

PROJECT: RUSSELL STREET ELEMENTARY SCHOOL
 LITTLETON, MA
 PREFERRED OPTION B5

GFA 71,288 SF



Code	Item Description	Quantity	Unit	Price	Total
GENERAL SUMMARY					\$
		PHASE \$/SF	GAA \$/SF		
	A PHASE 1	\$29.45	\$25.48 /SF		1,816,392
	B PHASE 2	\$136.13	\$39.61 /SF		2,823,907
	C PHASE 3	\$134.81	\$36.81 /SF		2,624,412
	D PHASE 4	\$135.59	\$40.82 /SF		2,909,693
	E PHASE 5	\$172.87	\$23.32 /SF		1,662,467
	TOTAL COST		\$166.04 /SF		<u><u>\$11,836,871</u></u>

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Code	Item Description	Quantity	Unit	Price	Total
DEDUCT ALTERNATES		GAA \$/SF			\$
A1	WINDOW REPLACEMENT			\$7.07 /SF	503,964
A2	REPAINTING EXISTING			\$3.21 /SF	228,593
A3	FOOD SERVICE EQUIPMENT			\$1.67 /SF	118,712
A4	AIR CONDITIONING			\$4.01 /SF	286,043
TOTAL COST				\$15.95 /SF	<u><u>\$1,137,312</u></u>



Code	Item Description	Quantity	Unit	Price	Total
GENERAL SUMMARY					\$
A	SUBSTRUCTURE	0%	\$0.00 /SF		0
B	SHELL	36%	\$7.99 /SF		492,536
C	INTERIORS	6%	\$1.28 /SF		79,005
D	SERVICES	15%	\$3.39 /SF		208,896
E	EQUIPMENT & FURNISHINGS	0%	\$0.01 /SF		645
F	SPECIAL CONSTRUCTION & DEMOLITION	20%	\$4.33 /SF		267,272
G	BUILDING SITEWORK	23%	\$5.10 /SF		314,218
			\$22.09 /SF		<u>1,362,572</u>
Z10	GENERAL CONDITIONS & PROFIT			12.0%	163,509
			\$24.75 /SF		<u>1,526,081</u>
Z20	DESIGN & PRICE RESERVE			15.0%	228,912
			\$28.46 /SF		<u>1,754,993</u>
Z20	ESCALATION TO MID POINT OF CONSTRUCTIC	Aug-09		2.13%	37,381
			\$29.06 /SF		<u>1,792,374</u>
Z20	BOND			1.34%	24,018
	TOTAL COS'		\$29.45 /SF		<u><u>\$1,816,392</u></u>



Code	Item Description	Quantity	Unit	Price	Total
B	SHELL				\$
B 10	SUPERSTRUCTURE				
B 10	10.000 FLOOR CONSTRUCTION				
	10.210 Upper Floors Construction				
	10.211 2" 18 ga. galv. steel deck - lecture hall infill	2,733	sf	3.20	8,746
	10.213 3 1/2" concrete topping	38	cy	163.28	6,205
	10.214 mesh 6x6 w2.9/2.9	2,733	sf	0.72	1,968
	10.215 finish & cure	2,733	sf	0.90	2,460
	10.216 new floor framing - lecture hall	13.67	tons	3,481.78	47,596
	10.219 shear studs 3/4"x4"	483	ea	6.01	2,903
	10.220 firestopping floor decks	2,733	sf	1.23	3,362
B 20	EXTERIOR ENCLOSURE				
B 20	10.000 EXTERIOR WALLS				
	10.110 Exterior Wall Construction				
	10.153 fascia/edge trim	297	lf	22.05	6,549
	10.170 through wall flashings	297	lf	6.42	1,907
	10.177 6" galv. steel studs 16 ga.	2,778	sf	4.95	13,751
	10.181 vapor barrier	2,778	sf	0.28	778
	10.184 continuous air & vapor barrier	2,778	sf	4.11	11,418
	10.188 6" batts	2,778	sf	0.92	2,556
	10.190 1/2" densglas sheathing	2,778	sf	1.83	5,084
	10.219 sealants & caulking	1,937	sf	1.72	3,332
B 20	20.000 EXTERIOR WINDOWS				
	20.110 Windows				
	20.111 aluminum windows	192	sf	62.41	11,983
	20.310 Storefronts				
	20.311 storefront window systems	5,283	sf	68.51	361,938
B	SHELL	TOTAL COS'	\$7.99 /SF		\$492,536



Code	Item Description		Quantity	Unit	Price	Total
C	INTERIORS					\$
C 10	INTERIOR CONSTRUCTION					
C 10	10.000 PARTITIONS					
	10.110 Fixed Partitions					
	10.111 5/8" abuse resistant board w/level 5 finish	partitions	9,192 sf		2.59	23,807
	10.119 3 5/8" studs 20ga	partitions	1,960 sf		3.49	6,840
	10.121 6" studs 20ga	partitions	1,247 sf		4.23	5,275
	10.125 3 5/8" batts	partitions	1,960 sf		0.84	1,646
	10.127 6" batts	partitions	2,494 sf		1.36	3,392
C 10	20.000 INTERIOR DOORS					
	20.110 Interior Doors					
	20.114 interior door maple	4x7	8 leaf		247.69	1,982
	20.117 extra for vision lite	allowance	2 ea		101.18	202
	20.124 glass & glazing, doors		1 sf		36.23	36
	20.210 Interior Door Frames					
	20.211 interior door frame h.m.	single	8 ea		211.85	1,695
	20.310 Interior Door Hardware					
	20.311 hardware allowance	interior door	8 leaf		351.19	2,810
	20.710 Door Painting and Decoration					
	20.111 paint/stain doors & frames	interior door	8 leaf		93.14	745
	30.710 General Fittings and Misc. Metals					
	30.711 markerboards	temp class	128 sf		21.18	2,711
	30.712 tackboards	temp class	128 sf		16.42	2,102
	30.715 fire extinguishers & cabinets	allowance	3 ea		477.34	1,432
	30.730 misc rough carpentry		9,470 sf		0.75	7,103
	30.731 misc trim		9,470 sf		0.62	5,871
	30.732 misc metals		9,470 sf		0.92	8,712
C 30	INTERIOR FINISHES					
C 30	10.000 WALL FINISHES					
	10.210 Wall Finishes to Interior Walls					
	10.218 paint partitions	drywall	2,494 sf		1.06	2,644
C	INTERIORS	TOTAL COS'	\$1.28 /SF			\$79,005



Code	Item Description	Quantity	Unit	Price	Total
D	SERVICES				\$
D 30	30.000 HVAC	4,800	sf	28.51	136,848
D 50	ELECTRICAL				
D 50	10.000 ELECTRICAL SERVICE/DISTRIBUTION				
D 50	20.000 LIGHTING AND BRANCH WIRING				
	20.110 Branch Wiring Devices	4,800	sf	4.31	20,688
	20.210 Lighting Equipment	4,800	sf	4.21	20,208
D 50	30.000 COMMUNICATIONS AND SECURITY				
	30.210 Intercommunication and Paging System	4,800	sf	0.48	2,304
	30.510 Television Systems	4,800	sf	0.36	1,728
	30.710 Fire Alarm Systems	4,800	sf	1.73	8,304
	30.810 Security and Detection Systems	4,800	sf	2.07	9,936
	30.910 Voice/Data System	4,800	sf	1.75	8,400
D 50	90.000 OTHER ELECTRICAL SYSTEMS				
	90.110 Grounding Systems	4,800	sf	0.10	480
D	SERVICES				
	TOTAL COS'		\$3.39 /SF		\$208,896

PROJECT: RUSSELL STREET ELEMENTARY SCHOOL
 LITTLETON, MA
 PREFERRED OPTION B5 - PHASE 1

GFA 61,671 SF



Code	Item Description	Quantity	Unit	Price	Total
E	EQUIPMENT AND FURNISHINGS				\$
E 20	FURNISHINGS				
E 20	10.000 FIXED FURNISHINGS				
	10.310 Blinds and Other Window Treatment				
	10.311 window shades, manual	192	sf	3.36	645
E	EQUIPMENT AND FURNISHINGS	TOTAL COS'	\$0.01 /SF		\$645



Code	Item Description	Quantity	Unit	Price	Total
F	SPECIAL CONSTRUCTION AND DEMOLITION				\$
F 20	SELECTIVE BUILDING DEMOLITION				
F 20	10.000 BUILDING ELEMENTS DEMOLITION				
	10.110 Building Interior Demolition				
	21.210 interface with existing building as required	connector	2 ea	10,170.00	20,340
	52.210 remove windows, flashings & trim		5,283 sf	3.05	16,113
	81.210 dumpster rental		4 weeks	815.93	3,264
	82.210 load & truck	10 mile round t	80 cy	61.38	4,910
	83.210 dump charges		32 ton	96.75	3,096
F 20	20.000 HAZARDOUS COMPONENTS ABATMENT				
	20.110 Removal of Hazardous Components				
	20.111 pre-demolition abatement (Engineer's Estimate)		61,671 sf	3.56	219,549
F	SPECIAL CONSTRUCTION AND DEMOLITION TOTAL COST		\$4.33 /SF		\$267,272



Code	Item Description	Quantity	Unit	Price	Total
G	BUILDING SITEWORK				\$
G 30	SITE CIVIL/MECHANICAL UTILITIES				
G 30	10.000 WATER SUPPLY				
	10.110 Potable Water Distribution and Storage				
	10.111 connect to existing main	1 ea		2,907.00	2,907
	10.112 hydrant	1 ea		2,973.58	2,974
	10.120 excavate & backfill	1,060 lf	water system	26.59	28,185
	10.122 6" ductile iron pipe	100 lf		31.95	3,195
	10.123 8" ductile iron pipe	1,060 lf		46.84	49,650
	10.124 sawcut roadway for trench 7" depth	30 lf	water system	4.74	142
	10.125 patch & repair trench 4" base, 3" finish	30 lf	water system	7.35	221
	10.126 traffic control detail	10 days	water system	1,022.32	10,223
	10.127 signage/barricades	1 ls	water system	1,474.50	1,475
	60.410 Gas				
	60.415 gas piping	0 lf	by utility Co.	0.00	0
	60.416 excavate & backfill	1,060 lf	gas system	26.59	28,185
	60.417 sawcut roadway for trench 7" depth	30 lf	gas system	4.74	142
	60.418 patch & repair trench 4" base, 3" finish	30 lf	gas system	7.35	221
	60.419 traffic control detail	10 days	gas system	1,022.32	10,223
	60.420 signage/barricades	1 ls	gas system	1,474.50	1,475
G 40	SITE ELECTRICAL UTILITIES				
G 40	20.000 SITE LIGHTING				
	20.110 Fixtures and Transformers				
	20.115 excavate & backfill	1,060 lf	electrical	19.66	20,840
	20.116 marking tape	1,060 lf		1.03	1,092
	20.117 concrete conduit encasement	65 cy		153.04	9,948
	20.119 transformer pad excavation & disposal	5 cy		49.03	245
	20.120 gravel at transformer pad	3 cy		30.26	91
	20.121 transformer pad	2 cy	concrete	153.35	307
	20.122 transformer pad	36 sf	forms	5.60	202
	20.123 transformer pad	289 lbs	reinforcing	1.03	298
	20.124 transformer pad	36 sf	cure & finish	0.87	31
	20.144 new service & transformer	1 ea		141,946.00	141,946
G	BUILDING SITEWORK	TOTAL COS'		\$5.10 /SF	\$314,218



Code	Item Description	Quantity	Unit	Price	Total
GENERAL SUMMARY					\$
A	SUBSTRUCTURE	0%	\$0.00 /SF		0
B	SHELL	2%	\$2.00 /SF		41,488
C	INTERIORS	12%	\$11.83 /SF		245,465
D	SERVICES	75%	\$75.79 /SF		1,572,187
E	EQUIPMENT & FURNISHINGS	0%	\$0.00 /SF		0
F	SPECIAL CONSTRUCTION & DEMOLITION	0%	\$0.00 /SF		0
G	BUILDING SITEWORK	12%	\$11.74 /SF		243,575
			\$101.36 /SF		<u>2,102,715</u>
Z10	GENERAL CONDITIONS & PROFIT		12.0%		252,326
			\$113.53 /SF		<u>2,355,041</u>
Z20	DESIGN & PRICE RESERVE		15.0%		353,256
			\$130.56 /SF		<u>2,708,297</u>
Z20	ESCALATION TO BID DATE	Nov-09	2.89%		78,270
			\$134.33 /SF		<u>2,786,567</u>
Z20	BOND		1.34%		37,340
	TOTAL COS'		\$136.13 /SF		<u><u>\$2,823,907</u></u>

PROJECT: RUSSELL STREET ELEMENTARY SCHOOL
 LITTLETON, MA
 PREFERRED OPTION B5 - PHASE 2

GFA 20,744 SF



Code	Item Description	Quantity	Unit	Price	Total
B	SHELL				\$
B 10	SUPERSTRUCTURE				
B 10	10.000 FLOOR CONSTRUCTION				
	10.210 Upper Floors Construction				
	10.220 seismic clipping, hangers, stiffeners, supports & bracing	20,744	sf	2.00	41,488
B	SHELL	TOTAL COS'	\$2.00 /SF		\$41,488



Code	Item Description	Quantity	Unit	Price	Total	
C	INTERIORS				\$	
C 10	INTERIOR CONSTRUCTION					
C 10	20.000 INTERIOR DOORS					
	20.310 Interior Door Hardware					
	20.312 accessibility upgrades hardware	20,744	sf	1.50	31,116	
C 30	INTERIOR FINISHES					
C 30	10.000 WALL FINISHES					
	10.210 Wall Finishes to Interior Walls					
	10.211 prepare & repaint all existing painted surfaces	20,744	sf	2.40	49,786	
C 30	20.000 FLOOR FINISHES					
	20.410 Flooring					
	20.411 vct & base	20,744	sf	2.33	48,334	
C 30	30.000 CEILING FINISHES					
	30.210 Suspended Ceilings & Grid					
	30.211 acoustical tile 2x2 lay-in	30.0%	6,223	sf	4.51	28,066
	30.212 acoustical tile 2x4 lay-in	70.0%	14,521	sf	2.50	36,303
	30.311 temporary ceilings as required		20,744	sf	2.50	51,860
C	INTERIORS	TOTAL COS'	\$11.83	/SF	\$245,465	

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 PREFERRED OPTION B5 - PHASE 2

GFA 20,744 SF



Code	Item Description	Quantity	Unit	Price	Total
D	SERVICES				\$
D 20	PLUMBING (Engineer's Estimate)	20,744	sf	10.93	226,732
D 30	30.000 HVAC (Engineer's Estimate)	20,744	sf	33.51	695,131
D 40	40.000 FIRE PROTECTION				
D 40	10.000 SPRINKLERS				
	10.110 Sprinkler System				
	10.111 wet pipe sprinkler system	20,744	sf	4.46	92,518
D 50	ELECTRICAL (Engineer's Estimate)	20,744	sf	26.89	557,806
D	SERVICES	TOTAL COS'	\$75.79 /SF		\$1,572,187

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 PREFERRED OPTION B5 - PHASE 2

GFA 20,744 SF



Code	Item Description	Quantity	Unit	Price	Total
G	BUILDING SITEWORK				\$
G 10	SITE PREPERATION				
G 10	20.000 SITE DEMOLITION AND RELOCATION				
	20.110 Building Demolition				
	20.120 remove existing ceilings	20,744	sf	0.44	9,127
	20.121 remove temporary ceilings	20,744	sf	0.44	9,127
	20.122 remove existing floor coverings	20,744	sf	0.97	20,122
	20.123 remove existing plumbing systems	20,744	sf	0.55	11,409
	20.124 remove existing mechanical installations	20,744	sf	1.68	34,850
	20.125 remove existing electrical systems	20,744	sf	1.34	27,797
	20.126 cut & patch for new MEP installations	20,744	sf	3.57	74,056
	20.129 demolish & remove temporary connector	1,937	sf	4.33	8,387
	20.130 premium for disposal of demolished materials	1	ls	48,700.00	48,700
G	BUILDING SITEWORK	TOTAL COS'	\$11.74 /SF		\$243,575



Code	Item Description	Quantity	Unit	Price	Total
GENERAL SUMMARY					\$
A	SUBSTRUCTURE	0%	\$0.00 /SF		0
B	SHELL	2%	\$2.00 /SF		38,934
C	INTERIORS	10%	\$10.33 /SF		201,128
D	SERVICES	77%	\$75.79 /SF		1,475,404
E	EQUIPMENT & FURNISHINGS	0%	\$0.00 /SF		0
F	SPECIAL CONSTRUCTION & DEMOLITION	0%	\$0.00 /SF		0
G	BUILDING SITEWORK	11%	\$10.69 /SF		208,043
			\$98.81 /SF		<u>1,923,509</u>
Z10	GENERAL CONDITIONS & PROFIT			12.0%	230,821
			\$110.67 /SF		<u>2,154,330</u>
Z20	DESIGN & PRICE RESERVE			15.0%	323,150
			\$127.27 /SF		<u>2,477,480</u>
Z20	ESCALATION TO BID DATE	Apr-10		4.53%	112,230
			\$133.03 /SF		<u>2,589,710</u>
Z20	BOND			1.34%	34,702
	TOTAL COS*		\$134.81 /SF		<u><u>\$2,624,412</u></u>

PROJECT: RUSSELL STREET ELEMENTARY SCHOOL
 LITTLETON, MA
 PREFERRED OPTION B5 - PHASE 3

GFA 19,467 SF



Code	Item Description	Quantity	Unit	Price	Total
B	SHELL				\$
B 10	SUPERSTRUCTURE				
B 10	10.000 FLOOR CONSTRUCTION				
	10.210 Upper Floors Construction				
	10.220 seismic clipping, hangers, stiffeners, supports & bracing	19,467	sf	2.00	38,934
B	SHELL	TOTAL COS'	\$2.00 /SF		\$38,934



Code	Item Description	Quantity	Unit	Price	Total	
C	INTERIORS				\$	
C 10	INTERIOR CONSTRUCTION					
C 10 20.000	INTERIOR DOORS					
	20.310 Interior Door Hardware					
	20.312 accessibility upgrades hardware	19,467	sf	1.50	29,201	
C 30	INTERIOR FINISHES					
C 30 10.000	WALL FINISHES					
	10.210 Wall Finishes to Interior Walls					
	10.211 prepare & repaint all existing painted surfaces	19,467	sf	2.40	46,721	
	10.215 ceramic tile walls	630	sf	14.02	8,833	
C 30 20.000	FLOOR FINISHES					
	20.410 Flooring					
	20.411 vct & base	18,207	sf	2.33	42,422	
	20.415 ceramic mosaic tile floor	1,260	sf	10.75	13,545	
C 30 30.000	CEILING FINISHES					
	30.210 Suspended Ceilings & Grid					
	30.211 acoustical tile 2x2 lay-in	30.0%	5,840	sf	4.51	26,338
	30.212 acoustical tile 2x4 lay-in	70.0%	13,627	sf	2.50	34,068
C	INTERIORS	TOTAL COS'	\$10.33 /SF		\$201,128	

PROJECT: RUSSELL STREET ELEMENTARY SCHOOL
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 PREFERRED OPTION B5 - PHASE 3

GFA 19,467 SF



Code	Item Description	Quantity	Unit	Price	Total
D	SERVICES				\$
D 20	PLUMBING (Engineer's Estimate)	19,467	sf	10.93	212,774
D 30	30.000 HVAC (Engineer's Estimate)	19,467	sf	33.51	652,339
D 40	40.000 FIRE PROTECTION				
D 40	10.000 SPRINKLERS				
	10.110 Sprinkler System				
	10.111 wet pipe sprinkler system	19,467	sf	4.46	86,823
D 50	ELECTRICAL (Engineer's Estimate)	19,467	sf	26.89	523,468
D	SERVICES	TOTAL COS'	\$75.79 /SF		\$1,475,404



Code	Item Description	Quantity	Unit	Price	Total
G	BUILDING SITEWORK				\$
G 10	SITE PREPERATION				
G 10	20.000 SITE DEMOLITION AND RELOCATION				
	20.110 Building Demolition				
	20.120 remove existing ceilings	19,467	sf	0.44	8,565
	20.121 remove existing floor coverings	19,467	sf	0.97	18,883
	20.121 remove existing plumbing systems	19,467	sf	0.55	10,707
	20.122 remove existing mechanical installations	19,467	sf	1.68	32,705
	20.123 remove existing electrical systems	19,467	sf	1.34	26,086
	20.124 cut & patch for new MEP installations	19,467	sf	3.57	69,497
	20.128 premium for disposal of demolished materials	1	ls	41,600.00	41,600
G	BUILDING SITEWORK	TOTAL COS'	\$10.69 /SF		\$208,043



Code	Item Description	Quantity	Unit	Price	Total
GENERAL SUMMARY					\$
A	SUBSTRUCTURE	0%	\$0.00 /SF		0
B	SHELL	2%	\$2.00 /SF		42,920
C	INTERIORS	10%	\$9.33 /SF		200,286
D	SERVICES	77%	\$75.79 /SF		1,626,454
E	EQUIPMENT & FURNISHINGS	0%	\$0.00 /SF		0
F	SPECIAL CONSTRUCTION & DEMOLITION	0%	\$0.00 /SF		0
G	BUILDING SITEWORK	11%	\$10.90 /SF		233,961
			\$98.03 /SF		<u>2,103,621</u>
Z10	GENERAL CONDITIONS & PROFIT			12.0%	252,435
			\$109.79 /SF		<u>2,356,056</u>
Z20	DESIGN & PRICE RESERVE			15.0%	353,408
			\$126.26 /SF		<u>2,709,464</u>
Z20	ESCALATION TO BID DATE	Aug-10		5.97%	161,755
			\$133.79 /SF		<u>2,871,219</u>
Z20	BOND			1.34%	38,474
	TOTAL COS'		\$135.59 /SF		<u><u>\$2,909,693</u></u>

PROJECT: RUSSELL STREET ELEMENTARY SCHOOL
 LITTLETON, MA
 PREFERRED OPTION B5 - PHASE 4

GFA 21,460 SF



Code	Item Description	Quantity	Unit	Price	Total
B	SHELL				\$
B 10	SUPERSTRUCTURE				
B 10	10.000 FLOOR CONSTRUCTION				
	10.210 Upper Floors Construction				
	10.220 seismic clipping, hangers, stiffeners, supports & bracing	21,460	sf	2.00	42,920
B	SHELL	TOTAL COS'	\$2.00 /SF		\$42,920



Code	Item Description	Quantity	Unit	Price	Total	
C	INTERIORS				\$	
C 10	INTERIOR CONSTRUCTION					
C 10 20.000	INTERIOR DOORS					
	20.310 Interior Door Hardware					
	20.312 accessibility upgrades hardware	21,460	sf	1.50	32,190	
C 30	INTERIOR FINISHES					
C 30 10.000	WALL FINISHES					
	10.210 Wall Finishes to Interior Walls					
	10.211 prepare & repaint all existing painted surfaces	21,460	sf	2.40	51,504	
C 30 20.000	FLOOR FINISHES					
	20.410 Flooring					
	20.411 vct & base	21,460	sf	2.33	50,002	
C 30 30.000	CEILING FINISHES					
	30.210 Suspended Ceilings & Grid					
	30.211 acoustical tile 2x2 lay-in	30.0%	6,438	sf	4.51	29,035
	30.212 acoustical tile 2x4 lay-in	70.0%	15,022	sf	2.50	37,555
C	INTERIORS	TOTAL COS'	\$9.33 /SF		\$200,286	

PROJECT: RUSSELL STREET ELEMENTARY SCHOOL
 LITTLETON, MA
 PREFERRED OPTION B5 - PHASE 4

GFA 21,460 SF



Code	Item Description	Quantity	Unit	Price	Total
D	SERVICES				\$
D 20	PLUMBING (Engineer's Estimate)	21,460	sf	10.93	234,558
D 30	30.000 HVAC (Engineer's Estimate)	21,460	sf	33.51	719,125
D 40	40.000 FIRE PROTECTION				
D 40	10.000 SPRINKLERS				
	10.110 Sprinkler System				
	10.111 wet pipe sprinkler system	21,460	sf	4.46	95,712
D 50	ELECTRICAL (Engineer's Estimate)	21,460	sf	26.89	577,059
D	SERVICES	TOTAL COS'	\$75.79 /SF		\$1,626,454



Code	Item Description	Quantity	Unit	Price	Total
G	BUILDING SITEWORK				\$
G 10	SITE PREPERATION				
G 10	20.000 SITE DEMOLITION AND RELOCATION				
	20.110 Building Demolition				
	20.120 remove existing ceilings	21,460	sf	0.44	9,442
	20.121 remove existing floor coverings	21,460	sf	0.97	20,816
	20.121 remove existing plumbing systems	21,460	sf	0.55	11,803
	20.122 remove existing mechanical installations	21,460	sf	1.68	36,053
	20.123 remove existing electrical systems	21,460	sf	1.34	28,756
	20.124 cut & patch for new MEP installations	21,460	sf	3.57	76,612
	20.127 demo temporary classrooms	1,247	sf	2.95	3,679
	20.128 premium for disposal of demolished materials	1	ls	46,800.00	46,800
G	BUILDING SITEWORK	TOTAL COS'	\$10.90 /SF		\$233,961



Code	Item Description	Quantity	Unit	Price	Total
GENERAL SUMMARY					\$
A	SUBSTRUCTURE	1%	\$1.44 /SF		13,857
B	SHELL	2%	\$2.40 /SF		23,112
C	INTERIORS	9%	\$11.33 /SF		109,008
D	SERVICES	67%	\$82.32 /SF		791,631
E	EQUIPMENT & FURNISHINGS	7%	\$8.84 /SF		85,000
F	SPECIAL CONSTRUCTION & DEMOLITION	3%	\$3.56 /SF		34,237
G	BUILDING SITEWORK	11%	\$13.88 /SF		133,500
			\$123.78 /SF		<u>1,190,345</u>
Z10	GENERAL CONDITIONS & PROFIT		12.0%		142,841
			\$138.63 /SF		<u>1,333,186</u>
Z20	DESIGN & PRICE RESERVE		15.0%		199,978
			\$159.42 /SF		<u>1,533,164</u>
Z20	ESCALATION TO BID DATE	Nov-10	7.00%		107,321
			\$170.58 /SF		<u>1,640,485</u>
Z20	BOND		1.34%		21,982
	TOTAL COS*		\$172.87 /SF		<u><u>\$1,662,467</u></u>



Code	Item Description	Quantity	Unit	Price	Total
A	SUBSTRUCTURE				\$
A 10	FOUNDATIONS				
10	10.000 STANDARD FOUNDATIONS				
	10.110 Continuous Footings				
	10.117 elevator mat - concrete	4	cy	172.69	691
	10.118 elevator mat - edge forms	27	sf	6.86	185
	10.119 elevator pit walls concrete	4	cy	177.12	708
	10.120 elevator mat rebar	1.30	tons	2,421.30	3,148
	10.121 elevator pit walls forms	221	sf	14.69	3,246
	10.122 elevator pit walls rebar	0.25	tons	2,052.34	513
	10.123 key joint	33	lf	1.58	52
	10.124 reglet	33	lf	1.75	58
	10.125 waterproofing	219	sf	6.57	1,439
	10.126 waterproof piston sleeve	1	ea	763.81	764
	10.127 bentonite waterproofing strip	33	lf	6.78	224
	10.128 elevator pit sump	1	ea	1,934.18	1,934
A 20	BASEMENT CONSTRUCTION				
A 20	10.000 BASEMENT EXCAVATION				
	10.110 Building Excavation and Backfill				
	10.114 pit excavation inside existing building	8	cy	73.73	590
	10.119 backfill & compaction inside existing building	2	cy	63.90	128
	10.120 disposal off site	6	cy	29.49	177
A	SUBSTRUCTURE	TOTAL COS'	\$1.44 /SF		\$13,857



Code	Item Description	Quantity	Unit	Price	Total	
B	SHELL				\$	
B 10	SUPERSTRUCTURE					
B 10	10.000 FLOOR CONSTRUCTION					
	10.210 Upper Floors Construction					
	10.220 seismic clipping, hangers, stiffeners, supports & bracing	9,617	sf	2.00	19,234	
B 30	ROOFING					
B 30	20.000 ROOF OPENINGS					
	20.310 Gravity Roof Ventilators/Elevator Penthouse					
	20.311 2 hour shaftwall curb	elevator PH	44	sf	8.53	375
	20.312 rubber gasket	elevator PH	11	lf	3.05	34
	20.313 1/2" plywood sheathing	elevator PH	33	sf	3.00	99
	20.314 fully adhered membrane roof	elevator PH	33	sf	4.65	153
	20.315 aluminum elevator penthouse roof	elevator PH	8	sf	68.76	550
	20.316 motorized control damper	4x2	4	sf	42.72	171
	20.317 elevator shaft window	elevator PH	6	sf	63.18	379
	20.318 stormproof louver & screen	elevator PH	23	sf	61.72	1,420
	20.319 shaft grate	elevator PH	4	sf	40.77	163
	20.320 shaft grate L frame	elevator PH	11	lf	48.52	534
B	SHELL	TOTAL COS'	\$2.40	/SF	\$23,112	



Code	Item Description	Quantity	Unit	Price	Total
C	INTERIORS				\$
C 10	INTERIOR CONSTRUCTION				
C 10	10.000 PARTITIONS				
	10.110 Fixed Partitions				
	10.111 5/8" abuse resistant board w/level 5 finish	672 sf		2.59	1,740
	10.116 7/8" resilient channels	672 sf		2.11	1,418
	10.134 8" cmu elevator shaft	672 sf		22.89	15,382
C 30	INTERIOR FINISHES				
C 30	10.000 WALL FINISHES				
	10.210 Wall Finishes to Interior Walls				
	10.211 prepare & repaint all existing painted surfaces	9,617 sf		2.40	23,081
	10.218 paint partitions	drywall 672 sf		1.06	712
C 30	20.000 FLOOR FINISHES				
	20.410 Flooring				
	20.411 vct & base	9,617 sf		2.33	22,408
C 30	30.000 CEILING FINISHES				
	30.210 Suspended Ceilings & Grid				
	30.211 acoustical tile 2x2 lay-in	30.0% 2,885 sf		4.51	13,011
	30.212 acoustical tile 2x4 lay-in	70.0% 6,732 sf		2.50	16,830
C	INTERIORS	TOTAL COS'	\$11.33 /SF		\$109,008



Code	Item Description	Quantity	Unit	Price	Total
D	SERVICES				\$
D 10	CONVEYING				
D 10	10.000 ELEVATORS AND LIFTS				
	10.110 Passenger Elevators				
	10.111 elevator - 2 stops	1	ea	61,053.74	61,054
	10.112 misc. metal work for elevator	1	ea	1,587.84	1,588
	10.113 elevator pit ladder	1	lf	116.44	116
D 20	PLUMBING (Engineer's Estimate)	9,617	sf	10.93	105,114
D 30	30.000 HVAC (Engineer's Estimate)	9,617	sf	33.51	322,266
D 40	40.000 FIRE PROTECTION				
D 40	10.000 SPRINKLERS				
	10.110 Sprinkler System				
	10.111 wet pipe sprinkler system	9,617	sf	4.46	42,892
D 50	ELECTRICAL (Engineer's Estimate)	9,617	sf	26.89	258,601
D	SERVICES	TOTAL COS'	\$82.32 /SF		\$791,631

PROJECT: RUSSELL STREET ELEMENTARY SCHOOL
 LITTLETON, MA
 PREFERRED OPTION B5 - PHASE 5

GFA 9,617 SF



Code	Item Description	Quantity	Unit	Price	Total
E	EQUIPMENT AND FURNISHINGS				\$
E 10	EQUIPMENT				
E 10	10.000 COMMERCIAL EQUIPMENT				
	10.810 Kitchen Equipment				
	10.811 replace defective equipment (Consultant's Estimate)	1	ls	85,000.00	85,000
E	EQUIPMENT AND FURNISHINGS	TOTAL COS'	\$8.84 /SF		\$85,000

PROJECT: RUSSELL STREET ELEMENTARY SCHOOL
 LITTLETON, MA
 PREFERRED OPTION B5 - PHASE 5

GFA 9,617 SF



Code	Item Description	Quantity	Unit	Price	Total
F	SPECIAL CONSTRUCTION AND DEMOLITION				\$
F 20	20.000 HAZARDOUS COMPONENTS ABATMENT				
	20.110 Removal of Hazardous Components				
	20.111 pre-demolition abatement (Engineer's Estimate)	9,617	sf	3.56	34,237
F	SPECIAL CONSTRUCTION AND DEMOLITION TOTAL COS'	\$3.56	/SF		\$34,237



Code	Item Description	Quantity	Unit	Price	Total
G	BUILDING SITEWORK				\$
G 10	SITE PREPERATION				
G 10	20.000 SITE DEMOLITION AND RELOCATION				
	20.110 Building Demolition				
	20.120 remove existing ceilings	9,617	sf	0.44	4,231
	20.121 remove existing floor coverings	9,617	sf	0.97	9,328
	20.121 remove existing plumbing systems	9,617	sf	0.55	5,289
	20.122 remove existing mechanical installations	9,617	sf	1.68	16,157
	20.123 remove existing electrical systems	9,617	sf	1.34	12,887
	20.124 cut & patch for new MEP installations	9,617	sf	3.57	34,333
	20.127 cutout demilition for new elevator installation	1	ea	24,575.00	24,575
	20.128 premium for disposal of demolished materials	1	ls	26,700.00	26,700
G	BUILDING SITEWORK	TOTAL COS'	\$13.88 /SF		<u>\$133,500</u>