

Date Board Approved	Nov-12		Oct-13		Oct-13		Jan-14		Mar-14		Mar-14		Jan-15		Mar-15	
District	South Hadley		Athol-Royalston		Newton		Gloucester		Milford		Northborough		Worcester		Woburn	
School Name	Plains ES		Athol Community ES		A E Angier		West Parish		Woodland		Lincoln Street		Nelson Place		Wyman	
Enrollment	270		545		465		355		985		270		600		410	
Project Type	Core Program		Core Program		Core Program		Core Program		Core Program		Core Program		Core Program		Core Program	
Project Scope	New Construction		New Construction		New Construction		New Construction		New Construction		Addition / Renovation		New Construction		New Construction	
Designer	Jones Whitsett Architects, Inc.		Mount Vernon Group Architects, Inc.		DiNisco Design, Inc.		Dore & Whittier Architects, Inc.		HMFH Architects, Inc.		Lamoureux Pagano Associates Architects, Inc.		Lamoureux Pagano Associates Architects, Inc.		DiNisco Design, Inc.	
OPM	Arcadis U.S., Inc.		Symmes Maini & McKee Associates		NV5 (fka Joslin, Lesser + Associates Inc.)		Knight, Bagge & Anderson Inc.		NV5 (fka Joslin, Lesser + Associates Inc.)		Colliers Project Leaders NE, LLC		Tishman Construction Corporation of MA		Municipal Building Consultants, Inc.	
General Contractor	Fontaine Brothers, Inc.		Fontaine Brothers, Inc.		W. T. Rich Company Inc.		W. T. Rich Company Inc.		Shawmut Design and Construction		Brait Builders Corp.		Fontaine Brothers, Inc.		CTA Construction Co., Inc.	
DBB or CMR	DBB		DBB		CMR		CMR		CMR		DBB		CMR		DBB	
GC Bids Received or GMP Executed	04/23/14		11/25/14		12/15/14		01/08/15		12/17/14		05/01/15		06/16/16		12/20/16	
GSF	63,377		95,726		74,960		65,679		132,539		52,920		111,256		70,700	
Description	Bid Data		Bid Data		Bid Data		Bid Data		Bid Data		Bid Data		Bid Data		Bid Data	
	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost
General Requirements Subgroup																
1 General Requirements	\$1,255,237	\$20	\$1,163,000	\$12	\$1,887,900	\$25	\$2,318,334	\$35	\$3,111,906	\$23	\$907,489	\$17	\$3,185,751	\$29	\$1,417,092	\$20
GMP - Fee					\$540,000	\$7	\$644,052	\$10	\$900,000	\$7			\$1,057,500	\$10		
GMP - Insurance					\$421,992	\$6	\$459,904	\$7	\$806,194	\$6			\$641,529	\$6		
GMP - Contingency					\$446,371	\$6	\$591,751	\$9	\$696,379	\$5			\$1,000,000	\$9		
Facilities Construction Subgroup																
2 Existing Conditions	\$400,000	\$6			\$670,548	\$9	\$1,062,448	\$16	\$814,795	\$6	\$1,180,000	\$22	\$1,200,000	\$11		
3 Concrete	\$1,863,000	\$29	\$2,300,000	\$24	\$1,263,751	\$17	\$1,535,272	\$23	\$2,194,631	\$17	\$1,100,000	\$21	\$2,714,713	\$24	\$2,057,500	\$29
4 Masonry	\$1,428,000	\$23	\$2,634,000	\$28	\$1,194,000	\$16	\$2,433,000	\$37	\$1,233,000	\$9	\$546,000	\$10	\$1,452,555	\$13	\$1,426,000	\$20
5 Metals	\$2,322,000	\$37	\$3,444,915	\$36	\$2,154,374	\$29	\$2,077,022	\$32	\$3,926,765	\$30	\$1,506,000	\$28	\$2,666,250	\$24	\$2,959,500	\$42
6 Wood, Plastics and Composites	\$1,238,000	\$20	\$565,000	\$6	\$1,339,700	\$18	\$1,019,373	\$16	\$886,840	\$7	\$519,410	\$10	\$502,003	\$5	\$505,000	\$7
7 Thermal and Moisture Protection	\$1,505,220	\$24	\$2,150,800	\$22	\$2,530,525	\$34	\$1,754,698	\$27	\$3,874,400	\$29	\$1,344,500	\$25	\$2,398,250	\$22	\$2,038,600	\$29
8 Openings	\$838,739	\$13	\$1,921,173	\$20	\$1,510,761	\$20	\$1,613,216	\$25	\$2,975,569	\$22	\$921,712	\$17	\$1,727,316	\$16	\$1,749,912	\$25
9 Finishes	\$1,818,196	\$29	\$3,395,687	\$35	\$2,912,957	\$39	\$3,060,206	\$47	\$5,922,819	\$45	\$2,218,444	\$42	\$4,767,482	\$43	\$3,458,886	\$49
10 Specialties	\$360,000	\$6	\$244,000	\$3	\$124,694	\$2	\$139,298	\$2	\$650,667	\$5	\$114,000	\$2	\$343,303	\$3	\$151,400	\$2
11 Equipment	\$175,000	\$3	\$270,000	\$3	\$266,879	\$4	\$351,061	\$5	\$490,459	\$4	\$486,900	\$9	\$653,567	\$6	\$242,000	\$3
12 Furnishings	\$66,000	\$1	\$355,000	\$4	\$46,000	\$1	\$111,902	\$2	\$1,177,480	\$9	\$43,000	\$1	\$566,564	\$5	\$238,600	\$3
13 Special Construction							\$15,099	\$0								
14 Conveying Systems	\$79,500	\$1	\$84,700	\$1	\$147,880	\$2	\$153,600	\$2	\$124,700	\$1			\$220,000	\$2	\$175,000	\$2
Facilities Services Subgroup																
21 Fire Suppression	\$233,252	\$4	\$268,225	\$3	\$350,750	\$5	\$286,300	\$4	\$524,000	\$4	\$222,000	\$4	\$357,900	\$3	\$267,409	\$4
22 Plumbing	\$743,000	\$12	\$1,123,000	\$12	\$927,000	\$12	\$984,000	\$15	\$1,462,000	\$11	\$770,000	\$15	\$1,476,850	\$13	\$885,600	\$13
23 HVAC	\$2,002,900	\$32	\$3,000,200	\$31	\$2,642,000	\$35	\$2,450,000	\$37	\$4,933,800	\$37	\$1,839,000	\$35	\$2,887,000	\$26	\$3,289,000	\$47
26 Electrical	\$1,575,854	\$25	\$1,866,934	\$20	\$2,169,000	\$29	\$2,650,158	\$40	\$4,484,000	\$34	\$2,884,000	\$54	\$4,726,586	\$42	\$2,318,000	\$33
27 Communications	\$470,815	\$7	\$803,566	\$8	\$72,936	\$1										
28 Electronic Safety and Security	\$275,331	\$4	\$159,000	\$2	\$183,820	\$2										
25 Integrated Automation	\$386,100	\$6	\$272,800	\$3												
Site and Infrastructure Subgroup																
31 Earthwork	\$1,567,000	\$25	\$3,763,000	\$39	\$571,833	\$8	\$2,090,145	\$32	\$4,960,000	\$37	\$1,574,000	\$30	\$9,174,246	\$82	\$1,559,047	\$22
32 Exterior Improvements	\$355,000	\$6	\$572,000	\$6	\$1,122,830	\$15	\$747,927	\$11	\$2,224,697	\$17	\$273,545	\$5	\$514,658	\$5	\$870,500	\$12
33 Utilities	\$433,000	\$7	\$1,237,000	\$13	\$712,115	\$9	\$1,446,700	\$22							\$410,000	\$6
Total Construction Cost	\$21,391,144		\$31,594,000		\$26,210,616		\$29,995,466		\$48,375,101		\$18,450,000		\$44,234,023		\$26,019,046	
\$/GSF	\$338		\$330		\$350		\$457		\$365		\$349		\$398		\$368	
CMR Preconstruction Services					\$123,600		\$140,000		\$140,000				\$108,650			
Total Cost (with Precon. Services)	\$21,391,144		\$31,594,000		\$26,334,216		\$30,135,466		\$48,515,101		\$18,450,000		\$44,342,673		\$26,019,046	
Total Cost - Alternates					\$3,948,259											
Total Cost (with Alternates)	\$21,391,144		\$31,594,000		\$30,158,875		\$29,995,466		\$48,375,101		\$18,450,000		\$44,234,023		\$26,019,046	
Building Cost (Div3 thru 28)	\$17,380,907	\$274	\$24,859,000	\$260	\$19,837,027	\$265	\$20,634,205	\$314	\$34,861,130	\$263	\$14,514,966	\$274	\$27,460,339	\$247	\$21,762,407	\$308
Mark-up Cost (Section 1)	\$1,255,237	\$20	\$1,163,000	\$12	\$3,296,263	\$44	\$4,014,041	\$61	\$5,514,479	\$42	\$907,489	\$17	\$5,884,780	\$53	\$1,417,092	\$20
GMP Contingency as % of Total Con Cost					1.70%		1.97%		1.44%				2.26%			

Information as of:
December 2023 Board Meeting

Date Board Approved	Aug-15	Sep-15	Nov-15	Nov-15	Jan-16	Jul-16	Jul-16	Nov-16
District	New Bedford	Hopkinton	Carver	Narragansett	Granby	Hanover	Needham	Bourne
School Name	John Hannigan	Center	Carver ES	Templeton Center	West Street	Sylvester	Hillside ES	Peebles ES
Enrollment	400	395	750	580	430	560	430	460
Project Type	Core Program	Core Program	Core Program	Core Program	Core Program	Core Program	Core Program	Core Program
Project Scope	New Construction	New Construction	New Construction	New Construction	Addition / Renovation	Addition / Renovation	New Construction	New Construction
Designer	Turowski2 Architecture, Inc.	Drumme y Rosane Anderson, Inc.	HMFH Architects, Inc.	Symmes Maini & McKee Associates, Inc.	Jones Whitsett Architects, Inc.	Mount Vernon Group Architects, Inc.	Dore & Whittier Architects, Inc.	Flansburgh Associates, Inc.
OPM	CHA Consulting, Inc.	Compass Project Management, Inc.	PMA Consultants, LLC	Colliers Project Leaders NE, LLC	Colliers Project Leaders NE, LLC	P3 Inc.	Owner Employee	Symmes Maini & McKee Associates, Inc.
General Contractor	H.V. Collins Co., Inc.	Colantonio, Inc.	CTA Construction Co., Inc.	Fontaine Brothers, Inc.	Fontaine Brothers, Inc.	Brait Builders Corp.	Bacon Construction Co, Inc.	Brait Builders Corp.
DBB or CMR	DBB	CMR	DBB	DBB	DBB	DBB	DBB	DBB
GC Bids Received or GMP Executed	07/14/16	12/06/16	09/19/16	10/11/17	01/26/17	06/30/17	09/27/17	11/21/17
GSF	74,051	88,756	112,350	92,735	68,760	97,099	90,975	73,348
Description	Bid Data		Bid Data		Bid Data		Bid Data	
	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost
General Requirements Subgroup								
1 General Requirements	\$2,852,179	\$39	\$2,993,572	\$34	\$2,194,903	\$20	\$1,437,500	\$16
GMP - Fee			\$856,803	\$10				
GMP - Insurance			\$399,876	\$5				
GMP - Contingency			\$777,879	\$9				
Facilities Construction Subgroup								
2 Existing Conditions	\$542,895	\$7			\$1,095,525	\$10	\$255,000	\$3
3 Concrete	\$1,092,945	\$15	\$1,732,756	\$20	\$1,841,003	\$16	\$2,542,874	\$27
4 Masonry	\$774,000	\$10	\$1,308,000	\$15	\$935,000	\$8	\$780,000	\$8
5 Metals	\$2,806,000	\$38	\$2,058,480	\$23	\$3,339,293	\$30	\$3,541,850	\$38
6 Wood, Plastics and Composites	\$1,632,000	\$22	\$75,700	\$1	\$831,800	\$7	\$694,300	\$7
7 Thermal and Moisture Protection	\$3,012,816	\$41	\$1,539,143	\$17	\$3,507,815	\$31	\$3,103,885	\$33
8 Openings	\$1,910,480	\$26	\$1,826,668	\$21	\$3,091,247	\$28	\$1,913,518	\$21
9 Finishes	\$3,530,200	\$48	\$3,659,492	\$41	\$4,873,077	\$43	\$4,025,105	\$43
10 Specialties	\$520,278	\$7	\$429,461	\$5	\$698,303	\$6	\$281,368	\$3
11 Equipment	\$439,549	\$6	\$1,097,223	\$12	\$591,317	\$5	\$720,000	\$8
12 Furnishings	\$98,085	\$1	\$22,000	\$0	\$922,994	\$8	\$369,000	\$4
13 Special Construction								
14 Conveying Systems	\$213,500	\$3	\$121,308	\$1	\$108,900	\$1	\$188,600	\$2
Facilities Services Subgroup								
21 Fire Suppression	\$318,450	\$4	\$632,470	\$7	\$735,000	\$7	\$495,000	\$5
22 Plumbing	\$1,060,000	\$14	\$1,128,400	\$13	\$1,524,850	\$14	\$1,497,000	\$16
23 HVAC	\$2,188,000	\$30	\$2,888,000	\$33	\$3,523,700	\$31	\$3,271,500	\$35
26 Electrical	\$2,625,000	\$35	\$2,755,000	\$31	\$3,338,000	\$30	\$2,196,935	\$24
27 Communications							\$521,523	\$6
28 Electronic Safety and Security							\$161,042	\$2
25 Integrated Automation							\$632,500	\$7
Site and Infrastructure Subgroup								
31 Earthwork	\$2,109,105	\$28	\$6,747,480	\$76	\$3,088,913	\$27	\$1,873,000	\$20
32 Exterior Improvements					\$1,383,433	\$12	\$565,000	\$6
33 Utilities					\$209,481	\$2	\$1,152,000	\$12
Total Construction Cost	\$27,725,482		\$33,049,711		\$37,834,554		\$32,218,500	
\$/GSF	\$374		\$372		\$337		\$347	
CMR Preconstruction Services			\$100,000					
Total Cost (with Precon. Services)	\$27,725,482		\$33,149,711		\$37,834,554		\$32,218,500	
Total Cost - Alternates	\$54,998						\$334,000	
Total Cost (with Alternates)	\$27,780,480		\$33,049,711		\$37,834,554		\$32,552,500	
Building Cost (Div3 thru 28)	\$22,221,303	\$300	\$21,274,101	\$240	\$29,862,299	\$266	\$26,936,000	\$290
Mark-up Cost (Section 1)	\$2,852,179	\$39	\$5,028,130	\$57	\$2,194,903	\$20	\$1,437,500	\$16
GMP Contingency as % of Total Con Cost			2.35%					

Information as of:
December 2023 Board Meeting

Date Board Approved	Nov-16		May-17		Jun-17		Aug-17		Feb-18		Feb-18		Apr-18		Apr-18	
District	Newton		Millis		Triton		Lexington		Ludlow		Taunton		Harvard		Marlborough	
School Name	Cabot		Clyde F Brown		Pine Grove		Maria Hastings		Chapin Street ES		Mulcahey ES		Hildreth ES		Richer	
Enrollment	480		515		415		645		630		735		445		610	
Project Type	Core Program		Core Program		Core Program		Core Program		Core Program		Core Program		Core Program		Core Program	
Project Scope	Addition / Renovation		New Construction		Addition / Renovation		New Construction		New Construction		New Construction		New Construction		New Construction - Model School	
Designer	DiNisco Design, Inc.		Tappe Architects, Inc.		Dore & Whittier Architects, Inc.		DiNisco Design, Inc.		Mount Vernon Group Architects, Inc.		Dore & Whittier Architects, Inc.		Arrowstreet Inc.		Mount Vernon Group Architects, Inc.	
OPM	NV5 (fka Joslin, Lesser + Associates Inc.)		Compass Project Management, Inc.		Anser Advisory		Dore & Whittier Management Partners, Inc.		STV DPM (fka STV Inc.)		CGA Project Management		NV5 (fka Joslin, Lesser + Associates Inc.)		CHA Consulting, Inc.	
General Contractor	W. T. Rich Company Inc.		Bacon-Agostini Construction Joint Venture		W. T. Rich Company Inc.		Walsh Brothers, Inc.		Fontaine Brothers, Inc.		Agostini Construction Co., Inc.		Shawmut Design and Construction		Fontaine Brothers, Inc.	
DBB or CMR	CMR		CMR		CMR		CMR		DBB		DBB		CMR		DBB	
GC Bids Received or GMP Executed	06/21/18		02/26/18		04/09/18		02/05/19		05/14/19		01/25/19		07/18/19		10/24/18	
GSF	83,913		89,852		87,674		110,000		106,250		119,693		85,214		111,437	
Description	Bid Data		Bid Data		Bid Data		Bid Data		Bid Data		Bid Data		Bid Data		Bid Data	
	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost
General Requirements Subgroup																
1 General Requirements	\$3,415,945	\$41	\$3,208,577	\$36	\$3,222,681	\$37	\$5,121,718	\$47	\$1,809,813	\$17	\$1,664,575	\$14	\$4,156,081	\$49	\$1,135,100	\$10
GMP - Fee	\$725,000	\$9	\$979,700	\$11	\$603,982	\$7	\$1,038,693	\$9					\$923,591	\$11		
GMP - Insurance	\$465,221	\$6	\$361,678	\$4	\$402,398	\$5	\$1,123,675	\$10					\$910,928	\$11		
GMP - Contingency	\$530,000	\$6	\$808,785	\$9	\$1,873,056	\$21	\$1,298,299	\$12					\$826,659	\$10		
Facilities Construction Subgroup																
2 Existing Conditions	\$1,074,975	\$13	\$1,483,760	\$17	\$1,077,300	\$12	\$868,086	\$8	\$600,000	\$6	\$1,525,584	\$13	\$1,065,130	\$12		
3 Concrete	\$2,051,600	\$24	\$2,481,000	\$28	\$229,999	\$3	\$2,398,299	\$22	\$5,850,000	\$55	\$2,736,941	\$23	\$1,928,502	\$23	\$3,100,000	\$28
4 Masonry	\$2,110,619	\$25	\$1,912,000	\$21	\$375,000	\$4	\$1,543,000	\$14	\$2,215,000	\$21	\$3,684,000	\$31	\$1,674,000	\$20	\$3,162,000	\$28
5 Metals	\$2,960,300	\$35	\$2,687,519	\$30	\$816,963	\$9	\$4,494,130	\$41	\$5,136,000	\$48	\$3,525,000	\$29	\$4,243,846	\$50	\$4,272,525	\$38
6 Wood, Plastics and Composites	\$1,352,505	\$16	\$1,142,145	\$13	\$1,379,775	\$16	\$1,574,376	\$14	\$650,000	\$6	\$803,138	\$7	\$1,086,900	\$13	\$840,000	\$8
7 Thermal and Moisture Protection	\$2,372,048	\$28	\$3,606,844	\$40	\$1,538,605	\$18	\$3,289,493	\$30	\$1,907,661	\$18	\$3,094,635	\$26	\$1,979,600	\$23	\$2,541,500	\$23
8 Openings	\$2,379,339	\$28	\$1,965,245	\$22	\$1,509,609	\$17	\$2,330,274	\$21	\$2,231,667	\$21	\$2,125,815	\$18	\$2,939,767	\$34	\$2,247,517	\$20
9 Finishes	\$3,976,842	\$47	\$4,515,097	\$50	\$2,993,816	\$34	\$5,455,703	\$50	\$4,471,413	\$42	\$5,198,017	\$43	\$4,989,608	\$59	\$4,295,458	\$39
10 Specialties	\$238,595	\$3	\$278,863	\$3	\$332,471	\$4	\$783,076	\$7	\$473,000	\$4	\$256,196	\$2	\$345,156	\$4	\$363,000	\$3
11 Equipment	\$327,024	\$4	\$536,566	\$6	\$598,325	\$7	\$576,698	\$5	\$395,000	\$4	\$631,772	\$5	\$379,463	\$4	\$344,000	\$3
12 Furnishings	\$64,190	\$1	\$414,186	\$5	\$66,250	\$1	\$40,250	\$0	\$515,000	\$5	\$1,320,942	\$11	\$107,801	\$1	\$605,000	\$5
13 Special Construction																
14 Conveying Systems	\$164,762	\$2	\$162,000	\$2			\$197,880	\$2	\$123,750	\$1	\$196,600	\$2	\$150,504	\$2	\$118,000	\$1
Facilities Services Subgroup																
21 Fire Suppression	\$439,350	\$5	\$389,360	\$4	\$462,500	\$5	\$437,000	\$4	\$514,800	\$5	\$592,520	\$5	\$565,000	\$7	\$491,400	\$4
22 Plumbing	\$1,209,000	\$14	\$1,064,000	\$12	\$1,098,700	\$13	\$1,500,000	\$14	\$1,587,000	\$15	\$1,579,000	\$13	\$1,472,000	\$17	\$1,365,000	\$12
23 HVAC	\$4,221,250	\$50	\$2,985,000	\$33	\$3,974,500	\$45	\$5,809,000	\$53	\$3,034,814	\$29	\$3,899,000	\$33	\$4,653,000	\$55	\$3,327,000	\$30
26 Electrical	\$2,843,550	\$34	\$3,728,100	\$41	\$2,356,587	\$27	\$3,604,000	\$33	\$2,197,825	\$21	\$3,344,431	\$28	\$3,247,000	\$38	\$3,599,500	\$32
27 Communications	\$50,180	\$1			\$978,500	\$11			\$907,000	\$9	\$254,229	\$2				
28 Electronic Safety and Security	\$217,670	\$3			\$227,400	\$3			\$187,000	\$2	\$231,340	\$2				
25 Integrated Automation									\$904,186	\$9	\$599,000	\$5				
Site and Infrastructure Subgroup																
31 Earthwork	\$2,105,741	\$25	\$4,746,167	\$53	\$2,738,196	\$31	\$7,688,085	\$70	\$3,250,000	\$31	\$1,519,517	\$13	\$4,512,800	\$53	\$4,528,000	\$41
32 Exterior Improvements	\$949,912	\$11	\$1,791,447	\$20	\$1,335,136	\$15			\$855,000	\$8	\$2,142,521	\$18	\$838,402	\$10	\$705,000	\$6
33 Utilities							\$1,801,682	\$16	\$490,000	\$5	\$1,535,927	\$13			\$242,000	\$2
Total Construction Cost	\$36,245,618		\$41,248,039		\$30,191,749		\$52,973,417		\$40,305,929		\$42,460,700		\$42,995,738		\$37,282,000	
\$/GSF	\$432		\$459		\$344		\$482		\$379		\$355		\$505		\$335	
CMR Preconstruction Services	\$120,000		\$92,000		\$167,500		\$170,000						\$187,920			
Total Cost (with Precon. Services)	\$36,365,618		\$41,340,039		\$30,359,249		\$53,143,417		\$40,305,929		\$42,460,700		\$43,183,658		\$37,282,000	
Total Cost - Alternates	\$445,000								\$2,618,000							
Total Cost (with Alternates)	\$36,690,618		\$41,248,039		\$30,191,749		\$52,973,417		\$42,923,929		\$42,460,700		\$42,995,738		\$37,282,000	
Building Cost (Div3 thru 28)	\$26,978,824	\$322	\$27,867,925	\$310	\$18,939,000	\$216	\$34,033,179	\$309	\$33,301,116	\$313	\$34,072,576	\$285	\$29,762,147	\$349	\$30,671,900	\$275
Mark-up Cost (Section 1)	\$5,136,166	\$61	\$5,358,740	\$60	\$6,102,117	\$70	\$8,582,385	\$78	\$1,809,813	\$17	\$1,664,575	\$14	\$6,817,259	\$80	\$1,135,100	\$10
GMP Contingency as % of Total Con Cost	1.46%		1.96%		6.20%		2.45%						1.92%			

Information as of:
December 2023 Board Meeting

Date Board Approved	Jun-18		Aug-18		Oct-18		Dec-18		Dec-18		Feb-19		Feb-19		Feb-19	
District	Northbridge		Foxborough		Shrewsbury		Danvers		Wareham		Easthampton		Marblehead		Tewksbury	
School Name	W Edward Balmer		Mabelle M Burrell		Beal School		Ivan G Smith		Minot Forest		Maple		Elbridge Gerry		Louise Davy Trahan	
Enrollment	1,030		270		790		465		1,020		1,010		450		790	
Project Type	Core Program		Core Program		Core Program		Core Program		Core Program		Core Program		Core Program		Core Program	
Project Scope	New Construction		Addition / Renovation		New Construction		New Construction		New Construction		New Construction		New Construction		New Construction	
Designer	Dore & Whittier Architects, Inc.		Kaestle Boos Associates, Inc.		Lamoureux Pagano Associates Architects, Inc.		Tappe Architects, Inc.		Mount Vernon Group Architects, Inc.		Caolo & Bieniek Associates, Inc.		Raymond Design Associates, Inc.		Flansburgh Associates, Inc.	
OPM	Symmes Maini & McKee Associates, Inc.		Colliers Project Leaders NE, LLC		PMA Consultants, LLC		PMA Consultants, LLC		PMA Consultants, LLC		Colliers Project Leaders NE, LLC		Leftfield, LLC		Turner & Townsend Heery	
General Contractor	Fontaine Brothers, Inc.		CTA Construction Co., Inc.		Fontaine Brothers, Inc.		W. T. Rich Company Inc.		Bacon Construction Co, Inc.		Fontaine Brothers, Inc.		Gilbane Building Company		Consigli Construction Company, Inc.	
DBB or CMR	CMR		DBB		CMR		CMR		DBB		DBB		CMR		CMR	
GC Bids Received or GMP Executed	01/14/20		09/20/19		01/28/20		04/22/20		02/27/20		11/26/19		12/07/20		12/23/20	
GSF	167,352		61,455		142,113		82,540		159,989		177,370		81,935		139,457	
Description	Bid Data		Bid Data		Bid Data		Bid Data		Bid Data		Bid Data		Bid Data		Bid Data	
	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost
General Requirements Subgroup																
1 General Requirements	\$6,123,570	\$37	\$2,133,285	\$35	\$5,114,084	\$36	\$3,362,200	\$41	\$3,014,649	\$19	\$3,754,431	\$21	\$3,823,286	\$47	\$6,176,818	\$44
GMP - Fee	\$1,625,000	\$10			\$1,410,903	\$10	\$935,597	\$11					\$985,186	\$12	\$1,696,720	\$12
GMP - Insurance	\$1,293,726	\$8			\$1,146,811	\$8	\$691,528	\$8					\$1,772,441	\$22	\$1,981,273	\$14
GMP - Contingency	\$1,518,583	\$9			\$1,452,812	\$10	\$610,172	\$7					\$908,492	\$11	\$1,654,481	\$12
Facilities Construction Subgroup																
2 Existing Conditions	\$2,345,760	\$14	\$805,300	\$13	\$1,946,100	\$14	\$668,436	\$8	\$1,382,775	\$9	\$2,000,000	\$11	\$1,378,296	\$17	\$615,250	\$4
3 Concrete	\$3,893,761	\$23	\$1,455,221	\$24	\$4,448,500	\$31	\$2,962,000	\$36	\$3,381,961	\$21	\$5,500,000	\$31	\$2,116,077	\$26	\$4,781,576	\$34
4 Masonry	\$2,171,000	\$13	\$1,854,000	\$30	\$1,750,000	\$12	\$1,453,500	\$18	\$3,333,500	\$21	\$4,114,237	\$23	\$927,066	\$11	\$2,116,000	\$15
5 Metals	\$6,733,000	\$40	\$1,344,422	\$22	\$4,453,800	\$31	\$3,124,056	\$38	\$4,594,380	\$29	\$8,634,800	\$49	\$2,383,724	\$29	\$4,206,842	\$30
6 Wood, Plastics and Composites	\$1,466,055	\$9	\$778,275	\$13	\$2,696,513	\$19	\$321,196	\$4	\$1,254,440	\$8	\$1,500,000	\$8	\$1,819,307	\$22	\$1,441,832	\$10
7 Thermal and Moisture Protection	\$6,289,580	\$38	\$2,917,975	\$47	\$4,977,190	\$35	\$2,858,948	\$35	\$4,009,403	\$25	\$5,221,341	\$29	\$2,114,667	\$26	\$5,965,390	\$43
8 Openings	\$3,162,228	\$19	\$1,035,762	\$17	\$2,389,560	\$17	\$2,036,539	\$25	\$3,252,527	\$20	\$4,659,950	\$26	\$2,531,530	\$31	\$3,802,846	\$27
9 Finishes	\$9,660,879	\$58	\$2,501,874	\$41	\$9,495,960	\$67	\$4,212,921	\$51	\$9,007,641	\$56	\$12,169,314	\$69	\$5,223,316	\$64	\$9,003,045	\$65
10 Specialties	\$1,055,954	\$6	\$155,102	\$3	\$1,175,396	\$8	\$746,536	\$9	\$808,575	\$5	\$1,225,000	\$7	\$546,465	\$7	\$786,390	\$6
11 Equipment	\$1,710,822	\$10	\$500,914	\$8	\$1,570,708	\$11	\$708,878	\$9	\$616,679	\$4	\$845,000	\$5	\$473,984	\$6	\$916,857	\$7
12 Furnishings	\$1,834,358	\$11	\$49,210	\$1	\$232,642	\$2	\$1,206,192	\$15	\$1,032,765	\$6	\$908,000	\$5	\$200,000	\$2	\$837,556	\$6
13 Special Construction									\$56,342	\$0						
14 Conveying Systems	\$123,425	\$1			\$145,000	\$1	\$210,000	\$3	\$328,500	\$2	\$260,000	\$1	\$190,000	\$2	\$410,000	\$3
Facilities Services Subgroup																
21 Fire Suppression	\$884,500	\$5	\$438,800	\$7	\$787,122	\$6	\$428,000	\$5	\$922,500	\$6	\$798,200	\$5	\$439,400	\$5	\$884,125	\$6
22 Plumbing	\$2,372,352	\$14	\$997,700	\$16	\$2,192,000	\$15	\$1,588,000	\$19	\$2,234,000	\$14	\$2,788,000	\$16	\$1,494,656	\$18	\$2,291,000	\$16
23 HVAC	\$5,119,000	\$31	\$3,163,000	\$51	\$5,082,000	\$36	\$3,788,000	\$46	\$6,354,000	\$40	\$9,004,210	\$51	\$4,004,468	\$49	\$7,110,000	\$51
26 Electrical	\$5,753,500	\$34	\$2,688,000	\$44	\$6,105,000	\$43	\$1,680,519	\$20	\$3,356,500	\$21	\$4,422,130	\$25	\$3,484,615	\$43	\$4,382,246	\$31
27 Communications							\$450,796	\$5	\$1,323,500	\$8	\$2,163,597	\$12			\$1,284,998	\$9
28 Electronic Safety and Security							\$481,685	\$6	\$450,000	\$3	\$923,000	\$5			\$640,756	\$5
25 Integrated Automation											\$1,213,790	\$7				
Site and Infrastructure Subgroup																
31 Earthwork	\$7,138,403	\$43	\$2,331,001	\$38	\$10,578,660	\$74	\$2,500,435	\$30	\$3,485,253	\$22	\$7,000,000	\$39	\$5,269,451	\$64	\$10,963,751	\$79
32 Exterior Improvements	\$2,572,287	\$15	\$750,159	\$12	\$3,489,843	\$25	\$1,836,482	\$22	\$4,477,547	\$28	\$1,032,000	\$6	\$1,700,000	\$21	\$2,765,000	\$20
33 Utilities	\$2,600,000	\$16					\$1,815,509	\$22	\$1,440,136	\$9	\$1,000,000	\$6				
Total Construction Cost	\$77,447,743		\$25,900,000		\$72,640,604		\$40,678,125		\$60,117,573		\$81,137,000		\$43,786,427		\$76,714,752	
\$/GSF	\$463		\$421		\$511		\$493		\$376		\$457		\$534		\$550	
CMR Preconstruction Services	\$250,000				\$286,580		\$151,300						\$100,000		\$225,000	
Total Cost (with Precon. Services)	\$77,697,743		\$25,900,000		\$72,927,184		\$40,829,425		\$60,117,573		\$81,137,000		\$43,886,427		\$76,939,752	
Total Cost - Alternates											\$3,694,000					
Total Cost (with Alternates)	\$77,447,743		\$25,900,000		\$72,640,604		\$40,678,125		\$60,117,573		\$84,831,000		\$43,786,427		\$76,714,752	
Building Cost (Div3 thru 28)	\$52,230,414	\$312	\$19,880,255	\$323	\$47,501,391	\$334	\$28,257,766	\$342	\$46,317,213	\$290	\$66,350,569	\$374	\$27,949,275	\$341	\$50,861,459	\$365
Mark-up Cost (Section 1)	\$10,560,879	\$63	\$2,133,285	\$35	\$9,124,610	\$64	\$5,599,497	\$68	\$3,014,649	\$19	\$3,754,431	\$21	\$7,489,405	\$91	\$11,509,292	\$83
GMP Contingency as % of Total Con Cost	1.96%				2.00%		1.50%						2.07%		2.16%	

Information as of:
December 2023 Board Meeting

Date Board Approved	Feb-19		Aug-19		Aug-19		Aug-19		Aug-19		Aug-19		Aug-19		Aug-19	
District	Westborough		Amesbury		Bridgewater-Raynham		Gardner		Millbury		West Springfield		Manchester Essex Regional		Springfield	
School Name	Annie E Fales		Amesbury ES		Mitchell ES		Waterford Street		Raymond E. Shaw ES		Philip G Coburn		Manchester Memorial ES		Brightwood	
Enrollment	400		425		740		925		550		585		335		800	
Project Type	Core Program		Core Program		Core Program		Core Program		Core Program		Core Program		Core Program		Core Program	
Project Scope	New Construction		New Construction		New Construction		New Construction		New Construction		New Construction		New Construction		New Construction	
Designer	HMFH Architects, Inc.		DiNisco Design, Inc.		Raymond Design Associates, Inc.		Jones Whitsett Architects, Inc.		Turowski2 Architecture, Inc.		TSKP Studio, LLC		JCJ Architecture, PC		DiNisco Design, Inc.	
OPM	Vertex (Eng.) Construction Services		NV5 (fka Joslin, Lesser + Associates Inc.)		CHA Consulting, Inc.		Colliers Project Leaders NE, LLC		Hill International Company		NV5 (fka Joslin, Lesser + Associates Inc.)		Dore & Whittier Management Partners, Inc.		Skanska USA Building, Inc	
General Contractor	Gilbane Building Company		CTA Construction Co., Inc.		Bacon Construction Co, Inc.		Bacon Construction Co, Inc.		Fontaine Brothers, Inc.		Fontaine Brothers, Inc.		W. T. Rich Company Inc.		Daniel O'Connell's Sons, Inc.	
DBB or CMR	CMR		DBB		DBB		DBB		DBB		DBB		CMR		CMR	
GC Bids Received or GMP Executed	10/08/20		04/20/21		12/10/20		10/06/20		02/10/21		11/19/20		01/14/20		09/17/19	
GSF	70,242		98,195		132,045		147,120		90,257		119,430		77,102		150,500	
Description	Bid Data		Bid Data		Bid Data		Bid Data		Bid Data		Bid Data		Bid Data		Bid Data	
	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost
General Requirements Subgroup																
1 General Requirements	\$3,732,675	\$53	\$2,516,239	\$26	\$3,089,474	\$23	\$2,709,908	\$18	\$4,087,634	\$45	\$2,120,000	\$18	\$3,998,515	\$52	\$5,021,874	\$33
GMP - Fee	\$1,006,688	\$14											\$822,842	\$11	\$1,775,500	\$12
GMP - Insurance	\$1,814,353	\$26											\$561,991	\$7	\$1,057,190	\$7
GMP - Contingency	\$892,737	\$13											\$590,000	\$8	\$1,989,780	\$13
Facilities Construction Subgroup																
2 Existing Conditions	\$693,000	\$10			\$810,111	\$6			\$832,000	\$9	\$1,200,000	\$10	\$2,270,655	\$29		
3 Concrete	\$2,448,946	\$35	\$3,123,350	\$32	\$2,278,423	\$17	\$2,337,493	\$16	\$2,248,000	\$25	\$3,430,000	\$29	\$2,158,000	\$28	\$3,308,527	\$22
4 Masonry	\$678,000	\$10	\$1,580,000	\$16	\$1,367,000	\$10	\$2,853,800	\$19	\$1,470,000	\$16	\$1,868,100	\$16	\$1,868,106	\$24	\$2,154,000	\$14
5 Metals	\$3,372,000	\$48	\$6,205,490	\$63	\$4,283,500	\$32	\$3,870,800	\$26	\$3,092,000	\$34	\$4,765,687	\$40	\$3,593,846	\$47	\$5,047,735	\$34
6 Wood, Plastics and Composites	\$741,617	\$11	\$1,469,000	\$15	\$1,897,072	\$14	\$2,671,198	\$18	\$3,610,800	\$40	\$680,000	\$6	\$1,157,687	\$15	\$2,469,150	\$16
7 Thermal and Moisture Protection	\$3,555,013	\$51	\$3,132,100	\$32	\$3,590,597	\$27	\$5,060,273	\$34	\$3,305,480	\$37	\$2,182,785	\$18	\$1,790,500	\$23	\$4,071,532	\$27
8 Openings	\$1,765,560	\$25	\$1,882,520	\$19	\$3,336,940	\$25	\$3,717,891	\$25	\$1,602,800	\$18	\$2,286,464	\$19	\$1,974,677	\$26	\$2,509,916	\$17
9 Finishes	\$4,564,023	\$65	\$5,419,471	\$55	\$7,153,630	\$54	\$8,160,768	\$55	\$5,633,779	\$62	\$6,140,955	\$51	\$4,957,527	\$64	\$9,292,138	\$62
10 Specialties	\$205,000	\$3	\$277,125	\$3	\$756,495	\$6	\$1,460,437	\$10	\$815,000	\$9	\$395,000	\$3	\$317,795	\$4	\$972,386	\$6
11 Equipment	\$941,702	\$13	\$480,555	\$5	\$879,802	\$7	\$1,115,215	\$8	\$890,000	\$10	\$765,000	\$6	\$681,155	\$9	\$743,294	\$5
12 Furnishings			\$66,250	\$1	\$306,350	\$2	\$252,373	\$2	\$138,000	\$2	\$297,000	\$2	\$37,529	\$0	\$1,387,733	\$9
13 Special Construction															\$416,200	\$3
14 Conveying Systems	\$148,700	\$2	\$245,000	\$2	\$295,300	\$2	\$466,702	\$3	\$165,000	\$2	\$182,700	\$2	\$136,500	\$2	\$643,200	\$4
Facilities Services Subgroup																
21 Fire Suppression	\$708,400	\$10	\$438,000	\$4	\$595,500	\$5	\$593,700	\$4	\$474,400	\$5	\$584,409	\$5	\$414,409	\$5	\$1,787,000	\$12
22 Plumbing	\$1,836,000	\$26	\$1,696,000	\$17	\$2,094,000	\$16	\$2,119,000	\$14	\$1,689,000	\$19	\$1,987,000	\$17	\$1,574,000	\$20	\$7,547,500	\$50
23 HVAC	\$4,797,000	\$68	\$5,494,000	\$56	\$5,004,000	\$38	\$4,778,000	\$32	\$3,104,000	\$34	\$5,964,000	\$50	\$3,953,000	\$51	\$5,273,100	\$35
26 Electrical	\$3,640,000	\$52	\$3,664,740	\$37	\$4,056,941	\$31	\$6,525,000	\$44	\$3,311,000	\$37	\$2,495,600	\$21	\$3,096,000	\$40	\$2,445,108	\$16
27 Communications			\$563,510	\$6	\$183,059	\$1			\$310,000	\$3	\$1,077,000	\$9				
28 Electronic Safety and Security			\$349,750	\$4	\$210,000	\$2			\$203,000	\$2	\$546,000	\$5				
25 Integrated Automation			\$420,000	\$4	\$475,000	\$4			\$545,000	\$6	\$725,000	\$6				
Site and Infrastructure Subgroup																
31 Earthwork	\$6,653,621	\$95	\$7,823,000	\$80	\$2,308,237	\$17	\$7,005,000	\$48	\$5,329,655	\$59	\$2,880,000	\$24	\$4,200,988	\$54	\$5,450,572	\$36
32 Exterior Improvements	\$1,553,345	\$22	\$1,028,000	\$10	\$3,974,639	\$30	\$4,074,845	\$28	\$1,338,000	\$15	\$545,000	\$5	\$986,381	\$13		
33 Utilities			\$1,881,000	\$19	\$2,239,081	\$17	\$1,784,000	\$12	\$288,000	\$3	\$420,000	\$4				
Total Construction Cost	\$45,748,380		\$49,755,100		\$51,185,151		\$61,556,403		\$44,482,548		\$43,537,700		\$41,142,103		\$65,363,435	
\$/GSF	\$651		\$507		\$388		\$418		\$493		\$365		\$534		\$434	
CMR Preconstruction Services	\$120,000												\$146,000		\$173,096	
Total Cost (with Precon. Services)	\$45,868,380		\$49,755,100		\$51,185,151		\$61,556,403		\$44,482,548		\$43,537,700		\$41,288,103		\$65,536,531	
Total Cost - Alternates							\$285,150		\$1,790,920							
Total Cost (with Alternates)	\$45,748,380		\$49,755,100		\$51,185,151		\$61,841,553		\$46,273,468		\$43,537,700		\$41,142,103		\$65,363,435	
Building Cost (Div3 thru 28)	\$29,401,961	\$419	\$36,506,861	\$372	\$38,763,609	\$294	\$45,982,650	\$313	\$32,607,259	\$361	\$36,372,700	\$305	\$27,710,731	\$359	\$50,068,519	\$333
Mark-up Cost (Section 1)	\$7,446,453	\$106	\$2,516,239	\$26	\$3,089,474	\$23	\$2,709,908	\$18	\$4,087,634	\$45	\$2,120,000	\$18	\$5,973,348	\$77	\$9,844,344	\$65
GMP Contingency as % of Total Con Cost	1.95%												1.43%		3.04%	

Information as of:
December 2023 Board Meeting

Date Board Approved	Oct-19		Oct-19		Oct-19		Apr-20		Jun-20		Oct-20		Apr-21		Apr-21	
District	Acton-Boxborough		Easton		Rockland		Orange		Springfield		Ashland		Andover		Westwood	
School Name	C.T. Douglas ES		Center School		Jefferson ES		Dexter Park		William N Deberry		David Mindess		West ES		Paul Hanlon	
Enrollment	990		760		760		520		800		635		925		560	
Project Type	Core Program		Core Program		Core Program		Core Program		Core Program		Core Program		Core Program		Core Program	
Project Scope	New Construction		New Construction		New Construction		Addition / Renovation		New Construction		New Construction		New Construction		New Construction	
Designer	Arrowstreet Inc.		Perkins Eastman/DPC		Symmes Maini & McKee Associates, Inc.		Raymond Design Associates, Inc.		DiNisco Design, Inc.		Flansburgh Associates, Inc.		Symmes Maini & McKee Associates, Inc.		Dore & Whittier Architects, Inc.	
OPM	Skanska USA Building, Inc		PMA Consultants, LLC		PMA Consultants, LLC		Hill International Company		Skanska USA Building, Inc		Compass Project Management, Inc.		PMA Consultants, LLC		Compass Project Management, Inc.	
General Contractor	Consigli Construction Company, Inc.		Brait Builders Corp.		Brait Builders Corp.		J & J Contractors, Inc.		Fontaine Brothers, Inc.		Shawmut Design and Construction		Gilbane Building Company		Brait Builders Corp.	
DBB or CMR	CMR		DBB		DBB		DBB		CMR		CMR		CMR		DBB	
GC Bids Received or GMP Executed	12/15/20		02/23/21		02/24/21		07/14/21		11/01/21		03/14/22		12/12/22		06/22/22	
GSF	174,759		148,422		120,672		97,115		155,990		104,885		191,028		112,888	
Description	Bid Data		Bid Data		Bid Data		Bid Data		Bid Data		Bid Data		Bid Data		Bid Data	
	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost
General Requirements Subgroup																
1 General Requirements	\$12,365,334	\$71	\$2,709,100	\$18	\$3,046,049	\$25	\$5,241,655	\$54	\$5,853,873	\$38	\$5,550,000	\$53	\$11,463,275	\$60	\$3,363,000	\$30
GMP - Fee	\$2,143,256	\$12							\$1,687,500	\$11	\$1,164,904	\$11	\$2,301,767	\$12		
GMP - Insurance	\$728,281	\$4							\$1,365,973	\$9	\$1,149,465	\$11	\$5,637,586	\$30		
GMP - Contingency	\$1,577,607	\$9							\$1,442,160	\$9	\$1,310,413	\$12	\$2,950,983	\$15		
Facilities Construction Subgroup																
2 Existing Conditions	\$2,714,305	\$16	\$1,015,250	\$7	\$1,400,000	\$12	\$1,150,000	\$12	\$1,000,000	\$6	\$974,531	\$9	\$1,323,000	\$7	\$1,200,000	\$11
3 Concrete	\$4,014,655	\$23	\$4,185,750	\$28	\$5,569,000	\$46	\$5,198,000	\$54	\$3,729,367	\$24	\$3,703,219	\$35	\$4,257,297	\$22	\$4,500,000	\$40
4 Masonry	\$2,285,000	\$13	\$2,232,950	\$15	\$2,586,000	\$21	\$1,447,000	\$15	\$2,747,000	\$18	\$2,184,000	\$21	\$5,270,000	\$28	\$3,275,000	\$29
5 Metals	\$5,945,250	\$34	\$5,829,093	\$39	\$6,641,480	\$55	\$1,568,810	\$16	\$7,477,109	\$48	\$5,394,175	\$51	\$9,686,865	\$51	\$8,149,375	\$72
6 Wood, Plastics and Composites	\$3,296,403	\$19	\$1,440,300	\$10			\$1,394,100	\$14	\$2,450,000	\$16	\$567,506	\$5	\$4,697,100	\$25	\$1,700,000	\$15
7 Thermal and Moisture Protection	\$6,137,819	\$35	\$7,900,450	\$53	\$3,169,200	\$26	\$2,284,800	\$24	\$4,605,299	\$30	\$3,880,144	\$37	\$9,361,433	\$49	\$6,529,390	\$58
8 Openings	\$2,962,450	\$17	\$2,524,059	\$17	\$3,304,173	\$27	\$1,991,065	\$21	\$4,280,274	\$27	\$5,022,872	\$48	\$6,807,232	\$36	\$3,566,798	\$32
9 Finishes	\$8,841,661	\$51	\$7,947,265	\$54	\$7,471,486	\$62	\$3,882,249	\$40	\$11,630,546	\$75	\$5,895,413	\$56	\$15,404,134	\$81	\$6,109,747	\$54
10 Specialties	\$686,342	\$4	\$858,615	\$6	\$496,067	\$4	\$658,125	\$7	\$1,533,420	\$10	\$358,366	\$3	\$1,551,656	\$8	\$475,000	\$4
11 Equipment	\$625,478	\$4	\$1,326,750	\$9	\$1,252,690	\$10	\$802,705	\$8	\$745,400	\$5	\$871,929	\$8	\$1,607,806	\$8	\$922,000	\$8
12 Furnishings	\$187,700	\$1	\$1,661,015	\$11	\$2,277,960	\$19	\$189,705	\$2	\$1,522,867	\$10	\$754,701	\$7	\$349,894	\$2	\$259,720	\$2
13 Special Construction							\$143,000	\$1					\$104,471	\$1		
14 Conveying Systems	\$425,690	\$2	\$407,000	\$3	\$177,000	\$1			\$415,000	\$3	\$165,000	\$2	\$624,000	\$3	\$170,000	\$2
Facilities Services Subgroup																
21 Fire Suppression	\$1,188,225	\$7	\$929,430	\$6	\$559,550	\$5	\$515,000	\$5	\$821,000	\$5	\$554,060	\$5	\$1,496,275	\$8	\$716,300	\$6
22 Plumbing	\$2,802,000	\$16	\$2,480,000	\$17	\$2,128,000	\$18	\$1,577,000	\$16	\$2,240,000	\$14	\$2,229,000	\$21	\$5,533,000	\$29	\$2,369,000	\$21
23 HVAC	\$9,564,000	\$55	\$6,694,000	\$45	\$4,208,000	\$35	\$5,064,000	\$52	\$8,239,000	\$53	\$6,713,000	\$64	\$10,880,000	\$57	\$13,941,191	\$123
26 Electrical	\$6,556,900	\$38	\$5,470,000	\$37	\$4,555,000	\$38	\$3,961,823	\$41	\$5,858,000	\$38	\$4,713,455	\$45	\$12,555,000	\$66	\$7,805,000	\$69
27 Communications																
28 Electronic Safety and Security																
25 Integrated Automation																
Site and Infrastructure Subgroup																
31 Earthwork	\$10,928,500	\$63	\$6,320,380	\$43	\$7,580,950	\$63	\$1,913,000	\$20	\$7,312,482	\$47	\$12,368,673	\$118	\$13,394,562	\$70	\$7,600,000	\$67
32 Exterior Improvements	\$2,760,634	\$16	\$1,706,130	\$11	\$1,767,395	\$15	\$3,034,500	\$31			\$3,269,215	\$31	\$9,053,980	\$47	\$1,701,355	\$15
33 Utilities							\$2,497,016	\$26								
Total Construction Cost	\$88,737,490		\$63,637,537		\$58,190,000		\$44,513,553		\$76,956,270		\$68,794,041		\$136,311,316		\$74,352,876	
\$/GSF	\$508		\$429		\$482		\$458		\$493		\$656		\$714		\$659	
CMR Preconstruction Services	\$222,045								\$173,000		\$213,270		\$250,000			
Total Cost (with Precon. Services)	\$88,959,535		\$63,637,537		\$58,190,000		\$44,513,553		\$77,129,270		\$69,007,311		\$136,561,316		\$74,352,876	
Total Cost - Alternates																
Total Cost (with Alternates)	\$88,737,490		\$63,637,537		\$58,190,000		\$44,513,553		\$76,956,270		\$68,794,041		\$136,311,316		\$74,352,876	
Building Cost (Div3 thru 28)	\$55,519,573	\$318	\$51,886,677	\$350	\$44,395,606	\$368	\$30,677,382	\$316	\$58,294,282	\$374	\$43,006,840	\$410	\$90,186,163	\$472	\$60,488,521	\$536
Mark-up Cost (Section 1)	\$16,814,478	\$96	\$2,709,100	\$18	\$3,046,049	\$25	\$5,241,655	\$54	\$10,349,506	\$66	\$9,174,782	\$87	\$22,353,611	\$117	\$3,363,000	\$30
GMP Contingency as % of Total Con Cost	1.78%								1.87%		1.90%		2.16%			