$54,129,898
GENERAL CONDITIONS	52	MOS	\$350,000	\$18,200,000
GENERAL REQUIREMENTS		3.0%		\$13,320,656
BUILDING PERMIT	waived	waived		
P&P BOND & GL INSURANCE		2.75%		\$12,576,919
FEE		3%		\$14,097,583
TOTAL CONSTRUCTION COST				----- \$484,017,020
COST PER SF				\$1,098.00

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OPTION C.5b

	GSF		COST PER S.F.	TOTAL
NEW CONSTRUCTION	440,816	GSF	\$635.80	\$280,272,182
HAZARDOUS MAT'L & SOILS				\$4,100,000
DEMOLITION	352,000	GSF	\$10.50	\$3,696,000
SITWORK				\$36,049,012
TOTAL DIRECT COST				----- \$324,117,194
CM CHPTR 149a				
ESCALATION (mid point of schedule)		10.25%		\$33,222,012
CM CONTINGENCY		3%		\$10,720,176
DESIGN CONTINGENCY		15%		\$53,600,881
GENERAL CONDITIONS	52	MOS	\$350,000	\$18,200,000
GENERAL REQUIREMENTS		3.0%		\$13,195,808
BUILDING PERMIT	waived	waived		
P&P BOND & GL INSURANCE		2.75%		\$12,459,042
FEE		3%		\$13,965,453
TOTAL CONSTRUCTION COST				----- \$479,480,566
COST PER SF				\$1,087.71

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OPTION D.2

	GSF		COST PER S.F.	TOTAL
NEW CONSTRUCTION	440,816	GSF	\$637.70	\$281,109,124
HAZARDOUS MAT'L & SOILS				\$4,100,000
DEMOLITION - PHASED	352,000	GSF	\$15.00	\$5,280,000
SITWORK				\$35,044,339
TOTAL DIRECT COST				----- \$325,533,463
CM CHPTR 149a				
ESCALATION (mid point of schedule)		13.90%		\$45,249,151
CM CONTINGENCY		3%		\$11,123,478
DESIGN CONTINGENCY		15%		\$55,617,392
GENERAL CONDITIONS	78	MOS	\$350,000	\$27,300,000
GENERAL REQUIREMENTS/PHASING		6.0%		\$27,889,409
BUILDING PERMIT	waived	waived		
P&P BOND & GL INSURANCE		2.75%		\$13,549,605
FEE		3%		\$15,187,875
TOTAL CONSTRUCTION COST				----- \$521,450,374
COST PER SF				\$1,182.92

PROJECT: Lexington High School School
 LOCATION: Lexington, MA
 CLIENT: SMMA
 DATE: 09-Oct-24

No.: 22025

SUMMARY

A. SUBSTRUCTURE

A10 - FOUNDATIONS

A1010 STANDARD FOUNDATIONS
 A1020 SPECIAL FOUNDATIONS
 A1030 SLAB ON GRADE

A20 - BASEMENT CONSTRUCTION

A2010 BASEMENT EXCAVATION
 A2020 BASEMENT WALLS

B. SHELL

B10 - SUPERSTRUCTURE

B1010 FLOOR CONSTRUCTION
 B1020 ROOF CONSTRUCTION

B20 - EXTERIOR ENCLOSURE

B2010 EXTERIOR WALLS
 B2020 EXTERIOR WINDOWS
 B2030 EXTERIOR DOORS

B30 - ROOFING

B3010 ROOF COVERINGS
 B3020 ROOF OPENINGS

C. INTERIORS

C10 - INTERIOR CONSTRUCTION

C1010 PARTITIONS
 C1020 INTERIOR DOORS
 C1030 FITTINGS

C20 - STAIRS

C2010 STAIR CONSTRUCTION
 C2020 STAIR FINISHES

C30 - INTERIOR FINISHES

C3010 WALL FINISHES
 C3020 FLOOR FINISHES
 C3030 CEILING FINISHES



OPT B.1 RENO/ADD ESTIMATE TOTAL	OPT B.4 RENO/ADD ESTIMATE TOTAL
\$12,419,650	\$12,377,724
\$0	\$0
\$3,577,013	\$3,725,762
\$0	\$0
\$0	\$0
\$12,912,022	\$11,156,563
\$9,411,998	\$8,807,248
\$22,060,650	\$19,639,242
\$10,259,745	\$9,084,743
\$455,600	\$455,600
\$8,269,243	\$8,893,667
\$249,250	\$249,250
\$19,261,782	\$20,859,982
\$4,781,804	\$4,781,804
\$6,258,011	\$6,206,450
\$1,368,000	\$1,368,000
\$386,400	\$386,400
\$7,493,872	\$7,493,872
\$6,612,240	\$6,612,240
\$6,612,240	\$6,612,240

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D. SERVICES

D10 - CONVEYING

D1010 ELEVATORS & LIFTS

D20 - PLUMBING

D2010 PLUMBING

D30 - HVAC

D3010 HVAC

D40 - FIRE PROTECTION

D4010 SPRINKLERS

D50 - ELECTRICAL

D5010 ELECTRICAL SERVICE & DISTRIBUTION

D5020 LIGHTING & BRANCH WIRING

D5030 COMMUNICATION & SECURITY

D5090 OTHER ELECTRICAL SYSTEMS

E. EQUIPMENT & FURNISHINGS

E10 - EQUIPMENT

E1010 COMMERCIAL EQUIPMENT

E1090 OTHER EQUIPMENT

E20 - FURNISHINGS

E 2010 FIXED FURNISHINGS

E2020 MOVABLE FURNISHINGS

F. SPECIAL CONSTRUCTION & DEMOLITION

F10 - SPECIAL CONSTRUCTION

F1010 SPECIAL STRUCTURES

F1020 INTEGRATED CONSTRUCTION

F1030 SPECIAL CONSTRUCTION SYSTEMS

F1040 SPECIAL FACILITIES

F1050 SPECIAL CONTROLS & INSTRUMENTATION

F20 - SELECTIVE BUILDING DEMOLITION

F2010 BUILDING ELEMENTS DEMOLITION

F2020 HAZARDOUS COMPONENTS ABATEMENT

BUILDING COST

OPT B.1 RENO/ADD ESTIMATE TOTAL	OPT B.4 RENO/ADD ESTIMATE TOTAL
\$1,110,000	\$1,110,000
\$14,491,572	\$14,491,572
\$63,340,619	\$63,340,619
\$4,007,140	\$4,007,140
\$23,193,894	\$20,825,102
\$8,309,382	\$8,309,382
\$10,210,912	\$10,210,912
\$9,081,789	\$9,081,789
\$2,500,000	\$2,500,000
\$3,144,200	\$3,144,200
\$5,712,294	\$5,663,747
\$0	\$0
\$0	\$0
\$0	\$0
\$0	\$0
\$0	\$0
\$3,604,950	\$5,734,300
\$0	\$0
\$281,096,272	\$277,129,548

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G. BUILDING SITEWORK

G10 - SITE PREPARATION

G1010 SITE CLEARING

G1020 SITE DEMOLITION & RELOCATIONS

G1030 SITE EARTHWORK

G1040 HAZARDOUS WASTE REMEDIATION

G20 - SITE IMPROVEMENTS

G2010 ROADWAYS

G2020 PARKING LOTS

G2030 PEDESTRIAN PAVING

G2040 SITE DEVELOPMENT

G2050 LANDSCAPING

G30 - SITE MECHANICAL UTILITIES

G3010 WATER SUPPLY

G3020 SANITARY SEWER

G3030 STORM SEWER

G3040 HEATING DISTRIBUTION

G3050 COOLING DISTRIBUTION

G3060 FUEL DISTRIBUTION

G3090 OTHER SITE MECHANICAL UTILITIES

G40 - SITE ELECTRICAL UTILITIES

G4010 ELECTRICAL DISTRIBUTION

G4020 SITE LIGHTING

SITWORK COST

TOTAL DIRECT COST

OPT B.1 RENO/ADD ESTIMATE TOTAL	OPT B.4 RENO/ADD ESTIMATE TOTAL
\$723,650	\$723,650
\$2,369,125	\$2,369,125
\$3,281,333	\$3,281,333
\$0	\$0
\$4,128,210	\$3,520,292
\$0	\$0
\$2,182,831	\$2,512,585
\$5,189,562	\$5,189,562
\$7,270,273	\$7,251,299
\$711,000	\$711,000
\$310,000	\$310,000
\$4,101,312	\$3,810,222
\$0	\$0
\$0	\$0
\$0	\$0
\$0	\$0
\$1,657,000	\$1,588,250
\$1,406,900	\$1,406,900
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\$33,331,196	\$32,674,218
\$314,427,468	\$309,803,766

Lexington High School - New Construction - PSR

DESCRIPTION	UNIT COST	UNIT	OPT B.1 ADD/RENO		OPT B.4 ADD/RENO	
			QUANTITY	TOTAL	QUANTITY	TOTAL
<u>A. SUBSTRUCTURE</u>						
A10 - FOUNDATIONS						
A1010 STANDARD FOUNDATIONS						
<u>033000 CAST IN PLACE CONCRETE</u>						
Foundations :						
Wall Footing 1' x 3':	\$600.00	CY	355	\$212,933	384	\$230,267
Frost wall - 4 'x 20"	\$1,550.00	CY	789	\$1,222,395	853	\$1,321,901
Interior Foundations	\$1,200.00	CY	75	\$90,000	75	\$90,000
Column Footing	\$675.00	CY	2,876	\$1,941,559	2,522	\$1,702,204
Elev Mat - 12"	\$650.00	CY	12	\$7,800	12	\$7,800
Elev pit wall	\$1,100.00	CY	14	\$15,400	14	\$15,400
Pilasters	\$1,200.00	CY	158	\$189,274	171	\$204,681
Equipment pads	\$25,000.00	LS	1	\$25,000	1	\$25,000
New One sided foundation at Existing	\$525.00	LF	1,387	\$728,175	2,186	\$1,147,650
New Seismic foundation at renovation	\$5.00	GSF	86,570	\$432,850	140,980	\$704,900
Foundation Premium at future expansio	\$5.00	FTP			21,724	\$108,620
<u>072100 INSULATION</u>						
4" Rigid ext. found. insul w/prot.bd	\$4.95	SF	18,324	\$90,704	22,560	\$111,672
<u>071000 DAMPPROOF., WATERPROOF. & CAULKING*</u>						
Foundation dampproofing	\$2.30	SF	18,324	\$42,145	22,560	\$51,888
<u>310000 EARTHWORK</u>						
Foundation Excavation and Backfill	25.00	CY	12,784	\$319,598	11,208	\$280,198
Excavate and Backfill existing perimete	95.00	CY	822	\$78,083	1,295	\$123,064
Structural fill	58.00	CY	7,200	\$417,600	7,200	\$417,600
<i>* note reduced structural fill at b.1</i>						

Lexington High School - New Construction - PSR

DESCRIPTION	UNIT COST	UNIT	OPT B.1 ADD/RENO		OPT B.4 ADD/RENO	
			QUANTITY	TOTAL	QUANTITY	TOTAL
Rigid Inclusions -new	35.00	FTP	172,583	\$6,040,405	151,307	\$5,295,745
Mini plies at interior seismic found.	250,000.00	LS	1	\$250,000	1	\$250,000
Under slab Drain	\$1.25	SF	172,583	\$215,729	151,307	\$189,134
Dewatering	\$100,000.00	LS	1	\$100,000	1	\$100,000
				-----		-----
				\$12,419,650		\$12,377,724
				14mil		
A1030 SLAB ON GRADE						
<u>310000 EARTHWORK</u>						
12" Gravel base	\$55.00	CY	6,392	\$351,558	5,604	\$308,218
<u>033000 CAST IN PLACE CONCRETE</u>						
5" Slab on Grade:						
4,000 psi, NW, (incl. placement)	\$310.00	CY	2,663	\$825,629	2,335	\$723,845
Welded wire fabric	\$2.68	SF	172,583	\$462,522	151,307	\$405,503
Control Joint	\$3.50	LF	11,506	\$40,269	10,087	\$35,305
Trowel Finish	\$2.50	SF	172,583	\$431,458	151,307	\$378,268
Slab Patching @						
Seismic foundation	\$35.00	SF	5,000	\$175,000	10,000	\$350,000
Underslab plumbing	\$35.00	SF	10,000	\$350,000	20,000	\$700,000
<u>072100 INSULATION</u>						
4" Rigid Slab Insul. - 100%	\$4.35	SF	172,583	\$750,736	151,307	\$658,185
<u>072616 BELOW GRADE VAPOR RETARDER</u>						
Stegro vapor barrier	\$1.10	SF	172,583	\$189,841	151,307	\$166,438
				-----		-----
				\$3,577,013		\$3,725,762

Lexington High School - New Construction - PSR

DESCRIPTION	UNIT COST	UNIT	OPT B.1 ADD/RENO		OPT B.4 ADD/RENO	
			QUANTITY	TOTAL	QUANTITY	TOTAL
TOTAL A10 FOUNDATIONS				\$15,996,663		\$16,103,485
B. SHELL						
B10 - SUPERSTRUCTURE						
B1010 FLOOR CONSTRUCTION						
<u>051200 STRUCTURAL STEEL</u>						
New Construction:						
Floor frame (13 lbs/sf)	\$5,450.00	TONS	1,181	\$6,435,412	965	\$5,261,640
Steel Connections - 10%	\$5,450.00	TONS	118	\$643,541	97	\$526,164
Lateral Brace - (1 lbs/sf)	\$5,450.00	TONS	91	\$495,032	74	\$404,742
Misc Steel - (1 lbs/sf)	\$5,450.00	TONS	83	\$451,497	73	\$399,619
Shear stud	\$5.50	EA	18,166	\$99,915	14,853	\$81,691
Future Expasnion - Premium:						
Add steel (.5 lbs/sf)	\$5,350.00	TONS			10.86	\$58,112
Reframe/infill floor openings	\$2.50	GSF	86,570	\$216,425	140,980	\$352,450
Renovation Structural:						
Allow for seismic brace frame (1 lbs/sf	\$8,000.00	TONS	43.285	\$346,280	70.49	\$563,920
<u>033000 CAST IN PLACE CONCRETE</u>						
3 1/4" LW Deck fill	\$12.75	SF	181,663	\$2,316,203	148,529	\$1,893,745
<u>053100 STEEL DECKING</u>						
3" x 18 Ga. comp deck	\$5.90	SF	181,663	\$1,071,812	148,529	\$876,321
<u>072100 INSULATION</u>						
Spray on fireproofing - beam & colum	\$2.95	SF	181,663	\$535,906	148,529	\$438,161
Intumescent - allow	\$300,000.00	LS	1	\$300,000	1	\$300,000

Lexington High School - New Construction - PSR

DESCRIPTION	UNIT COST	UNIT	OPT B.1 ADD/RENO		OPT B.4 ADD/RENO	
			QUANTITY	TOTAL	QUANTITY	TOTAL
				----- \$12,912,022		----- \$11,156,563
B1020 ROOF CONSTRUCTION						
<u>033000 CAST IN PLACE CONCRETE</u>						
6" NW Deck fill - rtu pad	\$9.00	SF	35,000	\$315,000	35,000	\$315,000
<u>051200 STRUCTURAL STEEL</u>						
New Construction:						
Roof frame (11 lbs/sf)	\$5,450.00	TONS	949.20650	\$5,173,175	832.18850	\$4,535,427
Steel Connections - 10%	\$5,450.00	TONS	94.92065	\$517,318	83.21885	\$453,543
Lateral Brace - (1 lbs/sf)	\$5,450.00	TONS	86.29150	\$470,289	75.65350	\$412,312
Misc Steel - (1 lbs/sf)	\$5,450.00	TONS	86.29150	\$470,289	75.65350	\$412,312
Addition Structure:						
Roof screen frame	inc. above					
Galv. RTU dunnage	inc. above					
Frame Canopies	inc. above					
Future Expasnion - Premium:						
Add steel (2 lbs/sf)	\$5,350.00	TONS			21.72	\$116,223
3 1/4" LW Deck Fill	\$10.50	SF			21,724.00	\$228,102
Renovation Steel:						
Reinforce at New RTU's	\$1.00	GSF	86,570	\$86,570	140,980	\$140,980
Galv Roof Dunnage	\$1.00	GSF	86,570	\$86,570	140,980	\$140,980
<u>053100 STEEL DECKING</u>						
3" x 18 Ga roof deck - typ.	\$5.90	SF	154,583	\$912,040	133,307	\$786,511
3" x 18 Ga acoust. deck - gym/aux. gym	\$13.50	SF	18,000	\$243,000	18,000	\$243,000
1 1/2" x 20 Ga canopy roof deck	\$6.00	SF	500	\$3,000	500	\$3,000
<u>072100 INSULATION</u>						

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DESCRIPTION	UNIT COST	UNIT	OPT B.1 ADD/RENO		OPT B.4 ADD/RENO	
			QUANTITY	TOTAL	QUANTITY	TOTAL
Spray on fireproofing - beam & colum	\$2.95	SF	154,583	\$456,020	133,307	\$393,256
Spray on fireproofing - 1 hr deck	\$2.45	SF	154,583	\$378,728	133,307	\$326,602
Intumescent - allow	\$300,000.00	LS	1	\$300,000	1	\$300,000
				-----		-----
				\$9,411,998		\$8,807,248
TOTAL B10 SUPERSTRUCTURE				\$22,324,020		\$19,963,811
B20 - EXTERIOR ENCLOSURE						
B2010 EXTERIOR WALLS						
<u>040001 MASONRY*</u>						
MOCK -UP	\$125,000.00	LS	1	\$125,000	1	\$125,000
Masonry Veneer:						
Granite Veneer - 2%	\$100.00	SF	2,485	\$248,531	2,200	\$219,974
Masonry Veneer - 60%	\$50.00	SF	74,559	\$3,727,958	65,992	\$3,299,603
Canopy col. -complete	\$8,500.00	EA	10	\$85,000	10	\$85,000
Stainless steel masonry flashing	\$29.00	LF	3,194	\$92,626	3,454	\$100,166
Architectural Precast:						
Precast Window Sill	\$68.00	LF	6,904	\$469,447	6,110	\$415,506
Misc. Trim and Accents	\$10.00	SF	74,559	\$745,592	65,992	\$659,921
CMU Exterior Wall:						
4" Int gym veneer	\$36.00	SF	19,375	\$697,500	8,910	\$320,760
<u>054000 COLD FORMED METAL FRAMING</u>						
8" -12" x 18 Ga. stud @ typical wall	\$21.00	SF	124,265	\$2,609,570	109,987	\$2,309,722
1/2" Dens glass sheathing-ext. wall	\$4.50	SF	124,265	\$559,194	109,987	\$494,940
Soffit/eave framing - assume projected c	\$9.50	SF	7,985	\$75,858	8,635	\$82,033
3" Canopy ceiling framing	\$7.00	SF	1,500	\$10,500	1,500	\$10,500
1/2" Dens glass sheathing - eave/cornice	\$4.50	SF	7,985	\$35,933	8,635	\$38,858

Lexington High School - New Construction - PSR

DESCRIPTION	UNIT COST	UNIT	OPT B.1 ADD/RENO		OPT B.4 ADD/RENO	
			QUANTITY	TOTAL	QUANTITY	TOTAL
1/2" Dens glass sheathing -canopy	\$4.50	SF	4,000	\$18,000	4,000	\$18,000
<u>050001 MISCELLANEOUS & ORNAMENTAL IRON*</u>						
Misc. Ext Metals	\$0.50	SF	124,265	\$62,133	109,987	\$54,993
Structural thermal break	\$0.75	SF	124,265	\$93,199	109,987	\$82,490
<u>071326 AIR & VAPOR BARRIERS</u>						
Air & vapor barrier - wall	\$9.50	SF	124,265	\$1,180,520	109,987	\$1,044,874
Air & vapor barrier - cornice	\$9.50	SF	7,985	\$75,858	8,635	\$82,033
Air & vapor barrier - canopy	\$9.50	SF	4,000	\$38,000	4,000	\$38,000
<u>072100 INSULATION</u>						
Exterior Wall:						
Spray foam at perm openings	\$6.00	LF	34,518	\$207,109	30,552	\$183,311
8" Mineral wool Insul.	\$10.00	SF	124,265	\$1,242,653	109,987	\$1,099,868
3" Spray foam - stud cavity	\$4.65	SF	124,265	\$577,833	109,987	\$511,438
Bldg Cornice and CanopySoffit:						
8" Mineral wool Insul.	\$10.00	SF	7,985	\$79,850	8,635	\$86,350
3" Spray foam - stud cavity	\$4.65	SF	4,000	\$18,600	4,000	\$18,600
<u>071000 DAMPPROOF., WATERPROOF. & CAULKING*</u>						
Exterior Sealants	\$2.00	SF	165,687	\$331,374	146,649	\$293,298
<u>074213 PERFORMED CLADDING</u>						
Wall Panel:						
Metal Panel - 18%	\$100.00	SF	22,368	\$2,236,775	19,798	\$1,979,762
Terra Cotta Panel - 20%	\$150.00	SF	24,853	\$3,727,958	21,997	\$3,299,603
Alum. 16 ga Panel :						
Canopy ceiling	\$45.00	SF	4,000	\$180,000	4,000	\$180,000
Roof Eave Cladding	\$100.00	SF	7,985	\$798,500	8,635	\$863,500
Roof Screen:						
Metal Panel Equipment Screen	\$65.00	SF	16,000	\$1,040,000	16,000	\$1,040,000

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DESCRIPTION	UNIT COST	UNIT	OPT B.1 ADD/RENO		OPT B.4 ADD/RENO	
			QUANTITY	TOTAL	QUANTITY	TOTAL
<u>092116 GYPSUM WALLBOARD</u>						
1 Lyr 5/8" gyp @ ext. wall	\$4.50	SF	124,265	\$559,194	109,987	\$494,940
<u>090007 PAINTING*</u>						
Exterior painting	\$0.22	SF	165,687	\$36,451	146,649	\$32,263
<u>101400 IDENTIFYING DEVICES (EXT. BLD MTD SIGNAGE)</u>						
24" Alum bldg mtd letter - allow	\$420.00	EA	57	\$23,940	57	\$23,940
Misc. Bldg mtd signage	\$50,000.00	LS	1	\$50,000	1	\$50,000
				-----	-----	
				\$22,060,650	\$19,639,242	
B2020 EXTERIOR WINDOWS						
<u>061000 ROUGH CARPENTRY</u>						
P.T. - perim blocking	\$14.00	LF	34,518	\$483,254	30,552	\$427,726
<u>071326 AIR & VAPOR BARRIERS</u>						
Flex flashing - perim	\$10.00	LF	34,518	\$345,181	30,552	\$305,519
<u>071000 DAMPPROOF., WATERPROOF. & CAULKING*</u>						
Window Caulking	\$12.75	LF	34,518	\$440,106	30,552	\$389,536
<u>080001 METAL WINDOWS*</u>						
TRP Glazing Exterior						
Alum Window - 50%	\$170.00	SF	20,711	\$3,520,849	18,331	\$3,116,291
Alum Curtainwall - 50%	\$225.00	SF	20,711	\$4,659,947	18,331	\$4,124,503
Security glazing - 15% of total	\$50.00	SF	6,213	\$310,663	5,499	\$274,967
Sun Shading:						

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DESCRIPTION	UNIT COST	UNIT	OPT B.1 ADD/RENO		OPT B.4 ADD/RENO	
			QUANTITY	TOTAL	QUANTITY	TOTAL
Horizontal Window Sunscreen - 40%	\$225.00	SF/LF	2,071	\$465,995	1,833	\$412,450
<u>109000 MISCELLANEOUS SPECIALTIES</u>						
Alum louvers - allow	\$135.00	SF	250	\$33,750	250	\$33,750
				-----		-----
				\$10,259,745		\$9,084,743
B2030 EXTERIOR DOORS						
<u>080001 METAL WINDOWS*</u>						
7' Alum. Doors (Incl. Hardware):						
Main Entry - dbl	\$20,000.00	EA	10	\$200,000	10	\$200,000
Side Egress- dbl	\$20,000.00	EA	8	\$160,000	8	\$160,000
Egress - sgl	\$10,000.00	EA	4	\$40,000	4	\$40,000
Auto opener - allow	\$9,000.00	PR	2	\$18,000	2	\$18,000
*Storefront at entries W /B 2020						
Security Glazing Premium	\$750.00	LVS	32	\$24,000	32	\$24,000
<u>081113 HOLLOW METALWORK</u>						
Insulated HM Doors and Frame:						
Custodial - dbl	\$3,000.00	EA	2	\$6,000	2	\$6,000
MEP - dbl	\$3,000.00	EA	2	\$6,000	2	\$6,000
<u>090007 PAINTING*</u>						
Paint HM Door & frame - dbl	\$400.00	EA	4	\$1,600	4	\$1,600
				-----		-----
				\$455,600		\$455,600
TOTAL B20 - EXTERIOR ENCLOSURE				\$32,775,995		\$29,179,585

Lexington High School - New Construction - PSR

DESCRIPTION	UNIT COST	UNIT	OPT B.1 ADD/RENO		OPT B.4 ADD/RENO	
			QUANTITY	TOTAL	QUANTITY	TOTAL
B30 - ROOFING						
B3010 ROOF COVERINGS						
<u>061000 ROUGH CARPENTRY</u>						
Roof Blocking - main bldg	\$1.45	SF	224,978	\$326,218	253,294	\$367,276
Roof Blocking - canopy	\$1.20	SF	4,000	\$4,800	4,000	\$4,800
<u>070002 ROOFING AND FLASHING*</u>						
PVC roof - canopy	\$28.00	SF	4,000	\$112,000	4,000	\$112,000
PVC roof w/ 10" rigid insul	\$31.00	SF	224,978	\$6,974,318	253,294	\$7,852,114
Outdoor Terrace - Premium	\$75.00	SF	4,661	\$349,575		
Roof walkway pad (2'x2')	\$8.50	SF	11,249	\$95,616	12,665	\$107,650
Alum. Trim :						
Perimeter wall Coping	\$45.00	LF	3,194	\$143,730	3,454	\$155,430
Base Flashing	\$34.00	LF	1,118	\$38,009	1,209	\$41,103
Misc. flashing	\$1.00	SF	224,978	\$224,978	253,294	\$253,294
				-----		-----
				\$8,269,243		\$8,893,667
B3020 ROOF OPENINGS						
<u>077200 ROOF ACCESSORIES</u>						
Roof hatch	\$4,250.00	EA	1	\$4,250	1	\$4,250
Stage smoke hatch	\$15,000.00	EA	3	\$45,000	3	\$45,000
OSHA Rail	\$200.00	LF	500	\$100,000	500	\$100,000
Skylights	\$100,000.00	EA	1	\$100,000	1	\$100,000
				-----		-----
				\$249,250		\$249,250
TOTAL B30 ROOFING				\$8,518,493		\$9,142,917

Lexington High School - New Construction - PSR

DESCRIPTION	UNIT COST	UNIT	OPT B.1 ADD/RENO		OPT B.4 ADD/RENO	
			QUANTITY	TOTAL	QUANTITY	TOTAL
C. INTERIORS						
C10 - INTERIOR CONSTRUCTION						
C1010 PARTITIONS						
<u>040001 MASONRY*</u>						
8" CMU Elev Shaft	\$43.50	SF	5,280	\$229,680	5,280	\$229,680
4" Int gym veneer	\$36.00	SF	25,000	\$900,000	35,000	\$1,260,000
<u>050001 MISCELLANEOUS & ORNAMENTAL IRON*</u>						
Masonry - Clip and lintels	\$1.50	SF	30,280	\$45,420	40,280	\$60,420
<u>061000 ROUGH CARPENTRY</u>						
Interior blocking	\$1.00	GSF	440,816	\$440,816	440,816	\$440,816
Misc. rough carpentry	\$1.00	GSF	440,816	\$440,816	440,816	\$440,816
Clean Saftey and Laborer	\$4.00	GSF	440,816	\$1,763,264	440,816	\$1,763,264
<u>072100 INSULATION</u>						
Firestopping	\$0.85	GSF	440,816	\$374,694	440,816	\$374,694
<u>081113 HOLLOW METALWORK</u>						
Interior H.M Windows, Sidelites and Transoms (INC. GLAZING):						
Door window/sidelight & transom	\$2.00	SF	440,816	\$881,632	440,816	\$881,632
<u>083323 SPECIAL DOORS</u>						
Access panels	\$0.25	GSF	440,816	\$110,204	440,816	\$110,204
<u>080001 METAL WINDOWS*</u>						
Interior Aluminum Storefront:						
Vestibule and Entries	\$88.00	SF	5,000	\$440,000	5,000	\$440,000
Administration area	\$88.00	SF	1,500	\$132,000	15,400	\$1,355,200
General Building Area	\$0.50	GSF	440,816	\$220,408	440,816	\$220,408

Lexington High School - New Construction - PSR

DESCRIPTION	UNIT COST	UNIT	OPT B.1 ADD/RENO		OPT B.4 ADD/RENO	
			QUANTITY	TOTAL	QUANTITY	TOTAL
Security glazing - premium	\$50.00	SF	5,000	\$250,000	5,000	\$250,000
<u>092116 GYPSUM WALLBOARD</u>						
Drywall Partitions: GWB assemblies	\$28.00	GSF	440,816	\$12,342,848	440,816	\$12,342,848
Operable Partition: Glazed operable wall 8'x 15' (30 ea)	\$150.00	SF	3,600	\$540,000	3,600	\$540,000
Elec Op Folding Partition	\$150,000.00	LS	1	\$150,000	1	\$150,000
				-----	-----	
				\$19,261,782	\$20,859,982	
C1020 INTERIOR DOORS						
<u>081113 HOLLOW METALWORK</u>						
<u>081416 WOOD AND PLASTIC DOORS</u>						
<u>087100 DOOR HARDWARE</u>						
Interior Door frame and Hardware	\$6.50	GSF	440,816	\$2,865,304	440,816	\$2,865,304
Electronic lock door hardware	\$1,500.00	EA	800	\$1,200,000	800	\$1,200,000
<u>080001 METAL WINDOWS*</u>						
Aluminum (Frame, Door, Glass, Glazing and Hdw): Vest - dbl	\$16,500.00	PR	10	\$165,000	10	\$165,000
Main office -sgl	\$4,000.00	EA	2	\$8,000	2	\$8,000
<u>083323 SPECIAL DOORS</u>						
Dish drop window	\$5,000.00	EA	1	\$5,000	1	\$5,000
Kitchen OH grille	\$4,500.00	EA	1	\$4,500	1	\$4,500
Fire Shutters	\$150,000.00	LS	1	\$150,000	1	\$150,000
Security Gate and Grill	\$24,000.00	EA	16	\$384,000	16	\$384,000
				-----	-----	
				\$4,781,804	\$4,781,804	

Lexington High School - New Construction - PSR

DESCRIPTION	UNIT COST	UNIT	OPT B.1 ADD/RENO		OPT B.4 ADD/RENO	
			QUANTITY	TOTAL	QUANTITY	TOTAL
C1030 FITTINGS						
<u>050001 MISCELLANEOUS & ORNAMENTAL IRON*</u>						
Misc. metals	\$2.00	GSF	440,816	\$881,632	440,816	\$881,632
Auditorium Railings	\$100,000.00	LS	1	\$100,000	1	\$100,000
Floor Opening Railings	\$450.00	LF	1,000	\$450,000	1,000	\$450,000
<u>062000 FINISH CARPENTRY</u>						
Utility & closet shelving	\$25,000.00	LS	1	\$25,000	1	\$25,000
Typ. window sill/apron (nic cw-gym)	\$65.00	LF	6,904	\$448,736	6,110	\$397,174
Stage Proscenium and Aud. Trim	\$150,000.00	LS	1	\$150,000	1	\$150,000
Misc. wood trim	\$2.00	GSF	440,816	\$881,632	440,816	\$881,632
Media Center Built-in	\$75,000.00	LS	1	\$75,000	1	\$75,000
Custom Casework:						
Admin casework	\$35,000.00	LS	1	\$35,000	1	\$35,000
Circulation desk	\$25,000.00	LS	1	\$25,000	1	\$25,000
<u>102113 COMPARTMENTS & CUBICLES</u>						
Solid Plastic Toilet Partitions:						
Std. partition	\$1,385.00	EA	45	\$62,325	45	\$62,325
HC partition	\$1,590.00	EA	20	\$31,800	20	\$31,800
<u>102813 TOILET & BATH ACCESSORIES</u>						
Building Toilet Accessories	\$0.92	GSF	440,816	\$405,551	440,816	\$405,551
*Excludes classroom accessories						
<u>101100 MARKERBOARDS & TACKBOARDS</u>						
Marker board tackboard	\$1.35	GSF	440,816	\$595,102	440,816	\$595,102
Glass Display Case	\$1,000.00	LF	100	\$100,000	100	\$100,000
<u>109000 MISCELLANEOUS SPECIALTIES</u>						

Lexington High School - New Construction - PSR

DESCRIPTION	UNIT COST	UNIT	OPT B.1 ADD/RENO		OPT B.4 ADD/RENO	
			QUANTITY	TOTAL	QUANTITY	TOTAL
Student Lockers	\$450.00	EA	2,315	\$1,041,750	2,315	\$1,041,750
PE/Team Lockers	\$400.00	EA	500	\$200,000	500	\$200,000
Kitchen staff locker(12"wx15" D x 6'h)	\$350.00	EA	20	\$7,000	20	\$7,000
Custodian staff(12"wx15" D x 6'h)	\$350.00	EA	5	\$1,750	5	\$1,750
Wall & corner guards - allow	\$5,000.00	LS	1	\$5,000	1	\$5,000
Fire extinguisher and cab - allow	\$550.00	EA	50	\$27,500	50	\$27,500
Cubicle curtain track w/ curtain - health	\$1,500.00	EA	2	\$3,000	2	\$3,000
Misc. specialties	\$0.50	GSF	440,816	\$220,408	440,816	\$220,408
<u>101400 IDENTIFYING DEVICES</u>						
Building directory - allow	\$5,000.00	EA	1	\$5,000	1	\$5,000
Dedication plaque	\$3,500.00	EA	1	\$3,500	1	\$3,500
Interior Signage	\$0.40	GSF	440,816	\$176,326	440,816	\$176,326
Environmental graphics	\$300,000.00	LS	1	\$300,000	1	\$300,000
				-----		-----
				\$6,258,011		\$6,206,450
TOTAL C10 - INTERIOR CONSTRUCTION				\$30,301,597		\$31,848,236
C20 - STAIRS						
C2010 STAIR CONSTRUCTION						
<u>050001 MISCELLANEOUS & ORNAMENTAL IRON*</u>						
Metal Pan Stair w/Rails:						
Egress corridor stair	\$55,000.00	FLT	14	\$770,000	14	\$770,000
Learning/Community Stair	\$250,000.00	FLT	2	\$500,000	2	\$500,000
Upgrade existng Stair railings	\$12,500.00	FLT	4	\$50,000	4	\$50,000
<u>033000 CAST IN PLACE CONCRETE</u>						
Conc stair pan fill - full flt	\$3,000.00	FLTS	16	\$48,000	16	\$48,000

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DESCRIPTION	UNIT COST	UNIT	OPT B.1 ADD/RENO		OPT B.4 ADD/RENO	
			QUANTITY	TOTAL	QUANTITY	TOTAL
				----- \$1,368,000		----- \$1,368,000
C2020 STAIR FINISHES						
<u>062000 FINISH CARPENTRY</u>						
Learning/Community Stair	\$100,000.00	FLT	2	\$200,000	2	\$200,000
<u>090005 RESILIENT FLOORING*</u>						
Rubber treads and risers	\$4,800.00	FLTS	18	\$86,400	18	\$86,400
<u>090007 PAINTING*</u>						
Paint stair & rails - full flt	\$5,000.00	FLTS	20	\$100,000	20	\$100,000
				----- \$386,400		----- \$386,400
TOTAL C20 - STAIRS				\$1,754,400		\$1,754,400
C30 - INTERIOR FINISHES						
C3010 WALL FINISHES						
Wall Finish	\$17.00	GSF	440,816	\$7,493,872	440,816	\$7,493,872
				----- \$7,493,872		----- \$7,493,872
C3020 FLOOR FINISHES						
Floor Finish	\$15.00	GSF	440,816	\$6,612,240	440,816	\$6,612,240
				-----		-----

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DESCRIPTION	UNIT COST	UNIT	OPT B.1 ADD/RENO		OPT B.4 ADD/RENO	
			QUANTITY	TOTAL	QUANTITY	TOTAL
				\$6,612,240		\$6,612,240
C3030 CEILING FINISHES						
Ceiling Finish	\$15.00	GSF	440,816	\$6,612,240	440,816	\$6,612,240
				-----		-----
				\$6,612,240		\$6,612,240
TOTAL C30 - INTERIOR FINISHES				\$20,718,352		\$20,718,352
D. SERVICES						
D10 - CONVEYING						
D1010 ELEVATORS & LIFTS						
<u>140001 ELEVATORS*</u>						
Traction 5,000 lbs Passenger Elev	\$90,000.00	STOP	12	\$1,080,000	12	\$1,080,000
Elevator Metals	\$10,000.00	LS	3	\$30,000	3	\$30,000
				-----		-----
				\$1,110,000		\$1,110,000
TOTAL D10 - CONVEYING				\$1,110,000		\$1,110,000
D20 - PLUMBING						
D2010 PLUMBING						
ASHP Water heater	\$500,000.00	LS	2	\$1,000,000	2	\$1,000,000
HW Storage tanks - 500 Gal	\$20,000.00	EA	3	\$60,000	3	\$60,000
Elec 108 kw Eelc HW heater	\$35,000.00	EA	2	\$70,000	2	\$70,000

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DESCRIPTION	UNIT COST	UNIT	OPT B.1 ADD/RENO		OPT B.4 ADD/RENO	
			QUANTITY	TOTAL	QUANTITY	TOTAL
HW Storage tanks - 150 Gal	\$7,500.00	EA	1	\$7,500	1	\$7,500
Roof Drainage	\$3.50	FTP	440,816	\$1,542,856	440,816	\$1,542,856
Stormwater ejectors	\$150,000.00	LS	1	\$150,000	1	\$150,000
Fixtures & Rough-in	\$22.50	GSF	440,816	\$9,918,360	440,816	\$9,918,360
Kitchen Connections	\$200,000.00	LS	1	\$200,000	1	\$200,000
Test, Permit, BIM, Misc.	\$3.50	GSF	440,816	\$1,542,856	440,816	\$1,542,856
				-----		-----
				\$14,491,572		\$14,491,572
TOTAL D20 - PLUMBING			\$32.87	\$14,491,572	\$32.87	\$14,491,572
D30 - HVAC						
D3010 HVAC						
Geo Wells - 800' depth @ 350 EA	\$70.00	VLF	280,000	\$19,600,000	280,000	\$19,600,000
6" Well casing - 220' ea	\$34.00	VLF	77,000	\$2,618,000	77,000	\$2,618,000
Valve Vault	\$65,000.00	EA	10	\$650,000	10	\$650,000
Heat Generation						
Plate and Frame Heat Exchanger	\$60,000.00	EA	3	\$180,000	3	\$180,000
Back up Elec Boiler	\$100,000.00	EA	2	\$200,000	2	\$200,000
HW Pump and trim	\$25,000.00	LS	1	\$25,000	1	\$25,000
Base Mtd Sec. HWP w/ VFD	\$30,000.00	EA	10	\$300,000	10	\$300,000
Glycol Feed System	\$250,000.00	LS	1	\$250,000	1	\$250,000
Piping valve and trim	\$350,000.00	LS	1	\$350,000	1	\$350,000
HW/CW Distribution:						
Fan coil heat pump	\$4.00	GSF	440,816	\$1,763,264	440,816	\$1,763,264
Mechanical HW/CW Piping	\$9.00	GSF	440,816	\$3,967,344	440,816	\$3,967,344
Misc. HW Devices	\$2.50	GSF	91,000	\$227,500	91,000	\$227,500
Air Equipment:						
AHU Units - Large Spaces	\$38.00	CFM	170,000	\$6,460,000	170,000	\$6,460,000
DOAS Units - Classroom	\$38.00	CFM	125,000	\$4,750,000	125,000	\$4,750,000
MAU 4,500 CFM	\$30.00	CFM	4,500	\$135,000	4,500	\$135,000

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DESCRIPTION	UNIT COST	UNIT	OPT B.1 ADD/RENO		OPT B.4 ADD/RENO	
			QUANTITY	TOTAL	QUANTITY	TOTAL
Freeze Protection	\$2,000.00	EA	10	\$20,000	10	\$20,000
Curbs	\$5,500.00	EA	10	\$55,000	10	\$55,000
Merv Filter	\$2,500.00	EA	20	\$50,000	20	\$50,000
Sound Attenuation	\$0.85	CFM	295,000	\$250,750	295,000	\$250,750
Pipe Valve and Fitting Connections	\$6,500.00	EA	10	\$65,000	10	\$65,000
Grilles registers and dampers	\$1.50	GSF	440,816	\$661,224	440,816	\$661,224
Ductwork	\$20.00	LBS	440,816	\$8,816,320	440,816	\$8,816,320
CV/VAV exhaust	\$975.00	EA	400	\$390,000	400	\$390,000
Kitchen Exhaust Ductwork	\$250,000.00	LS	1	\$250,000	1	\$250,000
Duct Insul	\$6.50	SF	352,653	\$2,292,243	352,653	\$2,292,243
Exhaust Fan	\$5,000.00	EA	35	\$175,000	35	\$175,000
Split AC	\$20,000.00	EA	25	\$500,000	25	\$500,000
Temp Control (Demand CO2)	\$12.00	GSF	440,816	\$5,289,792	440,816	\$5,289,792
Seismic and Vibration	\$0.85	GSF	440,816	\$374,694	440,816	\$374,694
Rigging	\$250,000.00	LS	1	\$250,000	1	\$250,000
BIM/ Commission coordination	\$2.50	GSF	440,816	\$1,102,040	440,816	\$1,102,040
HVAC Supervision	\$3.00	GSF	440,816	\$1,322,448	440,816	\$1,322,448
				-----		-----
				\$63,340,619		\$63,340,619
TOTAL D30 - HVAC			\$143.69	\$63,340,619	\$143.69	\$63,340,619
D40 - FIRE PROTECTION						
D4010 SPRINKLERS						
<u>210001 FIRE SUPPRESSION*</u>						
Sprinkler system - wet	\$8.75	GSF	440,816	\$3,857,140	440,816	\$3,857,140
Fire Pump	\$150,000.00	LS	1	\$150,000	1	\$150,000
				-----		-----
				\$4,007,140		\$4,007,140

Lexington High School - New Construction - PSR

DESCRIPTION	UNIT COST	UNIT	OPT B.1 ADD/RENO		OPT B.4 ADD/RENO	
			QUANTITY	TOTAL	QUANTITY	TOTAL
TOTAL D40 - FIRE PROTECTION			\$9.09	\$4,007,140	\$9.09	\$4,007,140
D50 - ELECTRICAL						
D5010 ELECTRICAL SERVICE & DISTRIBUTION						
260001 ELECTRICAL*						
(2) 4,000 amp MDP and Elec. Panel anc	\$13.00	GSF	440,816	\$5,730,608	440,816	\$5,730,608
1,250 KW Emergency Generator	\$850,000.00	LS	1	\$850,000	1	\$850,000
Digital Metering	\$5,000.00	EA	75	\$375,000	75	\$375,000
PV SYSTEMS :						
5,000 amp PV MDP	\$550,000.00	LS	1	\$550,000	1	\$550,000
PV Site Canopy/Panel - \$5.00/per watt	\$60.00	SF	93,060	\$5,583,600	93,060	\$5,583,600
PV Low Roof Panels - \$4.50/ per watt	\$54.00	SF	33,808	\$1,825,632	27,703	\$1,495,962
PV High Roof Panels - \$4.50/ per watt	\$54.00	SF	84,251	\$4,549,554	69,258	\$3,739,932
PV Integrated Bldg element	\$200.00	SF	0	\$0	0	\$0
Vertical Solar Equipment	\$250.00	SF	4,918	\$1,229,500	0	\$0
Battery Storage	\$2,500,000.00	LS	1	\$2,500,000	1	\$2,500,000
			-----		-----	
			\$23,193,894		\$20,825,102	
D5020 LIGHTING & BRANCH WIRING						
260001 ELECTRICAL*						
Lighting	\$16.00	GSF	440,816	\$7,053,056	440,816	\$7,053,056
Lighting Control (inc device oc)	\$2.85	GSF	440,816	\$1,256,326	440,816	\$1,256,326
			-----		-----	
			\$8,309,382		\$8,309,382	

Lexington High School - New Construction - PSR

DESCRIPTION	UNIT COST	UNIT	OPT B.1 ADD/RENO		OPT B.4 ADD/RENO	
			QUANTITY	TOTAL	QUANTITY	TOTAL
D5030 COMMUNICATION & SECURITY						
<u>260001 ELECTRICAL*</u>						
CCTV	\$6.00	GSF	440,816	\$2,644,896	440,816	\$2,644,896
Access control	\$4.00	GSF	440,816	\$1,763,264	440,816	\$1,763,264
Video entry system	\$45,000.00	LS	1	\$45,000	1	\$45,000
Digital Signage	\$4,000.00	EA	10	\$40,000	10	\$40,000
Tele/data cabling, racks and switches	\$9.50	GSF	440,816	\$4,187,752	440,816	\$4,187,752
Classroom AV rough-in only	\$1,500.00	EA	225	\$337,500	225	\$337,500
Speech Reinforcement	\$3,300.00	EA	225	\$742,500	225	\$742,500
Aud Lighting and Diming	\$250,000.00	LS	1	\$250,000	1	\$250,000
Aud Sound System	\$200,000.00	LS	1	\$200,000	1	\$200,000
				-----		-----
				\$10,210,912		\$10,210,912
D5090 OTHER ELECTRICAL SYSTEMS						
<u>260001 ELECTRICAL*</u>						
Rath 2way call	\$15,000.00	EA	8	\$120,000	8	\$120,000
Fire Alarm	\$4.80	GSF	440,816	\$2,115,917	440,816	\$2,115,917
Devices	\$3.25	GSF	440,816	\$1,432,652	440,816	\$1,432,652
Clocks and PA	\$1.20	GSF	440,816	\$528,979	440,816	\$528,979
Gym/Café Sound System	\$1.00	GSF	440,816	\$440,816	440,816	\$440,816
Lighting Protection	\$0.78	GSF	440,816	\$343,836	440,816	\$343,836
Kitchen/Mechanical Wiring	\$3.50	GSF	440,816	\$1,542,856	440,816	\$1,542,856
Bi-Direction Antenna	\$0.80	GSF	440,816	\$352,653	440,816	\$352,653
Test Permit and Misc.	\$5.00	GSF	440,816	\$2,204,080	440,816	\$2,204,080
By others:						
Telephone system						
Classroom projectors						
				-----		-----
				\$9,081,789		\$9,081,789

Lexington High School - New Construction - PSR

DESCRIPTION	UNIT COST	UNIT	OPT B.1 ADD/RENO		OPT B.4 ADD/RENO	
			QUANTITY	TOTAL	QUANTITY	TOTAL
TOTAL D50 - ELECTRICAL			\$115.23	\$50,795,977	\$109.86	\$48,427,185
<u>E. EQUIPMENT & FURNISHINGS</u>						
<u>E10 - EQUIPMENT</u>						
E1010 COMMERCIAL EQUIPMENT						
<u>114000 FOOD SERVICE EQUIPMENT</u>						
Kitchen equipment - new	\$2,500,000.00	LS	1	\$2,500,000	1	\$2,500,000
				-----		-----
				\$2,500,000		\$2,500,000
E1090 OTHER EQUIPMENT						
<u>113100 APPLIANCES</u>						
Staff kitchen refrigerator	\$1,000.00	EA	16	\$16,000	16	\$16,000
Staff kitchen microwave	\$500.00	EA	7	\$3,500	7	\$3,500
Medical office refrigerator w/ice	\$1,000.00	EA	2	\$2,000	2	\$2,000
Adult living classroom	\$30,000.00	LS	1	\$30,000	1	\$30,000
<u>116600 ATHLETIC & SPORTS EQUIPMENT</u>						
Basketball backstops - electric	\$9,500.00	EA	6	\$57,000	6	\$57,000
Wall padding - 6'	\$15.00	SF	1,000	\$15,000	1,000	\$15,000
Roll up curtain (2 EA)	\$36.00	SF	5,800	\$208,800	5,800	\$208,800
Volley ball court equip.	\$700.00	EA	2	\$1,400	2	\$1,400
Scoreboard and shot clock	\$24,000.00	EA	3	\$72,000	3	\$72,000
Bleachers	\$250,000.00	LS	1	\$250,000	1	\$250,000
Misc. Gym Equipment	\$50,000.00	LS	1	\$50,000	1	\$50,000
<u>115213 PROJECTION SCREENS</u>						
Projection screen - various areas	\$20,000.00	EA	8	\$160,000	8	\$160,000

Lexington High School - New Construction - PSR

DESCRIPTION	UNIT COST	UNIT	OPT B.1 ADD/RENO		OPT B.4 ADD/RENO	
			QUANTITY	TOTAL	QUANTITY	TOTAL
<hr/>						
<hr/>						
<u>116143 THEATRICAL EQUIPMENT</u>						
Auditorium :						
Stage Rigging and Drapes	\$1,200,000.00	LS	1	\$1,200,000	1	\$1,200,000
Auditorium Seating	\$375.00	EA	1,000	\$375,000	1,000	\$375,000
<u>119000 MISC. EQUIPMENT</u>						
Green House	\$150,000.00	LS	1	\$150,000	1	\$150,000
Loading dock leveler and equipment	\$100,000.00	LS	1	\$100,000	1	\$100,000
Science Lab Equipment	\$450,000.00	LS	1	\$450,000	1	\$450,000
Kiln	\$3,500.00	EA	1	\$3,500	1	\$3,500
				-----		-----
				\$3,144,200		\$3,144,200
TOTAL E10 - EQUIPMENT				\$5,644,200		\$5,644,200
<hr/>						
E20 - FURNISHINGS						
E 2010 FIXED FURNISHINGS						
<u>129000 MISC. FURNISHINGS</u>						
Meco shade - manual	\$7.50	SF	41,422	\$310,663	36,662	\$274,967
Premium for Eelc op shade - 10%	\$27.00	SF	4,142	\$111,839	3,666	\$98,988
<u>123553 CLASSROOM CASEWORK</u>						
Casework	\$12.00	GSF	440,816	\$5,289,792	440,816	\$5,289,792
				-----		-----
				\$5,712,294		\$5,663,747
<u>E2020 MOVABLE FURNISHINGS</u>						
<hr/>						

Lexington High School - New Construction - PSR

DESCRIPTION	UNIT COST	UNIT	OPT B.1 ADD/RENO		OPT B.4 ADD/RENO	
			QUANTITY	TOTAL	QUANTITY	TOTAL
				\$0		\$0
TOTAL E20 - FURNISHINGS				\$5,712,294		\$5,663,747
F20 - SELECTIVE BUILDING DEMOLITION						
F2010 BUILDING ELEMENTS DEMOLITION						
Demolish existing building	SEE SUMMARY PAGE					
Selective Demolition:						
Interior/Exterior gut down to structure	\$35.00	GSF	86,570	\$3,029,950	140,980	\$4,934,300
Temporary shoring	\$350,000.00	LS	1	\$350,000	1	\$350,000
Remove slab at seismic foundation	\$15.00	SF	5,000	\$75,000	10,000	\$150,000
Remove Slab at new plumbing	\$15.00	SF	10,000	\$150,000	20,000	\$300,000
				-----		-----
				\$3,604,950		\$5,734,300
F2020 HAZARDOUS COMPONENTS ABATEMENT						
Hazardous Waste Allowance	SEE SUMMARY PAGE					
				-----		-----
				\$0		\$0
TOTAL F20 - SELECTIVE BUILDING DEMOLITION				\$3,604,950		\$5,734,300
G. BUILDING SITEWORK						
G10 - SITE PREPARATION						
G1010 SITE CLEARING						
<u>311000 SITE PREPARATION & CLEARING</u>						

Lexington High School - New Construction - PSR

DESCRIPTION	UNIT COST	UNIT	OPT B.1 ADD/RENO		OPT B.4 ADD/RENO	
			QUANTITY	TOTAL	QUANTITY	TOTAL
Construction fence	12.50	LF	7,500	\$93,750	7,500	\$93,750
Construction entrance pad	11.00	SF	2,500	\$27,500	2,500	\$27,500
Construction gates	1,200.00	EA	2	\$2,400	2	\$2,400
Clear and Grub	15,000.00	ACRES	8	\$120,000	8	\$120,000
Protect stockpile	50,000.00	LS	1	\$50,000	1	\$50,000
Protect tree	30,000.00	LS	1	\$30,000	1	\$30,000
General Site Prep	0.20	SF	2,000,000	\$400,000	2,000,000	\$400,000
				-----		-----
				\$723,650		\$723,650
G1020 SITE DEMOLITION & RELOCATIONS						
Erosion control	10.00	LF	7,200	\$72,000	7,200	\$72,000
Inlet Protection	110.00	EA	100	\$11,000	100	\$11,000
Erosion Control Maintenance	50,000.00	LS	1	\$50,000	1	\$50,000
Sawcut bit pavement	6.50	LF	250	\$1,625	250	\$1,625
Remove bit pavement	1.20	SF	250,000	\$300,000	250,000	\$300,000
Remove concrete pavement	1.50	SF	50,000	\$75,000	50,000	\$75,000
Remove paved walkway	1.15	SF	30,000	\$34,500	30,000	\$34,500
Remove Field stand and pressbox	100,000.00	LS	1	\$100,000	1	\$100,000
Remove Utilities	250,000.00	LS	1	\$250,000	1	\$250,000
Misc. Site Removal	0.20	SF	2,000,000	\$400,000	2,000,000	\$400,000
Temporary Measures:						
Temp Sediment basin	100,000.00	LS	1	\$100,000	1	\$100,000
Temporary Parking and Access	350,000.00	LS	1	\$350,000	1	\$350,000
Snow removal	125,000.00	LS	1	\$125,000	1	\$125,000
Phasing logistics	500,000.00	LS	1	\$500,000	1	\$500,000
				-----		-----
				\$2,369,125		\$2,369,125
G1030 SITE EARTHWORK						
<u>310000 EARTHWORK</u>						
Top Soil:						

Lexington High School - New Construction - PSR

DESCRIPTION	UNIT COST	UNIT	OPT B.1 ADD/RENO		OPT B.4 ADD/RENO	
			QUANTITY	TOTAL	QUANTITY	TOTAL
Strip and Stack 9" Top Soil	8.50	CY	27,778	\$236,111	27,778	\$236,111
Load and haul spoil	8.50	CY	27,778	\$236,111	27,778	\$236,111
Soil disposal	18.00	TON	47,222	\$850,000	47,222	\$850,000
Site Grading to sub grade:						
Site Grading	1.85	SY	222,222	\$411,111	222,222	\$411,111
Site Fill - Import	30.00	CY	4,100	\$123,000	4,100	\$123,000
Ledge Removal	85.00	CY	5,000	\$425,000	5,000	\$425,000
General Site Ground Improvements	0.50	SF	2,000,000	\$1,000,000	2,000,000	\$1,000,000
				-----		-----
				\$3,281,333		\$3,281,333
TOTAL G10 - SITE PREPARATION				\$6,374,108		\$6,374,108
G20 - SITE IMPROVEMENTS						
G2010 ROADWAYS						
<u>321000 PAVING AND CURBING</u>						
Site Drive and Parking - 80% :						
4" STD Bituminous - drive	\$5.10	SF	269,936	\$1,376,674	231,706	\$1,181,699
12" Gravel base @ 4" STD Bit	\$60.00	CY	9,998	\$599,858	8,582	\$514,901
Geotec fabric	\$1.05	SF	269,936	\$283,433	231,706	\$243,291
Bit Pourous Pavement - 20% :						
4" Bit Porous Pavement	\$5.60	SF	67,484	\$377,910	57,926	\$324,388
4" Pavement chocker	\$55.00	CY	825	\$45,364	708	\$38,939
12" sand filter	\$55.00	CY	2,499	\$137,467	2,145	\$117,998
3" gravel filter course	\$60.00	CY	625	\$37,491	536	\$32,181
9" washed stone reservoir course	\$65.00	CY	1,875	\$121,846	1,609	\$104,589
Geotec fabric	\$1.05	SF	67,484	\$70,858	57,926	\$60,823
Site Curbing:						
Granite Curbing - Straight/Rad/Trans.	\$52.50	LF	17,373	\$912,083	14,297	\$750,593

Lexington High School - New Construction - PSR

DESCRIPTION	UNIT COST	UNIT	OPT B.1 ADD/RENO		OPT B.4 ADD/RENO	
			QUANTITY	TOTAL	QUANTITY	TOTAL
Misc.						
Parking/traffic signage	\$0.10	SF	337,420	\$33,742	289,632	\$28,963
Pavement line painting & markings	\$0.20	SF	337,420	\$67,484	289,632	\$57,926
Vehicular Traffic gate	\$32,000.00	EA	2	\$64,000	2	\$64,000
*excludes pedestrian and traffic control lights		NIC				
				-----		-----
				\$4,128,210		\$3,520,292
G2030 PEDESTRIAN PAVING						
<u>321000 PAVING AND CURBING</u>						
Plaza area assumes 75,000 sf each option						
Plaza Concrete - 80%	\$12.00	SF	60,000	\$720,000	60,000	\$720,000
Plaza Unit Pavers - 20%	\$40.00	SF	15,000	\$600,000	15,000	\$600,000
Geotec fabric	\$1.05	SF	75,000	\$78,750	75,000	\$78,750
8" Gravel sub base	\$62.00	CY	1,852	\$114,803	1,852	\$114,803
Typ. 4" Concrete Walk	\$11.00	SF	45,968	\$505,648	70,249	\$772,739
Geotec fabric	\$1.05	SF	45,968	\$48,266	70,249	\$73,761
8" Gravel sub base	\$62.00	CY	1,135	\$70,364	1,734	\$107,531
HC Accessible Paver and curb cut	\$1,500.00	EA	30	\$45,000	30	\$45,000
*excludes town sidewalk, colored and exposed agg. concrete walks						
				-----		-----
				\$2,182,831		\$2,512,585
G2040 SITE DEVELOPMENT						
<u>323000 SITE IMPROVEMENTS</u>						
Toilet Concession Building	\$700.00	GSF	1,000	\$700,000	1,000	\$700,000
Grandstands:						
6" Concrete Bleacher Pad	12.00	SF	8,653	\$103,836	8,653	\$103,836

Lexington High School - New Construction - PSR

DESCRIPTION	UNIT COST	UNIT	OPT B.1 ADD/RENO		OPT B.4 ADD/RENO	
			QUANTITY	TOTAL	QUANTITY	TOTAL
12" Gravel sub base	48.00	CY	320	\$15,360	320	\$15,360
Alum bleacher (1,000 EA)	300.00	SF	2,500	\$750,000	2,500	\$750,000
Press Box w/ lift	125,000.00	LS	1	\$125,000	1	\$125,000
8" Concrete Bleacher Pad	15.00	SF	3,000	\$45,000	3,000	\$45,000
12" Gravel sub base	48.00	CY	85	\$4,080	85	\$4,080
Softball & Little league Field (2 ea) :						
Infield mix & base -complete	\$8.00	SF	16,600	\$132,800	16,600	\$132,800
Home plate and rubber	\$2,500.00	LOC	2	\$5,000	2	\$5,000
Dugout Bench	\$3,500.00	EA	4	\$14,000	4	\$14,000
Chain link Backstop	\$35,000.00	EA	2	\$70,000	2	\$70,000
Side CL Fence - 6'	\$105.00	LF	500	\$52,500	500	\$52,500
CL Gate - sgl	\$4,000.00	EA	4	\$16,000	4	\$16,000
Scoreboard	\$35,000.00	EA	2	\$70,000	2	\$70,000
BaseballBall Field (2 ea) :						
Infield mix & base -complete	\$8.00	SF	24,000	\$192,000	24,000	\$192,000
Home plate and rubber	\$2,500.00	LOC	2	\$5,000	2	\$5,000
Dugout Bench	\$3,500.00	EA	4	\$14,000	4	\$14,000
Chain link Backstop	\$45,000.00	EA	2	\$90,000	2	\$90,000
Side CL Fence - 6'	\$105.00	LF	800	\$84,000	800	\$84,000
CL Gate - sgl	\$4,000.00	EA	4	\$16,000	4	\$16,000
Scoreboard	\$35,000.00	EA	2	\$70,000	2	\$70,000
Site Improvements:						
Trash/Recycle Receptacle	\$3,500.00	EA	10	\$35,000	10	\$35,000
Bicycle rack	\$975.00	EA	20	\$19,500	20	\$19,500
Picnic table & bench	\$7,500.00	EA	4	\$30,000	4	\$30,000
Ped security bollard	\$2,500.00	EA	50	\$125,000	50	\$125,000
Raised Garden bed (4'x8' x1'H)	\$2,600.00	EA	6	\$15,600	6	\$15,600
ADA Raised Garden bed (4'x4' x 2' H)	\$1,850.00	EA	3	\$5,550	3	\$5,550
6' stl bench -backed w/ arms	\$4,500.00	EA	20	\$90,000	20	\$90,000
8' Granite slab bench	\$6,000.00	EA	25	\$150,000	25	\$150,000
Soccer Field:						
Soccer goal	\$4,000.00	EA	2	\$8,000	2	\$8,000
Safety netting		NIC				
Screen wall at Transformer	\$75,000.00	LS	1	\$75,000	1	\$75,000

Lexington High School - New Construction - PSR

DESCRIPTION	UNIT COST	UNIT	OPT B.1 ADD/RENO		OPT B.4 ADD/RENO	
			QUANTITY	TOTAL	QUANTITY	TOTAL
Mech Yard -Allow:						
Decorative Gravel surface	\$6.00	SF	100	\$600	100	\$600
8" Gravel base	\$55.00	CY	2	\$136	2	\$136
Metal Utility Bollard	\$1,325.00	EA	8	\$10,600	8	\$10,600
6' Alum Utility Screen	\$150.00	LF	100	\$15,000	100	\$15,000
Fencing-Allow:						
Fencing - allow	\$500,000.00	LS	1	\$500,000	1	\$500,000
Site sign	\$35,000.00	EA	1	\$35,000	1	\$35,000
Dumpster enclosure		NIC				
Masonry veneer @ site wall		NIC				
Misc. site improvements	\$1,500,000.00	LS	1	\$1,500,000	1	\$1,500,000
				-----		-----
				\$5,189,562		\$5,189,562
G2050 LANDSCAPING						
<u>329000 PLANTING</u>						
Shrub bed	\$10.00	SF	15,000	\$150,000	15,000	\$150,000
Planting Allowance	\$0.75	SF	2,000,000	\$1,500,000	2,000,000	\$1,500,000
Planting maintenance	\$75,000.00	LS	1	\$75,000	1	\$75,000
Athletic Fields:						
Sod	\$1.25	SF	376,225	\$470,281	376,225	\$470,281
12" Draiage Layer	\$55.00	CY	13,934	\$766,384	13,934	\$766,384
Filter Fabric	\$1.05	SF	376,225	\$395,036	376,225	\$395,036
Field Under drain	\$0.80	SF	376,225	\$300,980	376,225	\$300,980
Rain Garden	\$32.00	SF	15,000	\$480,000	15,000	\$480,000
Hydroseed - typ lawn	\$0.50	SF	869,000	\$434,500	859,600	\$429,800
Loam:						
12" Planting Bed - import	\$88.00	CY	556	\$48,889	556	\$48,889
2" Mulch	\$62.00	CY	94	\$5,856	94	\$5,856

Lexington High School - New Construction - PSR

DESCRIPTION	UNIT COST	UNIT	OPT B.1 ADD/RENO		OPT B.4 ADD/RENO	
			QUANTITY	TOTAL	QUANTITY	TOTAL
Loam Amended soil:						
6" Typ Athletic Field - import	\$82.00	CY	6,967	\$571,305	6,967	\$571,305
6" Typ Lawn - import	\$82.00	CY	16,093	\$1,319,593	15,919	\$1,305,319
Irrigation System:						
Athletic Fields	\$2.00	SF	376,225	\$752,450	376,225	\$752,450
Lawn	N/A					
Plant bed	N/A					
				-----		-----
				\$7,270,273		\$7,251,299
TOTAL G20 - SITE IMPROVEMENTS				\$18,770,877		\$18,473,738
G30 - SITE MECHANICAL UTILITIES						
G3010 WATER SUPPLY						
330000 UTILITIES						
Street Connection	\$3,000.00	LOC	2	\$6,000	2	\$6,000
Temp St pavement cut & patch	\$1,000.00	LOC	2	\$2,000	2	\$2,000
12" Main	\$145.00	LF	4,000	\$580,000	4,000	\$580,000
8" Domestic	\$124.00	LF	125	\$15,500	125	\$15,500
12" Gate valve	\$6,500.00	EA	4	\$26,000	4	\$26,000
8" Gate valve	\$3,600.00	EA	4	\$14,400	4	\$14,400
6" Fire Service	\$97.00	LF	250	\$24,250	250	\$24,250
6" Gate valve dom	\$3,000.00	EA	4	\$12,000	4	\$12,000
Fire Hydrant	\$4,500.00	EA	2	\$9,000	2	\$9,000
6" Hydrant Service	\$97.00	LF	50	\$4,850	50	\$4,850
6" Gate valve hydrant	\$3,500.00	EA	2	\$7,000	2	\$7,000
Test, sanitize, thrust block , misc.	\$10,000.00	LS	1	\$10,000	1	\$10,000
				-----		-----
				\$711,000		\$711,000
G3020 SANITARY SEWER						

Lexington High School - New Construction - PSR

DESCRIPTION	UNIT COST	UNIT	OPT B.1 ADD/RENO		OPT B.4 ADD/RENO	
			QUANTITY	TOTAL	QUANTITY	TOTAL
330000 UTILITIES						
Street Connection	\$30,000.00	LOC	1	\$30,000	1	\$30,000
Temp St pavement cut & patch	\$10,000.00	LOC	1	\$10,000	1	\$10,000
8" PVC San Main	\$110.00	LF	1,500	\$165,000	1,500	\$165,000
Site manhole	\$5,000.00	EA	3	\$15,000	3	\$15,000
Ext Grease Trap - 6,000 gal	\$45,000.00	EA	2	\$90,000	2	\$90,000
Int Grease interceptor		W / plumbing				
				-----		-----
				\$310,000		\$310,000
G3030 STORM SEWER						
330000 UTILITIES						
Drainage System @						
Pavement	\$6.50	SF	458,388	\$2,979,522	434,881	\$2,826,727
Building footprint	\$6.50	FTP	172,583	\$1,121,790	151,307	\$983,496
				-----		-----
				\$4,101,312		\$3,810,222
G3060 FUEL DISTRIBUTION		TBD				
				-----		-----
				\$0		\$0
TOTAL G30 - SITE MECHANICAL UTILITIES				\$5,122,312		\$4,831,222
G40 - SITE ELECTRICAL UTILITIES						
G4010 ELECTRICAL DISTRIBUTION						
330000 UTILITIES						

Lexington High School - New Construction - PSR

DESCRIPTION	UNIT COST	UNIT	OPT B.1 ADD/RENO		OPT B.4 ADD/RENO	
			QUANTITY	TOTAL	QUANTITY	TOTAL
Primary 15 kva Service, Equipment and Feed Site Electric by owner						
Duct banks:						
Pole dressing	\$3,500.00	LS	2	\$7,000	2	\$7,000
Primary duct bank	\$125.00	LF	1,500	\$187,500	950	\$118,750
Secondary duct bank and conductor	\$250.00	LF	150	\$37,500	150	\$37,500
Tele data duct bank	\$125.00	LF	1,400	\$175,000	1,400	\$175,000
EV Station feed	\$35.00	LF	2,500	\$87,500	2,500	\$87,500
PV Canopy feed	\$35.00	LF	1,000	\$35,000	1,000	\$35,000
Transformer pad and grounding	\$25,000.00	EA	1	\$25,000	1	\$25,000
Generator pad and grounding	\$25,000.00	EA	1	\$25,000	1	\$25,000
Demolition and disconnect	\$20,000.00	LS	1	\$20,000	1	\$20,000
Temp Electrical	\$25,000.00	LS	1	\$25,000	1	\$25,000
*Electrical poles and primary by others						
EV Station:						
NEMA Cab, 400 amp panel	\$35,000.00	EA	1	\$35,000	1	\$35,000
EV Station feed	\$35.00	LF	2,500	\$87,500	2,500	\$87,500
EV SGL Charging station	\$15,000.00	EA	20	\$300,000	20	\$300,000
Future EV (120 Stations):						
Primary Feed - allow	\$250.00	LF	1,000	\$250,000	1,000	\$250,000
EV Station Branch Feed 50	\$28.00	LF	5,000	\$140,000	5,000	\$140,000
EV Station PVC only 70	\$12.50	LF	7,000	\$87,500	7,000	\$87,500
Handholes and misc.	\$550.00	EA	150	\$82,500	150	\$82,500
Site Security	\$50,000.00	LS	1	\$50,000	1	\$50,000
				-----		-----
				\$1,657,000		\$1,588,250
G4020 SITE LIGHTING						
<u>260001 ELECTRICAL*</u>						
Lighting Fixtures:						
Parking Fixtures	\$4,000.00	EA	35	\$140,000	35	\$140,000

Lexington High School - New Construction - PSR

DESCRIPTION	UNIT COST	UNIT	OPT B.1 ADD/RENO		OPT B.4 ADD/RENO	
			QUANTITY	TOTAL	QUANTITY	TOTAL
Pedestrian Bollard Fixture(G2050)	\$3,500.00	EA	30	\$105,000	30	\$105,000
Flagpole light(G2050)	\$1,150.00	EA	1	\$1,150	1	\$1,150
1" c Light feed	\$14.00	LF	5,000	\$70,000	5,000	\$70,000
Specialty Lighting	\$25,000.00	LS	1	\$25,000	1	\$25,000
New Site Lighting:						
Sports Field lighting	\$120,000.00	EA	8	\$960,000	8	\$960,000
Light pole feeder trench	\$14.50	LF	5,000	\$72,500	5,000	\$72,500
Light pole base	\$950.00	EA	35	\$33,250	35	\$33,250
*Excludes traffic lights						
*Excludes sports field lighting						
				-----		-----
				\$1,406,900		\$1,406,900
TOTAL G40 - SITE ELECTRICAL UTILITIES				\$3,063,900		\$2,995,150

PROJECT: Lexington High School School
LOCATION: Lexington, MA
CLIENT: SMMA
DATE: 09-Oct-24



No.: 22025 **SUMMARY**

A. SUBSTRUCTURE

A10 - FOUNDATIONS
A1010 STANDARD FOUNDATIONS
A1020 SPECIAL FOUNDATIONS
A1030 SLAB ON GRADE
A20 - BASEMENT CONSTRUCTION
A2010 BASEMENT EXCAVATION
A2020 BASEMENT WALLS

B. SHELL

B10 - SUPERSTRUCTURE
B1010 FLOOR CONSTRUCTION
B1020 ROOF CONSTRUCTION
B20 - EXTERIOR ENCLOSURE
B2010 EXTERIOR WALLS
B2020 EXTERIOR WINDOWS
B2030 EXTERIOR DOORS
B30 - ROOFING
B3010 ROOF COVERINGS
B3020 ROOF OPENINGS

C. INTERIORS

C10 - INTERIOR CONSTRUCTION
C1010 PARTITIONS
C1020 INTERIOR DOORS
C1030 FITTINGS
C20 - STAIRS
C2010 STAIR CONSTRUCTION
C2020 STAIR FINISHES
C30 - INTERIOR FINISHES
C3010 WALL FINISHES
C3020 FLOOR FINISHES
C3030 CEILING FINISHES

OPT C1.d NEW ESTIMATE TOTAL	OPT C.2b NEW ESTIMATE TOTAL	OPT C.5b NEW ESTIMATE TOTAL	OPT D.2 NEW ESTIMATE TOTAL
\$12,420,710	\$12,151,791	\$12,627,648	\$11,544,242
\$0	\$0	\$0	\$0
\$2,998,377	\$2,977,421	\$3,059,617	\$2,765,845
\$0	\$0	\$0	\$0
\$0	\$0	\$0	\$0
\$18,065,698	\$18,059,945	\$17,840,576	\$18,874,886
\$9,088,050	\$9,029,129	\$9,260,239	\$8,434,249
\$21,803,368	\$18,315,246	\$21,631,168	\$20,641,833
\$10,166,920	\$8,323,134	\$10,075,514	\$9,481,163
\$455,600	\$455,600	\$455,600	\$455,600
\$6,956,470	\$9,138,399	\$7,223,319	\$6,208,053
\$249,250	\$249,250	\$249,250	\$249,250
\$19,261,782	\$20,484,982	\$19,261,782	\$19,149,282
\$4,781,804	\$4,781,804	\$4,781,804	\$4,781,804
\$6,253,938	\$6,173,029	\$6,249,927	\$5,923,846
\$1,434,000	\$1,434,000	\$1,434,000	\$1,434,000
\$366,800	\$366,800	\$366,800	\$366,800
\$7,493,872	\$7,493,872	\$7,493,872	\$7,493,872
\$6,612,240	\$6,612,240	\$6,612,240	\$6,612,240
\$6,612,240	\$6,612,240	\$6,612,240	\$6,612,240

Lexington High School - New Construction - PSR

10/9/24

G. BUILDING SITEWORK

G10 - SITE PREPARATION

G1010 SITE CLEARING

G1020 SITE DEMOLITION & RELOCATIONS

G1030 SITE EARTHWORK

G1040 HAZARDOUS WASTE REMEDIATION

G20 - SITE IMPROVEMENTS

G2010 ROADWAYS

G2020 PARKING LOTS

G2030 PEDESTRIAN PAVING

G2040 SITE DEVELOPMENT

G2050 LANDSCAPING

G30 - SITE MECHANICAL UTILITIES

G3010 WATER SUPPLY

G3020 SANITARY SEWER

G3030 STORM SEWER

G3040 HEATING DISTRIBUTION

G3050 COOLING DISTRIBUTION

G3060 FUEL DISTRIBUTION

G3090 OTHER SITE MECHANICAL UTILITIES

G40 - SITE ELECTRICAL UTILITIES

G4010 ELECTRICAL DISTRIBUTION

G4020 SITE LIGHTING

SITEWORK COST

TOTAL DIRECT COST

OPT C1.d NEW ESTIMATE TOTAL	OPT C.2b NEW ESTIMATE TOTAL	OPT C.5b NEW ESTIMATE TOTAL	OPT D.2 NEW ESTIMATE TOTAL
\$723,650	\$723,650	\$723,650	\$782,400
\$2,119,125	\$2,119,125	\$2,119,125	\$2,392,125
\$5,178,333	\$5,178,333	\$5,178,333	\$4,488,333
\$0	\$0	\$0	\$0
\$4,787,194	\$5,231,375	\$4,141,834	\$4,274,660
\$0	\$0	\$0	\$0
\$2,463,423	\$2,357,262	\$2,542,625	\$2,315,379
\$5,189,562	\$5,189,562	\$5,189,562	\$5,189,562
\$7,234,489	\$7,186,862	\$7,855,225	\$7,368,260
\$711,000	\$711,000	\$711,000	\$711,000
\$310,000	\$310,000	\$310,000	\$310,000
\$4,572,458	\$4,727,041	\$4,207,509	\$4,211,220
\$0	\$0	\$0	\$0
\$0	\$0	\$0	\$0
\$0	\$0	\$0	\$0
\$0	\$0	\$0	\$0
\$1,663,250	\$1,594,500	\$1,663,250	\$1,594,500
\$1,406,900	\$1,406,900	\$1,406,900	\$1,406,900
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\$36,359,383	\$36,735,609	\$36,049,012	\$35,044,339
\$316,766,747	\$319,520,085	\$316,321,194	\$316,153,463

DESCRIPTION	UNIT COST	UNIT	OPT C1.d NEW		OPT C.2b NEW		OPT C.5b NEW		OPT D.2 NEW	
			QUANTITY	TOTAL	QUANTITY	TOTAL	QUANTITY	TOTAL	QUANTITY	TOTAL
A. SUBSTRUCTURE										
A10 - FOUNDATIONS										
A1010 STANDARD FOUNDATIONS										
033000 CAST IN PLACE CONCRETE										
Foundations :										
Wall Footing 1' x 3':	\$600.00	CY	337	\$202,067	296	\$177,867	335	\$201,000	325	\$194,867
Frost wall - 4 'x 20"	\$1,550.00	CY	748	\$1,160,012	659	\$1,021,086	744	\$1,153,889	722	\$1,118,679
Interior Foundations	\$1,200.00	CY	75	\$90,000	75	\$90,000	75	\$90,000	75	\$90,000
Column Footing	\$675.00	CY	2,826	\$1,907,438	2,806	\$1,894,106	2,884	\$1,946,396	2,607	\$1,759,511
Elev Mat - 12"	\$650.00	CY	12	\$7,800	12	\$7,800	12	\$7,800	12	\$7,800
Elev pit wall	\$1,100.00	CY	14	\$15,400	14	\$15,400	14	\$15,400	14	\$15,400
Pilasters	\$1,200.00	CY	150	\$179,615	132	\$158,104	149	\$178,667	144	\$173,215
Equipment pads	\$25,000.00	LS	1	\$25,000	1	\$25,000	1	\$25,000	1	\$25,000
072100 INSULATION										
4" Rigid ext. found. insul w/prot.bd	\$4.95	SF	12,124	\$60,014	10,672	\$52,826	12,060	\$59,697	11,692	\$57,875
071000 DAMPPROOF., WATERPROOF. & CAULKING*										
Foundation dampproofing	\$2.30	SF	12,124	\$27,885	10,672	\$24,546	12,060	\$27,738	11,692	\$26,892
310000 EARTHWORK										
Foundation Excavation and Backfill	25.00	CY	12,559	\$313,981	12,471	\$311,787	12,816	\$320,394	11,585	\$289,631
Structural fill -6' (exisitng to proposed)	58.00	CY	37,678	\$2,185,311	37,414	\$2,170,038	38,447	\$2,229,945	34,756	\$2,015,835
Rigid Inclusions	35.00	FTP	169,550	\$5,934,250	168,365	\$5,892,775	173,013	\$6,055,455	156,401	\$5,474,035
Under slab Drain	\$1.25	SF	169,550	\$211,938	168,365	\$210,456	173,013	\$216,266	156,401	\$195,501
Dewatering	\$100,000.00	LS	1	\$100,000	1	\$100,000	1	\$100,000	1	\$100,000
			-----		-----		-----		-----	
			\$12,420,710		\$12,151,791		\$12,627,648		\$11,544,242	
A1030 SLAB ON GRADE										

DESCRIPTION	UNIT COST	UNIT	OPT C1.d NEW		OPT C.2b NEW		OPT C.5b NEW		OPT D.2 NEW	
			QUANTITY	TOTAL	QUANTITY	TOTAL	QUANTITY	TOTAL	QUANTITY	TOTAL

DESCRIPTION	UNIT COST	UNIT	OPT C1.d NEW		OPT C.2b NEW		OPT C.5b NEW		OPT D.2 NEW	
			QUANTITY	TOTAL	QUANTITY	TOTAL	QUANTITY	TOTAL	QUANTITY	TOTAL
3" x 18 Ga. comp deck	\$5.90	SF	271,266	\$1,600,469	272,451	\$1,607,461	267,803	\$1,580,038	284,415	\$1,678,049
072100 INSULATION										
Spray on fireproofing - beam & colum	\$2.95	SF	271,266	\$800,235	272,451	\$803,730	267,803	\$790,019	284,415	\$839,024
Intumescent - allow	\$300,000.00	LS	1	\$300,000	1	\$300,000	1	\$300,000	1	\$300,000
				-----	-----		-----		-----	
				\$18,065,698	\$18,059,945		\$17,840,576		\$18,874,886	
B1020 ROOF CONSTRUCTION										
033000 CAST IN PLACE CONCRETE										
6" NW Deck fill - rtu pad	\$9.00	SF	35,000	\$315,000	35,000	\$315,000	35,000	\$315,000	35,000	\$315,000
051200 STRUCTURAL STEEL										
New Construction:										
Roof frame (11 lbs/sf)	\$5,450.00	TONS	933	\$5,082,261	926	\$5,046,741	952	\$5,186,065	860	\$4,688,120
Steel Connections - 10%	\$5,450.00	TONS	93	\$508,226	93	\$504,674	95	\$518,606	86	\$468,812
Lateral Brace - (1 lbs/sf)	\$5,450.00	TONS	85	\$462,024	84	\$458,795	87	\$471,460	78	\$426,193
Misc Steel - (1 lbs/sf)	\$5,450.00	TONS	85	\$462,024	84	\$458,795	87	\$471,460	78	\$426,193
Roof screen frame	inc. above									
Galv. RTU dunnage	inc. above									
Frame Canopies	inc. above									
053100 STEEL DECKING										
3" x 18 Ga roof deck - typ.	\$5.90	SF	151,550	\$894,145	150,365	\$887,154	155,013	\$914,577	138,401	\$816,566
3" x 18 Ga acoust. deck - gym/aux. gym	\$13.50	SF	18,000	\$243,000	18,000	\$243,000	18,000	\$243,000	18,000	\$243,000
1 1/2" x 20 Ga canopy roof deck	\$6.00	SF	500	\$3,000	500	\$3,000	500	\$3,000	500	\$3,000
072100 INSULATION										
Spray on fireproofing - beam & colum	\$2.95	SF	151,550	\$447,073	150,365	\$443,577	155,013	\$457,288	138,401	\$408,283
Spray on fireproofing - 1 hr deck	\$2.45	SF	151,550	\$371,298	150,365	\$368,394	155,013	\$379,782	138,401	\$339,082
Intumescent - allow	\$300,000.00	LS	1	\$300,000	1	\$300,000	1	\$300,000	1	\$300,000
				-----	-----		-----		-----	
				\$9,088,050	\$9,029,129		\$9,260,239		\$8,434,249	
TOTAL B10 SUPERSTRUCTURE			\$27,153,748		\$27,089,074		\$27,100,815		\$27,309,135	

DESCRIPTION	UNIT COST	UNIT	OPT C1.d NEW		OPT C.2b NEW		OPT C.5b NEW		OPT D.2 NEW	
			QUANTITY	TOTAL	QUANTITY	TOTAL	QUANTITY	TOTAL	QUANTITY	TOTAL
B20 - EXTERIOR ENCLOSURE										
B2010 EXTERIOR WALLS										
<u>040001 MASONRY*</u>										
MOCK -UP	\$125,000.00	LS	1	\$125,000	1	\$125,000	1	\$125,000	1	\$125,000
Masonry Veneer:										
Granite Veneer - 2%	\$100.00	SF	2,463	\$246,275	2,015	\$201,464	2,441	\$244,053	2,296	\$229,608
Masonry Veneer - 60%	\$50.00	SF	73,882	\$3,694,118	60,439	\$3,021,953	73,216	\$3,660,795	68,882	\$3,444,120
Canopy col. -complete	\$8,500.00	EA	10	\$85,000	10	\$85,000	10	\$85,000	10	\$85,000
Stainless steel masonry flashing	\$29.00	LF	3,031	\$87,899	2,668	\$77,372	3,015	\$87,435	2,923	\$84,767
Architectural Precast:										
Precast Window Sill	\$68.00	LF	6,841	\$465,185	5,596	\$380,542	6,779	\$460,989	6,378	\$433,704
Misc. Trim and Accents	\$10.00	SF	73,882	\$738,824	60,439	\$604,391	73,216	\$732,159	68,882	\$688,824
CMU Exterior Wall:										
4" Int gym veneer	\$36.00	SF	18,500	\$666,000	18,500	\$666,000	18,500	\$666,000	22,000	\$792,000
<u>054000 COLD FORMED METAL FRAMING</u>										
8" -12" x 18 Ga. stud @ typical wall	\$21.00	SF	123,137	\$2,585,882	100,732	\$2,115,367	122,027	\$2,562,557	114,804	\$2,410,884
1/2" Dens glass sheathing-ext. wall	\$4.50	SF	123,137	\$554,118	100,732	\$453,293	122,027	\$549,119	114,804	\$516,618
Soffit/eave framing - assume projected c	\$9.50	SF	7,578	\$71,986	6,670	\$63,365	7,538	\$71,606	7,308	\$69,421
3" Canopy ceiling framing	\$7.00	SF	1,500	\$10,500	1,500	\$10,500	1,500	\$10,500	1,500	\$10,500
1/2" Dens glass sheathing - eave/cornice	\$4.50	SF	7,578	\$34,099	6,670	\$30,015	7,538	\$33,919	7,308	\$32,884
1/2" Dens glass sheathing -canopy	\$4.50	SF	4,000	\$18,000	4,000	\$18,000	4,000	\$18,000	4,000	\$18,000
<u>050001 MISCELLANEOUS & ORNAMENTAL IRON*</u>										
Misc. Ext Metals	\$0.50	SF	123,137	\$61,569	100,732	\$50,366	122,027	\$61,013	114,804	\$57,402
Structural thermal break	\$0.75	SF	123,137	\$92,353	100,732	\$75,549	122,027	\$91,520	114,804	\$86,103
<u>071326 AIR & VAPOR BARRIERS</u>										
Air & vapor barrier - wall	\$9.50	SF	123,137	\$1,169,804	100,732	\$956,952	122,027	\$1,159,252	114,804	\$1,090,638
Air & vapor barrier - cornice	\$9.50	SF	7,578	\$71,986	6,670	\$63,365	7,538	\$71,606	7,308	\$69,421
Air & vapor barrier - canopy	\$9.50	SF	4,000	\$38,000	4,000	\$38,000	4,000	\$38,000	4,000	\$38,000
<u>072100 INSULATION</u>										

DESCRIPTION	UNIT COST	UNIT	OPT C1.d NEW		OPT C.2b NEW		OPT C.5b NEW		OPT D.2 NEW	
			QUANTITY	TOTAL	QUANTITY	TOTAL	QUANTITY	TOTAL	QUANTITY	TOTAL
Exterior Wall:										
Spray foam at perm openings	\$6.00	LF	34,205	\$205,229	27,981	\$167,886	33,896	\$203,378	31,890	\$191,340
8" Mineral wool Insul.	\$10.00	SF	123,137	\$1,231,373	100,732	\$1,007,318	122,027	\$1,220,265	114,804	\$1,148,040
3" Spray foam - stud cavity	\$4.65	SF	123,137	\$572,588	100,732	\$468,403	122,027	\$567,423	114,804	\$533,839
Bldg Cornice and CanopySoffit:										
8" Mineral wool Insul.	\$10.00	SF	7,578	\$75,775	6,670	\$66,700	7,538	\$75,375	7,308	\$73,075
3" Spray foam - stud cavity	\$4.65	SF	4,500	\$20,925	4,500	\$20,925	4,500	\$20,925	4,500	\$20,925
<u>071000 DAMPPROOF., WATERPROOF. & CAULKING*</u>										
Exterior Sealants	\$2.00	SF	164,183	\$328,366	134,309	\$268,618	162,702	\$325,404	153,072	\$306,144
<u>074213 PERFORMED CLADDING</u>										
Wall Panel:										
Metal Panel - 18%	\$100.00	SF	22,165	\$2,216,471	18,132	\$1,813,172	21,965	\$2,196,477	20,665	\$2,066,472
Terra Cotta Panel - 20%	\$150.00	SF	24,627	\$3,694,118	20,146	\$3,021,953	24,405	\$3,660,795	22,961	\$3,444,120
Alum. 16 ga Panel :										
Canopy ceiling	\$45.00	SF	4,000	\$180,000	4,000	\$180,000	4,000	\$180,000	4,000	\$180,000
Roof Eave Cladding	\$100.00	SF	7,578	\$757,750	6,670	\$667,000	7,538	\$753,750	7,308	\$730,750
Roof Screen:										
Metal Panel Equipment Screen	\$65.00	SF	16,000	\$1,040,000	16,000	\$1,040,000	16,000	\$1,040,000	16,000	\$1,040,000
<u>092116 GYPSUM WALLBOARD</u>										
1 Lyr 5/8" gyp @ ext. wall	\$4.50	SF	123,137	\$554,118	100,732	\$453,293	122,027	\$549,119	114,804	\$516,618
<u>090007 PAINTING*</u>										
Exterior painting	\$0.22	SF	164,183	\$36,120	134,309	\$29,548	162,702	\$35,794	153,072	\$33,676
<u>101400 IDENTIFYING DEVICES (EXT. BLD MTD SIGNAGE)</u>										
24" Alum bldg mtd letter - allow	\$420.00	EA	57	\$23,940	57	\$23,940	57	\$23,940	57	\$23,940
Misc. Bldg mtd signage	\$50,000.00	LS	1	\$50,000	1	\$50,000	1	\$50,000	1	\$50,000
				-----		-----		-----		-----
				\$21,803,368		\$18,315,246		\$21,631,168		\$20,641,833
<u>B2020 EXTERIOR WINDOWS</u>										
<u>061000 ROUGH CARPENTRY</u>										
P.T. - perim blocking	\$14.00	LF	34,205	\$478,867	27,981	\$391,735	33,896	\$474,548	31,890	\$446,460

DESCRIPTION	UNIT COST	UNIT	OPT C1.d NEW		OPT C.2b NEW		OPT C.5b NEW		OPT D.2 NEW	
			QUANTITY	TOTAL	QUANTITY	TOTAL	QUANTITY	TOTAL	QUANTITY	TOTAL
<u>071326 AIR & VAPOR BARRIERS</u>										
Flex flashing - perim	\$10.00	LF	34,205	\$342,048	27,981	\$279,810	33,896	\$338,963	31,890	\$318,900
<u>071000 DAMPPROOF., WATERPROOF. & CAULKING*</u>										
Window Caulking	\$12.75	LF	34,205	\$436,111	27,981	\$356,758	33,896	\$432,177	31,890	\$406,598
<u>080001 METAL WINDOWS*</u>										
TRP Glazing Exterior										
Alum Window - 50%	\$170.00	SF	20,523	\$3,488,889	16,789	\$2,854,066	20,338	\$3,457,418	19,134	\$3,252,780
Alum Curtainwall - 50%	\$225.00	SF	20,523	\$4,617,647	16,789	\$3,777,441	20,338	\$4,575,994	19,134	\$4,305,150
Security glazing - 15% of total	\$50.00	SF	6,157	\$307,843	5,037	\$251,829	6,101	\$305,066	5,740	\$287,010
Sun Shading:										
Horizontal Window Sunscreen - 40%	\$225.00	LF	2,052	\$461,765	1,679	\$377,744	2,034	\$457,599	1,913	\$430,515
<u>109000 MISCELLANEOUS SPECIALTIES</u>										
Alum louvers - allow	\$135.00	SF	250	\$33,750	250	\$33,750	250	\$33,750	250	\$33,750
				-----		-----		-----		-----
				\$10,166,920		\$8,323,134		\$10,075,514		\$9,481,163
B2030 EXTERIOR DOORS										
<u>080001 METAL WINDOWS*</u>										
7' Alum. Doors (Incl. Hardware):										
Main Entry - dbl	\$20,000.00	EA	10	\$200,000	10	\$200,000	10	\$200,000	10	\$200,000
Side Egress- dbl	\$20,000.00	EA	8	\$160,000	8	\$160,000	8	\$160,000	8	\$160,000
Egress - sgl	\$10,000.00	EA	4	\$40,000	4	\$40,000	4	\$40,000	4	\$40,000
Auto opener - allow	\$9,000.00	PR	2	\$18,000	2	\$18,000	2	\$18,000	2	\$18,000
*Storefront at entries W /B 2020										
Security Glazing Premium	\$750.00	LVS	32	\$24,000	32	\$24,000	32	\$24,000	32	\$24,000
<u>081113 HOLLOW METALWORK</u>										
Insulated HM Doors and Frame:										
Custodial - dbl	\$3,000.00	EA	2	\$6,000	2	\$6,000	2	\$6,000	2	\$6,000
MEP - dbl	\$3,000.00	EA	2	\$6,000	2	\$6,000	2	\$6,000	2	\$6,000
<u>090007 PAINTING*</u>										

DESCRIPTION	UNIT COST	UNIT	OPT C1.d NEW		OPT C.2b NEW		OPT C.5b NEW		OPT D.2 NEW	
			QUANTITY	TOTAL	QUANTITY	TOTAL	QUANTITY	TOTAL	QUANTITY	TOTAL
Paint HM Door & frame - dbl	\$400.00	EA	4	\$1,600	4	\$1,600	4	\$1,600	4	\$1,600
				-----		-----		-----		-----
				\$455,600		\$455,600		\$455,600		\$455,600
TOTAL B20 - EXTERIOR ENCLOSURE				\$32,425,887		\$27,093,979		\$32,162,282		\$30,578,595
B30 - ROOFING										
B3010 ROOF COVERINGS										
<u>061000 ROUGH CARPENTRY</u>										
Roof Blocking - main bldg	\$1.45	SF	169,550	\$245,848	168,365	\$244,129	173,013	\$250,869	156,401	\$226,781
Roof Blocking - canopy	\$1.20	SF	4,000	\$4,800	4,000	\$4,800	4,000	\$4,800	4,000	\$4,800
<u>070002 ROOFING AND FLASHING*</u>										
PVC roof - canopy	\$28.00	SF	4,000	\$112,000	4,000	\$112,000	4,000	\$112,000	4,000	\$112,000
PVC roof w/ 10" rigid insul	\$31.00	SF	169,550	\$5,256,050	168,365	\$5,219,315	173,013	\$5,363,403	156,401	\$4,848,431
Outdoor Terrace - Premium	\$75.00	SF	12,316	\$923,700	42,219	\$3,166,425	14,322	\$1,074,150	8,358	\$626,850
Roof walkway pad (2'x2')	\$8.50	SF	8,478	\$72,059	8,418	\$71,555	8,651	\$73,531	7,820	\$66,470
Alum. Trim :										
Perimeter wall Coping	\$45.00	LF	3,031	\$136,395	2,668	\$120,060	3,015	\$135,675	2,923	\$131,535
Base Flashing	\$34.00	LF	1,061	\$36,069	934	\$31,749	1,055	\$35,879	1,023	\$34,784
Misc. flashing	\$1.00	SF	169,550	\$169,550	168,365	\$168,365	173,013	\$173,013	156,401	\$156,401
				-----		-----		-----		-----
				\$6,956,470		\$9,138,399		\$7,223,319		\$6,208,053
B3020 ROOF OPENINGS										
<u>077200 ROOF ACCESSORIES</u>										
Roof hatch	\$4,250.00	EA	1	\$4,250	1	\$4,250	1	\$4,250	1	\$4,250
Stage smoke hatch	\$15,000.00	EA	3	\$45,000	3	\$45,000	3	\$45,000	3	\$45,000
OSHA Rail	\$200.00	LF	500	\$100,000	500	\$100,000	500	\$100,000	500	\$100,000
Skylights	\$100,000.00	EA	1	\$100,000	1	\$100,000	1	\$100,000	1	\$100,000
				-----		-----		-----		-----
				\$249,250		\$249,250		\$249,250		\$249,250

DESCRIPTION	UNIT COST	UNIT	OPT C1.d NEW		OPT C.2b NEW		OPT C.5b NEW		OPT D.2 NEW	
			QUANTITY	TOTAL	QUANTITY	TOTAL	QUANTITY	TOTAL	QUANTITY	TOTAL
TOTAL B30 ROOFING				\$7,205,720		\$9,387,649		\$7,472,569		\$6,457,303
<u>C. INTERIORS</u>										
C10 - INTERIOR CONSTRUCTION										
C1010 PARTITIONS										
<u>040001 MASONRY*</u>										
8" CMU Elev Shaft	\$43.50	SF	5,280	\$229,680	5,280	\$229,680	5,280	\$229,680	5,280	\$229,680
4" Int gym veneer	\$36.00	SF	25,000	\$900,000	25,000	\$900,000	25,000	\$900,000	22,000	\$792,000
<u>050001 MISCELLANEOUS & ORNAMENTAL IRON*</u>										
Masonry - Clip and lintels	\$1.50	SF	30,280	\$45,420	30,280	\$45,420	30,280	\$45,420	27,280	\$40,920
<u>061000 ROUGH CARPENTRY</u>										
Interior blocking	\$1.00	GSF	440,816	\$440,816	440,816	\$440,816	440,816	\$440,816	440,816	\$440,816
Misc. rough carpentry	\$1.00	GSF	440,816	\$440,816	440,816	\$440,816	440,816	\$440,816	440,816	\$440,816
Clean Safety and Laborer	\$4.00	GSF	440,816	\$1,763,264	440,816	\$1,763,264	440,816	\$1,763,264	440,816	\$1,763,264
<u>072100 INSULATION</u>										
Firestopping	\$0.85	GSF	440,816	\$374,694	440,816	\$374,694	440,816	\$374,694	440,816	\$374,694
<u>081113 HOLLOW METALWORK</u>										
Interior H.M Windows, Sidelites and Transoms (INC. GLAZING):										
Door window/sidelight & transom	\$2.00	SF	440,816	\$881,632	440,816	\$881,632	440,816	\$881,632	440,816	\$881,632
<u>083323 SPECIAL DOORS</u>										
Access panels	\$0.25	GSF	440,816	\$110,204	440,816	\$110,204	440,816	\$110,204	440,816	\$110,204
<u>080001 METAL WINDOWS*</u>										
Interior Aluminum Storefront:										
Vestibule and Entries	\$88.00	SF	5,000	\$440,000	5,000	\$440,000	5,000	\$440,000	5,000	\$440,000
Administration area	\$88.00	SF	1,500	\$132,000	15,400	\$1,355,200	1,500	\$132,000	1,500	\$132,000
General Building Area	\$0.50	GSF	440,816	\$220,408	440,816	\$220,408	440,816	\$220,408	440,816	\$220,408
Security glazing - premium	\$50.00	SF	5,000	\$250,000	5,000	\$250,000	5,000	\$250,000	5,000	\$250,000
<u>092116 GYPSUM WALLBOARD</u>										

DESCRIPTION	UNIT COST	UNIT	OPT C1.d NEW		OPT C.2b NEW		OPT C.5b NEW		OPT D.2 NEW	
			QUANTITY	TOTAL	QUANTITY	TOTAL	QUANTITY	TOTAL	QUANTITY	TOTAL
Drywall Partitions: GWB assemblies	\$28.00	GSF	440,816	\$12,342,848	440,816	\$12,342,848	440,816	\$12,342,848	440,816	\$12,342,848
Operable Partition: Glazed operable wall 8'x 15' (3a ea)	\$150.00	SF	3,600	\$540,000	3,600	\$540,000	3,600	\$540,000	3,600	\$540,000
Elec Op Folding Partition	\$150,000.00	LS	1	\$150,000	1	\$150,000	1	\$150,000	1	\$150,000
				----- \$19,261,782		----- \$20,484,982		----- \$19,261,782		----- \$19,149,282
C1020 INTERIOR DOORS										
<u>081113 HOLLOW METALWORK</u>										
<u>081416 WOOD AND PLASTIC DOORS</u>										
<u>087100 DOOR HARDWARE</u>										
Interior Door frame and Hardware	\$6.50	GSF	440,816	\$2,865,304	440,816	\$2,865,304	440,816	\$2,865,304	440,816	\$2,865,304
Electronic lock door hardware	\$1,500.00	EA	800	\$1,200,000	800	\$1,200,000	800	\$1,200,000	800	\$1,200,000
<u>080001 METAL WINDOWS*</u>										
Aluminum (Frame, Door, Glass, Glazing and Hdw): Vest - dbl	\$16,500.00	PR	10	\$165,000	10	\$165,000	10	\$165,000	10	\$165,000
Main office -sgl	\$4,000.00	EA	2	\$8,000	2	\$8,000	2	\$8,000	2	\$8,000
<u>083323 SPECIAL DOORS</u>										
Dish drop window	\$5,000.00	EA	1	\$5,000	1	\$5,000	1	\$5,000	1	\$5,000
Kitchen OH grille	\$4,500.00	EA	1	\$4,500	1	\$4,500	1	\$4,500	1	\$4,500
Fire Shutters	\$150,000.00	LS	1	\$150,000	1	\$150,000	1	\$150,000	1	\$150,000
Security Gate and Grill	\$24,000.00	EA	16	\$384,000	16	\$384,000	16	\$384,000	16	\$384,000
				----- \$4,781,804		----- \$4,781,804		----- \$4,781,804		----- \$4,781,804
C1030 FITTINGS										
<u>050001 MISCELLANEOUS & ORNAMENTAL IRON*</u>										
Misc. metals	\$2.00	GSF	440,816	\$881,632	440,816	\$881,632	440,816	\$881,632	440,816	\$881,632
Auditorium Railings	\$100,000.00	LS	1	\$100,000	1	\$100,000	1	\$100,000	1	\$100,000
Floor Opening Railins	\$450.00	LF	1,000	\$450,000	1,000	\$450,000	1,000	\$450,000	1,000	\$450,000
<u>062000 FINISH CARPENTRY</u>										

DESCRIPTION	UNIT COST	UNIT	OPT C1.d NEW		OPT C.2b NEW		OPT C.5b NEW		OPT D.2 NEW	
			QUANTITY	TOTAL	QUANTITY	TOTAL	QUANTITY	TOTAL	QUANTITY	TOTAL
Utility & closet shelving	\$25,000.00	LS	1	\$25,000	1	\$25,000	1	\$25,000	1	\$25,000
Typ. window sill/apron (nic cw-gym)	\$65.00	LF	6,841	\$444,662	5,596	\$363,754	6,779	\$440,651	6,378	\$414,570
Stage Proscenium and Aud. Trim	\$150,000.00	LS	1	\$150,000	1	\$150,000	1	\$150,000	1	\$150,000
Misc. wood trim	\$2.00	GSF	440,816	\$881,632	440,816	\$881,632	440,816	\$881,632	440,816	\$881,632
Media Center Built-in	\$75,000.00	LS	1	\$75,000	1	\$75,000	1	\$75,000	1	\$75,000
Custom Casework:										
Admin casework	\$35,000.00	LS	1	\$35,000	1	\$35,000	1	\$35,000	1	\$35,000
Circulation desk	\$25,000.00	LS	1	\$25,000	1	\$25,000	1	\$25,000	1	\$25,000
<u>102113 COMPARTMENTS & CUBICLES</u>										
Solid Plastic Toilet Partitions:										
Std. partition	\$1,385.00	EA	45	\$62,325	45	\$62,325	45	\$62,325	45	\$62,325
HC partition	\$1,590.00	EA	20	\$31,800	20	\$31,800	20	\$31,800	20	\$31,800
<u>102813 TOILET & BATH ACCESSORIES</u>										
Building Toilet Accessories	\$0.92	GSF	440,816	\$405,551	440,816	\$405,551	440,816	\$405,551	440,816	\$405,551
*Excludes classroom accessories										
<u>101100 MARKERBOARDS & TACKBOARDS</u>										
Marker board tackboard	\$1.35	GSF	440,816	\$595,102	440,816	\$595,102	440,816	\$595,102	440,816	\$595,102
Glass Display Case	\$1,000.00	LF	100	\$100,000	100	\$100,000	100	\$100,000	100	\$100,000
<u>109000 MISCELLANEOUS SPECIALTIES</u>										
Student Lockers	\$450.00	EA	2,315	\$1,041,750	2,315	\$1,041,750	2,315	\$1,041,750	2,315	\$1,041,750
PE/Team Lockers	\$400.00	EA	500	\$200,000	500	\$200,000	500	\$200,000	500	\$200,000
Kitchen staff locker(12"wx15" D x 6'h)	\$350.00	EA	20	\$7,000	20	\$7,000	20	\$7,000	20	\$7,000
Custodian staff(12"wx15" D x 6'h)	\$350.00	EA	5	\$1,750	5	\$1,750	5	\$1,750	5	\$1,750
Wall & corner guards - allow	\$5,000.00	LS	1	\$5,000	1	\$5,000	1	\$5,000	1	\$5,000
Fire extinguisher and cab - allow	\$550.00	EA	50	\$27,500	50	\$27,500	50	\$27,500	50	\$27,500
Cubicle curtain track w/ curtain - health	\$1,500.00	EA	2	\$3,000	2	\$3,000	2	\$3,000	2	\$3,000
Misc. specialties	\$0.50	GSF	440,816	\$220,408	440,816	\$220,408	440,816	\$220,408	440,816	\$220,408
<u>101400 IDENTIFYING DEVICES</u>										
Building directory - allow	\$5,000.00	EA	1	\$5,000	1	\$5,000	1	\$5,000	1	\$5,000
Dedication plaque	\$3,500.00	EA	1	\$3,500	1	\$3,500	1	\$3,500	1	\$3,500
Interior Signage	\$0.40	GSF	440,816	\$176,326	440,816	\$176,326	440,816	\$176,326	440,816	\$176,326
Environmental graphics	\$300,000.00	LS	1	\$300,000	1	\$300,000	1	\$300,000	1	\$300,000

DESCRIPTION	UNIT COST	UNIT	OPT C1.d NEW		OPT C.2b NEW		OPT C.5b NEW		OPT D.2 NEW	
			QUANTITY	TOTAL	QUANTITY	TOTAL	QUANTITY	TOTAL	QUANTITY	TOTAL
				----- \$6,253,938		----- \$6,173,029		----- \$6,249,927		----- \$5,923,846
TOTAL C10 - INTERIOR CONSTRUCTION				\$30,297,524		\$31,439,815		\$30,293,513		\$29,854,931
C20 - STAIRS										
C2010 STAIR CONSTRUCTION										
<u>050001 MISCELLANEOUS & ORNAMENTAL IRON*</u>										
Metal Pan Stair w/Rails:										
Egress corridor stair	\$55,000.00	FLT	16	\$880,000	16	\$880,000	16	\$880,000	16	\$880,000
Learning/Community Stair	\$250,000.00	FLT	2	\$500,000	2	\$500,000	2	\$500,000	2	\$500,000
<u>033000 CAST IN PLACE CONCRETE</u>										
Conc stair pan fill - full flt	\$3,000.00	FLTS	18	\$54,000	18	\$54,000	18	\$54,000	18	\$54,000
				----- \$1,434,000		----- \$1,434,000		----- \$1,434,000		----- \$1,434,000
C2020 STAIR FINISHES										
<u>062000 FINISH CARPENTRY</u>										
Learning/Community Stair	\$100,000.00	FLT	2	\$200,000	2	\$200,000	2	\$200,000	2	\$200,000
<u>090005 RESILIENT FLOORING*</u>										
Rubber treads and risers	\$4,800.00	FLTS	16	\$76,800	16	\$76,800	16	\$76,800	16	\$76,800
<u>090007 PAINTING*</u>										
Paint stair & rails - full flt	\$5,000.00	FLTS	18	\$90,000	18	\$90,000	18	\$90,000	18	\$90,000
				----- \$366,800		----- \$366,800		----- \$366,800		----- \$366,800
TOTAL C20 - STAIRS				\$1,800,800		\$1,800,800		\$1,800,800		\$1,800,800
C30 - INTERIOR FINISHES										

DESCRIPTION	UNIT COST	UNIT	OPT C1.d NEW		OPT C.2b NEW		OPT C.5b NEW		OPT D.2 NEW	
			QUANTITY	TOTAL	QUANTITY	TOTAL	QUANTITY	TOTAL	QUANTITY	TOTAL
C3010 WALL FINISHES										
Wall Finish	\$17.00	GSF	440,816	\$7,493,872	440,816	\$7,493,872	440,816	\$7,493,872	440,816	\$7,493,872
				-----		-----		-----		-----
				\$7,493,872		\$7,493,872		\$7,493,872		\$7,493,872
C3020 FLOOR FINISHES										
Floor Finish	\$15.00	GSF	440,816	\$6,612,240	440,816	\$6,612,240	440,816	\$6,612,240	440,816	\$6,612,240
				-----		-----		-----		-----
				\$6,612,240		\$6,612,240		\$6,612,240		\$6,612,240
C3030 CEILING FINISHES										
Ceiling Finish	\$15.00	GSF	440,816	\$6,612,240	440,816	\$6,612,240	440,816	\$6,612,240	440,816	\$6,612,240
				-----		-----		-----		-----
				\$6,612,240		\$6,612,240		\$6,612,240		\$6,612,240
TOTAL C30 - INTERIOR FINISHES				\$20,718,352		\$20,718,352		\$20,718,352		\$20,718,352
D. SERVICES										
D10 - CONVEYING										
D1010 ELEVATORS & LIFTS										
140001 ELEVATORS*										
Traction 5,000 lbs Passenger Elev	\$90,000.00	STOP	12	\$1,080,000	12	\$1,080,000	12	\$1,080,000	12	\$1,080,000
Elevator Metals	\$10,000.00	LS	3	\$30,000	3	\$30,000	3	\$30,000	3	\$30,000
				-----		-----		-----		-----
				\$1,110,000		\$1,110,000		\$1,110,000		\$1,110,000
TOTAL D10 - CONVEYING				\$1,110,000		\$1,110,000		\$1,110,000		\$1,110,000
D20 - PLUMBING										

DESCRIPTION	UNIT COST	UNIT	OPT C1.d NEW		OPT C.2b NEW		OPT C.5b NEW		OPT D.2 NEW	
			QUANTITY	TOTAL	QUANTITY	TOTAL	QUANTITY	TOTAL	QUANTITY	TOTAL
D2010 PLUMBING										
ASHP Water heater	\$500,000.00	LS	2	\$1,000,000	2	\$1,000,000	2	\$1,000,000	2	\$1,000,000
HW Storage tanks - 500 Gal	\$20,000.00	EA	3	\$60,000	3	\$60,000	3	\$60,000	3	\$60,000
Elec 108 kw Eelc HW heater	\$35,000.00	EA	2	\$70,000	2	\$70,000	2	\$70,000	2	\$70,000
HW Storage tanks - 150 Gal	\$7,500.00	EA	1	\$7,500	1	\$7,500	1	\$7,500	1	\$7,500
Roof Drainage	\$3.50	FTP	440,816	\$1,542,856	440,816	\$1,542,856	440,816	\$1,542,856	440,816	\$1,542,856
Stormwater ejectors	\$150,000.00	LS	1	\$150,000	1	\$150,000	1	\$150,000	1	\$150,000
Fixtures & Rough-in	\$22.50	GSF	440,816	\$9,918,360	440,816	\$9,918,360	440,816	\$9,918,360	440,816	\$9,918,360
Kitchen Connections	\$200,000.00	LS	1	\$200,000	1	\$200,000	1	\$200,000	1	\$200,000
Test, Permit, BIM, Misc.	\$3.50	GSF	440,816	\$1,542,856	440,816	\$1,542,856	440,816	\$1,542,856	440,816	\$1,542,856
				-----		-----		-----		-----
				\$14,491,572		\$14,491,572		\$14,491,572		\$14,491,572
TOTAL D20 - PLUMBING			\$32.87	\$14,491,572	\$32.87	\$14,491,572	\$32.87	\$14,491,572	\$32.87	\$14,491,572
D30 - HVAC										
D3010 HVAC										
Geo Wells - 800' depth @ 350 EA	\$70.00	VLF	280,000	\$19,600,000	280,000	\$19,600,000	280,000	\$19,600,000	280,000	\$19,600,000
6" Well casing - 220' ea	\$34.00	VLF	77,000	\$2,618,000	77,000	\$2,618,000	77,000	\$2,618,000	77,000	\$2,618,000
Valve Vault	\$65,000.00	EA	10	\$650,000	10	\$650,000	10	\$650,000	10	\$650,000
Geothermal System										
Plate and FrameHeat Exchanger	\$60,000.00	EA	3	\$180,000	3	\$180,000	3	\$180,000	3	\$180,000
Back up Elec Boiler	\$100,000.00	EA	2	\$200,000	2	\$200,000	2	\$200,000	2	\$200,000
HW Pump and trim	\$25,000.00	LS	1	\$25,000	1	\$25,000	1	\$25,000	1	\$25,000
Base Mtd Sec. HWP w/ VFD	\$30,000.00	EA	10	\$300,000	10	\$300,000	10	\$300,000	10	\$300,000
Glycol Feed System	\$250,000.00	LS	1	\$250,000	1	\$250,000	1	\$250,000	1	\$250,000
Piping valve and trim	\$350,000.00	LS	1	\$350,000	1	\$350,000	1	\$350,000	1	\$350,000
HW/CW Distribution:										
Fan coil heat pump	\$4.00	GSF	440,816	\$1,763,264	440,816	\$1,763,264	440,816	\$1,763,264	440,816	\$1,763,264
Mechanical HW/CW Piping	\$9.00	GSF	440,816	\$3,967,344	440,816	\$3,967,344	440,816	\$3,967,344	440,816	\$3,967,344
Misc. HW Devices	\$2.50	GSF	91,000	\$227,500	91,000	\$227,500	91,000	\$227,500	91,000	\$227,500
Air Equipment:										
AHU Units - Large Spaces	\$38.00	CFM	170,000	\$6,460,000	170,000	\$6,460,000	170,000	\$6,460,000	170,000	\$6,460,000
DOAS Units - Classroom	\$38.00	CFM	125,000	\$4,750,000	125,000	\$4,750,000	125,000	\$4,750,000	125,000	\$4,750,000
MAU 4,500 CFM	\$30.00	CFM	4,500	\$135,000	4,500	\$135,000	4,500	\$135,000	4,500	\$135,000
Freeze Protection	\$2,000.00	EA	10	\$20,000	10	\$20,000	10	\$20,000	10	\$20,000

DESCRIPTION	UNIT COST	UNIT	OPT C1.d NEW		OPT C.2b NEW		OPT C.5b NEW		OPT D.2 NEW	
			QUANTITY	TOTAL	QUANTITY	TOTAL	QUANTITY	TOTAL	QUANTITY	TOTAL
Curbs	\$5,500.00	EA	10	\$55,000	10	\$55,000	10	\$55,000	10	\$55,000
Merv Filter	\$2,500.00	EA	20	\$50,000	20	\$50,000	20	\$50,000	20	\$50,000
Sound Attenuation	\$0.85	CFM	295,000	\$250,750	295,000	\$250,750	295,000	\$250,750	295,000	\$250,750
Pipe Valve and Fitting Connections	\$6,500.00	EA	10	\$65,000	10	\$65,000	10	\$65,000	10	\$65,000
Grilles registers and dampers	\$1.50	GSF	440,816	\$661,224	440,816	\$661,224	440,816	\$661,224	440,816	\$661,224
Ductwork	\$20.00	LBS	440,816	\$8,816,320	440,816	\$8,816,320	440,816	\$8,816,320	440,816	\$8,816,320
CV/VAV exhaust	\$975.00	EA	400	\$390,000	400	\$390,000	400	\$390,000	400	\$390,000
Kitchen Exhaust Ductwork	\$250,000.00	LS	1	\$250,000	1	\$250,000	1	\$250,000	1	\$250,000
Duct Insul	\$6.50	SF	352,653	\$2,292,243	352,653	\$2,292,243	352,653	\$2,292,243	352,653	\$2,292,243
Exhaust Fan	\$5,000.00	EA	35	\$175,000	35	\$175,000	35	\$175,000	35	\$175,000
				\$0		\$0		\$0		\$0
Split AC	\$20,000.00	EA	25	\$500,000	25	\$500,000	25	\$500,000	25	\$500,000
				\$0		\$0		\$0		\$0
Temp Control (Demand CO2)	\$12.00	GSF	440,816	\$5,289,792	440,816	\$5,289,792	440,816	\$5,289,792	440,816	\$5,289,792
Seismic and Vibration	\$0.85	GSF	440,816	\$374,694	440,816	\$374,694	440,816	\$374,694	440,816	\$374,694
Rigging	\$250,000.00	LS	1	\$250,000	1	\$250,000	1	\$250,000	1	\$250,000
BIM/ Commission coordination	\$2.50	GSF	440,816	\$1,102,040	440,816	\$1,102,040	440,816	\$1,102,040	440,816	\$1,102,040
HVAC Supervision	\$3.00	GSF	440,816	\$1,322,448	440,816	\$1,322,448	440,816	\$1,322,448	440,816	\$1,322,448
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				\$63,340,619		\$63,340,619		\$63,340,619		\$63,340,619
TOTAL D30 - HVAC			\$143.69	\$63,340,619	\$143.69	\$63,340,619	\$143.69	\$63,340,619	\$143.69	\$63,340,619
D40 - FIRE PROTECTION										
D4010 SPRINKLERS										
<u>210001 FIRE SUPPRESSION*</u>										
Sprinkler system - wet	\$8.75	GSF	440,816	\$3,857,140	440,816	\$3,857,140	440,816	\$3,857,140	440,816	\$3,857,140
Fire Pump	\$150,000.00	LS	1	\$150,000	1	\$150,000	1	\$150,000	1	\$150,000
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				\$4,007,140		\$4,007,140		\$4,007,140		\$4,007,140
TOTAL D40 - FIRE PROTECTION			\$9.09	\$4,007,140	\$9.09	\$4,007,140	\$9.09	\$4,007,140	\$9.09	\$4,007,140
D50 - ELECTRICAL										

DESCRIPTION	UNIT COST	UNIT	OPT C1.d NEW		OPT C.2b NEW		OPT C.5b NEW		OPT D.2 NEW	
			QUANTITY	TOTAL	QUANTITY	TOTAL	QUANTITY	TOTAL	QUANTITY	TOTAL
D5010 ELECTRICAL SERVICE & DISTRIBUTION										
<u>260001 ELECTRICAL*</u>										
(2) 4,000 amp MDP and Elec. Panel and	\$13.00	GSF	440,816	\$5,730,608	440,816	\$5,730,608	440,816	\$5,730,608	440,816	\$5,730,608
1,250 KW Emergency Generator	\$850,000.00	LS	1	\$850,000	1	\$850,000	1	\$850,000	1	\$850,000
Digital Metering	\$5,000.00	EA	75	\$375,000	75	\$375,000	75	\$375,000	75	\$375,000
PV SYSTEMS :										
5,000 amp PV MDP	\$550,000.00	LS	1	\$550,000	1	\$550,000	1	\$550,000	1	\$550,000
PV Site Canopy/Panel - \$5.00/per watt	\$60.00	SF	93,060	\$5,583,600	102,250	\$6,135,000	102,250	\$6,135,000	91,715	\$5,502,900
PV Low Roof Panels - \$4.50/ per watt	\$54.00	SF	33,808	\$1,825,632	27,703	\$1,495,962	31,738	\$1,713,852	29,609	\$1,598,886
PV High Roof Panels - \$4.50/ per watt	\$54.00	SF	84,521	\$4,564,134	69,258	\$3,739,932	79,345	\$4,284,630	74,022	\$3,997,188
PV Integrated Bldg element	\$200.00	SF	3,758	\$751,600	17,303	\$3,460,600	2,493	\$498,600	17,749	\$3,549,800
Vertical Solar Equipment	\$200.00	SF	3,758	\$751,600	10,000	\$2,000,000	2,493	\$498,600	10,000	\$2,000,000
Canopy Shade Awning	\$200.00	SF			7,303	\$1,460,600			7,749	\$1,549,800
Battery Storage	\$2,500,000.00	LS	1	\$2,500,000	1	\$2,500,000	1	\$2,500,000	1	\$2,500,000
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				\$23,482,174	\$28,297,702		\$23,136,290		\$28,204,182	
D5020 LIGHTING & BRANCH WIRING										
<u>260001 ELECTRICAL*</u>										
Lighting	\$16.00	GSF	440,816	\$7,053,056	440,816	\$7,053,056	440,816	\$7,053,056	440,816	\$7,053,056
Lighting Control (inc device oc)	\$2.85	GSF	440,816	\$1,256,326	440,816	\$1,256,326	440,816	\$1,256,326	440,816	\$1,256,326
				-----	-----		-----		-----	
				\$8,309,382	\$8,309,382		\$8,309,382		\$8,309,382	
D5030 COMMUNICATION & SECURITY										
<u>260001 ELECTRICAL*</u>										
CCTV	\$6.00	GSF	440,816	\$2,644,896	440,816	\$2,644,896	440,816	\$2,644,896	440,816	\$2,644,896
Access control	\$4.00	GSF	440,816	\$1,763,264	440,816	\$1,763,264	440,816	\$1,763,264	440,816	\$1,763,264
Video entry system	\$45,000.00	LS	1	\$45,000	1	\$45,000	1	\$45,000	1	\$45,000
Digital Signage	\$4,000.00	EA	10	\$40,000	10	\$40,000	10	\$40,000	10	\$40,000
Tele/data cabling, racks and switches	\$9.50	GSF	440,816	\$4,187,752	440,816	\$4,187,752	440,816	\$4,187,752	440,816	\$4,187,752
Classroom AV rough-in only	\$1,500.00	EA	225	\$337,500	225	\$337,500	225	\$337,500	225	\$337,500
Speech Reinforcement	\$3,300.00	EA	225	\$742,500	225	\$742,500	225	\$742,500	225	\$742,500
Aud Lighting and Diming	\$250,000.00	LS	1	\$250,000	1	\$250,000	1	\$250,000	1	\$250,000

DESCRIPTION	UNIT COST	UNIT	OPT C1.d NEW		OPT C.2b NEW		OPT C.5b NEW		OPT D.2 NEW	
			QUANTITY	TOTAL	QUANTITY	TOTAL	QUANTITY	TOTAL	QUANTITY	TOTAL
Aud Sound System	\$200,000.00	LS	1	\$200,000	1	\$200,000	1	\$200,000	1	\$200,000
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				\$10,210,912		\$10,210,912		\$10,210,912		\$10,210,912
D5090 OTHER ELECTRICAL SYSTEMS										
<u>260001 ELECTRICAL*</u>										
Rath 2way call	\$15,000.00	EA	8	\$120,000	8	\$120,000	8	\$120,000	8	\$120,000
Fire Alarm	\$4.80	GSF	440,816	\$2,115,917	440,816	\$2,115,917	440,816	\$2,115,917	440,816	\$2,115,917
Devices	\$3.25	GSF	440,816	\$1,432,652	440,816	\$1,432,652	440,816	\$1,432,652	440,816	\$1,432,652
Clocks and PA	\$1.20	GSF	440,816	\$528,979	440,816	\$528,979	440,816	\$528,979	440,816	\$528,979
Gym/Café Sound System	\$1.00	GSF	440,816	\$440,816	440,816	\$440,816	440,816	\$440,816	440,816	\$440,816
Lighting Protection	\$0.78	GSF	440,816	\$343,836	440,816	\$343,836	440,816	\$343,836	440,816	\$343,836
Kitchen/Mechanical Wiring	\$3.50	GSF	440,816	\$1,542,856	440,816	\$1,542,856	440,816	\$1,542,856	440,816	\$1,542,856
Bi-Direction Antenna	\$0.80	GSF	440,816	\$352,653	440,816	\$352,653	440,816	\$352,653	440,816	\$352,653
Test Permit and Misc.	\$5.00	GSF	440,816	\$2,204,080	440,816	\$2,204,080	440,816	\$2,204,080	440,816	\$2,204,080
By others: Telephone system Classroom projectors				-----		-----		-----		-----
				\$9,081,789		\$9,081,789		\$9,081,789		\$9,081,789
TOTAL D50 - ELECTRICAL			\$115.89	\$51,084,257	\$126.81	\$55,899,785	\$115.10	\$50,738,373	\$126.60	\$55,806,265
<u>E. EQUIPMENT & FURNISHINGS</u>										
<u>E10 - EQUIPMENT</u>										
E1010 COMMERCIAL EQUIPMENT										
<u>114000 FOOD SERVICE EQUIPMENT</u>										
Kitchen equipment - new	\$2,500,000.00	LS	1	\$2,500,000	1	\$2,500,000	1	\$2,500,000	1	\$2,500,000
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				\$2,500,000		\$2,500,000		\$2,500,000		\$2,500,000
E1090 OTHER EQUIPMENT										
<u>113100 APPLIANCES</u>										

DESCRIPTION	UNIT COST	UNIT	OPT C1.d NEW		OPT C.2b NEW		OPT C.5b NEW		OPT D.2 NEW	
			QUANTITY	TOTAL	QUANTITY	TOTAL	QUANTITY	TOTAL	QUANTITY	TOTAL
Staff kitchen refrigerator	\$1,000.00	EA	16	\$16,000	16	\$16,000	16	\$16,000	16	\$16,000
Staff kitchen microwave	\$500.00	EA	7	\$3,500	7	\$3,500	7	\$3,500	7	\$3,500
Medical office refrigerator w/ice	\$1,000.00	EA	2	\$2,000	2	\$2,000	2	\$2,000	2	\$2,000
Adult living classroom	\$30,000.00	LS	1	\$30,000	1	\$30,000	1	\$30,000	1	\$30,000
<u>116600 ATHLETIC & SPORTS EQUIPMENT</u>										
Basketball backstops - electric	\$9,500.00	EA	6	\$57,000	6	\$57,000	6	\$57,000	6	\$57,000
Wall padding - 6'	\$15.00	SF	1,000	\$15,000	1,000	\$15,000	1,000	\$15,000	1,000	\$15,000
Roll up curtain (2 EA)	\$36.00	SF	5,800	\$208,800	5,800	\$208,800	5,800	\$208,800	5,800	\$208,800
Volley ball court equip.	\$700.00	EA	2	\$1,400	2	\$1,400	2	\$1,400	2	\$1,400
Scoreboard and shot clock	\$24,000.00	EA	3	\$72,000	3	\$72,000	3	\$72,000	3	\$72,000
Bleachers	\$250,000.00	LS	1	\$250,000	1	\$250,000	1	\$250,000	1	\$250,000
Misc. Gym Equipment	\$50,000.00	LS	1	\$50,000	1	\$50,000	1	\$50,000	1	\$50,000
<u>115213 PROJECTION SCREENS</u>										
Projection screen - various areas	\$20,000.00	EA	8	\$160,000	8	\$160,000	8	\$160,000	8	\$160,000
<u>116143 THEATRICAL EQUIPMENT</u>										
Auditorium :										
Stage Rigging and Drapes	\$1,200,000.00	LS	1	\$1,200,000	1	\$1,200,000	1	\$1,200,000	1	\$1,200,000
Auditorium Seating	\$375.00	EA	1,000	\$375,000	1,000	\$375,000	1,000	\$375,000	1,000	\$375,000
<u>119000 MISC. EQUIPMENT</u>										
Green House	\$150,000.00	LS	1	\$150,000	1	\$150,000	1	\$150,000	1	\$150,000
Loading dock leveler and equipment	\$100,000.00	LS	1	\$100,000	1	\$100,000	1	\$100,000	1	\$100,000
Science Lab Equipment	\$450,000.00	LS	1	\$450,000	1	\$450,000	1	\$450,000	1	\$450,000
Kiln	\$3,500.00	EA	1	\$3,500	1	\$3,500	1	\$3,500	1	\$3,500
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				\$3,144,200		\$3,144,200		\$3,144,200		\$3,144,200
TOTAL E10 - EQUIPMENT				\$5,644,200		\$5,644,200		\$5,644,200		\$5,644,200
E20 - FURNISHINGS										
E 2010 FIXED FURNISHINGS										
<u>129000 MISC. FURNISHINGS</u>										

DESCRIPTION	UNIT COST	UNIT	OPT C1.d NEW		OPT C.2b NEW		OPT C.5b NEW		OPT D.2 NEW	
			QUANTITY	TOTAL	QUANTITY	TOTAL	QUANTITY	TOTAL	QUANTITY	TOTAL
Meco shade - manual	\$7.50	SF	41,046	\$307,843	33,577	\$251,829	40,676	\$305,066	38,268	\$287,010
Premium for Eelc op shade - 10%	\$27.00	SF	4,105	\$110,824	3,358	\$90,659	4,068	\$109,824	3,827	\$103,324
<u>123553 CLASSROOM CASEWORK</u>										
Casework	\$12.00	GSF	440,816	\$5,289,792	440,816	\$5,289,792	440,816	\$5,289,792	440,816	\$5,289,792
				-----		-----		-----		-----
				\$5,708,459		\$5,632,280		\$5,704,682		\$5,680,126
E2020 MOVABLE FURNISHINGS								NIC		
				-----		-----		-----		-----
				\$0		\$0		\$0		\$0
TOTAL E20 - FURNISHINGS				\$5,708,459		\$5,632,280		\$5,704,682		\$5,680,126
F20 - SELECTIVE BUILDING DEMOLITION										
F2010 BUILDING ELEMENTS DEMOLITION										
Demolish existing building	SEE SUMMARY PAGE									
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				\$0		\$0		\$0		\$0
F2020 HAZARDOUS COMPONENTS ABATEMENT										
Hazardous Waste Allowance	SEE SUMMARY PAGE									
				-----		-----		-----		-----
				\$0		\$0		\$0		\$0
TOTAL F20 - SELECTIVE BUILDING DEMOLITION				\$0		\$0		\$0		\$0
<u>G. BUILDING SITEWORK</u>										
G10 - SITE PREPARATION										
G1010 SITE CLEARING										
<u>311000 SITE PREPARATION & CLEARING</u>										

DESCRIPTION	UNIT COST	UNIT	OPT C1.d NEW		OPT C.2b NEW		OPT C.5b NEW		OPT D.2 NEW	
			QUANTITY	TOTAL	QUANTITY	TOTAL	QUANTITY	TOTAL	QUANTITY	TOTAL
Construction fence	12.50	LF	7,500	\$93,750	7,500	\$93,750	7,500	\$93,750	10,000	\$125,000
Construction entrance pad	11.00	SF	2,500	\$27,500	2,500	\$27,500	2,500	\$27,500	5,000	\$55,000
Construction gates	1,200.00	EA	2	\$2,400	2	\$2,400	2	\$2,400	2	\$2,400
Clear and Grub	15,000.00	ACRES	8	\$120,000	8	\$120,000	8	\$120,000	8	\$120,000
Protect stockpile	50,000.00	LS	1	\$50,000	1	\$50,000	1	\$50,000	1	\$50,000
Protect tree	30,000.00	LS	1	\$30,000	1	\$30,000	1	\$30,000	1	\$30,000
General Site Prep	0.20	SF	2,000,000	\$400,000	2,000,000	\$400,000	2,000,000	\$400,000	2,000,000	\$400,000
				-----		-----		-----		-----
				\$723,650		\$723,650		\$723,650		\$782,400
G1020 SITE DEMOLITION & RELOCATIONS										
Erosion control	10.00	LF	7,200	\$72,000	7,200	\$72,000	7,200	\$72,000	9,500	\$95,000
Inlet Protection	110.00	EA	100	\$11,000	100	\$11,000	100	\$11,000	100	\$11,000
Erosion Control Maintance	50,000.00	LS	1	\$50,000	1	\$50,000	1	\$50,000	1	\$50,000
Sawcut bit pavement	6.50	LF	250	\$1,625	250	\$1,625	250	\$1,625	250	\$1,625
Remove bit pavement	1.20	SF	250,000	\$300,000	250,000	\$300,000	250,000	\$300,000	250,000	\$300,000
Remove concrete pavement	1.50	SF	50,000	\$75,000	50,000	\$75,000	50,000	\$75,000	50,000	\$75,000
Remove paved walkway	1.15	SF	30,000	\$34,500	30,000	\$34,500	30,000	\$34,500	30,000	\$34,500
Remove Field stand and pressbox	100,000.00	LS	1	\$100,000	1	\$100,000	1	\$100,000	1	\$100,000
Remove Utilities	250,000.00	LS	1	\$250,000	1	\$250,000	1	\$250,000	1	\$250,000
Misc. Site Removal	0.20	SF	2,000,000	\$400,000	2,000,000	\$400,000	2,000,000	\$400,000	2,000,000	\$400,000
Temporary Measures:										
Temp Sediment basin	100,000.00	LS	1	\$100,000	1	\$100,000	1	\$100,000	1	\$100,000
Temporary Parking and Access	350,000.00	LS	1	\$350,000	1	\$350,000	1	\$350,000	1	\$350,000
Snow removal	125,000.00	LS	1	\$125,000	1	\$125,000	1	\$125,000	1	\$125,000
Phasing logistics	250,000.00	LS	1	\$250,000	1	\$250,000	1	\$250,000	1	\$500,000
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				\$2,119,125		\$2,119,125		\$2,119,125		\$2,392,125
G1030 SITE EARTHWORK										
<u>310000 EARTHWORK</u>										
Top Soil:										
Strip and Stack 9" Top Soil	8.50	CY	27,778	\$236,111	27,778	\$236,111	27,778	\$236,111	27,778	\$236,111
Load and haul spoil	8.50	CY	27,778	\$236,111	27,778	\$236,111	27,778	\$236,111	27,778	\$236,111
Soil disposal	18.00	TON	47,222	\$850,000	47,222	\$850,000	47,222	\$850,000	47,222	\$850,000
Site Grading to sub grade:										
Site Grading	2.30	SY	222,222	\$511,111	222,222	\$511,111	222,222	\$511,111	222,222	\$511,111
Site Fill - Import	30.00	CY	64,000	\$1,920,000	64,000	\$1,920,000	64,000	\$1,920,000	41,000	\$1,230,000

DESCRIPTION	UNIT COST	UNIT	OPT C1.d NEW		OPT C.2b NEW		OPT C.5b NEW		OPT D.2 NEW	
			QUANTITY	TOTAL	QUANTITY	TOTAL	QUANTITY	TOTAL	QUANTITY	TOTAL
Ledge Removal	85.00	CY	5,000	\$425,000	5,000	\$425,000	5,000	\$425,000	5,000	\$425,000
General Site Ground Improvements	0.50	SF	2,000,000	\$1,000,000	2,000,000	\$1,000,000	2,000,000	\$1,000,000	2,000,000	\$1,000,000
				-----		-----		-----		-----
				\$5,178,333		\$5,178,333		\$5,178,333		\$4,488,333
TOTAL G10 - SITE PREPARATION				\$8,021,108		\$8,021,108		\$8,021,108		\$7,662,858
G20 - SITE IMPROVEMENTS										
G2010 ROADWAYS										
<u>321000 PAVING AND CURBING</u>										
Site Drive and Parking - 80% :										
4" STD Bituminous - drive	\$5.10	SF	313,821	\$1,600,486	340,048	\$1,734,245	261,468	\$1,333,487	288,601	\$1,471,864
12" Gravel base @ 4" STD Bit	\$60.00	CY	11,623	\$697,380	12,594	\$755,662	9,684	\$581,040	10,689	\$641,335
Geotec fabric	\$1.05	SF	313,821	\$329,512	340,048	\$357,050	261,468	\$274,541	288,601	\$303,031
Bit Pourous Pavement - 20% :										
4" Bit Porous Pavement	\$5.60	SF	78,455	\$439,349	85,012	\$476,067	65,367	\$366,055	72,150	\$404,041
4" Pavement chocker	\$55.00	CY	959	\$52,739	1,039	\$57,147	799	\$43,941	882	\$48,501
12" sand filter	\$55.00	CY	2,906	\$159,816	3,149	\$173,173	2,421	\$133,155	2,672	\$146,973
3" gravel filter course	\$60.00	CY	726	\$43,586	787	\$47,229	605	\$36,315	668	\$40,083
9" washed stone reservoir course	\$65.00	CY	2,179	\$141,655	2,361	\$153,494	1,816	\$118,024	2,004	\$130,271
Geotec fabric	\$1.05	SF	78,455	\$82,378	85,012	\$89,263	65,367	\$68,635	72,150	\$75,758
Site Curbing:										
Granite Curbing - Straight/Rad/Trans.	\$52.50	LF	20,164	\$1,058,610	22,791	\$1,196,528	19,516	\$1,024,590	16,011	\$840,578
Misc.										
Parking/traffic signage	\$0.10	SF	392,276	\$39,228	425,060	\$42,506	326,835	\$32,684	360,751	\$36,075
Pavement line painting & markings	\$0.20	SF	392,276	\$78,455	425,060	\$85,012	326,835	\$65,367	360,751	\$72,150
Vehicular Traffic gate	\$32,000.00	EA	2	\$64,000	2	\$64,000	2	\$64,000	2	\$64,000
*excludes pedestrian and traffic control lights		NIC								
				-----		-----		-----		-----
				\$4,787,194		\$5,231,375		\$4,141,834		\$4,274,660
G2030 PEDESTRIAN PAVING										
<u>321000 PAVING AND CURBING</u>										

DESCRIPTION	UNIT COST	UNIT	OPT C1.d NEW		OPT C.2b NEW		OPT C.5b NEW		OPT D.2 NEW	
			QUANTITY	TOTAL	QUANTITY	TOTAL	QUANTITY	TOTAL	QUANTITY	TOTAL
Plaza area assumes 75,000 sf each option										
Plaza Concrete - 80%	\$12.00	SF	60,000	\$720,000	60,000	\$720,000	60,000	\$720,000	60,000	\$720,000
Plaza Unit Pavers - 20%	\$40.00	SF	15,000	\$600,000	15,000	\$600,000	15,000	\$600,000	15,000	\$600,000
Geotec fabric	\$1.05	SF	75,000	\$78,750	75,000	\$78,750	75,000	\$78,750	75,000	\$78,750
8" Gravel sub base	\$62.00	CY	1,852	\$114,803	1,852	\$114,803	1,852	\$114,803	1,852	\$114,803
Typ. 4" Concrete Walk	\$11.00	SF	66,629	\$732,919	58,812	\$646,932	72,461	\$797,071	55,728	\$613,008
Geotec fabric	\$1.05	SF	66,629	\$69,960	58,812	\$61,753	72,461	\$76,084	55,728	\$58,514
8" Gravel sub base	\$62.00	CY	1,645	\$101,990	1,452	\$90,024	1,789	\$110,917	1,376	\$85,303
HC Accessible Paver and curb cut	\$1,500.00	EA	30	\$45,000	30	\$45,000	30	\$45,000	30	\$45,000
*excludes town sidewalk, colored and exposed agg. concrete walks										
				-----		-----		-----		-----
				\$2,463,423		\$2,357,262		\$2,542,625		\$2,315,379
G2040 SITE DEVELOPMENT										
<u>323000 SITE IMPROVEMENTS</u>										
Toilet Concession Building	\$700.00	GSF	1,000	\$700,000	1,000	\$700,000	1,000	\$700,000	1,000	\$700,000
Grandstands:										
6" Concrete Bleacher Pad	12.00	SF	8,653	\$103,836	8,653	\$103,836	8,653	\$103,836	8,653	\$103,836
12" Gravel sub base	48.00	CY	320	\$15,360	320	\$15,360	320	\$15,360	320	\$15,360
Alum bleacher (1,000 EA)	300.00	SF	2,500	\$750,000	2,500	\$750,000	2,500	\$750,000	2,500	\$750,000
Press Box w/ lift	125,000.00	LS	1	\$125,000	1	\$125,000	1	\$125,000	1	\$125,000
8" Concrete Bleacher Pad	15.00	SF	3,000	\$45,000	3,000	\$45,000	3,000	\$45,000	3,000	\$45,000
12" Gravel sub base	48.00	CY	85	\$4,080	85	\$4,080	85	\$4,080	85	\$4,080
Softball & Little league Field (2 ea) :										
Infield mix & base -complete	\$8.00	SF	16,600	\$132,800	16,600	\$132,800	16,600	\$132,800	16,600	\$132,800
Home plate and rubber	\$2,500.00	LOC	2	\$5,000	2	\$5,000	2	\$5,000	2	\$5,000
Dugout Bench	\$3,500.00	EA	4	\$14,000	4	\$14,000	4	\$14,000	4	\$14,000
Chain link Backstop	\$35,000.00	EA	2	\$70,000	2	\$70,000	2	\$70,000	2	\$70,000
Side CL Fence - 6'	\$105.00	LF	500	\$52,500	500	\$52,500	500	\$52,500	500	\$52,500
CL Gate - sgl	\$4,000.00	EA	4	\$16,000	4	\$16,000	4	\$16,000	4	\$16,000
Scoreboard	\$35,000.00	EA	2	\$70,000	2	\$70,000	2	\$70,000	2	\$70,000
BaseballField (2 ea) :										
Infield mix & base -complete	\$8.00	SF	24,000	\$192,000	24,000	\$192,000	24,000	\$192,000	24,000	\$192,000
Home plate and rubber	\$2,500.00	LOC	2	\$5,000	2	\$5,000	2	\$5,000	2	\$5,000
Dugout Bench	\$3,500.00	EA	4	\$14,000	4	\$14,000	4	\$14,000	4	\$14,000
Chain link Backstop	\$45,000.00	EA	2	\$90,000	2	\$90,000	2	\$90,000	2	\$90,000
Side CL Fence - 6'	\$105.00	LF	800	\$84,000	800	\$84,000	800	\$84,000	800	\$84,000

DESCRIPTION	UNIT COST	UNIT	OPT C1.d NEW		OPT C.2b NEW		OPT C.5b NEW		OPT D.2 NEW	
			QUANTITY	TOTAL	QUANTITY	TOTAL	QUANTITY	TOTAL	QUANTITY	TOTAL
CL Gate - sgl	\$4,000.00	EA	4	\$16,000	4	\$16,000	4	\$16,000	4	\$16,000
Scoreboard	\$35,000.00	EA	2	\$70,000	2	\$70,000	2	\$70,000	2	\$70,000
Site Improvements:										
Trash/Recycle Receptacle	\$3,500.00	EA	10	\$35,000	10	\$35,000	10	\$35,000	10	\$35,000
Bicycle rack	\$975.00	EA	20	\$19,500	20	\$19,500	20	\$19,500	20	\$19,500
Picnic table & bench	\$7,500.00	EA	4	\$30,000	4	\$30,000	4	\$30,000	4	\$30,000
Ped security bollard	\$2,500.00	EA	50	\$125,000	50	\$125,000	50	\$125,000	50	\$125,000
Raised Garden bed (4'x8' x1'H)	\$2,600.00	EA	6	\$15,600	6	\$15,600	6	\$15,600	6	\$15,600
ADA Raised Garden bed (4'x4' x 2' H)	\$1,850.00	EA	3	\$5,550	3	\$5,550	3	\$5,550	3	\$5,550
6' stl bench -backed w/ arms	\$4,500.00	EA	20	\$90,000	20	\$90,000	20	\$90,000	20	\$90,000
8' Granite slab bench	\$6,000.00	EA	25	\$150,000	25	\$150,000	25	\$150,000	25	\$150,000
Soccer Field:										
Soccer goal	\$4,000.00	EA	2	\$8,000	2	\$8,000	2	\$8,000	2	\$8,000
Safety netting		NIC								
Screen wall at Transformer	\$75,000.00	LS	1	\$75,000	1	\$75,000	1	\$75,000	1	\$75,000
Mech Yard -Allow:										
Decorative Gravel surface	\$6.00	SF	100	\$600	100	\$600	100	\$600	100	\$600
8" Gravel base	\$55.00	CY	2	\$136	2	\$136	2	\$136	2	\$136
Metal Utility Bollard	\$1,325.00	EA	8	\$10,600	8	\$10,600	8	\$10,600	8	\$10,600
6' Alum Utility Screen	\$150.00	LF	100	\$15,000	100	\$15,000	100	\$15,000	100	\$15,000
Fencing-Allow:										
Fencing - allow	\$500,000.00	LS	1	\$500,000	1	\$500,000	1	\$500,000	1	\$500,000
Site sign	\$35,000.00	EA	1	\$35,000	1	\$35,000	1	\$35,000	1	\$35,000
Dumpster enclosure		NIC								
Masonry veneer @ site wall		NIC								
Misc. site improvements	\$1,500,000.00	LS	1	\$1,500,000	1	\$1,500,000	1	\$1,500,000	1	\$1,500,000
				-----		-----		-----		-----
				\$5,189,562		\$5,189,562		\$5,189,562		\$5,189,562
G2050 LANDSCAPING										
329000 PLANTING										
Shrub bed	\$10.00	SF	15,000	\$150,000	15,000	\$150,000	15,000	\$150,000	15,000	\$150,000
Planting Allowance	\$0.75	SF	2,000,000	\$1,500,000	2,000,000	\$1,500,000	2,000,000	\$1,500,000	2,000,000	\$1,500,000
Planting maintenance	\$75,000.00	LS	1	\$75,000	1	\$75,000	1	\$75,000	1	\$75,000
Athletic Fields:										

DESCRIPTION	UNIT COST	UNIT	OPT C1.d NEW		OPT C.2b NEW		OPT C.5b NEW		OPT D.2 NEW	
			QUANTITY	TOTAL	QUANTITY	TOTAL	QUANTITY	TOTAL	QUANTITY	TOTAL
Sod	\$1.25	SF	376,225	\$470,281	376,225	\$470,281	452,769	\$565,961	376,225	\$470,281
12" Drairage Layer	\$55.00	CY	13,934	\$766,384	13,934	\$766,384	16,769	\$922,307	13,934	\$766,384
Filter Fabric	\$1.05	SF	376,225	\$395,036	376,225	\$395,036	452,769	\$475,407	376,225	\$395,036
Field Under drain	\$0.80	SF	376,225	\$300,980	376,225	\$300,980	452,769	\$362,215	376,225	\$300,980
Rain Garden	\$32.00	SF	15,000	\$480,000	15,000	\$480,000	15,000	\$480,000	15,000	\$480,000
Hydroseed - typ lawn	\$0.50	SF	851,272	\$425,636	827,677	\$413,839	830,566	\$415,283	917,544	\$458,772
Loam:										
12" Planting Bed - import	\$88.00	CY	556	\$48,889	556	\$48,889	556	\$48,889	556	\$48,889
2" Mulch	\$62.00	CY	94	\$5,856	94	\$5,856	94	\$5,856	94	\$5,856
Loam Amended soil:										
6" Typ Athletic Field - import	\$82.00	CY	6,967	\$571,305	6,967	\$571,305	8,385	\$687,538	6,967	\$571,305
6" Typ Lawn - import	\$82.00	CY	15,764	\$1,292,672	15,327	\$1,256,843	15,381	\$1,261,230	16,992	\$1,393,308
Irrigation System:										
Athletic Fields	\$2.00	SF	376,225	\$752,450	376,225	\$752,450	452,769	\$905,538	376,225	\$752,450
Lawn	N/A									
Plant bed	N/A									
				-----		-----		-----		-----
				\$7,234,489		\$7,186,862		\$7,855,225		\$7,368,260
TOTAL G20 - SITE IMPROVEMENTS				\$19,674,668		\$19,965,061		\$19,729,246		\$19,147,861
G30 - SITE MECHANICAL UTILITIES										
G3010 WATER SUPPLY										
330000 UTILITIES										
Street Connection	\$3,000.00	LOC	2	\$6,000	2	\$6,000	2	\$6,000	2	\$6,000
Temp St pavement cut & patch	\$1,000.00	LOC	2	\$2,000	2	\$2,000	2	\$2,000	2	\$2,000
12" Main	\$145.00	LF	4,000	\$580,000	4,000	\$580,000	4,000	\$580,000	4,000	\$580,000
8" Domestic	\$124.00	LF	125	\$15,500	125	\$15,500	125	\$15,500	125	\$15,500
12" Gate valve	\$6,500.00	EA	4	\$26,000	4	\$26,000	4	\$26,000	4	\$26,000
8" Gate valve	\$3,600.00	EA	4	\$14,400	4	\$14,400	4	\$14,400	4	\$14,400
6" Fire Service	\$97.00	LF	250	\$24,250	250	\$24,250	250	\$24,250	250	\$24,250
6" Gate valve dom	\$3,000.00	EA	4	\$12,000	4	\$12,000	4	\$12,000	4	\$12,000
Fire Hydrant	\$4,500.00	EA	2	\$9,000	2	\$9,000	2	\$9,000	2	\$9,000
6" Hydrant Service	\$97.00	LF	50	\$4,850	50	\$4,850	50	\$4,850	50	\$4,850
6" Gate valve hydrant	\$3,500.00	EA	2	\$7,000	2	\$7,000	2	\$7,000	2	\$7,000
Test, sanitize, thrust block , misc.	\$10,000.00	LS	1	\$10,000	1	\$10,000	1	\$10,000	1	\$10,000
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DESCRIPTION	UNIT COST	UNIT	OPT C1.d NEW		OPT C.2b NEW		OPT C.5b NEW		OPT D.2 NEW	
			QUANTITY	TOTAL	QUANTITY	TOTAL	QUANTITY	TOTAL	QUANTITY	TOTAL
				\$711,000		\$711,000		\$711,000		\$711,000
G3020 SANITARY SEWER										
330000 UTILITIES										
Street Connection	\$30,000.00	LOC	1	\$30,000	1	\$30,000	1	\$30,000	1	\$30,000
Temp St pavement cut & patch	\$10,000.00	LOC	1	\$10,000	1	\$10,000	1	\$10,000	1	\$10,000
8" PVC San Main	\$110.00	LF	1,500	\$165,000	1,500	\$165,000	1,500	\$165,000	1,500	\$165,000
Site manhole	\$5,000.00	EA	3	\$15,000	3	\$15,000	3	\$15,000	3	\$15,000
Ext Grease Trap - 6,000 gal	\$45,000.00	EA	2	\$90,000	2	\$90,000	2	\$90,000	2	\$90,000
Int Grease interceptor		W / plumbing								
				-----		-----		-----		-----
				\$310,000		\$310,000		\$310,000		\$310,000
G3030 STORM SEWER										
330000 UTILITIES										
Drainage System @										
Pavement	\$6.50	SF	533,905	\$3,470,383	558,872	\$3,632,668	474,296	\$3,082,924	491,479	\$3,194,614
Building footprint	\$6.50	FTP	169,550	\$1,102,075	168,365	\$1,094,373	173,013	\$1,124,585	156,401	\$1,016,607
				-----		-----		-----		-----
				\$4,572,458		\$4,727,041		\$4,207,509		\$4,211,220
G3060 FUEL DISTRIBUTION		TBD								
				-----		-----		-----		-----
				\$0		\$0		\$0		\$0
TOTAL G30 - SITE MECHANICAL UTILITIES				\$5,593,458		\$5,748,041		\$5,228,509		\$5,232,220
G40 - SITE ELECTRICAL UTILITIES										
G4010 ELECTRICAL DISTRIBUTION										
<u>330000 UTILITIES</u>										
Primary 15 kva Service, Equipment and Feed										

DESCRIPTION	UNIT COST	UNIT	OPT C1.d NEW		OPT C.2b NEW		OPT C.5b NEW		OPT D.2 NEW	
			QUANTITY	TOTAL	QUANTITY	TOTAL	QUANTITY	TOTAL	QUANTITY	TOTAL
Site Electric		by owner								
Duct banks:										
Pole dressing	\$3,500.00	LS	2	\$7,000	2	\$7,000	2	\$7,000	2	\$7,000
Primary duct bank	\$125.00	LF	1,500	\$187,500	950	\$118,750	1,500	\$187,500	950	\$118,750
Secondary duct bank and conductor	\$250.00	LF	150	\$37,500	150	\$37,500	150	\$37,500	150	\$37,500
Tele data duct bank	\$125.00	LF	1,400	\$175,000	1,400	\$175,000	1,400	\$175,000	1,400	\$175,000
EV Station feed	\$35.00	LF	2,500	\$87,500	2,500	\$87,500	2,500	\$87,500	2,500	\$87,500
PV Canopy feed	\$35.00	LF	1,000	\$35,000	1,000	\$35,000	1,000	\$35,000	1,000	\$35,000
Transformer pad and grounding	\$25,000.00	EA	1	\$25,000	1	\$25,000	1	\$25,000	1	\$25,000
Generator pad and grounding	\$25,000.00	EA	1	\$25,000	1	\$25,000	1	\$25,000	1	\$25,000
Demolition and disconnect	\$20,000.00	LS	1	\$20,000	1	\$20,000	1	\$20,000	1	\$20,000
Temp Electrical	\$25,000.00	LS	1	\$25,000	1	\$25,000	1	\$25,000	1	\$25,000
*Electrical poles and primary by others										
EV Station:										
NEMA Cab, 400 amp panel	\$35,000.00	EA	1	\$35,000	1	\$35,000	1	\$35,000	1	\$35,000
EV Station feed	\$35.00	LF	2,500	\$87,500	2,500	\$87,500	2,500	\$87,500	2,500	\$87,500
EV Charging station	\$15,000.00	EA	20	\$300,000	20	\$300,000	20	\$300,000	20	\$300,000
Future EV (125 Stations):										
Primary Feed - allow	\$250.00	LF	1,000	\$250,000	1,000	\$250,000	1,000	\$250,000	1,000	\$250,000
EV Station Branch Feed 50	\$28.00	LF	5,000	\$140,000	5,000	\$140,000	5,000	\$140,000	5,000	\$140,000
EV Station PVC only 75	\$12.50	LF	7,500	\$93,750	7,500	\$93,750	7,500	\$93,750	7,500	\$93,750
Handholes and misc.	\$550.00	EA	150	\$82,500	150	\$82,500	150	\$82,500	150	\$82,500
Site Security	\$50,000.00	LS	1	\$50,000	1	\$50,000	1	\$50,000	1	\$50,000
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				\$1,663,250		\$1,594,500		\$1,663,250		\$1,594,500
G4020 SITE LIGHTING										
<u>260001 ELECTRICAL*</u>										
Lighting Fixtures:										
Parking Fixtures	\$4,000.00	EA	35	\$140,000	35	\$140,000	35	\$140,000	35	\$140,000
Pedestrian Bollard Fixture(G2050)	\$3,500.00	EA	30	\$105,000	30	\$105,000	30	\$105,000	30	\$105,000
Flagpole light(G2050)	\$1,150.00	EA	1	\$1,150	1	\$1,150	1	\$1,150	1	\$1,150
1" c Light feed	\$14.00	LF	5,000	\$70,000	5,000	\$70,000	5,000	\$70,000	5,000	\$70,000
Specialty Lighting	\$25,000.00	LS	1	\$25,000	1	\$25,000	1	\$25,000	1	\$25,000
New Site Lighting:										
Sports Field lighting	\$120,000.00	EA	8	\$960,000	8	\$960,000	8	\$960,000	8	\$960,000
Light pole feeder trench	\$14.50	LF	5,000	\$72,500	5,000	\$72,500	5,000	\$72,500	5,000	\$72,500
Light pole base	\$950.00	EA	35	\$33,250	35	\$33,250	35	\$33,250	35	\$33,250

DESCRIPTION	UNIT COST	UNIT	OPT C1.d NEW		OPT C.2b NEW		OPT C.5b NEW		OPT D.2 NEW	
			QUANTITY	TOTAL	QUANTITY	TOTAL	QUANTITY	TOTAL	QUANTITY	TOTAL
*Excludes traffic lights *Excludes sports field lighting				\$1,406,900		\$1,406,900		\$1,406,900		\$1,406,900
TOTAL G40 - SITE ELECTRICAL UTILITIES				\$3,070,150		\$3,001,400		\$3,070,150		\$3,001,400

PROJECT: Lexington High School School
LOCATION: Lexington, MA
CLIENT: SMMA
DATE: 09-Oct-24

No.: 18021

SUMMARY

STANDALONE								
OPTF4								
OPT G.1								
OPT G.0								
CENTRAL OFFICE	FIELD HOUSE	FIELD HOUSE	FIELD HOUSE	FIELD HOUSE	FIELD HOUSE	FIELD HOUSE	FIELD HOUSE	POOL
OPT E	OPT #1	OPT #2	OPT #3	OPT #4	OPT #5	OPT #6	OPT #7	OPT #8
TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL
A. SUBSTRUCTURE								
A10 - FOUNDATIONS								
A1010 STANDARD FOUNDATIONS	\$527,850	\$1,008,000	\$2,016,000	\$460,000	\$1,680,000	\$68,000	\$0	\$836,400
A1020 SPECIAL FOUNDATIONS	\$362,250	\$1,260,000	\$2,520,000	\$490,000	\$2,100,000	\$0	\$0	\$574,000
A1030 SLAB ON GRADE	\$182,678	\$635,400	\$1,270,800	\$635,100	\$1,059,000	\$600,100	\$0	\$289,460
B. SHELL								
B10 - SUPERSTRUCTURE								
B1010 FLOOR CONSTRUCTION	\$645,840	\$0	\$0	\$0	\$0	\$0	\$0	\$0
B1020 ROOF CONSTRUCTION	\$545,229	\$2,026,800	\$4,015,800	\$700,800	\$3,346,300	\$0	\$0	\$882,770
B20 - EXTERIOR ENCLOSURE								
B2010 EXTERIOR WALLS	\$952,200	\$2,638,803	\$4,298,017	\$3,579,269	\$4,080,302	\$2,435,446	\$170,000	\$1,180,800
B2020 EXTERIOR WINDOWS	\$517,500	\$1,248,345	\$2,067,593	\$1,727,730	\$1,800,473	\$1,035,484	\$0	\$410,000
B2030 EXTERIOR DOORS	\$59,150	\$101,100	\$141,100	\$101,100	\$101,100	\$101,100	\$0	\$121,100
B30 - ROOFING								
B3010 ROOF COVERINGS	\$434,700	\$1,512,000	\$3,024,000	\$2,016,000	\$2,520,000	\$1,428,000	\$0	\$688,800
B3020 ROOF OPENINGS	\$0	\$255,500	\$585,500	\$8,000	\$255,500	\$8,000	\$0	\$173,000
C. INTERIORS								
C10 - INTERIOR CONSTRUCTION								
C1010 PARTITIONS	\$931,500	\$360,000	\$720,000	\$480,000	\$600,000	\$170,000	\$170,000	\$492,000
C1020 INTERIOR DOORS	\$41,400	\$72,000	\$144,000	\$96,000	\$120,000	\$0	\$0	\$65,600
C1030 FITTINGS	\$41,400	\$72,000	\$144,000	\$96,000	\$120,000	\$0	\$0	\$139,400
C20 - STAIRS								
C2010 STAIR CONSTRUCTION	\$130,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
C2020 STAIR FINISHES	\$12,700	\$0	\$0	\$0	\$0	\$0	\$0	\$0
C30 - INTERIOR FINISHES								
C3010 WALL FINISHES	\$351,900	\$180,000	\$360,000	\$240,000	\$300,000	\$170,000	\$0	\$360,800
C3020 FLOOR FINISHES	\$310,500	\$990,000	\$1,980,000	\$1,320,000	\$1,650,000	\$935,000	\$0	\$451,000
C3030 CEILING FINISHES	\$310,500	\$180,000	\$360,000	\$240,000	\$300,000	\$170,000	\$0	\$82,000
D. SERVICES								
D10 - CONVEYING								
D1010 ELEVATORS & LIFTS	\$80,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
D20 - PLUMBING								
D2010 PLUMBING	\$517,500	\$360,000	\$720,000	\$480,000	\$600,000	\$340,000	\$0	\$574,000
D30 - HVAC								
D3010 HVAC	\$2,799,500	\$3,735,000	\$7,535,000	\$5,045,000	\$6,290,000	\$3,625,000	\$0	\$2,779,000
D40 - FIRE PROTECTION								
D4010 SPRINKLERS	\$207,000	\$360,000	\$720,000	\$480,000	\$600,000	\$340,000	\$0	\$164,000
D50 - ELECTRICAL								
D5010 ELECTRICAL SERVICE & DISTRIBUTION	\$786,600	\$1,368,000	\$2,736,000	\$1,446,000	\$2,010,000	\$1,292,000	\$0	\$623,200
D5020 LIGHTING & BRANCH WIRING	\$369,495	\$432,000	\$864,000	\$576,000	\$720,000	\$408,000	\$0	\$196,800
D5030 COMMUNICATION & SECURITY	\$434,700	\$126,000	\$252,000	\$168,000	\$210,000	\$119,000	\$0	\$57,400
D5090 OTHER ELECTRICAL SYSTEMS	\$271,170	\$216,000	\$432,000	\$288,000	\$360,000	\$204,000	\$0	\$98,400

Lexington High School - Break outs

E. EQUIPMENT & FURNISHINGS

E10 - EQUIPMENT

E1010 COMMERCIAL EQUIPMENT
E1090 OTHER EQUIPMENT

E20 - FURNISHINGS

E 2010 FIXED FURNISHINGS
E2020 MOVABLE FURNISHINGS

F. SPECIAL CONSTRUCTION & DEMOLITION

F10 - SPECIAL CONSTRUCTION

F1010 SPECIAL STRUCTURES
F1020 INTEGRATED CONSTRUCTION
F1030 SPECIAL CONSTRUCTION SYSTEMS
F1040 SPECIAL FACILITIES
F1050 SPECIAL CONTROLS & INSTRUMENTATION

F20 - SELECTIVE BUILDING DEMOLITION

F2010 BUILDING ELEMENTS DEMOLITION
F2020 HAZARDOUS COMPONENTS ABATEMENT

G. BUILDING SITEWORK

G10 - SITE PREPARATION

G1010 SITE CLEARING
G1020 SITE DEMOLITION & RELOCATIONS
G1030 SITE EARTHWORK
G1040 HAZARDOUS WASTE REMEDIATION

G20 - SITE IMPROVEMENTS

G2010 ROADWAYS
G2020 PARKING LOTS
G2030 PEDESTRIAN PAVING
G2040 SITE DEVELOPMENT
G2050 LANDSCAPING

G30 - SITE MECHANICAL UTILITIES

G3010 WATER SUPPLY
G3020 SANITARY SEWER
G3030 STORM SEWER
G3040 HEATING DISTRIBUTION
G3050 COOLING DISTRIBUTION
G3060 FUEL DISTRIBUTION
G3090 OTHER SITE MECHANICAL UTILITIES

G40 - SITE ELECTRICAL UTILITIES

G4010 ELECTRICAL DISTRIBUTION
G4020 SITE LIGHTING
G4030 SITE COMMUNICATIONS & SECURITY
G4090 OTHER SITE ELECTRICAL UTILITIES

TOTAL DIRECT COST

TOTAL GSF

COST PER SF

CENTRAL OFFICE OPT E TOTAL	FIELD HOUSE OPT #1 TOTAL	FIELD HOUSE OPT #2 TOTAL	FH ADD RENO OPT #3 TOTAL	FIELD HOUSE OPT #4 TOTAL	RENO FIELD HOUSE OPT G.0 TOTAL	RENO FIELD HS OPT G.1 TOTAL	POOL OPT H.1 TOTAL
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,750,000
\$3,000	\$621,150	\$789,900	\$789,900	\$789,900	\$621,150	\$0	\$0
\$27,945	\$18,000	\$36,000	\$24,000	\$30,000	\$17,000	\$0	\$8,200
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$0	\$0	\$0	\$0	\$0	\$0	\$600,000	\$0
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$0	\$408,000	\$408,000	\$680,000	\$408,000	\$680,000	\$170,000	\$0
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$164,390	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$0	\$75,000	\$75,000	\$75,000	\$75,000	\$75,000	\$75,000	\$0
\$0	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$0
\$0	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$0
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$0	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$0
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
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\$12,018,596	\$20,459,098	\$38,414,709	\$22,441,899	\$32,325,574	\$15,042,280	\$1,385,000	\$12,998,130
20,700	36,000	72,000	72,000	60,000	34,000	34,000	16,400
\$580.61	\$568.31	\$533.54	\$311.69	\$538.76	\$442.42	\$40.74	\$792.57

Lexington High School - Break outs			10/9/24		36,000 new		72,000 sf new				34,000 SF		34,000 SF					
DESCRIPTION	UNIT COST	UNIT	CENTRAL OFFICE OPT E		FH OPT #1 NEW		FH OPT #2 NEW		FH OPT #3 ADD/RENO		F.H OPT 4 NEW		FH OPT G RENO LONG TERM		FH OPT G RENO SHORT TERM		POOL OPT H.1	
			QUANTITY	TOTAL	QUANTITY	TOTAL	QUANTITY	TOTAL	QUANTITY	TOTAL	QUANTITY	TOTAL	QUANTITY	TOTAL	QUANTITY	TOTAL	QUANTITY	TOTAL
A. SUBSTRUCTURE																		
A10 - FOUNDATIONS																		
A1010 STANDARD FOUNDATIONS																		
Foundation, Earthwork - bldg	\$51.00	GSF	10,350	\$527,850													16,400	836,400
Foundation, Earthwork - new field hou	\$28.00	GSF			36,000	\$1,008,000	72,000	\$2,016,000	14,000	\$392,000	60,000	\$1,680,000						
Allow for foundations repairs	\$2.00	GSF							34,000	\$68,000			34,000	68,000				
				-----		-----		-----		-----		-----		-----		-----		-----
				\$527,850		\$1,008,000		\$2,016,000		\$460,000		\$1,680,000		68,000		0		836,400
A1020 SPECIAL FOUNDATIONS																		
Soil Improvement Allowance:																		
Ground Improvement	\$35.00	FTP	10,350	\$362,250	36,000	\$1,260,000	72,000	\$2,520,000	14,000	\$490,000	60,000	\$2,100,000					16,400	574,000
				-----		-----		-----		-----		-----		0		0		-----
				\$362,250		\$1,260,000		\$2,520,000		\$490,000		\$2,100,000		0		0		574,000
A1030 SLAB ON GRADE																		
5" Slab, Gravel, insul	\$17.65	FTP	10,350	\$182,678	36,000	\$635,400	72,000	\$1,270,800	34,000	\$600,100	60,000	\$1,059,000	34,000	600,100			16,400	289,460
Slab patch at plumbing and structural	\$2.50	FTP							14,000	\$35,000								
				-----		-----		-----		-----		-----		600,100		0		-----
				\$182,678		\$635,400		\$1,270,800		\$635,100		\$1,059,000		600,100		0		289,460
TOTAL A10 FOUNDATIONS				\$1,072,778		\$2,903,400		\$5,806,800		\$1,585,100		\$4,839,000		668,100		0		1,699,860
B. SHELL																		
B10 - SUPERSTRUCTURE																		
B1010 FLOOR CONSTRUCTION																		
Typ. Floor frame (15 lbs / SF)	\$5,400.00	TONS	77.63	\$419,175														
3 1/4" LW Deck Fill	\$12.75	SF	10,350	\$131,963														
3" x 20 Ga Comp. deck	\$6.00	SF	10,350	\$62,100														
Fireproofing - beam & column	\$3.15	SF	10,350	\$32,603														
				-----		-----		-----		-----		-----		0		0		-----
				\$645,840		\$0		\$0		\$0		\$0		0		0		0
B1020 ROOF CONSTRUCTION																		
051200 STRUCTURAL STEEL																		
Classroom flat roof frame (15 lbs / SF	\$5,450.00	TONS	78	\$423,056													107	580,970
FH flat roof frame (13 lbs / SF)	\$6,500.00	TONS			234	\$1,521,000	468	\$3,042,000	78	\$507,000	390	\$2,535,000					6	39,000
Galv. RTU dunnage - allow	\$6,500.00	TONS	2	\$13,000	2	\$13,000	2	\$13,000	2	\$13,000	1	\$6,500					8	49,600
Roof Screen Frame	\$6,200.00	TONS	2	\$12,400	4	\$24,800	4	\$24,800	4	\$24,800	4	\$24,800						
32" x 20 Ga roof deck	\$6.20	SF	10,350	\$64,170														
2" x 20 Ga Acoustical Roof Deck	\$13.00	SF			36,000	\$468,000	72,000	\$936,000	12,000	\$156,000	60,000	\$780,000					16,400	213,200
Fireproofing - beam & column	\$3.15	SF	10,350	\$32,603														
Reinforce existings structure	\$5.00	GSF																
				-----		-----		-----		-----		-----		0		0		-----
				\$545,229		\$2,026,800		\$4,015,800		\$700,800		\$3,346,300		0		0		882,770
TOTAL B10 SUPERSTRUCTURE				\$1,191,069		\$2,026,800		\$4,015,800		\$700,800		\$3,346,300		0		0		882,770
B20 - EXTERIOR ENCLOSURE																		
B2010 EXTERIOR WALLS																		
Exterior Wall Assembly - Central offic	\$46.00	GSF	20,700	\$952,200														
Exterior Wall Assembly - Pool	\$72.00	GSF																
Exterior Wall Assembly - Repair only	\$5.00	GSF																
Masonrv Veneer:																		
Granite Veneer - 2%	\$100.00	SF			313	\$31,320	519	\$51,930	434	\$43,380	452	\$45,210	260	25,965				
Masonry Veneer - 60%	\$50.00	SF			9,396	\$469,800	15,579	\$778,950	13,014	\$650,700	13,563	\$678,150	7,790	389,475				
Canopy col. -complete	\$8,500.00	EA			4	\$34,000	4	\$34,000	4	\$34,000	4	\$34,000						
Stainless steel masonry flashing	\$29.00	LF			696	\$20,184	1,154	\$33,466	964	\$27,956	1,004	\$29,116	577	16,733				
Premium for radial end construction	\$15.00	SF									22,605	\$339,075	12,983	194,738				

Prepared by: A. M. Fogarty & Associates, Inc.
LEXINGTON HIGH SCHOOL PSR RECON 10-2410/9/20244:12 PM

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DESCRIPTION	UNIT COST	UNIT	CENTRAL OFFICE OPT E QUANTITY	TOTAL	FH OPT #1 NEW QUANTITY	TOTAL	FH OPT #2 NEW QUANTITY	TOTAL	FH OPT #3 ADD/RENO QUANTITY	TOTAL	FH OPT 4 NEW QUANTITY	TOTAL	FH OPT G RENO LONG TERM QUANTITY	TOTAL	FH OPT G RENO SHORT TERM QUANTITY	TOTAL	POOL OPT H1 QUANTITY	TOTAL
C1020 INTERIOR DOORS																		
081113 HOLLOW METALWORK																		
081416 WOOD AND PLASTIC DOORS																		
087100 DOOR HARDWARE																		
Interior Door frame and Hardware	\$7.75	GSF																
Interior Door frame and Hardware	\$2.00	GSF	20,700	\$41,400	36,000	\$72,000	72,000	\$144,000	48,000	\$96,000	\$60,000	\$120,000	0				16,400	65,600
Interior Door frame and Hardware	\$4.00	GSF																
				\$41,400		\$72,000		\$144,000		\$96,000		\$120,000	0		0			65,600
C1030 FITTINGS																		
Fittings and Specialties	\$13.00	GSF																
Fittings and Specialties	\$2.00	GSF	20,700	\$41,400	36,000	\$72,000	72,000	\$144,000	48,000	\$96,000	\$60,000	\$120,000	0				16,400	139,400
Fittings and Specialties	\$8.50	GSF																
				\$41,400		\$72,000		\$144,000		\$96,000		\$120,000	0		0			139,400
TOTAL C10 - INTERIOR CONSTRUCTION				\$1,014,300		\$504,000		\$1,008,000		\$672,000		\$840,000		170,000		170,000		697,000
C20 - STAIRS																		
C2010 STAIR CONSTRUCTION																		
Learning Stair	\$200,000.00	LS																
Egress Stair	\$65,000.00	FLTS	2	\$130,000														
Stage Stair	\$5,500.00	FLTS																
Floor opening Railing	\$550.00	LF																
				\$130,000		\$0		\$0		\$0		\$0	0		0			0
C2020 STAIR FINISHES																		
Stage Stair	\$1,500.00	EA																
Learning stair	\$100,000.00	EA																
Rubber tread and riser finish	\$2,850.00	EA	2	\$5,700														
Paint Stair Structure	\$3,500.00	EA	2	\$7,000														
				\$12,700		\$0		\$0		\$0		\$0	0		0			0
TOTAL C20 - STAIRS				\$142,700		\$0		\$0		\$0		\$0	0		0			0
C30 - INTERIOR FINISHES																		
C3010 WALL FINISHES																		
Wall Finish	\$17.00	GSF	20,700	\$351,900														
Wall Finish	\$5.00	GSF			36,000	\$180,000	72,000	\$360,000	48,000	\$240,000	60,000	\$300,000	34,000	170,000			16,400	360,800
Wall Finish	\$22.00	GSF																
Interior Patch and Repair	\$5.00	GSF													0			
				\$351,900		\$180,000		\$360,000		\$240,000		\$300,000	170,000		0			360,800
C3020 FLOOR FINISHES																		
Floor Finish	\$15.00	GSF	20,700	\$310,500														
Floor Finish	\$27.50	GSF			36,000	\$990,000	72,000	\$1,980,000	48,000	\$1,320,000	60,000	\$1,650,000	34,000	935,000			16,400	451,000
Patch and Repair	\$10.00	GSF													0			
				\$310,500		\$990,000		\$1,980,000		\$1,320,000		\$1,650,000	935,000		0			451,000
C3030 CEILING FINISHES																		
Ceiling Finish	\$15.00	GSF	20,700	\$310,500														
Ceiling Finish	\$5.00	GSF			36,000	\$180,000	72,000	\$360,000	48,000	\$240,000	60,000	\$300,000	34,000	170,000			16,400	82,000
Patrch and Repair	\$5.00	GSF													0			
				\$310,500		\$180,000		\$360,000		\$240,000		\$300,000	170,000		0			82,000

DESCRIPTION	UNIT COST	UNIT	CENTRAL OFFICE OPT E QUANTITY	TOTAL	FH OPT #1 NEW QUANTITY	TOTAL	FH OPT #2 NEW QUANTITY	TOTAL	FH OPT #3 ADD/RENO QUANTITY	TOTAL	FH OPT 4 NEW QUANTITY	TOTAL	FH OPT G RENO LONG TERM QUANTITY	TOTAL	FH OPT G RENO SHORT TERM QUANTITY	TOTAL	POOL OPT H.1 QUANTITY	TOTAL
TOTAL C30 - INTERIOR FINISHES				\$972,900		\$1,350,000		\$2,700,000		\$1,800,000		\$2,250,000		1,275,000		0		893,800
D. SERVICES																		
D10 - CONVEYING																		
D1010 ELEVATORS & LIFTS																		
Passenger - Hydraulic	\$80,000.00	STOP	1	\$80,000														
				\$80,000		\$0		\$0		\$0		\$0		0		0		0
TOTAL D10 - CONVEYING				\$80,000		\$0		\$0		\$0		\$0		0		0		0
D20 - PLUMBING																		
D2010 PLUMBING FIXTURES																		
Plumbing - Pool	\$35.00	GSF															16,400	574,000
Plumbing - Central Office	\$25.00	GSF	20,700	\$517,500														
Plumbing - Field House	\$10.00	GSF			36,000	\$360,000	72,000	\$720,000	48,000	\$480,000	60,000	\$600,000	34,000	340,000		0		
				\$517,500		\$360,000		\$720,000		\$480,000		\$600,000		340,000		0		574,000
TOTAL D20 - PLUMBING				\$517,500		\$360,000		\$720,000		\$480,000		\$600,000		340,000		0		574,000
D30 - HVAC																		
D3010 HVAC																		
HVAC - GEO THERMAL	\$85.00	GSF	20,700	\$1,759,500														
H&V Units w/ locker room cooling	\$55.00	GSF			36,000	\$1,980,000	72,000	\$3,960,000	48,000	\$2,640,000	60,000	\$3,300,000	34,000	1,870,000		0		
HVAC - pool	\$110.00	GSF															16,400	1,804,000
Geothermal Wells - 800' depth	\$65,000.00	EA	16	\$1,040,000	27	\$1,755,000	55	\$3,575,000	37	\$2,405,000	46	\$2,990,000	27	1,755,000		0	15	975,000
				\$2,799,500		\$3,735,000		\$7,535,000		\$5,045,000		\$6,290,000		3,625,000		0		2,779,000
TOTAL D30 - HVAC				\$2,799,500		\$3,735,000		\$7,535,000		\$5,045,000		\$6,290,000		3,625,000		0		2,779,000
D40 - FIRE PROTECTION																		
D4010 SPRINKLERS																		
210001 FIRE SUPPRESSION*																		
Sprinkler system - wet	\$10.00	GSF	20,700	\$207,000	36,000	\$360,000	72,000	\$720,000	48,000	\$480,000	60,000	\$600,000	34,000	340,000		0	16,400	164,000
Fire Pump		n/a																
				\$207,000		\$360,000		\$720,000		\$480,000		\$600,000		340,000		0		164,000
TOTAL D40 - FIRE PROTECTION				\$207,000		\$360,000		\$720,000		\$480,000		\$600,000		340,000		0		164,000
D50 - ELECTRICAL																		
D5010 ELECTRICAL SERVICE & DISTRIBUTION																		
260001 ELECTRICAL*																		
Service Panel and Feeders	\$11.00	GSF	20,700	\$227,700	36,000	\$396,000	72,000	\$792,000	48,000	\$528,000	60,000	\$660,000	34,000	374,000		0	16,400	180,400
PV SYSTEMS :																		
PV Low Roof Panels - \$4.50/ per watt	\$54.00	SF	10,350	\$558,900	18,000	\$972,000	36,000	\$1,944,000	17,000	\$918,000	25,000	\$1,350,000	17,000	918,000		0	8,200	442,800
				\$786,600		\$1,368,000		\$2,736,000		\$1,446,000		\$2,010,000		1,292,000		0		623,200
D5020 LIGHTING & BRANCH WIRING																		
260001 ELECTRICAL*																		

DESCRIPTION	UNIT COST	UNIT	CENTRAL OFFICE OPT E QUANTITY	TOTAL	FH OPT #1 NEW QUANTITY	TOTAL	FH OPT #2 NEW QUANTITY	TOTAL	FH OPT #3 ADD/RENO QUANTITY	TOTAL	FH OPT 4 NEW QUANTITY	TOTAL	FH OPT G RENO LONG TERM QUANTITY	TOTAL	FH OPT G RENO SHORT TERM QUANTITY	TOTAL	POOL OPT H.1 QUANTITY	TOTAL
Lighting	\$15.00	GSF	20,700	\$310,500														
Lighting Control	\$2.85	GSF	20,700	\$58,995														
Field House Lighting and controls	\$12.00	GSF			36,000	\$432,000	72,000	\$864,000	48,000	\$576,000	60,000	\$720,000	34,000	408,000	0		16,400	196,800
				-----		-----		-----		-----		-----		-----	0			-----
				\$369,495		\$432,000		\$864,000		\$576,000		\$720,000		408,000	0			196,800
D5030 COMMUNICATION & SECURITY 260001 ELECTRICAL*																		
Security	\$12.00	GSF	20,700	\$248,400														
Tele/data cabling, racks and switches	\$9.00	GSF	20,700	\$186,300														
Speech Reinforcement	\$1.25	GSF																
Tele/comm Security - Field House	\$3.50	GSF			36,000	\$126,000	72,000	\$252,000	48,000	\$168,000	60,000	\$210,000	34,000	119,000	0		16,400	57,400
				-----		-----		-----		-----		-----		-----	0			-----
				\$434,700		\$126,000		\$252,000		\$168,000		\$210,000		119,000	0			57,400
D5090 OTHER ELECTRICAL SYSTEMS 260001 ELECTRICAL*																		
Fire Alarm	\$3.50	GSF	20,700	\$72,450														
Devices	\$3.00	GSF	20,700	\$62,100														
Clocks and PA	\$1.75	GSF	20,700	\$36,225														
Gym/Café Sound System	\$0.75	GSF	20,700	\$15,525														
Lighting Protection	\$0.50	GSF	20,700	\$10,350														
Mechanical Wiring	\$2.00	GSF	20,700	\$41,400														
Misc. Electrical	\$1.00	GSF	20,700	\$20,700														
Bi-Direction Antenna	\$0.60	GSF	20,700	\$12,420														
Field House Misc. Systems	\$6.00	GSF			36,000	\$216,000	72,000	\$432,000	48,000	\$288,000	60,000	\$360,000	34,000	204,000	0		16,400	98,400
				-----		-----		-----		-----		-----		-----	0			-----
				\$271,170		\$216,000		\$432,000		\$288,000		\$360,000		204,000	0			98,400
TOTAL D50 - ELECTRICAL				\$1,861,965		\$2,142,000		\$4,284,000		\$2,478,000		\$3,300,000		2,023,000	0			975,800
E. EQUIPMENT & FURNISHINGS																		
E10 - EQUIPMENT																		
E1010 COMMERCIAL EQUIPMENT																		
11900 POOL EQUIPMENT																		
Pool Package	\$1,750,000.00	LS															1	1,750,000
				-----		-----		-----		-----		-----		-----	0			-----
				\$0		\$0		\$0		\$0		\$0		0	0			1,750,000
E1090 OTHER EQUIPMENT																		
113100 APPLIANCES																		
Staff kitchen refrigerator	\$1,000.00	EA	2	\$2,000														
Staff kitchen microwave	\$500.00	EA	2	\$1,000														
Medical office refrigerator w/ice	\$1,000.00	EA																
Adult living classroom	\$10,000.00	LS																
116600 ATHLETIC & SPORTS EQUIPMENT																		
Basketball backstops - electric	\$25,000.00	EA			6	\$150,000	6	\$150,000	6	\$150,000	6	\$150,000	6	150,000	0			
Roll up curtain	\$35.00	SF			5,800	\$203,000	5,800	\$203,000	5,800	\$203,000	5,800	\$203,000	5,800	203,000	0			
Volley ball court equip.	\$700.00	EA	2	\$1,400	2	\$1,400	2	\$1,400	2	\$1,400	2	\$1,400	2	1,400	0			
Scoreboard and shot clock	\$24,000.00	EA	2	\$48,000	2	\$48,000	2	\$48,000	2	\$48,000	2	\$48,000	2	48,000	0			
Bleachers	\$225.00	SEAT	750	\$168,750	1,500	\$337,500	1,500	\$337,500	1,500	\$337,500	1,500	\$337,500	750	168,750	0			
Misc. Gym Equipment	\$50,000.00	LS			1	\$50,000	1	\$50,000	1	\$50,000	1	\$50,000	1	50,000	0			
				-----		-----		-----		-----		-----		-----	0			-----
				\$3,000		\$621,150		\$789,900		\$789,900		\$789,900		621,150	0			0
TOTAL E10 - EQUIPMENT				\$3,000		\$621,150		\$789,900		\$789,900		\$789,900		621,150	0			1,750,000
E20 - FURNISHINGS																		
E 2010 FIXED FURNISHINGS																		

DESCRIPTION	UNIT COST	UNIT	CENTRAL OFFICE OPT E		FH OPT #1 NEW		FH OPT #2 NEW		FH OPT #3 ADD/RENO		F.H OPT 4 NEW		FH OPT G RENO LONG TERM		FH OPT G RENO SHORT TERM		POOL OPT H.I	
			QUANTITY	TOTAL	QUANTITY	TOTAL	QUANTITY	TOTAL	QUANTITY	TOTAL	QUANTITY	TOTAL	QUANTITY	TOTAL	QUANTITY	TOTAL	QUANTITY	TOTAL
129000 MISC. FURNISHINGS																		
Window Treatment	\$0.85	GSF	20,700	\$17,595														
123553 CLASSROOM CASEWORK																		
Casework	\$0.50	GSF	20,700	\$10,350	36,000	\$18,000	72,000	\$36,000	48,000	\$24,000	60,000	\$30,000	34,000	17,000		0	16,400	8,200
				-----		-----		-----		-----		-----		-----		-----		-----
				\$27,945		\$18,000		\$36,000		\$24,000		\$30,000		17,000		0		8,200
TOTAL E20 - FURNISHINGS				\$27,945		\$18,000		\$36,000		\$24,000		\$30,000		17,000		0		8,200
F. SPECIAL CONSTRUCTION & DEMOLITION																		
F10 - SPECIAL CONSTRUCTION																		
F1010 SPECIAL STRUCTURES																		
Pre-Engineered Mech Addition	\$1,000.00	GSF													600	600,000		
				-----		-----		-----		-----		-----		-----		0		-----
				\$0		\$0		\$0		\$0		\$0		0		600,000		0
TOTAL F10 - SPECIAL CONSTRUCTION				\$0		\$0		\$0		\$0		\$0		0		600,000		0
F20 - SELECTIVE BUILDING DEMOLITION																		
F2010 BUILDING ELEMENTS DEMOLITION																		
Demolish Field House	\$12.00	GSF	n/a		34,000	\$408,000	34,000	\$408,000			34,000	\$408,000					n/a	
Exterior/Interior Demo	\$20.00	GSF							34,000	\$680,000			34,000	680,000				
Minor Interior Demolition	\$5.00	GSF													34,000	170,000		
				-----		-----		-----		-----		-----		680,000		170,000		-----
				\$0		\$408,000		\$408,000		\$680,000		\$408,000		680,000		170,000		0
F2020 HAZARDOUS COMPONENTS ABATEMENT																		
Hazardous Waste Allowance	SEE SUMMARY PAGE																	
				-----		-----		-----		-----		-----		-----		0		-----
				\$0		\$0		\$0		\$0		\$0		0		0		0
TOTAL F20 - SELECTIVE BUILDING DEMOLITION				\$0		\$408,000		\$408,000		\$680,000		\$408,000		680,000		170,000		0
G20 - SITE IMPROVEMENTS																		
G2010 ROADWAYS																		
321000 PAVING AND CURBING																		
Site:																		
Bituminous - Road and parking	\$5.12	SF	21,000	\$107,520														
12" Gravel base @ vehicular pave.	\$65.00	CY	778	\$50,570														
Granite Curbing - road/parking	\$52.00	LF																
Parking/traffic signage	\$0.10	SF	21,000	\$2,100														
Parking line panting & markings	\$0.20	SF	21,000	\$4,200														
				-----		-----		-----		-----		-----		-----		0		-----
				\$164,390		\$0		\$0		\$0		\$0		0		0		0
G30 - SITE MECHANICAL UTILITIES																		
G3010 WATER SUPPLY																		
330000 UTILITIES																		
Water Service	\$75,000.00	LS			1	\$75,000	1	\$75,000	1	\$75,000	1	\$75,000	1	75,000	1	75,000		
				-----		-----		-----		-----		-----		75,000		75,000		-----
				\$0		\$75,000		\$75,000		\$75,000		\$75,000		75,000		75,000		0
G3020 SANITARY SEWER																		
330000 UTILITIES																		

PROJECT: Lexington High School School
 LOCATION: Lexington, MA
 CLIENT: SMMA
 DATE: 20-Aug-24

SUMMARY

No.: 18021

	CODE UPGRADE TOTAL
A. SUBSTRUCTURE	
A10 - FOUNDATIONS	
A1010 STANDARD FOUNDATIONS	\$704,000
A1020 SPECIAL FOUNDATIONS	\$0
A1030 SLAB ON GRADE	\$292,500
B. SHELL	
B10 - SUPERSTRUCTURE	
B1010 FLOOR CONSTRUCTION	\$1,760,000
B1020 ROOF CONSTRUCTION	\$150,000
B20 - EXTERIOR ENCLOSURE	
B2010 EXTERIOR WALLS	\$3,520,000
B2020 EXTERIOR WINDOWS	\$11,440,000
B2030 EXTERIOR DOORS	\$613,100
B30 - ROOFING	
B3010 ROOF COVERINGS	\$8,460,000
B3020 ROOF OPENINGS	\$151,500
C. INTERIORS	
C10 - INTERIOR CONSTRUCTION	
C1010 PARTITIONS	\$1,760,000
C1020 INTERIOR DOORS	\$528,000
C1030 FITTINGS	\$880,000
C20 - STAIRS	
C2010 STAIR CONSTRUCTION	\$250,000
C2020 STAIR FINISHES	\$70,000
C30 - INTERIOR FINISHES	
C3010 WALL FINISHES	\$1,760,000
C3020 FLOOR FINISHES	\$5,280,000
C3030 CEILING FINISHES	\$5,280,000
D. SERVICES	
D10 - CONVEYING	
D1010 ELEVATORS & LIFTS	\$1,050,000
D20 - PLUMBING	
D2010 PLUMBING	\$11,360,000
D30 - HVAC	
D3010 HVAC	\$56,200,000
D40 - FIRE PROTECTION	

D4010 SPRINKLERS

\$3,080,000

	CODE UPGRADE TOTAL
Lexington High School - Base Repair	
D50 - ELECTRICAL	
D5010 ELECTRICAL SERVICE & DISTRIBUTION	\$4,722,000
D5020 LIGHTING & BRANCH WIRING	\$6,283,200
D5030 COMMUNICATION & SECURITY	\$7,832,000
D5090 OTHER ELECTRICAL SYSTEMS	\$5,297,600
E. EQUIPMENT & FURNISHINGS	
E10 - EQUIPMENT	
E1010 COMMERCIAL EQUIPMENT	\$2,500,000
E1090 OTHER EQUIPMENT	\$0
E20 - FURNISHINGS	
E 2010 FIXED FURNISHINGS	\$1,190,700
E2020 MOVABLE FURNISHINGS	\$0
F. SPECIAL CONSTRUCTION & DEMOLITION	
F10 - SPECIAL CONSTRUCTION	
F1010 SPECIAL STRUCTURES	\$0
F20 - SELECTIVE BUILDING DEMOLITION	
F2010 BUILDING ELEMENTS DEMOLITION	\$0
F2020 HAZARDOUS COMPONENTS ABATEMENT	\$0
G. BUILDING SITEWORK	
G10 - SITE PREPARATION	
G1010 SITE CLEARING	\$0
G1020 SITE DEMOLITION & RELOCATIONS	\$0
G1030 SITE EARTHWORK	\$0
G1040 HAZARDOUS WASTE REMEDIATION	\$0
G20 - SITE IMPROVEMENTS	
G2010 ROADWAYS	\$0
G2020 PARKING LOTS	\$0
G2030 PEDESTRIAN PAVING	\$0
G2040 SITE DEVELOPMENT	\$0
G2050 LANDSCAPING	\$0
G30 - SITE MECHANICAL UTILITIES	
G3010 WATER SUPPLY	\$0
G3020 SANITARY SEWER	\$0
G3030 STORM SEWER	\$0
G40 - SITE ELECTRICAL UTILITIES	
G4010 ELECTRICAL DISTRIBUTION	\$0
G4020 SITE LIGHTING	\$0

TOTAL DIRECT COST	\$142,414,600
TOTAL GSF	440,816

COST PER SF

\$323.07

Lexington High School - Base Repair

DESCRIPTION	UNIT COST	UNIT	BASE REPAIR	
			QUANTITY	TOTAL
<hr/> <hr/>				
A. SUBSTRUCTURE				
A10 - FOUNDATIONS				
A1010 STANDARD FOUNDATIONS				
Foundation, Earthwork	\$24.00	GSF	352,000	\$704,000
Allow for repairs and seismic foundation	\$2.00	GSF		

				\$704,000
A1020 SPECIAL FOUNDATIONS				
Soil Improvement Allowance: Ground Improvement	\$22.00	FTP		

				\$0
A1030 SLAB ON GRADE				
5" Slab, Gravel, insul	\$18.50	FTP	117,000	\$292,500
Slab patch at plumbing and structural	\$2.50	FTP		

				\$292,500
TOTAL A10 FOUNDATIONS				\$996,500
<hr/>				
B. SHELL				
B10 - SUPERSTRUCTURE				

Lexington High School - Base Repair

DESCRIPTION	UNIT COST	UNIT	BASE REPAIR	
			QUANTITY	TOTAL
B1010 FLOOR CONSTRUCTION				
Typ. Floor frame (15 lbs / SF)	\$5,400.00	TONS		
3 1/2" NW Deck Fill	\$11.00	SF		
1 1/2" x 20 Ga Comp. deck	\$6.00	SF		
Fireproofing - beam & column	\$3.15	SF		
Seismic Upgrade	\$5.00	GSF	352,000	\$1,760,000

				\$1,760,000
B1020 ROOF CONSTRUCTION				
<u>051200 STRUCTURAL STEEL</u>				
Typ. flat roof frame (15 lbs / SF)	\$5,400.00	TONS		
Galv. RTU dunnage - allow	\$6,500.00	TONS		
Roof Screen Frame	\$6,200.00	TONS		
1 1/2" x 20 Ga roof deck	\$6.20	SF		
2" x 20 Ga Acoustical Roof Deck	\$13.00	SF		
Fireproofing - beam & column	\$3.15	SF		
Intumescent Paint - allow	\$500,000.00	LS		
Infill deck openings as necessary	\$150,000.00	LS	1	\$150,000

				\$150,000
TOTAL B10 SUPERSTRUCTURE				\$1,910,000
B20 - EXTERIOR ENCLOSURE				
B2010 EXTERIOR WALLS				
Exterior Wall Assembly	\$52.00	GSF		
Passive House Ext. Wall - Premium	\$7.50	GSF		
Replace/Replace existing bldg exterior	\$30.00	GSF		

Lexington High School - Base Repair

DESCRIPTION	UNIT COST	UNIT	BASE REPAIR	
			QUANTITY	TOTAL
Repair Existing Exterior	\$10.00	GSF	352,000	\$3,520,000

				\$3,520,000
B2020 EXTERIOR WINDOWS				
Window Systems	\$30.00	GSF	352,000	\$10,560,000
Passive House Window - Premium	\$2.50	GSF	352,000	\$880,000

				\$11,440,000
B2030 EXTERIOR DOORS				
<u>080001 METAL WINDOWS*</u>				
7' Alum. Doors (Incl. Hardware):				
Main Entry - dbl	\$20,000.00	EA	15	\$300,000
Stair Entries - dbl	\$20,000.00	EA	10	\$200,000
Misc . Alum Egress - sgl	\$10,000.00	EA	5	\$50,000
Auto opener - allow	\$11,000.00	PR	3	\$33,000
<u>081113 HOLLOW METALWORK</u>				
Insulated HM Doors and Frame:				
Receiving - dbl	\$3,500.00	EA	1	\$3,500
Elec/mech rm - sgl	\$1,350.00	EA	2	\$2,700
Elec/mech rm - dbl	\$3,500.00	EA	2	\$7,000
Gym - dbl	\$7,500.00	EA	2	\$15,000
<u>090007 PAINTING*</u>				
Paint HM Door & frame - sgl	\$200.00	EA	2	\$400
Paint HM Door & frame - dbl	\$300.00	EA	5	\$1,500

				\$613,100

Lexington High School - Base Repair

DESCRIPTION	UNIT COST	UNIT	BASE REPAIR	
			QUANTITY	TOTAL
TOTAL B20 - EXTERIOR ENCLOSURE				\$15,573,100
B30 - ROOFING				
B3010 ROOF COVERINGS				
Roofing and Flashing	\$36.00	SF	235,000	\$8,460,000
Outdoor Terrace Premium	\$75.00	SF		

				\$8,460,000
B3020 ROOF OPENINGS				
<u>077200 ROOF ACCESSORIES</u>				
Roof hatch	\$8,000.00	EA	3	\$24,000
Smoke hatch	\$15,000.00	EA	3	\$45,000
New Skylight	\$165.00	SF	500	\$82,500
*Mechanical equip screen is included with B1020 & B2010				

				\$151,500
TOTAL B30 ROOFING				\$8,611,500
C. INTERIORS				
C10 - INTERIOR CONSTRUCTION				
C1010 PARTITIONS				
Interior Partitions	\$42.00	GSF		
Minor Repair and Rework	\$5.00	GSF	352,000	\$1,760,000

Lexington High School - Base Repair

DESCRIPTION	UNIT COST	UNIT	BASE REPAIR	
			QUANTITY	TOTAL
				----- \$1,760,000
C1020 INTERIOR DOORS				
<u>081113 HOLLOW METALWORK</u>				
<u>081416 WOOD AND PLASTIC DOORS</u>				
<u>087100 DOOR HARDWARE</u>				
Interior Door frame and Hardware	\$7.75	GSF		
ADA Door and Hardware upgrade	\$1.50	GSF	352,000	\$528,000
				----- \$528,000
C1030 FITTINGS				
Fittings and Specialties	\$13.00	GSF		
Minor Fitting Replacement	\$2.50	GSF	352,000	\$880,000
				----- \$880,000
TOTAL C10 - INTERIOR CONSTRUCTION				\$3,168,000
C20 - STAIRS				
C2010 STAIR CONSTRUCTION				
Learning Stair	\$200,000.00	LS		
Egress Stair	\$65,000.00	FLTS		
Stage Stair	\$5,500.00	FLTS		
Floor opening Railing	\$550.00	LF		
ADA Stair Upgrade	\$12,500.00	FLTS	20	\$250,000

Lexington High School - Base Repair

DESCRIPTION	UNIT COST	UNIT	BASE REPAIR	
			QUANTITY	TOTAL
				\$250,000
C2020 STAIR FINISHES				
Stage Stair	\$1,500.00	EA		
Learning stair	\$100,000.00	EA		
Rubber tread and riser finish	\$2,850.00	EA		
Paint Stair Structure	\$3,500.00	EA	20	\$70,000

				\$70,000
TOTAL C20 - STAIRS				\$320,000
C30 - INTERIOR FINISHES				
C3010 WALL FINISHES				
Wall Finish	\$17.00	GSF		
Interior Painting - only	\$5.00	GSF	352,000	\$1,760,000

				\$1,760,000
C3020 FLOOR FINISHES				
Floor Finish	\$15.00	GSF	352,000	\$5,280,000

				\$5,280,000
C3030 CEILING FINISHES				
Ceiling Finish	\$15.00	GSF	352,000	\$5,280,000

Lexington High School - Base Repair

DESCRIPTION	UNIT COST	UNIT	BASE REPAIR	
			QUANTITY	TOTAL
				\$5,280,000
TOTAL C30 - INTERIOR FINISHES				\$12,320,000
D. SERVICES				
D10 - CONVEYING				
D1010 ELEVATORS & LIFTS				
Repalce elevators in its entirety	\$125,000.00	STOP	6	\$750,000
Elevator Upgrade	\$300,000.00	LS	1	\$300,000

				\$1,050,000
TOTAL D10 - CONVEYING				\$1,050,000
D20 - PLUMBING				
D2010 PLUMBING FIXTURES				
Plumbing - New	\$30.00	GSF	352,000	\$10,560,000
Air Source Heat Pump Water Heater	\$800,000.00	LS	1	\$800,000

				\$11,360,000
TOTAL D20 - PLUMBING				\$11,360,000
D30 - HVAC				
D3010 HVAC				

Lexington High School - Base Repair

DESCRIPTION	UNIT COST	UNIT	BASE REPAIR	
			QUANTITY	TOTAL
HVAC - GEO THERMAL	\$100.00	GSF	352,000	\$35,200,000
Geothermal Wells - 500' depth	\$37,500.00	EA	560	\$21,000,000

				\$56,200,000
TOTAL D30 - HVAC			\$159.66	\$56,200,000
D40 - FIRE PROTECTION				
D4010 SPRINKLERS				
<u>210001 FIRE SUPPRESSION*</u>				
Sprinkler system - wet	\$8.75	GSF	352,000	\$3,080,000

				\$3,080,000
TOTAL D40 - FIRE PROTECTION				\$3,080,000
D50 - ELECTRICAL				
D5010 ELECTRICAL SERVICE & DISTRIBUTION				
<u>260001 ELECTRICAL*</u>				
Service Panel and Feeders	\$11.00	GSF	352,000	\$3,872,000
1,250 KW Emergency Generator	\$850,000.00	LS	1	\$850,000
PV SYSTEMS (assumes 12 w/sf):				
PV Site Canopy/Panel - \$4.50/per wat	\$54.00	SF		
PV Roof Panels - \$3.00/ per watt	\$36.00	SF		
Battery Storage	\$2,500,000.00	LS		

Lexington High School - Base Repair

DESCRIPTION	UNIT COST	UNIT	BASE REPAIR	
			QUANTITY	TOTAL
				\$4,722,000
D5020 LIGHTING & BRANCH WIRING				
<u>260001 ELECTRICAL*</u>				
Lighting	\$15.00	GSF	352,000	\$5,280,000
Lighting Control	\$2.85	GSF	352,000	\$1,003,200

				\$6,283,200
D5030 COMMUNICATION & SECURITY				
<u>260001 ELECTRICAL*</u>				
Security	\$12.00	GSF	352,000	\$4,224,000
Tele/data cabling, racks and switches	\$9.00	GSF	352,000	\$3,168,000
Speech Reinforcement	\$1.25	GSF	352,000	\$440,000

				\$7,832,000
D5090 OTHER ELECTRICAL SYSTEMS				
<u>260001 ELECTRICAL*</u>				
Fire Alarm	\$5.00	GSF	352,000	\$1,760,000
Devices	\$3.45	GSF	352,000	\$1,214,400
Clocks and PA	\$1.75	GSF	352,000	\$616,000
Gym/Café Sound System	\$0.75	GSF	352,000	\$264,000
Lighting Protection	\$0.50	GSF	352,000	\$176,000
Mechanical Wiring	\$2.00	GSF	352,000	\$704,000
Misc. Electrical	\$1.00	GSF	352,000	\$352,000
Bi-Direction Antenna	\$0.60	GSF	352,000	\$211,200

				\$5,297,600

Lexington High School - Base Repair

DESCRIPTION	UNIT COST	UNIT	BASE REPAIR	
			QUANTITY	TOTAL
TOTAL D50 - ELECTRICAL			\$68.56	\$24,134,800
E. EQUIPMENT & FURNISHINGS				
E10 - EQUIPMENT				
E1010 COMMERCIAL EQUIPMENT				
114000 FOOD SERVICE EQUIPMENT				
Kitchen equipment - new	\$2,500,000.00	LS	1	\$2,500,000

				\$2,500,000
E1090 OTHER EQUIPMENT				
113100 APPLIANCES				
Staff kitchen refrigerator	\$1,000.00	EA		
Staff kitchen microwave	\$500.00	EA		
Medical office refrigerator w/ice	\$1,000.00	EA		
Adult living classroom	\$10,000.00	LS		
116600 ATHLETIC & SPORTS EQUIPMENT				
Basketball backstops - electric	\$9,500.00	EA		
Wall padding - 6'	\$15.00	SF		
Roll up curtain	\$20.00	SF		
Volley ball court equip.	\$700.00	EA		
Scoreboard and shot clock	\$24,000.00	EA		
Bleachers	\$250,000.00	LS		
Misc. Gym Equipment	\$50,000.00	LS		
115213 PROJECTION SCREENS				
Projection screen - various areas	\$20,000.00	EA		

Lexington High School - Base Repair

DESCRIPTION	UNIT COST	UNIT	BASE REPAIR	
			QUANTITY	TOTAL
<u>116143 THEATRICAL EQUIPMENT</u>				
Auditorium :				
Stage Rigging	\$300,000.00	LS		
Stage Drapes	\$75,000.00	LS		
Aud Lighting and Diming	\$250,000.00	LS		
Aud Sound System	\$200,000.00	LS		
<u>119000 MISC. EQUIPMENT</u>				
Science Lab Equipment	\$450,000.00	LS		
Kiln	\$3,500.00	EA		

				\$0
TOTAL E10 - EQUIPMENT				\$2,500,000
E20 - FURNISHINGS				
E 2010 FIXED FURNISHINGS				
<u>129000 MISC. FURNISHINGS</u>				
Window Treatment	\$0.85	GSF	352,000	\$299,200
Auditorium Seating	\$375.00	EA	500	\$187,500
<u>123553 CLASSROOM CASEWORK</u>				
Casework	\$12.00	GSF		
Minor Rework of exisitng	\$2.00	GSF	352,000	\$704,000

				\$1,190,700
TOTAL E20 - FURNISHINGS				\$1,190,700

Lexington High School - Base Repair

DESCRIPTION	UNIT COST	UNIT	BASE REPAIR	
			QUANTITY	TOTAL
F20 - SELECTIVE BUILDING DEMOLITION				
F2020 HAZARDOUS COMPONENTS ABATEMENT				
Hazardous Waste Allowance	SEE SUMMARY PAGE			
F2030 SELECTIVE DEMOLITION				
BUILDING DEMOLITION	SEE SUMMARY PAGE			
				----- \$0
TOTAL F20 - SELECTIVE BUILDING DEMOLITION				\$0

DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL
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OPT E CENTRAL OFFICE (refer to back-up for detail)

CONSTRUCTION COST	1	LS	12,018,596	12,018,596
SUBTOTAL				----- 12,018,596
MARK-UP		45 %		5,408,368
TOTAL				----- 17,426,965

OPT#1 FIELD HOUSE

CONSTRUCTION COST	1	LS	20,459,098	20,459,098
SUBTOTAL				----- 20,459,098
MARK-UP		45 %		9,206,594
TOTAL				----- 29,665,692

OPT F.2 FIELD HOUSE

CONSTRUCTION COST	1	LS	38,414,709	38,414,709
SUBTOTAL				----- 38,414,709
MARK-UP		45 %		17,286,619
TOTAL				----- 55,701,328

OPT. F.3 ADDITION/RENOVATE FIELD HOUSE

CONSTRUCTION COST	1	LS	22,441,899	22,441,899
SUBTOTAL				----- 22,441,899
MARK-UP		45 %		10,098,854
TOTAL				----- 32,540,753

OPT FH.4 FIELD HOUSE - STAND ALONE

CONSTRUCTION COST	1	LS	32,325,574	32,325,574
SUBTOTAL				----- 32,325,574
MARK-UP		45 %		14,546,508
TOTAL				----- 46,872,083

DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL
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OPT FH RENOVATE FIELD HOUSE - LONG TERM

CONSTRUCTION COST	1	LS	15,042,280	15,042,280
SUBTOTAL				15,042,280
MARK-UP		45 %		6,769,026
TOTAL				21,811,305

OPT FH RENOVATE FIELD HOUSE - 5-10 YR

CONSTRUCTION COST	1	LS	1,385,000	1,385,000
SUBTOTAL				1,385,000
MARK-UP		45 %		623,250
TOTAL				2,008,250

OPT H.1 POOL

CONSTRUCTION COST	1	LS	15,042,280	15,042,280
SUBTOTAL				15,042,280
MARK-UP		45 %		6,769,026
TOTAL				21,811,305

MASS TIMBER - SCOPE A (ALL STRUCT.)

Deduct:				
Credit steel floor and deck	-1	LS	27,153,748	-27,153,748
Add:				
CLT Frame	440,816	SF	65.00	28,653,040
3 ply deck	18,000	SF	24.50	441,000
5 ply deck	422,816	SF	28.00	11,838,848
Gypcrete topping w/ acoustical mat	396,816	SF	12.00	4,761,792
SUBTOTAL				18,540,932
MARK-UP		45 %		8,343,419
TOTAL				26,884,351

MASS TIMBER - SCOPE B (HYBRID)

Deduct:				
Credit steel floor and deck	-1	LS	27,153,748	-27,153,748

DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL
Add:				
CLT Frame	440,816	SF	50.00	22,040,800
3 ply deck	18,000	SF	24.50	441,000
5 ply deck	422,816	SF	28.00	11,838,848
Gypcrete topping w/ acoustical mat	396,816	SF	12.00	4,761,792
Steel Columns (2 lbs/sf)	441	TONS	5,500	2,424,488
SUBTOTAL				14,353,180
MARK-UP		45 %		6,458,931
TOTAL				20,812,111

MASS TIMBER - SCOPE C (GYM/CAFÉ/MEDIA)

Deduct:				
Credit steel floor and deck	-44,000	GSF	-61.60	2,710,348
Add:				
CLT Frame	44,000	SF	65.00	2,860,000
3 ply deck	18,000	SF	24.50	441,000
5 ply deck	26,000	SF	28.00	728,000
SUBTOTAL				728,000
MARK-UP		45 %		327,600
TOTAL				1,055,600

**NO.1 - IN LIEU OF GROUND SOURCE HEAT PUMP SYSTEM
SUBSTITTUE AN AIR SOURCE HEAT PUMP SYSTEM**

Deduct Ground Source System:				
Geo Wells - 800' depth @ 350 EA	-280,000	VLF	\$60.00	-16,800,000
6" Well casing - 200' ea	-70,000	VLF	\$34.00	-2,380,000
Valve Vault	-1	EA	\$175,000.00	-175,000
Geothermal System				
Plate and FrameHeat Exchanger	-3	EA	\$60,000.00	-180,000
Base Mtd Sec. HWP w/ VFD	-10	EA	\$30,000.00	-300,000
Glycol Feed System	-1	LS	\$250,000.00	-250,000
Piping valve and trim	-1	LS	\$350,000.00	-350,000
HW/CW Distribution:				
Fan coil heat pump	-440,816	GSF	\$4.00	-1,763,264
Mechanical HW/CW Piping	-440,816	GSF	\$9.00	-3,967,344
Glycol feed	-1	LS	\$200,000.00	-200,000
Misc. HW Devices	-91,000	GSF	\$2.50	-227,500
Air Equipment:				
DOAS Units - Large Spaces	-170,000	CFM	\$38.00	-6,460,000
DOAS Units - Classroom	-125,000	CFM	\$38.00	-4,750,000

DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL
MAU 4,500 CFM	-4,500	CFM	\$30.00	-135,000
Freeze Protection	-10	EA	\$2,000.00	-20,000
Curbs	-10	EA	\$5,500.00	-55,000
Merv Filter	-20	EA	\$2,500.00	-50,000
Sound Attenuation	-295,000	CFM	\$0.85	-250,750
Pipe Valve and Fitting Connections	-10	EA	\$6,500.00	-65,000
Grilles registers and dampers	-440,816	GSF	\$1.50	-661,224
Ductwork	-440,816	LBS	\$20.00	-8,816,320
CV/VAV exhaust	-400	EA	\$975.00	-390,000
Kitchen Exhaust Ductwork	-1	LS	\$250,000.00	-250,000
Duct Insul	-352,653	SF	\$6.50	-2,292,243
Exhaust Fan	-35	EA	\$5,000.00	-175,000
Split AC	-25	EA	\$20,000.00	-500,000
Temp Control (Demand CO2)	-440,816	GSF	\$12.00	-5,289,792
Seismic and Vibration	-440,816	GSF	\$0.85	-374,694
Rigging	-1	LS	\$250,000.00	-250,000
BIM/ Commission coordination	-440,816	GSF	\$2.50	-1,102,040
HVAC Supervision	-440,816	GSF	\$2.50	-1,102,040
Credit New field work	-500,000	LS	1.00	-500,000
Add:				
Add Air to Water System (4-Pipe)				
Air Source HP (Air to Water)	1,250	TONS	\$2,400.00	3,000,000
Plate and Frame Heat Exchanger	2	EA	\$30,000.00	60,000
Base Mtd Sec. HWP w/ VFD	8	EA	\$30,000.00	240,000
Glycol Feed System	1	LS	\$250,000.00	250,000
Piping valve and trim	1	LS	\$350,000.00	350,000
HW/CW Distribution:				
Fan coil heat pump	440,816	GSF	\$4.00	1,763,264
Mechanical HW/CW Piping	440,816	GSF	\$18.00	7,934,688
Glycol feed	1	LS	\$200,000.00	200,000
Misc. HW Devices	91,000	GSF	\$2.50	227,500
Air Equipment (Packaged)				
DOAS Units - Large Spaces	170,000	CFM	\$45.00	7,650,000
DOAS Units - Classroom	125,000	CFM	\$45.00	5,625,000
MAU 4,500 CFM	4,500	CFM	\$35.00	157,500
Freeze Protection	10	EA	\$2,000.00	20,000
Curbs	10	EA	\$5,500.00	55,000
Merv Filter	20	EA	\$2,500.00	50,000
Sound Attenuation	295,000	CFM	\$0.85	250,750
Grilles registers and dampers	440,816	GSF	\$1.50	661,224
Ductwork	440,816	LBS	\$20.00	8,816,320
CV/VAV exhaust	400	EA	\$975.00	390,000
Kitchen Exhaust Ductwork	1	LS	\$250,000.00	250,000
Duct Insul	352,653	SF	\$6.50	2,292,243
Exhaust Fan	35	EA	\$5,000.00	175,000
Split AC	25	EA	\$20,000.00	500,000
Temp Control (Demand CO2)	440,816	GSF	\$12.00	5,289,792

DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL
Seismic and Vibration	440,816	GSF	\$0.85	374,694
Rigging	1	LS	\$250,000.00	250,000
BIM/ Commission coordination	440,816	GSF	\$2.50	1,102,040
HVAC Supervision	440,816	GSF	\$2.50	1,102,040

SUBTOTAL				-11,045,156
MARK-UP		45 %		-4,970,320

TOTAL				-16,015,476