

**Information as of:
October 2020
Board Meeting**

BID RESULTS (CSI FORMAT) - Elementary Schools [ON OR AFTER JANUARY 1, 2014]

The information and data contained in this spreadsheet is based on the MSBA's review of construction cost estimates, contracts and other documentation provided by cities, towns, and regional school districts. This information and data is intended for informational purposes only. The data may have changed based on actual construction bids or contract amendments, for example, and the MSBA shall have no responsibility or duty to update any of the information contained in this spreadsheet. Please contact the Districts for the most current information. The MSBA hereby disclaims any and all liability and responsibility that may arise in connection with the information contained in this spreadsheet. This spreadsheet may include a preliminary review of scope exclusions but all costs identified are subject to review and audit by the MSBA and may not be eligible for reimbursement by the MSBA.

Date Board Approved	Nov-12		Oct-13		Jan-14		Mar-14		Mar-14		Jan-15			
District	Hingham		South Hadley		Athol-Royalston		Newton		Gloucester		Milford		Northborough	
School Name	Hingham ES		Plains ES		Riverbend		A E Angier		West Parish		Woodland		Lincoln Street	
Enrollment	270		545		465		355		985		270			
Project Type	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		Addition / Renovation	
Designer	Jones Whitsett Architects, Inc.		Mount Vernon Group Architects, Inc.		DiNisco Design, Inc.		Dore & Whittier Architects, Inc.		HMFH Architects, Inc.		Lamoureux Pagano & Associates, Inc.			
OPM	KBA/Mary Mahoney Partnership		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 International	
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.			
DBB or CMR	Undetermined		DBB		DBB		CMR		CMR		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			
GSF	92,291		63,377		95,726		74,960		65,679		132,539		52,920	
Description	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
General Requirements Subgroup														
1 General Requirements	\$1,490,433	\$16	\$1,255,237	\$20	\$1,163,000	\$12	\$1,887,900	\$25	\$2,318,334	\$35	\$3,111,906	\$23	\$907,489	\$17
GMP - Fee							\$540,000	\$7	\$644,052	\$10	\$900,000	\$7		
GMP - Insurance							\$421,992	\$6	\$459,904	\$7	\$806,194	\$6		
GMP - Contingency							\$446,371	\$6	\$591,751	\$9	\$696,379	\$5		
Facilities Construction Subgroup														
2 Existing Conditions	\$1,486,500	\$16	\$400,000	\$6			\$670,548	\$9	\$1,062,448	\$16	\$814,795	\$6	\$1,180,000	\$22
3 Concrete	\$1,449,000	\$16	\$1,863,000	\$29	\$2,300,000	\$24	\$1,263,751	\$17	\$1,535,272	\$23	\$2,194,631	\$17	\$1,100,000	\$21
4 Masonry	\$2,447,000	\$27	\$1,428,000	\$23	\$2,634,000	\$28	\$1,194,000	\$16	\$2,433,000	\$37	\$1,233,000	\$9	\$546,000	\$10
5 Metals	\$2,467,500	\$27	\$2,322,000	\$37	\$3,444,915	\$36	\$2,154,374	\$29	\$2,077,022	\$32	\$3,926,765	\$30	\$1,506,000	\$28
6 Wood, Plastics and Composites	\$520,000	\$6	\$1,238,000	\$20	\$565,000	\$6	\$1,339,700	\$18	\$1,019,373	\$16	\$886,840	\$7	\$519,410	\$10
7 Thermal and Moisture Protection	\$1,263,400	\$14	\$1,505,220	\$24	\$2,150,800	\$22	\$2,530,525	\$34	\$1,754,698	\$27	\$3,874,400	\$29	\$1,344,500	\$25
8 Openings	\$1,029,785	\$11	\$838,739	\$13	\$1,921,173	\$20	\$1,510,761	\$20	\$1,613,216	\$25	\$2,975,569	\$22	\$921,712	\$17
9 Finishes	\$2,040,882	\$22	\$1,818,196	\$29	\$3,395,687	\$35	\$2,912,957	\$39	\$3,060,206	\$47	\$5,922,819	\$45	\$2,218,444	\$42
10 Specialties	\$313,200	\$3	\$360,000	\$6	\$244,000	\$3	\$124,694	\$2	\$139,298	\$2	\$650,667	\$5	\$114,000	\$2
11 Equipment	\$305,800	\$3	\$175,000	\$3	\$270,000	\$3	\$266,879	\$4	\$351,061	\$5	\$490,459	\$4	\$486,900	\$9
12 Furnishings	\$535,050	\$6	\$66,000	\$1	\$355,000	\$4	\$46,000	\$1	\$111,902	\$2	\$1,177,480	\$9	\$43,000	\$1
13 Special Construction	\$284,950	\$3							\$15,099	\$0				
14 Conveying Systems	\$75,500	\$1	\$79,500	\$1	\$84,700	\$1	\$147,880	\$2	\$153,600	\$2	\$124,700	\$1		
Facilities Services Subgroup														
21 Fire Suppression	\$3,774,000	\$41	\$233,252	\$4	\$268,225	\$3	\$350,750	\$5	\$286,300	\$4	\$524,000	\$4	\$222,000	\$4
22 Plumbing	\$2,045,000	\$22	\$743,000	\$12	\$1,123,000	\$12	\$927,000	\$12	\$984,000	\$15	\$1,462,000	\$11	\$770,000	\$15
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
25 Integrated Automation			\$386,100	\$6	\$272,800	\$3								
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
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						
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
32 Exterior Improvements			\$355,000	\$6	\$572,000	\$6	\$1,122,830	\$15	\$747,927	\$11	\$2,224,697	\$17	\$273,545	\$5
33 Utilities			\$433,000	\$7	\$1,237,000	\$13	\$712,115	\$9	\$1,446,700	\$22				
Total Construction Cost	\$21,528,000		\$21,391,144		\$31,594,000		\$26,210,616		\$29,995,466		\$48,375,101		\$18,450,000	
\$/GSF	\$233		\$338		\$330		\$350		\$457		\$365		\$349	
CMR Preconstruction Services							\$123,600		\$140,000		\$140,000			
Total Cost (with Precon. Services)	\$21,528,000		\$21,391,144		\$31,594,000		\$26,334,216		\$30,135,466		\$48,515,101		\$18,450,000	
Total Cost - Alternates							\$3,948,259							
Total Cost (with Alternates)	\$21,528,000		\$21,391,144		\$31,594,000		\$30,158,875		\$29,995,466		\$48,375,101		\$18,450,000	
Building Cost (Div3 thru 28)	\$18,551,067	\$201	\$17,380,907	\$274	\$24,859,000	\$260	\$19,837,027	\$265	\$20,634,205	\$314	\$34,861,130	\$263	\$14,514,966	\$274
Mark-up Cost (Section 1)	\$1,490,433	\$16	\$1,255,237	\$20	\$1,163,000	\$12	\$3,296,263	\$44	\$4,014,041	\$61	\$5,514,479	\$42	\$907,489	\$17
GMP Contingency as % of Total Con Cost							1.70%		1.97%		1.44%			

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Date Board Approved	Mar-15		Mar-15		May-15		Jun-15		Sep-15		Nov-15		Nov-15	
District	Worcester		New Bedford		Brookline		Woburn		Hopkinton		Carver		Narragansett	
School Name	Nelson Place		John Hannigan		Edward Devotion		Wyman		Center		Carver ES		Templeton Center	
Enrollment	600		400		1,010		410		395		750		580	
Project Type	Core Program		Core Program		Core Program		Core Program		Core Program		Core Program		Core Program	
Project Scope	New Construction		New Construction		Addition / Renovation		New Construction		New Construction		New Construction		New Construction	
Designer	Lamoureux Pagano & Associates, Inc.		Turowski2 Architecture, Inc.		HMFH Architects, Inc.		DiNisco Design, Inc.		Drummeys Rosane Anderson, Inc.		HMFH Architects, Inc.		Symmes Maini & McKee Associates, Inc.	
OPM	Tishman Construction Corporation of MA		Daedalus Projects Inc		Town Employee		Municipal Building Consultants, Inc.		Compass Project Management, Inc.		PMA Construction Services		Colliers International	
General Contractor	Fontaine Brothers, Inc.		H.V. Collins Co., Inc.		Shawmut Design and Construction		CTA Construction Co., Inc.		Colantonio, Inc.		CTA Construction Co., Inc.		Fontaine Brothers, Inc.	
DBB or CMR	CMR		DBB		CMR		DBB		CMR		DBB		DBB	
GC Bids Received or GMP Executed	06/06/16		7/14/2016		10/21/16		12/20/16		12/6/2016		09/19/16		10/11/17	
GSF	111,256		74,056		227,087		70,701		83,256		112,350		92,735	
Description	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
General Requirements Subgroup														
1 General Requirements	\$3,185,751	\$29	\$2,852,179	\$39	\$8,583,200	\$38	\$1,417,092	\$20	\$2,993,572	\$36	\$2,194,903	\$20	\$1,437,500	\$16
GMP - Fee	\$1,057,500	\$10			\$1,800,000	\$8			\$856,803	\$10				
GMP - Insurance	\$641,529	\$6			\$1,477,350	\$7			\$399,876	\$5				
GMP - Contingency	\$1,000,000	\$9			\$2,340,000	\$10			\$777,879	\$9				
Facilities Construction Subgroup														
2 Existing Conditions	\$1,200,000	\$11	\$542,895	\$7	\$2,587,178	\$11					\$1,095,525	\$10	255000	2.7497
3 Concrete	\$2,714,713	\$24	\$1,092,945	\$15	\$6,479,699	\$29	\$2,057,500	\$29	\$1,732,756	\$21	\$1,841,003	\$16	\$2,542,874	\$27
4 Masonry	\$1,452,555	\$13	\$774,000	\$10	\$2,871,000	\$13	\$1,426,000	\$20	\$1,308,000	\$16	\$935,000	\$8	\$780,000	\$8
5 Metals	\$2,666,250	\$24	\$2,806,000	\$38	\$6,363,207	\$28	\$2,959,500	\$42	\$2,058,480	\$25	\$3,339,293	\$30	\$3,541,850	\$38
6 Wood, Plastics and Composites	\$502,003	\$5	\$1,632,000	\$22	\$4,081,366	\$18	\$505,000	\$7	\$75,700	\$1	\$831,800	\$7	\$694,300	\$7
7 Thermal and Moisture Protection	\$2,398,250	\$22	\$3,012,816	\$41	\$3,582,547	\$16	\$2,038,600	\$29	\$1,539,143	\$18	\$3,507,815	\$31	\$3,103,885	\$33
8 Openings	\$1,727,316	\$16	\$1,910,480	\$26	\$5,034,587	\$22	\$1,749,912	\$25	\$1,826,668	\$22	\$3,091,247	\$28	\$1,913,518	\$21
9 Finishes	\$4,767,482	\$43	\$3,530,200	\$48	\$10,879,230	\$48	\$3,458,886	\$49	\$3,659,492	\$44	\$4,873,077	\$43	\$4,025,105	\$43
10 Specialties	\$343,303	\$3	\$520,278	\$7	\$530,704	\$2	\$151,400	\$2	\$429,461	\$5	\$698,303	\$6	\$281,368	\$3
11 Equipment	\$653,567	\$6	\$439,549	\$6	\$1,133,796	\$5	\$242,000	\$3	\$1,097,223	\$13	\$591,317	\$5	\$720,000	\$8
12 Furnishings	\$566,564	\$5	\$98,085	\$1	\$1,439,185	\$6	\$238,600	\$3	\$22,000	\$0	\$922,994	\$8	\$369,000	\$4
13 Special Construction														
14 Conveying Systems	\$220,000	\$2	\$213,500	\$3	\$199,000	\$1	\$175,000	\$2	\$121,308	\$1	\$108,900	\$1	\$188,600	\$2
Facilities Services Subgroup														
21 Fire Suppression	\$357,900	\$3	\$318,450	\$4	\$988,000	\$4	\$267,409	\$4	\$632,470	\$8	\$735,000	\$7	\$495,000	\$5
22 Plumbing	\$1,476,850	\$13	\$1,060,000	\$14	\$2,633,000	\$12	\$885,600	\$13	\$1,128,400	\$14	\$1,524,850	\$14	\$1,497,000	\$16
23 HVAC	\$2,887,000	\$26	\$2,188,000	\$30	\$9,378,000	\$41	\$3,289,000	\$47	\$2,888,000	\$35	\$3,523,700	\$31	\$3,271,500	\$35
25 Integrated Automation													632500	6.8205
26 Electrical	\$4,726,586	\$42	\$2,625,000	\$35	\$6,205,200	\$27	\$2,318,000	\$33	\$2,755,000	\$33	\$3,338,000	\$30	\$2,196,935	\$24
27 Communications													\$521,523	\$6
28 Electronic Safety and Security													\$161,042	\$2
Site and Infrastructure Subgroup														
31 Earthwork	\$9,174,246	\$82	\$2,109,105	\$28	\$7,794,349	\$34	\$1,559,047	\$22	\$6,747,480	\$81	\$3,088,913	\$27	\$1,873,000	\$20
32 Exterior Improvements	\$514,658	\$5			\$3,121,574	\$14	\$870,500	\$12			\$1,383,433	\$12	\$565,000	\$6
33 Utilities							\$410,000	\$6			\$209,481	\$2	\$1,152,000	\$12
Total Construction Cost	\$44,234,023		\$27,725,482		\$89,502,172		\$26,019,046		\$33,049,711		\$37,834,554		\$32,218,500	
\$/GSF	\$398		\$374		\$394		\$368		\$397		\$337		\$347	
CMR Preconstruction Services	\$108,650				\$233,755				\$100,000					
Total Cost (with Precon. Services)	\$44,342,673		\$27,725,482		\$89,735,927		\$26,019,046		\$33,149,711		\$37,834,554		\$32,218,500	
Total Cost - Alternates			\$54,998										334000	
Total Cost (with Alternates)	\$44,234,023		\$27,780,480		\$89,502,172		\$26,019,046		\$33,049,711		\$37,834,554		\$32,552,500	
Building Cost (Div3 thru 28)	\$27,460,339	\$247	\$22,221,303	\$300	\$61,798,521	\$272	\$21,762,407	\$308	\$21,274,101	\$256	\$29,862,299	\$266	\$26,936,000	\$290
Mark-up Cost (Section 1)	\$5,884,780	\$53	\$2,852,179	\$39	\$14,200,550	\$63	\$1,417,092	\$20	\$5,028,130	\$60	\$2,194,903	\$20	\$1,437,500	\$16
GMP Contingency as % of Total Con Cost	2.26%				2.61%				2.35%					

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Date Board Approved	Jan-16		Mar-16		Jul-16		Jul-16		Nov-16		Nov-16		May-17	
District	Granby		Dedham		Hanover		Needham		Bourne		Newton		Millis	
School Name	West Street		Early Childhood Center		Sylvester		Hillside ES		Peebles ES		Cabot		Clyde F Brown	
Enrollment	430		200		560		430		460		480		515	
Project Type	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		Addition / Renovation		New Construction	
Designer	Jones Whitsett Architects, Inc.		Knight, Bagge & Anderson, Inc.		Mount Vernon Group Architects, Inc.		Dore & Whittier Architect, Inc.		Flansburgh Associates, Inc.		DiNisco Design, Inc.		Tappe Architects, Inc.	
OPM	Colliers International		Construction Monitoring Services, Inc.		P3 Inc.		Town Employee		Symmes Maini & McKee Associates, Inc.		NV5 (fka Joslin, Lesser + Associates Inc.)		Compass Project Management, Inc.	
General Contractor	Fontaine Brothers, Inc.		H.V. Collins Co., Inc.		Brait Builders Corp.		Bacon Construction Co, Inc.		Brait Builders Corp.		W. T. Rich Company Inc.		Bacon-Agostini Construction Joint Venture	
DBB or CMR	DBB		DBB		DBB		DBB		DBB		CMR		CMR	
GC Bids Received or GMP Executed	01/26/17		09/08/17		6/30/2017		9/27/2017		11/21/17		06/21/18		2/14/2018	
GSF	68,760		50,998		90,975		90,702		73,348		84,262		89,852	
Description	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
General Requirements Subgroup														
1 General Requirements	\$1,085,000	\$16	\$1,435,936	\$28	\$2,106,059	\$23	\$1,579,321	\$17	\$1,907,900	\$26	\$3,415,945	\$41	\$3,208,577	\$36
GMP - Fee											\$725,000	\$9	\$979,700	\$11
GMP - Insurance											\$465,221	\$6	\$361,678	\$4
GMP - Contingency											\$530,000	\$6	\$808,785	\$9
Facilities Construction Subgroup														
2 Existing Conditions	\$610,000	\$9	\$282,250	16.2408	\$988,000	\$11	\$613,429	6.7631	\$670,000	\$9	\$1,074,975	\$13	\$1,483,760	\$17
3 Concrete	\$1,890,000	\$27	\$1,096,731	\$22	\$1,200,000	\$13	\$2,316,264	\$26	\$1,954,538	\$27	\$2,051,600	\$24	\$2,481,000	\$28
4 Masonry	\$738,509	\$11	\$332,000	\$7	\$1,210,000	\$13	\$1,871,000	\$21	\$1,923,000	\$26	\$2,110,619	\$25	\$1,912,000	\$21
5 Metals	\$1,497,000	\$22	\$1,222,124	\$24	\$1,636,700	\$18	\$3,310,555	\$36	\$2,584,510	\$35	\$2,960,300	\$35	\$2,687,519	\$30
6 Wood, Plastics and Composites	\$1,000,000	\$15	\$539,150	\$11	\$540,000	\$6	\$251,571	\$3	\$480,000	\$7	\$1,352,505	\$16	\$1,142,145	\$13
7 Thermal and Moisture Protection	\$1,346,449	\$20	\$1,727,532	\$34	\$1,514,250	\$17	\$4,043,788	\$45	\$2,355,800	\$32	\$2,372,048	\$28	\$3,606,844	\$40
8 Openings	\$804,350	\$12	\$925,079	\$18	\$1,017,756	\$11	\$2,646,887	\$29	\$1,179,090	\$16	\$2,379,339	\$28	\$1,965,245	\$25
9 Finishes	\$2,331,567	\$34	\$2,916,543	\$57	\$2,758,621	\$30	\$4,336,729	\$48	\$2,966,937	\$40	\$3,976,842	\$47	\$4,515,097	\$50
10 Specialties	\$303,000	\$4	\$204,832	\$4	\$252,900	\$3	\$301,840	\$3	\$291,200	\$4	\$238,595	\$3	\$278,863	\$3
11 Equipment	\$301,000	\$4	\$476,350	\$9	\$265,000	\$3	\$573,637	\$6	\$525,000	\$7	\$327,024	\$4	\$536,566	\$6
12 Furnishings	\$150,000	\$2	\$27,325	\$1	\$525,000	\$6	\$734,417	\$8	\$432,000	\$6	\$64,190	\$1	\$414,186	\$5
13 Special Construction														
14 Conveying Systems					\$123,600	\$1	\$138,000	\$2	\$119,000	\$2	\$164,762	\$2	\$162,000	\$2
Facilities Services Subgroup														
21 Fire Suppression	\$484,225	\$7	\$248,409	\$5	\$420,200	\$5	\$421,200	\$5	\$346,125	\$5	\$439,350	\$5	\$389,360	\$4
22 Plumbing	\$944,900	\$14	\$762,000	\$15	\$978,000	\$11	\$1,377,000	\$15	\$1,033,000	\$14	\$1,209,000	\$14	\$1,064,000	\$12
23 HVAC	\$2,804,465	\$41	\$2,104,000	\$41	\$3,788,000	\$42	\$3,997,000	\$44	\$2,874,000	\$39	\$4,221,250	\$50	\$2,985,000	\$33
25 Integrated Automation	\$647,535	\$9												
26 Electrical	\$2,040,941	\$30	\$1,890,000	\$37	\$2,546,000	\$28	\$2,348,600	\$26	\$2,605,900	\$36	\$2,843,550	\$34	\$3,728,100	\$41
27 Communications	\$764,059	\$11					\$736,200	\$8			\$50,180	\$1		
28 Electronic Safety and Security	\$170,000	\$2					\$335,200	\$4			\$217,670	\$3		
Site and Infrastructure Subgroup														
31 Earthwork	\$1,822,000	\$26	\$3,861,922	\$76	\$2,776,500	\$31	\$1,511,424	\$17	\$2,498,320	\$34	\$2,105,741	\$25	\$4,746,167	\$53
32 Exterior Improvements	\$272,000	\$4			\$606,000	\$7	\$3,200,523	\$35	\$442,000	\$6	\$949,912	\$11	\$1,791,447	\$20
33 Utilities	\$1,588,000	\$23	\$625,845	\$12			\$1,079,518	\$12	\$801,680	\$11				
Total Construction Cost	\$23,595,000		\$21,224,028		\$25,252,586		\$37,724,103		\$27,990,000		\$36,245,618		\$41,248,039	
\$/GSF	\$343		\$416		\$278		\$416		\$382		\$430		\$459	
CMR Preconstruction Services											\$120,000		\$92,000	
Total Cost (with Precon. Services)	\$23,595,000		\$21,224,028		\$25,252,586		\$37,724,103		\$27,990,000		\$36,365,618		\$41,340,039	
Total Cost - Alternates											445000			
Total Cost (with Alternates)	\$23,595,000		\$21,224,028		\$25,252,586		\$37,724,103		\$27,990,000		\$36,690,618		\$41,248,039	
Building Cost (Div3 thru 28)	\$18,218,000	\$265	\$14,472,075	\$284	\$18,776,027	\$206	\$29,739,888	\$328	\$21,670,100	\$295	\$26,978,824	\$320	\$27,867,925	\$310
Mark-up Cost (Section 1)	\$1,085,000	\$16	\$1,435,936	\$28	\$2,106,059	\$23	\$1,579,321	\$17	\$1,907,900	\$26	\$5,136,166	\$61	\$5,358,740	\$60
GMP Contingency as % of Total Con Cost											1.46%		1.96%	

**Information as of:
October 2020
Board Meeting**

BID RESULTS (CSI FORMAT) - Elementary Schools [ON OR AFTER JANUARY 1, 2014]

The information and data contained in this spreadsheet is based on the MSBA's review of construction cost estimates, contracts and other documentation provided by cities, towns, and regional school districts. This information and data is intended for informational purposes only. The data may have changed based on actual construction bids or contract amendments, for example, and the MSBA shall have no responsibility or duty to update any of the information contained in this spreadsheet. Please contact the Districts for the most current information. The MSBA hereby disclaims any and all liability and responsibility that may arise in connection with the information contained in this spreadsheet. This spreadsheet may include a preliminary review of scope exclusions but all costs identified are subject to review and audit by the MSBA and may not be eligible for reimbursement by the MSBA.

Date Board Approved	Jun-17		Apr-18		Aug-17		Feb-18		Jun-18		Aug-18		Oct-18		Dec-18	
District	Triton		Marlborough		Lexington		Ludlow		Northbridge		Easthampton		Shrewsbury		Wareham	
School Name	Pine Grove		Richer		Maria Hastings		Chapin Street ES		W Edward Balmer		Maple		Beal School		Minot Forest	
Enrollment	415		610		645		630		1,030		1,010		790		1,020	
Project Type	Core Program		Core Program		Core Program		Core Program		Core Program		Core Program		Core Program		Core Program	
Project Scope	Addition / Renovation		New Construction - Model School		New Construction		New Construction		New Construction		New Construction		New Construction		New Construction	
Designer	Dore & Whittier Architects, Inc.		Mount Vernon Group Architects, Inc.		DiNisco Design, Inc.		Mount Vernon Group Architects, Inc.		Dore & Whittier Architects, Inc.		Caolo & Bieniek Associates, Inc.		Lamoureux Pagano Associates Architects, Inc.		Mount Vernon Group Architects, Inc.	
OPM	Pinck & Co., Inc.		Daedalus Projects Inc		Dore & Whittier Management Partners, Inc.		STV DPM (fka STV Inc.)		Symmes Maini & McKee Associates, Inc.		Colliers Project Leaders NE, LLC		PMA Consultants, LLC		PMA Consultants, LLC	
General Contractor	W. T. Rich Company Inc.		Fontaine Brothers, Inc.		Walsh Brothers, Inc.		Fontaine Brothers, Inc.		Fontaine Brothers, Inc.		Fontaine Brothers, Inc.		Fontaine Brothers, Inc.		Bacon Construction Co, Inc.	
DBB or CMR	CMR		DBB		CMR		DBB		CMR		DBB		CMR		DBB	
GC Bids Received or GMP Executed	04/09/18		10/24/18		02/05/19		05/14/19		01/14/20		11/26/19		12/23/2019		2/13/2020	
GSF	87,674		111,437		110,000		106,250		167,352		177,370		142,113		159,989	
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	\$3,222,681	\$37	\$1,135,100	\$10	\$5,121,718	\$47	\$1,809,813	\$17	\$6,123,570	\$37	\$3,754,431	\$21	\$5,114,084	\$36	\$3,014,649	\$19
GMP - Fee	\$603,982	\$7			\$1,038,693	\$9			\$1,625,000	\$10			\$1,410,903	\$10		
GMP - Insurance	\$402,398	\$5			\$1,123,675	\$10			\$1,293,726	\$8			\$1,146,811	\$8		
GMP - Contingency	\$1,873,056	\$21			\$1,298,299	\$12			\$1,518,583	\$9			\$1,452,812	\$10		
Facilities Construction Subgroup																
2 Existing Conditions	\$1,077,300	\$12			\$868,086	\$8	\$600,000	\$6	\$2,345,760	\$14	\$2,000,000	\$11	\$1,946,100	\$14	\$1,382,775	\$9
3 Concrete	\$229,999	\$3	\$3,100,000	\$28	\$2,398,299	\$22	\$5,850,000	\$55	\$3,893,761	\$23	\$5,500,000	\$31	\$4,448,500	\$31	\$3,381,961	\$21
4 Masonry	\$375,000	\$4	\$3,162,000	\$28	\$1,543,000	\$14	\$2,215,000	\$21	\$2,171,000	\$13	\$4,114,237	\$23	\$1,750,000	\$12	\$3,333,500	\$21
5 Metals	\$816,963	\$9	\$4,272,525	\$38	\$4,494,130	\$41	\$5,136,000	\$48	\$6,733,000	\$40	\$8,634,800	\$49	\$4,453,800	\$31	\$4,594,380	\$29
6 Wood, Plastics and Composites	\$1,379,775	\$16	\$840,000	\$8	\$1,574,376	\$14	\$650,000	\$6	\$1,466,055	\$9	\$1,500,000	\$8	\$2,696,513	\$19	\$1,254,440	\$8
7 Thermal and Moisture Protection	\$1,538,605	\$18	\$2,541,500	\$23	\$3,289,493	\$30	\$1,907,661	\$18	\$6,289,580	\$38	\$5,221,341	\$29	\$4,977,190	\$35	\$4,009,403	\$25
8 Openings	\$1,509,609	\$17	\$2,247,517	\$20	\$2,330,274	\$21	\$2,231,667	\$21	\$3,162,228	\$19	\$4,659,950	\$26	\$2,389,560	\$17	\$3,252,527	\$20
9 Finishes	\$2,993,816	\$34	\$4,295,458	\$39	\$5,455,703	\$50	\$4,471,413	\$42	\$9,660,879	\$58	\$12,169,314	\$69	\$9,495,960	\$67	\$9,007,641	\$56
10 Specialties	\$332,471	\$4	\$363,000	\$3	\$783,076	\$7	\$473,000	\$4	\$1,055,954	\$6	\$1,225,000	\$7	\$1,175,396	\$8	\$808,575	\$5
11 Equipment	\$598,325	\$7	\$344,000	\$3	\$576,698	\$5	\$395,000	\$4	\$1,710,822	\$10	\$845,000	\$5	\$1,570,708	\$11	\$616,679	\$4
12 Furnishings	\$66,250	\$1	\$605,000	\$5	\$40,250	\$0	\$515,000	\$5	\$1,834,358	\$11	\$908,000	\$5	\$232,642	\$2	\$1,032,765	\$6
13 Special Construction															\$56,342	\$0
14 Conveying Systems			\$118,000	\$1	\$197,880	\$2	\$123,750	\$1	\$123,425	\$1	\$260,000	\$1	\$145,000	\$1	\$328,500	\$2
Facilities Services Subgroup																
21 Fire Suppression	\$462,500	\$5	\$491,400	\$4	\$437,000	\$4	\$514,800	\$5	\$884,500	\$5	\$798,200	\$5	\$787,122	\$6	\$922,500	\$6
22 Plumbing	\$1,098,700	\$13	\$1,365,000	\$12	\$1,500,000	\$14	\$1,587,000	\$15	\$2,372,352	\$14	\$2,788,000	\$16	\$2,192,000	\$15	\$2,234,000	\$14
23 HVAC	\$3,974,500	\$45	\$3,327,000	\$30	\$5,809,000	\$53	\$3,034,814	\$29	\$5,119,000	\$31	\$9,004,210	\$51	\$5,082,000	\$36	\$6,354,000	\$40
25 Integrated Automation							\$2,197,825	\$21	\$5,753,500	\$34	\$4,422,130	\$25	\$6,105,000	\$43	\$3,356,500	\$21
26 Electrical	\$2,356,587	\$27	\$3,599,500	\$32	\$3,604,000	\$33	\$907,000	\$9			\$2,163,597	\$12			\$1,323,500	\$8
27 Communications	\$978,500	\$11					\$187,000	\$2			\$923,000	\$5			\$450,000	\$3
28 Electronic Safety and Security	\$227,400	\$3					\$904,186	\$9			\$1,213,790	\$7				
Site and Infrastructure Subgroup																
31 Earthwork	\$2,738,196	\$31	\$4,528,000	\$41	\$7,688,085	\$70	\$3,250,000	\$31	\$7,138,403	\$43	\$7,000,000	\$39	\$10,578,660	\$74	\$3,485,253	\$22
32 Exterior Improvements	\$1,335,136	\$15	\$705,000	\$6			\$855,000	\$8	\$2,572,287	\$15	\$1,032,000	\$6	\$3,489,843	\$25	\$4,477,547	\$28
33 Utilities			\$242,000	\$2	\$1,801,682	\$16	\$490,000	\$5	\$2,600,000	\$16	\$1,000,000	\$6			\$1,440,136	\$9
Total Construction Cost	\$30,191,749		\$37,282,000		\$52,973,417		\$40,305,929		\$77,447,743		\$81,137,000		\$72,640,604		\$60,117,573	
\$/GSF	\$344		\$335		\$482		\$379		\$463		\$457		\$511		\$376	
CMR Preconstruction Services	\$167,500				\$170,000				\$250,000				\$286,580			
Total Cost (with Precon. Services)	\$30,359,249		\$37,282,000		\$53,143,417		\$40,305,929		\$77,697,743		\$81,137,000		\$72,927,184		\$60,117,573	
Total Cost - Alternates							2618000				3694000					
Total Cost (with Alternates)	\$30,191,749		\$37,282,000		\$52,973,417		\$42,923,929		\$77,447,743		\$84,831,000		\$72,640,604		\$60,117,573	
Building Cost (Div3 thru 28)	\$18,939,000	\$216	\$30,671,900	\$275	\$34,033,179	\$309	\$33,301,116	\$313	\$52,230,414	\$312	\$66,350,569	\$374	\$47,501,391	\$334	\$46,317,213	\$290
Mark-up Cost (Section 1)	\$6,102,117	\$70	\$1,135,100	\$10	\$8,582,385	\$78	\$1,809,813	\$17	\$10,560,879	\$63	\$3,754,431	\$21	\$9,124,610	\$64	\$3,014,649	\$19
GMP Contingency as % of Total Con Cost	6.20%				2.45%				1.96%				2.00%			