Information as of:

December 2017 Board Meeting

Estimated Construction & Total Project Budget Cost Data at Schematic Design [ON OR AFTER JANUARY 1, 2014]

Middle Schools

The information and data contained in this spreadsheet, for construction projects **starting January 2014**, 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**	**Apr-13**	**Apr-13**	**Apr-13**	**Oct-13**	**Apr-13**	**Mar-14**	**Sep-14**	**Jun-14**
District			**North Adams**	**Auburn**	**Chicopee**	**Peabody**	**Lynn**	**Wachusett**	**Boston**	**Chelsea**	**Haverhill ***
School Name			**Conte Middle School**	**Auburn Middle School**	**Chicopee Academy**	**J. Henry Higgins Middle School**	**Thurgood Marshall MS**	**Mountain View Middle School**	**Dearborn Middle School**	**Clark Avenue Middle School**	**Caleb Distin Hunking Middle School**
Construction Type			**Add/Reno**	**New**	**Renovation**	**New**	**New**	**New**	**New**	**New**	**New**
Enrollment			**310**	**560**	**825**	**1,340**	**1,100**	**800**	**600**	**670**	**1,005**
GSF			**78,119**	**100,395**	**176,425**	**211,982**	**181,847**	**126,200**	**128,304**	**115,235**	**147,996**
Assumed Start of Construction			**Jan-14**	**Apr-14**	**Jul-14**	**Jun-14**	**May-14**	**Mar-14**	**Jun-15**	**Feb-15**	**May-15**
OPM			**Strtegic Building Solutions, LLC**	**Skanska USA Building, Inc.**	**Arcadis U.S., Inc.**	**Daedalus Projects, Inc.**	**Joslin, Lesser & Associates**	**Town Employee**	**Daedalus Projects, Inc.**	**Pinck & Company, Inc.**	**Joslin, Lesser & Associates**
Designer			**Margo Jone Architects, Inc**	**Lamoureux Pagano & Associates, Inc.**	**Caolo & Bieniek Associates, Inc.**	**DiNisco Deisgn Partnership**	**Raymond Design Associates**	**Lamoureux Pagano & Associates, Inc.**	**Jonathan Levi Architects**	**HMFH Architects**	**JCJ Architecture**
Cost Estimator			**AM Fogarty**	**AM Fogarty**	**VJ Associates**	**AM Fogarty**	**VJ Associates**	**AM Fogarty**	**PM&C**	**PM&C**	**VJ Associates**
Division #		**Description of Work**		**Total Costs**							
A		Substructure	$153,700	$1,312,435	$301,703	$2,908,292	$7,244,706	$1,480,143	$1,519,396	$3,253,769	$2,486,821
B		Shell	$4,250,600	$7,638,427	$3,244,857	$16,064,335	$16,624,415	$10,231,943	$11,959,027	$8,546,875	$12,055,257
	B10	Superstructure	$505,200	$2,600,129	$1,173,953	$6,254,054	$6,797,917	$3,931,509	$4,704,030	$4,143,506	$4,609,954
	B20	Exterior Enclosure	$3,144,900	$3,593,701	$1,766,632	$7,513,989	$7,829,061	$5,074,898	$5,633,449	$3,602,488	$5,670,811
	B2010	Exterior Walls		$2,719,810	$292,610	$4,806,352	$4,969,818	$3,820,285	$3,807,442	$2,622,495	$4,272,072
	B2020	Exterior Windows		$717,242	$1,427,522	$2,568,062	$2,716,024	$1,171,583	$1,759,227	$933,823	$1,300,559
	B2030	Exterior Doors		$156,649	$46,500	$139,575	$143,219	$83,030	$66,780	$46,170	$98,180
	B30	Roofing	$600,500	$1,444,597	$304,272	$2,296,292	$1,997,437	$1,225,536	$1,621,548	$800,881	$1,774,492
C		Interiors	$3,216,810	$4,845,427	$4,334,374	$10,300,117	$9,170,553	$5,452,285	$8,421,359	$6,197,127	$6,552,938
D		Services	$5,960,900	$7,902,151	$13,627,146	$16,117,582	$14,941,020	$9,881,752	$12,798,260	$10,101,675	$12,212,163
	D10	Conveying	$247,300	$84,860	$175,000	$210,420	$186,500	$144,360	$161,800	$273,500	$186,420
	D20	Plumbing	$762,400	$1,201,441	$2,277,504	$2,286,565	$2,235,119	$1,310,352	$1,826,092	$1,483,649	$1,655,230
	D30	HVAC	$2,505,800	$3,405,124	$6,121,153	$6,694,921	$6,580,777	$4,056,078	$5,813,852	$4,586,809	$5,947,712
	D40	Fire Protection	$415,900	$436,175	$790,025	$880,896	$746,400	$504,292	$820,440	$455,554	$668,051
	D50	Electrical Utilities	$2,029,500	$2,774,551	$4,263,464	$6,044,780	$5,192,224	$3,866,670	$4,176,076	$3,302,163	$3,754,750
E		Furnishings & Fixed Equipment	$939,100	$1,652,518	$608,580	$2,171,878	$1,933,070	$1,913,682	$1,956,960	$1,211,630	$1,139,563
		Building Value Engineering									
		Building Subtotal	**$14,521,110**	**$23,350,958**	**$22,116,660**	**$47,562,204**	**$49,913,764**	**$28,959,805**	**$36,655,002**	**$29,311,076**	**$34,446,742**
F		Special Construction & Demo	$1,173,870		$1,107,713	$3,396,348	$367,520	$1,480,548	$2,436,300	$3,137,750	$743,385
G		Other Site Construction	$1,338,960	$3,505,297	$1,043,080	$7,663,712	$2,993,029	$3,302,032	$3,048,030	$1,386,359	$3,779,183
	G10	Site Preparation	$229,800	$826,741	$164,112	$1,914,616	$751,752	$773,405	$1,653,874	$265,270	$869,996
	G20	Site Improvements	$817,860	$1,333,642	$425,110	$4,202,561	$1,529,213	$1,255,731	$1,022,336	$814,619	$1,524,479
	G30	Mechanical Utilities	$190,300	$1,023,406	$378,640	$910,885	$554,114	$745,054	$221,820	$170,750	$693,501
	G40	Electrical Utilities	$101,000	$321,508	$75,218	$635,650	$157,950	$527,842	$150,000	$135,720	$691,207
		Other Site Construction									
		Subtotal	**$17,033,940**	**$26,856,255**	**$24,267,453**	**$58,622,264**	**$53,274,313**	**$33,742,385**	**$42,139,332**	**$33,835,185**	**$38,969,310**
Z		Mark-Ups	$4,223,139	$7,018,847	$5,795,644	$13,578,267	$11,534,162	$7,383,471	$14,766,330	$9,788,697	$9,275,820
Z		Insurance		$234,941	$250,000	$643,435	$744,000	$291,862	$590,334		$550,000
Z		Subcontractor Bond	$323,645	$296,026		$649,870	$434,725	$367,746	$306,974		$375,000
Z		Design & Pricing Contingency	$1,703,394	$2,092,901	$2,845,993	$6,563,685	$5,061,060	$2,785,675	$4,293,339	$2,706,815	$3,120,847
Z		General Conditions	$1,429,573	$2,511,368	$1,549,651	$4,151,922	$4,044,377	$2,740,348	$7,556,277	$5,234,605	$3,478,880
Z		Overhead & Profit / GMP Fee	$766,527	$986,653	$650,000	$1,569,355	$1,250,000	$1,197,840	$1,179,406	$1,065,300	$975,000
Z		CM at Risk Contingency		$896,958	$500,000				$840,000	$781,977	$776,093
		Construction Subtotal	**$21,257,079**	**$33,875,102**	**$30,063,097**	**$72,200,531**	**$64,808,475**	**$41,125,856**	**$56,905,662**	**$43,623,882**	**$48,245,130**
Z		Project Scope Adjustments									
Z		Escalation to Construction Mid-Point	$596,188	$1,599,574	$713,893	$2,888,021	$2,916,769	$1,996,401	$3,340,078	$2,422,485	$1,753,700
		Total Construction Cost	**$21,853,267**	**$35,474,676**	**$30,776,990**	**$75,088,552**	**$67,725,244**	**$43,122,257**	**$60,245,740**	**$46,046,367**	**$49,998,830**
		Cost per Square Foot	**$280**	**$353**	**$174**	**$354**	**$372**	**$342**	**$470**	**$400**	**$338**
Bid Alternates				$938,130		$1,647,109	$3,500,000				
CM Preconstruction Services				$100,000	$120,000		$149,540		$370,000	$198,000	$150,000
Construction Contingency			$2,185,327	$1,283,946	$1,750,000	$3,714,253	$3,386,262	$1,293,668	$2,409,830	$1,378,734	$2,084,900
Designer			$2,569,000	$3,290,532	$2,995,350	$6,383,665	$6,528,539	$4,170,500	$6,432,625	$4,707,120	$4,537,364
OPM & other Professional services			$1,176,000	$1,267,968	$1,038,600	$1,722,700	$2,350,461	$1,082,000	$1,770,000	$1,725,020	$1,660,000
FF&E/IT			$744,000	$1,578,000	$994,000	$3,216,000	$2,640,000	$2,075,000	$1,620,000	$1,608,000	$2,412,000
Legal Fees			$10,000			$30,000		$12,000			
Other Soft Costs			$155,000	$150,000	$75,000	$296,000	$4,240,000	$507,500	$250,100	$203,000	$239,906
Owner's Contingency			$1,000,000	$427,982	$250,000	$500,000	$1,479,954	$2,038,770	$400,000	$1,466,166	$417,000
Total Project Budget * **			**$29,692,594**	**$44,511,234**	**$37,999,940**	**$92,598,279**	**$92,000,000**	**$54,301,695**	**$73,498,295**	**$57,332,407**	**$61,500,000**
Bid Alternates				$938,130		$1,647,109	$3,500,000				
Ineligible Costs & Contingency									$1,807,373	$918,270	$1,584,912
Scope Exclusions			$717,199	$8,140,051	$374,213	$13,175,964	$21,520,157	$7,044,756	$22,088,266	$9,370,472	$8,682,744
Basis for Total Facilities Grant			**$28,975,395**	**$35,433,053**	**$37,625,727**	**$77,775,206**	**$66,979,843**	**$47,256,939**	**$49,602,656**	**$47,043,665**	**$51,232,344**
Reimbursement Rate			**80.00%**	**58.61%**	**80.00%**	**56.16%**	**80.00%**	**57.93%**	**75.34%**	**80.00%**	**78.93%**
Maximum Facilities Grant			**$23,180,316**	**$20,767,312**	**$30,100,582**	**$43,678,556**	**$53,583,874**	**$27,375,945**	**$37,370,641**	**$37,634,932**	**$40,363,275**

*** Haverhill Caleb Dustin Dunking Middle School - Maximum Total Facilities Grant reflects recovery of $74,414.**

***** Total Project Budget Value includes the cost of Alternates.**

Published 1/11/2018

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Date Board Approved			**Nov-14**	**Sep-15**	**Sep-15**	**Jul-16**	**Feb-17**	**Feb-17**	**Jun-17**	
District			**Scituate****	**Beverly**	**Provincetown**	**Quincy****	**Lynn**	**Lynn**	**Braintree**	**TOTAL**
School Name			**Gates Intermediate School**	**New Beverly Middle School (Briscoe MS)**	**Provincetown Schools (k-8)**	**Reay E Sterling MS (5-8)**	**Pickering Middle School**	**West Lynn Middle School**	**East Middle School**	
Construction Type			**New**	**New**	**Repair**	**New**	**New**	**New**	**Add/Reno**	
Enrollment			**710**	**1,395**	**n/a**	**430**	**652**	**1,008**	**1,180**	
GSF			**164,803**	**231,509**	**62,645**	**95,732**	**131,295**	**185,444**	**184,425**	**ALL MIDDLE**
Assumed Start of Construction			**Dec-15**	**Dec-15**	**Apr-16**	**Jul-17**	**Apr-18**		**Feb-18**	
OPM			**Daedalus Projects, Inc.**	**HEERY**	**Atlantic Construction & Management, Inc.**	**Joslin, lesser + Assoc. Inc, / NV5**	**LEFTFIELD, LLC**	**LEFTFIELD, LLC**	**Hill International**	**SCHOOLS**
Designer			**Dore & Whittier Architects, Inc.**	**Ai3**	**Raymond Design & Associates, Inc. (RDA)**	**Ai3 Architects, LLC.**	**Raymond Design Associates Inc.**	**Raymond Design Associates Inc.**	**Miller Dyer Spears Architects**	
Cost Estimator			**PM&C**	**PM&C**	**Atlantic Construction & Management, Inc.**	**VJ Associates**	**AM Fogarty**	**AM Fogarty**	**VJ Associates**	
Division #		**Description of Work**	**Total Costs**							
A		Substructure	$2,671,916	$8,661,726	$0	$3,695,436	$2,944,085	$9,817,190	$2,216,125	$50,667,443
B		Shell	$14,556,886	$18,581,244	$595,444	$8,618,110	$16,559,310	$21,785,576	$11,767,216	$183,079,522
	B10	Superstructure	$4,918,798	$8,055,454	$32,235	$3,389,269	$5,779,904	$8,268,346	$3,366,619	$68,530,877
	B20	Exterior Enclosure	$7,259,103	$8,798,120	$140,636	$4,160,996	$9,095,044	$11,451,368	$5,934,014	$90,669,210
	B2010	Exterior Walls	$5,064,095	$8,798,120	$17,165	$0	$5,124,696	$6,544,993	$3,689,175	$56,549,128
	B2020	Exterior Windows	$2,026,703	$0	$123,471	$0	$3,810,785	$4,787,663	$2,153,409	$25,496,073
	B2030	Exterior Doors	$168,305	$0	$0	$0	$159,563	$118,712	$91,430	$1,318,113
	B30	Roofing	$2,378,985	$1,727,670	$422,573	$1,067,845	$1,684,362	$2,065,862	$2,466,583	$23,879,435
C		Interiors	$9,294,095	$10,901,709	$428,745	$7,024,669	$8,801,078	$10,955,486	$8,050,769	$113,947,541
D		Services	$14,571,503	$21,179,383	$2,588,900	$9,272,302	$13,736,509	$19,322,059	$19,160,544	$203,373,849
	D10	Conveying	$180,000	$430,000	$0	$216,000	$136,620	$174,420	$150,000	$2,957,200
	D20	Plumbing	$1,889,540	$3,008,324	$87,949	$1,283,038	$1,749,876	$2,410,023	$2,473,540	$27,940,642
	D30	HVAC	$6,120,253	$8,137,370	$2,098,370	$3,359,852	$6,443,305	$9,215,266	$7,622,123	$88,708,765
	D40	Fire Protection	$611,925	$951,036	$65,000	$368,818	$577,706	$820,633	$890,696	$10,003,547
	D50	Electrical Utilities	$5,769,785	$8,652,653	$337,581	$4,044,594	$4,829,002	$6,701,717	$8,024,185	$73,763,695
E		Furnishings & Fixed Equipment	$2,559,490	$3,626,858	$58,080	$958,806	$2,357,684	$2,854,671	$2,895,585	$28,838,155
		Building Value Engineering							$0	$0
		Building Subtotal	**$43,653,890**	**$62,950,920**	**$3,671,169**	**$29,569,323**	**$44,398,666**	**$64,734,982**	**$44,090,239**	**$579,906,510**
F		Special Construction & Demo	$495,210	$2,402,500	$232,785	$2,243,488	$0	$0	$1,892,087	$21,109,504
G		Other Site Construction	$5,223,669	$5,831,721	$482,123	$3,177,348	$6,487,381	$3,940,686	$3,307,612	$56,510,222
	G10	Site Preparation	$880,628	$1,726,765	$42,374	$554,530	$2,035,881	$991,480	$717,953	$14,399,177
	G20	Site Improvements	$2,068,985	$2,344,492	$396,624	$1,864,777	$2,325,061	$1,580,123	$1,733,579	$25,239,192
	G30	Mechanical Utilities	$1,454,656	$1,104,424	$43,125	$636,791	$1,700,229	$1,027,253	$619,080	$11,474,028
	G40	Electrical Utilities	$819,400	$656,040	$0	$121,250	$426,210	$341,830	$237,000	$5,397,825
		Other Site Construction		$202,677		$4,500	$0	$0	$0	$207,177
		Subtotal	**$49,372,769**	**$71,387,818**	**$4,386,077**	**$34,994,659**	**$50,886,047**	**$68,675,668**	**$49,289,938**	**$657,733,413**
Z		Mark-Ups	$10,139,038	$15,687,921	$1,236,083	$9,806,602	$13,248,348	$12,067,839	$15,982,264	$161,532,472
Z		Insurance	$617,160	$868,582	$54,826	$812,244	$732,600	$915,799	$991,960	$8,297,743
Z		Subcontractor Bond	$320,924	$394,405	$28,510		$673,992	$842,535	$425,126	$5,439,478
Z		Design & Pricing Contingency	$4,757,406	$6,747,967	$559,699	$3,499,466	$4,862,674	$1,841,238	$6,629,497	$60,071,656
Z		General Conditions	$2,962,365	$4,341,939	$364,750	$3,794,515	$4,341,721	$5,171,390	$5,384,926	$59,058,607
Z		Overhead & Profit / GMP Fee	$1,481,183	$1,623,316	$228,298	$895,500	$1,465,201	$1,831,598	$1,417,086	$18,582,263
Z		CM at Risk Contingency		$1,711,712	$0	$804,877	$1,172,160	$1,465,279	$1,133,669	$10,082,725
		Construction Subtotal	**$59,511,807**	**$87,075,739**	**$5,622,160**	**$44,801,261**	**$64,134,395**	**$80,743,507**	**$65,272,202**	**$819,265,885**
Z		Project Scope Adjustments								$0
Z		Escalation to Construction Mid-Point	$2,468,637	$3,053,693	$87,722	$1,749,733	$2,559,302	$2,747,027	$2,464,497	$33,357,720
		Total Construction Cost	**$61,980,444**	**$90,129,432**	**$5,709,882**	**$46,550,994**	**$66,693,697**	**$83,490,534**	**$67,736,699**	**$852,623,605**
		Cost per Square Foot	**$376**	**$389**	**$91**	**$486**	**$508**	**$450**	**$367**	
Bid Alternates					$0	$0	$0	$3,998,400	$0	$10,083,639
CM Preconstruction Services				$192,064	$0	$135,000	$100,000	$100,000	$150,000	$1,764,604
Construction Contingency			$2,526,561	$2,703,883	$342,593	$2,001,657	$3,349,685	$4,174,527	$2,715,468	$37,301,294
Designer			$6,917,495	$9,253,171	$669,260	$5,341,171	$7,226,726	$6,195,000	$7,062,476	$84,279,994
OPM & other Professional services			$1,989,500	$3,504,530	$526,136	$1,721,088	$2,444,100	$2,630,000	$2,365,643	$28,973,746
FF&E/IT			$1,704,000	$3,348,000	$0	$1,720,000	$1,564,800	$2,419,200	$2,832,000	$30,475,000
Legal Fees				$25,000	$0	$0	$0	$0	$40,000	$117,000
Other Soft Costs			$367,000	$355,000	$5,580	$265,000	$1,277,600	$330,000	$75,000	$8,636,686
Owner's Contingency			$265,000	$1,200,000	$57,099	$580,000	$1,004,905	$1,252,358	$494,925	$12,834,159
		Total Project Budget ***	**$75,750,000**	**$110,711,080**	**$7,310,550**	**$58,314,910**	**$83,661,513**	**$104,590,019**	**$83,472,211**	**$1,067,244,727**
Bid Alternates			$0	$0	$0	$0	$0		$0	$6,085,239
Ineligible Costs & Contingency			$2,077,834	$1,802,589	$57,099	$1,536,147	$2,682,748	$3,339,622	$1,367,894	$17,174,488
Scope Exclusions			$25,527,015	$21,349,824	$245,301	$16,776,493	$27,108,897	$29,985,402	$10,890,317	$222,997,071
		Basis for Total Facilities Grant	**$48,145,151**	**$87,558,667**	**$7,008,150**	**$40,002,270**	**$53,869,868**	**$71,264,995**	**$71,214,000**	**$820,987,929**
		Reimbursement Rate	**44.06%**	**56.19%**	**50.68%**	**73.22%**	**80.00%**	**80.00%**	**57.98%**	
		Maximum Facilities Grant	**$20,945,070**	**$49,199,215**	**$3,551,730**	**$29,285,563**	**$43,095,894**	**$57,011,996**	**$41,289,877**	**$558,434,779**

**** Scituate Gates Intermediate School - The Maximum Facilities Grant reflects recovery cost of $267,684.**

**** Quincy R.E. Sterling MS - The Maximum Facilities Grant reflects recovery cost of $4,099.**

***** Total Project Budget Value includes the cost of Alternates.**

**** Braintree East MS - The Maximum Facilities Grant reflects recovery cost of $7,160.**

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