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

Information as of:

December 2018

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.

High Schools

Board Meeting

	incering							1			
		Date Board Approved	Oct-12	Oct-13	Jul-13	Jan-14	Jul-14	Jul-14	Jun-15	Jan-16	Jan-16
		District	Greater Lowell	Winchester	Berkshire Hills	North Middlesex ¹	Holbrook	Plymouth	Pittsfield	Billerica	Minuteman Regional
School Name		Greater Lowell RTHS	Winchester High School	Monument Mountain Regional HS	Regional High School	Holbrook Jr./Sr. High School	Plymouth South High School	Taconic High School	Billerica Memorial HS	Minuteman Regional Vocational Technical HS	
		Construction Type	Repair	Add/Reno	Add/Reno	New	New	New	New	New	New
		Enrollment	1,990	1,370	570	870	1,095	1,005	920	1,610	628
		GSF	505,766	309,142	137,380	180,530	217,353	248,081	246,520	325,191	257,745
	Assume	ned Start of Construction	Mar-14	Jun-14	Nov-14	May-15	Nov-15	Jun-15	Jan-16	Feb-17	Aug-17
		ОРМ	Joslin, Lesser & Associates, Inc.	Skanska USA Building, Inc.	Strategic Building Solutions, LLC	Heery International, Inc.	SMMA	Ted Gentry Associates	Skanska	KV Associates, Inc.	Skanska
		Designer	KBA Architects	Symmes Maini & McKee Associates	SMMA	Symmes Maini & McKee Associates	Flansburg Associates	Ai3 Architects LLC	Drummy Rosanne Anderson, Inc.	Perkins+Will	Kaestle Boos Associate, Inc.
		Cost Estimator	Atlantic Construction & Management	AM Fogarty, Inc.	PM&C	A.M. Fogarty, Inc.	PM&C	PM&C	Gilbane	PM&C	PM&C
Division #	Descriptio	on of Work					Total	Cost			
	ubstructure		\$583,645	\$2,250,990	\$1,065,264		\$2,531,769	\$3,993,470	\$2,491,962	\$3,519,889	
B Sh			\$10,186,500	\$19,046,044	\$7,189,937	\$14,024,734	\$16,057,582		\$18,777,964	\$29,602,363	3 \$20,391,786
B10 B20	Superstruct Exterior En		\$703,420 \$4,394,050	\$3,689,083 \$12,445,753	\$1,238,330 \$1,784,661	\$5,055,274 \$5,882,134	\$6,504,027 \$7,147,168	\$8,662,654 \$8,768,249	\$8,465,685 \$7,715,637	\$12,929,882 \$14,082,289	2 \$8,674,815 9 \$8,246,516
	2010 Exterior Wa		\$4,394,050 \$1,882,165	\$12,445,753 \$8,665,814	\$1,784,661 \$276,948		\$7,147,168 \$5,023,603	\$5,862,988	\$6,373,942	\$14,082,289 \$8,625,095	
	2020 Exterior Wi		\$1,002,103	\$3,595,529	\$1,350,617	\$1,728,357	\$2,025,365	\$3,562,586	\$1,183,935	\$5,323,374	
	2030 Exterior Do		\$272,600	\$184,410	\$157,096	\$187,402	\$98,200	\$323,363	\$157,760	\$133,820	J
B30	Roofing		\$5,089,030	\$2,911,208	\$4,166,946	\$3,087,326	\$2,406,387	\$2,008,759	\$2,596,642	\$2,590,192	2 \$3,470,455
	eriors		\$4,530,640	\$13,429,636	\$5,063,669	\$8,987,130	\$10,410,725	\$12,961,512	\$12,416,341	\$16,793,857	
	ervices		\$19,286,748	\$25,929,654	\$11,339,242	\$14,568,287	\$19,130,764		\$23,297,917	\$29,610,267	
D10 D20	Conveying Plumbing]	\$15,000 \$1,600,685	\$240,000 \$3,869,317	\$51,800 \$1,490,841	\$78,843 \$1,923,161	\$182,300 \$3,017,750	\$213,150 \$3,097,714	\$295,000 \$3,085,466	\$327,000 \$4,310,240	
D20	HVAC		\$1,600,685 \$8,830,788	\$3,669,317		\$1,923,101 \$6,819,124	\$8,365,590	\$3,097,714	\$3,085,466	\$4,310,240	
D40	Fire Protect	ction	\$2,286,604	\$1,453,858	\$601,605	\$768,616	\$814,450	\$1,069,800	\$1,305,931	\$1,622,980	
D50	Electrical U		\$6,553,671	\$7,298,307	\$4,118,982	\$4,978,543	\$6,750,674	\$9,625,651	\$9,610,998	\$11,752,547	
	Irnishings & Fixed Equi		\$2,026,320	\$3,206,606	\$1,966,965	\$3,081,919	\$2,480,265	\$2,217,620	\$3,029,004	\$5,872,590	\$5,883,466
	ilding Value Engineerin	ing				<u> </u>					
	uilding Subtotal		\$36,613,853	\$63,862,930	\$26,625,077	\$44,223,062	\$50,611,105	\$60,612,309	\$60,013,188	\$85,398,966	
	becial Construction & D	Jemo	\$2,963,289	\$5,223,227		\$3,326,174	\$1,583,140	\$1,949,100	\$3,257,268	\$7,045,280	
G Otr G10	her Site Construction Site Prepar	ration	\$1,198,558 \$135,812	\$7,033,731 \$2,548,718	\$2,448,700 \$375,400	\$6,640,382 \$1,730,917	\$8,212,630 \$1,282,844	\$8,320,686 \$1,913,708	\$8,293,358 \$2,923,933	\$13,223,137 \$2,322,677	
G20	Site Improv		\$133,812	\$2,546,718	\$375,400	\$1,730,917 \$2,702,201	\$1,262,644		\$3,258,432	\$7,501,210	
G30	Mechanical		\$413,406	\$764,845	\$512,300	\$1,881,170	\$2,042,057	\$1,575,718	\$1,469,335	\$1,729,100	0 \$1,323,597
G40	Electrical U	Utilities	\$46,000	\$351,614	\$475,200	\$326,094	\$628,980	\$272,000	\$641,658	\$1,670,150	\$1,381,000
	her Site Construction					\$43,798			\$50,000		/
	ubtotal		\$40,775,700 \$0,872,520	\$76,119,888	\$30,621,290	\$54,233,416 \$10,591,207	\$60,406,875	\$70,882,095	\$71,613,814 \$10,704,008	\$105,667,383	3 \$83,666,897
∠ Ma	ark-Ups Insurance		\$9,872,520 \$1,419,606	\$21,035,587 \$1,640,376	\$8,607,400	\$12,581,367 \$583,735	\$15,779,664 \$1,155,422	\$10,207,021 \$354,410	\$19,764,068 \$1,171,170	\$28,766,422 \$12,435,144	
ź Z	Subcontrac		\$300,000	φ1,040,376	\$682,000	\$554,510	φ1,100,422	\$637,939	\$715,787	φ12,433,144	\$1,572,592
Z		Pricing Contingency	\$4,577,111	\$8,575,064	\$3,441,000	\$6,105,889	\$5,783,066		\$8,325,257	\$10,566,738	3 \$8,366,689
Z	General Co	onditions	\$2,242,664	\$3,510,000	\$3,788,800	\$4,140,000	\$3,840,000	\$3,898,515	\$5,783,556		\$9,004,650
Z		& Profit / GMP Fee	\$1,333,139	\$4,480,376	\$695,600	\$1,197,233	\$2,832,526	\$1,772,052	\$1,981,229	\$3,064,354	
Z	GMP Conti	tingency		\$2,829,771			\$2,168,650		\$1,787,069	\$2,700,186	
	onstruction Subtotal oject Scope Adjustmen	nte	\$50,648,220	\$97,155,475	\$39,228,690	\$66,814,783	\$76,186,539 \$3,648,701	\$81,089,116	\$91,377,882	\$134,433,805	5 <mark>\$110,507,223</mark>
	scalation to Construction		\$2,517,411	\$3,780,135	\$2,341,300	\$2,014,943	φ 3,0 40,701	\$2,675,943	\$6,379,491	\$6,340,043	3 \$8,693,669
To	otal Construction Cost ost per Square Foot		\$53,165,631 \$105	\$100,935,610 \$327	\$41,569,990 \$303	\$68,829,726 \$381	\$79,835,240 \$367	\$83,765,059 \$338	\$97,757,373 \$397	\$140,773,848 \$433	\$119,200,892 \$462
Bid Alternates				\$183,012		Ŧ	\$404,800		\$495,000		\$6,516,200
CM Pre-Constru	uction Services			\$500,000		r+	\$600,000		\$250,000	\$250,000	
Construction Co			\$2,658,282	\$5,055,931	\$3,139,000	\$3,458,986	\$4,012,002		\$3,484,613	\$7,150,111	
Designer	~ ·		\$5,685,298	\$10,848,500	\$4,950,000		\$9,135,000	\$7,706,049	\$10,230,985	\$15,085,710	
	ofessional services		\$1,926,000	\$3,642,500			\$3,125,756		\$3,537,370	\$5,004,648	
FF&E/IT			\$1,000,000	\$4,932,000	\$1,468,000	\$3,132,000	\$3,942,000		\$4,098,050	\$5,071,500	
Legal Fees				\$100,000			\$120,000		\$30,000	\$100,000	
Other Soft Costs			\$275,000 \$600,000	\$3,220,000 \$505,593		\$961,608 \$601,707	\$990,000		\$250,000 \$1,161,528	\$1,250,000	
Owner's Conting		laet ***	\$600,000 \$65,310,211	\$505,593 \$129,923,146	\$1,500,000 \$55,667,640	\$691,797 \$89.084.977	\$802,400 \$102,967,198	\$550,823 \$107,800,000	\$1,161,538 \$121,294,929	\$1,311,472 \$175,997,289	2 \$1,192,009 \$151,438,680
Bid Alternates	Total Project Bude	yer	φ03,010,211				\$102,907,190		\$121,294,929	\$173,997,289	
	Total Project Budo			\$183012			ψ+0+,000		φ-00,000	ψU	
				\$183,012	\$3.831.650	\$2,770,689	\$3.213 650	\$3,565,602	\$2,507 039	\$5,930,038	\$3.807.991
Scope Exclusion	& Contingency		\$125,000		\$3,831,650	\$2,770,689 \$19,883,308	\$3,213,650 \$18,689,894		\$2,507,039 \$25,539,786	\$5,930,038 \$40,644,736	
	& Contingency ns	ties Grant		\$26,074,548		\$19,883,308	\$18,689,894	\$12,019,699	\$25,539,786	\$40,644,736	\$40,095,359
	& Contingency ns Basis for Total Facilit		\$65,185,211	\$26,074,548 \$103,665,586	\$51,835,990	\$19,883,308 \$66,430,980	\$18,689,894 \$80,658,854	\$12,019,699 \$87,816,216	\$25,539,786 \$92,753,104	\$40,644,736 \$129,422,515	3 \$40,095,359 \$101,019,130
	& Contingency ns	Rate		\$26,074,548		\$19,883,308	\$18,689,894	\$12,019,699	\$25,539,786	\$40,644,736	\$40,095,359

1 - North Middlesex Regional HS - The Maximum Facilities Grant reflects the recovery of \$67,076.

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

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

Information as of:

High Schools

December 2018

Board Meeting

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

District Stoughton Somerville Saugus ² Cape Cod ³ Middleborough ⁴ Wo School Name Stoughton High School Somerville High School Saugus High School Cape Cod Regional Technical HS Middleborough ⁴ Wo Construction Type New N	Dec-17 rcester ⁵ gh Community New 1,420 59,994 Dct-18 IEERY Pl Pux Pagano & ciates, Inc. ty & Assoc., Inc.	Dec-17 Boston ⁶ Boston Arts Academy New 500 153,476 Sep-18 PMA Construction Services Perkins Eastman/DPC	Feb-18 Attleboro ⁷ Attleboro HS New 1,725 476,425 May-19 Skanska
School Name Stoughton High School Somerville High School Saugus High School Cape Cod Regional Technical HS Middleborough HS South High Construction Type New New <th>gh Community New 1,420 59,994 Oct-18 IEERY Pl eux Pagano & ciates, Inc.</th> <th>Boston Arts Academy New 500 153,476 Sep-18 PMA Construction Services</th> <th>Attleboro HS New 1,725 476,425 May-19 Skanska</th>	gh Community New 1,420 59,994 Oct-18 IEERY Pl eux Pagano & ciates, Inc.	Boston Arts Academy New 500 153,476 Sep-18 PMA Construction Services	Attleboro HS New 1,725 476,425 May-19 Skanska
School Name Stougnton High School Somerville High School Saugus High School HS Middleborough HS South High Construction Type New New New New New New New New Enrollment 1,065 1,590 1,360 650 720 1 GSF 214,600 369,496 269,070 220,880 166,650 33 Assumed Start of Construction Jul-17 Jan-18 Feb-18 Dec-20 Dec-17 C OPM Compass Project Management PMA PMA Colliers International Compass Project Management, Inc. H Designer Drummey Rosane Anderson, Inc. SMMA HMFH Drummey Rosane Anderson, Inc. Lamoure Association A.M. Fogart Division # Description of Work FM& FM& Rider Levett Bucknall Miyakoda Consulting A.M. Fogart	New 1,420 59,994 Doct-18 Dect-18 Dect-	New 500 153,476 Sep-18 PMA Construction Services	New 1,725 476,425 May-19 Skanska
Enrollment 1,065 1,590 1,360 650 720 GSF 214,600 369,496 269,070 220,880 166,650 33 Assumed Start of Construction Jul-17 Jan-18 Feb-18 Dec-20 Dec-17 Compass Project Management, Inc. H OPM Compass Project Management PMA PMA Colliers International Compass Project Management, Inc. H Designer Drummey Rosanne Anderson, Inc. SMMA HMFH Drummey Rosane Anderson, Inc. Drummey Rosane Anderson, Inc. Lamoure Association Division # Description of Work PM&C PM&C Rider Levett Bucknall Miyakoda Consulting A.M. Fogart	1,420 59,994 Dct-18 IEERY Pl Bux Pagano & ciates, Inc.	500 153,476 Sep-18 PMA Construction Services	1,725 476,425 May-19 Skanska
GSF 214,600 369,496 269,070 220,880 166,650 33 Assumed Start of Construction Jul-17 Jan-18 Feb-18 Dec-20 Dec-17 C OPM Compass Project Management PMA PMA Colliers International Compass Project Management, Inc. H Designer Drummey Rosanne Anderson, Inc. SMMA HMFH Drummey Rosane Anderson, Inc. Drummey Rosane Anderson, Inc. Lamoure Association Cost Estimator PM&C PM&C PM&C Rider Levett Bucknall Miyakoda Consulting A.M. Fogard Division # Description of Work Total Cost Total Cost Total Cost Total Cost	59,994 Dct-18 IEERY Pl Dct-20	153,476 Sep-18 PMA Construction Services	476,425 May-19 Skanska
Assumed Start of Construction Jul-17 Jan-18 Feb-18 Dec-20 Dec-17 Compass Project Management, Inc. PMA OPM Compass Project Management PMA PMA Colliers International Compass Project Management, Inc. H Designer Drummey Rosane Anderson, Inc. SMMA HMFH Drummey Rosane Anderson, Inc. Drummey Rosane Anderson, Inc. Lamoure Assoc Otivision # Description of Work PM&C PM&C PM&C Rider Levett Bucknall Miyakoda Consulting A.M. Fogart	Det-18 IEERY Pl eux Pagano & ciates, Inc.	Sep-18 PMA Construction Services	May-19 Skanska
OPM Compass Project Management PMA PMA Colliers International Compass Project Management, Inc. H Designer Drummey Rosanne Anderson, Inc. SMMA HMFH Drummey Rosane Anderson, Inc. Drummey Rosane Anderson, Inc. Lamoure Association Cost Estimator PM&C PM&C PM&C Rider Levett Bucknall Miyakoda Consulting A.M. Fogart Division # Description of Work Total Cost Total Cost Total Cost Total Cost Total Cost	IEERY Pl eux Pagano & ciates, Inc.	PMA Construction Services	Skanska
OFW Compass Project Management PMA PMA Colliers international Inc. PMA Designer Drummey Rosanne Anderson, Inc. SMMA HMFH Drummey Rosane Anderson, Inc. Drummey Rosane Anderson, Inc. Lamoure Association Cost Estimator PM&C PM&C PM&C Rider Levett Bucknall Miyakoda Consulting A.M. Fogard Division # Description of Work Total Cost Total Cost Total Cost Total Cost	eux Pagano & ciates, Inc.		
Designer Inc. MMA HMFH Inc. Inc. Association Cost Estimator PM&C PM&C PM&C Rider Levett Bucknall Miyakoda Consulting A.M. Fogard Division # Description of Work Total Cost	ciates, Inc.	Perkins Eastman/DPC	
Division # Description of Work Total Cost	ty & Assoc., Inc.		Kaestle Boos Associates
		PM&C	PM&C
A Substructure \$2,000,017 \$6,025,007 \$4,001,002 \$5,279,100 \$4,109,929			
	\$7,779,638	\$5,999,651	\$7,491,254
B Shell \$18,749,972 \$35,855,220 \$23,089,994 \$20,993,600 \$14,745,626	\$31,355,727	\$21,370,653	\$42,865,549
B10 Superstructure \$7,774,475 \$12,519,992 \$10,938,078 \$7,838,500 \$6,146,235 0 5 <td>\$13,537,973</td> <td>\$9,050,697</td> <td>\$19,192,257</td>	\$13,537,973	\$9,050,697	\$19,192,257
B20 Exterior Enclosure \$8,312,029 \$17,722,553 \$9,414,509 \$10,281,100 \$6,521,892 B2010 Exterior Walls \$5,952,208 \$12,835,308 \$5,639,966 \$5,092,100 \$4,507,560	\$14,292,278 \$9,937,200	\$10,492,688 \$5,325,295	\$17,912,962 \$10,363,543
B2010 Exterior Windows \$3,932,200 \$12,033,300 \$3,039,900 \$3,092,100 \$4,007,500 B2020 Exterior Windows \$2,245,709 \$4,681,245 \$3,632,103 \$4,863,200 \$1,850,400	\$9,937,200	\$5,048,704	\$7,258,819
B2030 Exterior Doors \$114,112 \$206,000 \$142,440 \$325,800 \$163,932	\$186,510	\$118,689	\$290,600
B30 Roofing \$2,663,468 \$5,612,675 \$2,737,407 \$2,874,000 \$2,077,499	\$3,525,476	\$1,827,268	\$5,760,330
C Interiors \$14,700,692 \$21,475,775 \$18,632,387 \$13,308,500 \$10,815,632	\$22,311,169	\$13,817,948	\$25,504,031
D Services \$19,574,104 \$43,459,701 \$26,094,271 \$22,861,600 \$16,602,130 D	\$36,897,131	\$19,195,122	\$50,329,674
D10 Conveying \$405,000 \$740,000 \$350,000 \$225,000 \$310,525 D20 Plumbing \$2,727,760 \$5,971,978 \$3,3551,465 \$3,309,000 \$2,055,770	\$377,074 \$4,923,262	\$626,800 \$2,794,847	\$320,000 \$6,729,300
D20 Funding 32,77,700 33,37,370 33,30,700 32,000,770 D30 HVAC \$8,141,729 \$18,99,221 \$1,402,776 \$9,562,500 \$6,365,693	\$14,007,717	\$8,064,262	\$0,729,300
Ddd Fire Protection \$1,021,835 \$2,755,200 \$887,025 \$1,088,100 \$992,625	\$1,529,975	\$895,038	\$2,027,300
D50 Electrical Utilities \$7,277,780 \$15,043,302 \$9,803,005 \$8,677,000 \$6,877,517	\$16,059,103	\$6,814,175	\$21,293,810
E Furnishings & Fixed Equipment \$2,525,388 \$4,739,258 \$4,613,668 \$2,697,200 \$4,179,673	\$6,668,705	\$4,065,020	\$8,792,157
Building Value Engineering			
Building Subtotal \$58,510,773 \$111,565,951 \$77,121,412 \$65,139,000 \$50,541,889 F Special Construction & Demo \$3,015,750 \$10,536,145 \$5,160,025 \$2,513,900 \$2,969,000	\$105,012,370 \$4,298,200	\$64,448,394 \$2,554,140	\$134,982,665
F Special Construction & Demo \$3,015,750 \$10,536,145 \$5,160,025 \$2,513,900 \$2,969,000 G Other Site Construction \$8,783,777 \$21,944,804 \$13,337,293 \$9,237,900 \$11,160,446	\$4,298,200 \$20,575,764	\$2,554,140 \$1,379,290	\$7,856,000 \$15,707,685
G Other Site Construction \$6,73,77 \$2,1,944,004 \$10,337,233 \$9,237,900 \$11,100,440 G10 Site Preparation \$2,071,146 \$6,434,250 \$1,537,045 \$2,043,000 \$1,779,286	\$6,911,203	\$295,958	\$2,861,393
G20 Site Improvements \$4,674,490 \$12,818,914 \$8,894,703 \$4,572,500 \$6,580,306	\$8,917,481	\$608,502	\$12,846,292
G30 Mechanical Utilities \$908,445 \$1,856,668 \$1,933,225 \$2,356,100 \$1,881,104	\$3,141,045	\$302,080	\$0
G40 Electrical Utilities \$1,129,696 \$834,972 \$882,320 \$326,300 \$919,750	\$1,606,035	\$172,750	\$0
Other Site Construction \$0	\$0	\$0	\$0
Subtotal \$70,310,300 \$144,046,900 \$95,618,730 \$76,890,800 \$64,671,335 Z Mark-Ups \$21,286,127 \$38,483,421 \$27,285,689 \$21,125,900 \$15,090,574	\$129,886,334	\$68,381,824	\$158,546,350 \$46,040,201
Z Mark-Ups \$21,286,127 \$38,483,421 \$27,285,689 \$21,125,900 \$15,090,574 Z Insurance \$988,762 \$2,373,693 \$2,650,551 \$1,473,400 \$763,536	\$33,496,327 \$2,246,382	\$22,466,346 \$1,168,050	\$46,940,391 \$2,653,742
Z Subcontractor Bond \$1,07,742 \$3,484,770 \$842,000 \$50,261	\$1,402,468	\$801,038	\$2,369,412
Z Design & Pricing Contingency \$7,304,276 \$11,567,703 \$10,039,967 \$8,910,600 \$6,170,233	\$11,689,770	\$6,838,182	\$15,631,941
Z General Conditions \$7,619,380 \$14,288,470 \$5,760,000 \$4,613,400 \$5,326,993	\$9,694,298	\$8,655,546	\$8,640,000
Z Overhead & Profit / GMP Fee \$2,579,380 \$3,645,505 \$5,521,982 \$5,286,500 \$2,328,551	\$4,216,126	\$2,274,332	\$12,432,589
Z GMP Contingency \$1,719,587 \$3,123,280 \$3,313,189 \$0 \$0 Construction Subtotal \$91,596,427 \$182,530,321 \$122,904,419 \$98,016,700 \$79,761,909	\$4,247,283 \$163,382,661	\$2,729,198 \$90,848,170	\$5,212,707 \$205,486,741
Project Scope Adjustments	\$103,302,001	\$90,646,170	\$17,601,571
Z Escalation to Construction Mid-Point \$5,632,303 \$16,521,389 \$4,780,937 \$6,207,100 \$3,007,989	\$9,478,520	\$5,128,637	
	2,861,181 \$480	\$95,976,807 \$625	\$223,088,312 \$468
Bid Alternates \$3,732,461 \$0 \$0 \$0 \$812,500	\$0	\$0	¢∩
Bid Alternates \$3,7,32,461 \$0 \$0 \$0 \$812,500 CM Pre-Construction Services \$150,000 \$696,198 \$400,000 \$0 \$0 \$0	\$0	\$0 \$500,000	\$0 \$350,000
Construction Contingency \$4,038,448 \$12,764,470 \$7,046,121 \$3,126,700 \$4,138,495	\$8,643,059	\$6,718,376	\$2,230,883
Designer \$10,551,120 \$22,805,171 \$13,708,536 \$11,050,549 \$9,202,200	\$15,157,794	\$11,723,293	\$20,078,000
OPM & other Professional services \$3,629,642 \$10,096,956 \$5,286,306 \$3,737,832 \$3,059,119	\$4,467,802	\$3,914,122	\$7,710,985
FF&E/IT \$2,756,000 \$5,096,000 \$4,896,000 \$3,306,500 \$2,543,040	\$5,680,000	\$2,200,000	\$4,140,000
Legal Fees \$20,000 \$10,000 \$25,000 \$0 \$20,000	\$50,000	\$100,000	\$0
Other Soft Costs \$462,000 \$3,790,000 \$705,000 \$743,800 \$516,000 Owned Outbound 0 article and	\$730,000	\$2,855,000	\$1,150,000
Owner's Contingency \$972,287 \$1,672,199 \$968,234 \$1,873,700 \$413,849 Total Project Budget *** \$123,540,688 \$255,982,704 \$160,720,553 \$128,062,881 \$103,475,101 \$209	\$2,131,404 9,971,240	\$767,814 \$124,755,412	\$1,170,000 \$259,918,180
Total Project Budget \$123,340,666 \$233,962,704 \$100,720,333 \$126,062,661 \$103,475,101 \$205 Bid Alternates \$0	\$,971,240 \$0	\$124,755,412	<u>₩233,310,100</u> ¢∩
Did Anterinates 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$6,914,447	\$5,758,608	\$1,215,489
Scope Exclusions \$34,324,555 \$82,551,497 \$39,159,674 \$32,207,304 \$29,504,859	\$58,592,691	\$49,491,816	\$68,232,148
Basis for Total Facilities Grant \$86,149,972 \$164,647,771 \$114,050,943 \$93,697,336 \$70,654,868 \$144	4,464,102	\$69,504,988	\$190,470,543
Reimbursement Rate 60.66% 75.29% 57.72% 45.45% 61.29% 8	0.00%	70.36%	66.65%
	5,571,282	\$48,903,710	\$126,948,617
2 - Saugus High School - The Maximum Facilities Grant reflects the recovery of \$1,740,669. 7 - Attleboro HS - The Maximum Facilities Grant re			

2 - Saugus High School - The Maximum Facilities Grant reflects the recovery of \$1,740,669.

3 - Cape Cod RTHS- The Maximum Facilities Grant reflects the recovery of \$73,779.

4 - Middleborough High School - The Maximum Facilities Grant reflects the recovery of \$4,578.

5 - Worcester - Max. Facilities Grant reflects the recovery of \$13,593

6 - Boston - Max. Facilities Grant reflects the recovery of \$13,090

eboro HS - The Maximum Facilities Grant reflects the recovery of \$1,215,489 7 - At

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

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

High Schools

Information as of:

December 2018

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.

Board Meeting

Date Board Approved Feb18 Jun-18 Aug18 District District Fall River ⁴ Bristol County Belmont ⁴ Construction Type New AddReno AddReno AddReno Construction Type New AddReno AddReno AddReno Enrolment 2.570 660 2.215 Assumed Start of Construction Oct-18 Dec19 Jun-19 Assumed Start of Construction OCt-18 Dec19 Jun-19 Declays Projects, Inc. Designer Al3 HMFH Perkins + Will Declays Projects, Inc. Cost Estimator PM&C PM&C PM&C PM&C Division # Description of Work Total Cost Statutinutin Statutinutin Statutinutin Statutinutinutinutinutinutinutinutinutinuti	TOTAL ALL HIGH HIGH SCHOOLS
School Name BMC Durlee HS Bristol County Agr. HS Belmont HS Construction Type New AddReno AddReno Bit Counter 2,570 640 2,215 Assumed Start of Construction 02+13 Dec-19 Jun-19 Assumed Start of Construction 02+13 Dec-19 Jun-19 OPM Leftfield Colliers International Daedalus Projects, Inc. Designer Al3 HMFH Perkins + Will Cost Estimato PM&C PM&C PMAC Division # Description of Work \$10,00.22 \$27.73.00 \$42.26.52 B10 Substructure \$10,00.22 \$27.73.00 \$42.26.52 B20 Exterior Enclosure \$20.08.81/2 \$2.97.93 \$42.26.52 B20 Exterior Vindows \$0.89.81/2 \$2.97.93 \$22.017.83 B20.00 Exterior Vindows \$0.33.47.65 \$4.42.65.27 B20.01 Exterior Vindows \$0.33.47.65 \$3.44.600 \$5.07.70 B20.02 Exterior Vindows	ALL HIGH HIGH
Construction Type New AddReno AddReno Enrollment 2,570 640 2,215 GSF 501,330 196,151 445,100 Assumed Start of Construction Oc+18 Dec.19 Jun-19 OPM Leftfield Colliers International Daedalus Projects, Inc. Designer Al3 HMFH Perkins + Will Dotation # Description of Work Total Cost Fall Subatructure Stoldarus \$10,040,225 \$2,777,300 \$12,211,842 B Sholl Stoldarus \$30,066,451 \$4,307,500 \$12,241,842 B Stoldarus \$20,068,412 \$30,307,500 \$22,217,300 \$12,241,842 B Stoldarus \$20,068,412 \$30,307,500 \$22,217,303 \$22,217,303 B20 Exterior Finclosure \$30,066,451 \$4,076,500 \$12,443,977 B20 Exterior Windows \$30 \$2,217,303 \$22,217,303 B202 Exterior Windows \$30 \$2,413,000 \$414,455,203	ALL HIGH HIGH
Enrolment 2.70 640 2.215 05F 501.330 196,151 446.100 Assumed Start of Construction Oct-18 Dec-19 Jun-19 0PM Leftfield Colliers International Daedalus Projects, Inc. Designer A(3 HMFH Perkins + Will Cost Estimator PM&C PM&C PM&C Division # Description of Work Studetructure Studetructure 8 Shell Superstructure \$10,040,225 \$27,173.300 \$12,811,842 8 Substructure \$10,040,225 \$27,173.300 \$12,811,842 \$2,87,975.000 \$12,841,842 8 Shell Superstructure \$15,066,451 \$4,977,550 \$19,446,977 820 Exterior Walts \$20,068,812 \$3,907,500 \$12,21,19,33 9 Shill opticits Starter Walts \$20,068,812 \$3,907,500 \$3,22,019,33 9 Starter Walts \$4,00,00 \$4,492,200 \$3,397,101 \$3,397,101 10 Careter	HIGH HIGH
GSF 501,300 199,151 445,100 Assumed Start of Construction Oct-18 Dec-19 Jun-19 OPM Leftfield Colliers International Daedalus Projects, Inc. Designer At3 HMFH Perkins + Will Description of Work Total Cost PM&C PM&C PM&C Division # Description of Work Total Cost Status	HIGH
Assumed Start of Construction Oct-18 Dec-19 Jun-19 OPM Leftfield Colliers International Daedalus Projects, Inc. Designer Al3 HMFH Perkins + Will Cost Estimator PM&C PM&C PM&C Division # Description of Work Total Cost St2217.300 S12,811.842 B Sholl Substructure \$10,040,225 \$2,717.300 \$12,811.842 B Substructure \$10,040,225 \$2,717.300 \$12,811.842 B Sholl Superstructure \$2,068,812 \$3,97.000 \$12,211.342 B Bohl Extende Teclosure \$2,068,812 \$3,910,000 \$14,492.540 B Sholl South Produces \$2,910,400,000 \$14,492.540 \$2,010,88,112 \$3,010,000 \$14,492.540 B Sholl South Produces \$2,912,813,492 \$2,912,813,912 \$2,912,813,912 \$2,912,813,912 \$2,912,813,912 \$2,912,813,912 \$2,912,813,912 \$2,912,813,912 \$2,912,813,912 \$2,912,912,913 \$2,912,	
OPM Leftfield Colliers International Daedalus Projects, Inc. Designer Al3 HMFH Perkins + Will Cost Estimator PM&C PM&C PM&C Division # Description of Work Total Cost PM&C B Stubstructure \$10,040,225 \$2,77,300 \$12,811,842 B Sheil Spectructure \$10,040,225 \$2,77,300 \$12,841,842 B B Sheil Spectructure \$10,040,225 \$2,77,300 \$12,841,842 B B Sheil Spectructure \$10,040,225 \$2,77,300 \$12,841,842 B B Exterior Enclosure \$20,088,812 \$5,93,07,500 \$22,217,933 B B20/10 Exterior Twoles \$4,080,27 \$5,100,00 \$3,462,200 B B20/20 Exterior Doors \$4,980,27 \$1,104,1500 \$8,307,500 B B20/200 Exterior Doors \$4,981,527 \$1,104,21,500 \$8,304,660 D Services \$4,981,527	SCHOOLS
Designer Al3 HMFH Perkins + Will Cost Estimator PM&C PM&C PM&C Division# Description of Work	
Cost Estimator PM&C PM&C PM&C PM&C Division # Description of Work State Cost State Cost State Cost B Shell Substructure \$10.040.225 \$2.717.300 \$12.811.842 B Shell Shell State Cost \$40.325.500 \$17.7464.800 \$45.255.237 B 20 Exterior Enclosure \$20.0698.812 \$9.307.500 \$12.814.48.977 B 20 Exterior Windows \$30 \$2.2761.000 \$54.815.299 B 20200 Exterior Windows \$31 \$3.317.576 \$9.100 \$56.851.299 B 20200 Exterior Doors \$31.331.576 \$9.10.700 \$33.907.100 \$30.907.1091 D B 2000 Exterior Doors \$34.4300 \$814.500 \$52.904.660 D 10 Conveying \$39.43.03 \$814.500 \$52.904.567 D 20 Plumbing \$8.86.573 \$2.440.500 \$52.509.557 D 40 Fire Protection \$2.121.03.35 \$6.92.020 \$19.802.238 E	
Division # Description of Work Total Cost Λ Substructure \$10.040.225 \$2.717.300 \$12.811.442 B Shell Shell \$10.040.225 \$2.717.300 \$12.811.442 B Shell Superstructure \$15.066.451 \$4.975.500 \$17.646.800 \$44.255.237 B B20 Exterior Enclosure \$20.0696.812 \$3.07.500 \$22.017.933 B B2020 Exterior Windows \$0 \$2.461.000 \$4.4525.237 B B2030 Exterior Windows \$0 \$2.465.00 \$2.017.933 C Interiors \$0 \$3.445.500 \$3.20.770 \$3.362.800 \$3.2767 B Reoring \$3.131.576 \$3.90.700 \$3.02.907 \$3.962.800 \$3.2763.227 C Interiors \$3.131.576 \$3.90.700 \$3.08.6460 \$4.07.000 \$3.942.4600 \$4.07.000 \$3.942.4600 \$4.97.000 \$3.29.962.577 \$3.08.2700 \$3.29.804.660 \$3.904.660 \$4.97.000 \$3.28.06.640 \$3.98.4.660	
A Substructure \$10.040.225 \$2.71.300 \$12.811.842 B Shell \$40.325.500 \$17.646.800 \$45.255.237 B10 Superstructure \$15.066.451 \$4.976.500 \$19.448.077 B20 Exterior Enclosure \$20.098.812 \$5.000 \$2.217.933 B2010 Exterior Walls \$20.698.812 \$5.000 \$2.201.733 B2020 Exterior Walls \$20.698.812 \$5.000 \$2.217.933 B2020 Exterior Walls \$20.698.812 \$5.000 \$2.07.700 B30 Roofing \$3.133.1576 \$3.93.100 \$3.09.71.091 D Services \$4.98.15.273 \$19.421.500 \$3.09.71.091 D10 Conveying \$3.94.300 \$814.800 \$4.07.000 D20 Plumbing \$6.896.573 \$2.440.500 \$2.609.577 D30 HVAC \$19.130.101 \$4.20.500 \$2.20.90.577 D40 Fire Protection \$2.121.335 \$6.920.200 \$19.892.238 E Furnishings & Fix	
B Shell Specific State State <thstate< th=""> State State</thstate<>	
B10 Superstructure \$15,066,451 \$4,976,500 \$19,448,977 B20 Exterior Enclosure \$20,068,812 \$9,907,500 \$22,077,033 B2010 Exterior Walls \$20,068,812 \$5,000 \$5,217,933 B2020 Exterior Walls \$20,068,812 \$5,000 \$5,651,259 B2030 Exterior Vindows \$0 \$2,445,500 \$23,770 B30 Roofing \$3,133,1676 \$9,10,700 \$3,383,271,001 D Services \$44,815,273 \$19,421,500 \$53,390,4660 D10 Conveying \$33,331,676 \$9,10,700 \$50,357,000 D20 Plumbing \$6,886,573 \$2,440,500 \$26,050,557 D40 Fire Protection \$21,133,247 \$828,700 \$22,008,228 D50 Electrical Utilities \$21,132,447 \$828,700 \$23,028,215 Building Value Engineering \$0 \$13,30,333,453,402 \$13,30,433,333,433,433,433,333,333,333,333	\$96,021,09
B20 Exterior Enclosure \$20,698,812 \$9,307,500 \$22,217,933 B2010 Exterior Windows \$20,698,812 \$6,100,000 \$14,462,904 B2020 Exterior Windows \$0 \$2,751,000 \$6,851,259 B30 Exterior Doors \$0 \$446,500 \$2,03,770 B30 Exterior Doors \$3 \$3,362,800 \$3,786,327 C Interiors \$43,15,273 \$19,421,500 \$53,904,660 D10 Conveying \$39,4300 \$814,600 \$407,000 D20 Plumbing \$848,673 \$2,440,500 \$6,836,640 D30 HVAC \$19,130,818 \$8,420,500 \$25,505,657 D40 Fire Protection \$2,1210,335 \$8,92,200 \$19,802,238 E Furnishings & Fixed Equipment \$7,241,448 \$2,2316,100 \$8,326,615 Building Value Englenering \$10 \$19,802,238 \$11,222,400 \$19,802,238 F Special Construction & Demo \$7,445,625 \$2,008,205 \$9,336,375	\$466,970,45
B2010 Exterior Windows \$20,698,812 \$6,100,000 \$14,462,904 B2020 Exterior Doors \$30 \$2,751,000 \$6,851,259 B2030 Exterior Doors \$4,560,237 \$3,362,800 \$2,3770 B30 Roofing \$4,560,237 \$3,362,800 \$3,776 C Interiors \$3,3767 \$9,30,770 \$3,378,327 C Interiors \$3,31,576 \$9,10,700 \$3,094,660 D10 Conveying \$349,400 \$84,600 \$6,636,640 D20 Plumbing \$58,866,573 \$2,440,500 \$26,636,640 D30 HVAC \$19,130,818 \$8,420,500 \$26,050,557 D40 Fire Protection \$2,238,247 \$825,700 \$2,208,225 D50 Electrical Unities \$2,1,210,335 \$6,692,020 \$19,402,238 F Special Construction & Demo \$7,445,625 \$2,008,200 \$9,936,375 G Other Site Construction \$17,080,064 \$8,426,700 \$1,4350,966 G Oth	\$182,413,30 \$217,440,7
B2020 Exterior Windows \$0 \$2.761,000 \$8.851,259 B30 Roofing \$4.560,237 \$3.362,800 \$203,770 B30 Roofing \$4.560,237 \$3.362,800 \$3.788,327 C Interiors \$3.371,576 \$3.107,00 \$30.971,091 D Services \$49.815,273 \$19.421,500 \$53.904,660 D10 Conveying \$39.43,00 \$54.46,00 \$4007,000 D30 HVAC \$19,130,818 \$84.20,500 \$22,050,557 D40 Fire Protection \$21,32,247 \$822,700 \$2,008,225 D50 Electrical Utilities \$21,210,335 \$6.920,200 \$19.902,238 E Furnishings & Fixed Equipment \$7,241,448 \$2,316,100 \$8.328,615 Building Value Engineering \$0 \$1 \$100,55,400 \$13,930,9375 G Other Site Construction & Smoo \$1,445,625 \$2.008,200 \$19,91,373 G Other Site Proparation \$31,375,700 \$1,455,400 \$19,91,373	\$150,338,34
B2030 Exterior Doors \$0 \$446,500 \$203,770 B30 Roding \$46,60,237 \$3,362,800 \$3,783,327 C Interiors \$31,31,576 \$9,130,700 \$30,971,091 D Services \$49,815,273 \$19,421,500 \$53,904,860 D10 Conveying \$394,300 \$814,600 \$407,000 D20 Plumbing \$6,886,573 \$2,440,500 \$8,636,640 D30 HVAC \$19,130,818 \$\$8,420,500 \$2,505,557 D40 Fire Protection \$2,193,247 \$2,520,05,557 D50 Electrical Utilities \$2,121,0,35 \$6,920,200 \$19,802,238 E Furnishings & Fixed Equipment \$7,241,448 \$2,316,100 \$8,328,615 Building Subtotal \$138,754,022 \$51,222,400 \$151,271,445 F Special Construction & Berno \$7,445,625 \$2,008,200 \$9,398,375 G Other Site Construction & S17,080,054 \$8,426,700 \$14,350,9286 G10 Site Improvements \$8	\$63,389,36
C Interiors \$31.31.576 \$9.130.700 \$30.971.081 D Services \$44.815.273 \$19.421.500 \$53.904.660 D10 Conveying \$394.300 \$814.600 \$407.000 D20 Plumbing \$6.866.573 \$2.440.500 \$56.33.640 D30 HVAC \$1130.818 \$8.420.500 \$25.055.57 D40 Fire Protection \$2.193.247 \$855.700 \$2.008.225 D50 Electrical Utilities \$2.1210.335 \$6.620.200 \$11.802.238 E Furnishings & Fixel Equipment \$7.241.448 \$2.2316.100 \$8.328.615 Building Value Engineering \$0 \$151.1271.445 \$153.7445.625 \$2.008.200 \$8.936.375 G Other Site Construction & Demo \$7.445.625 \$2.008.200 \$8.936.375 G10 Site Preparation \$31.700.054 \$8.426.700 \$19.91.873 G20 Site Improvements \$8.733.373 \$4.446.300 \$9.290.810 G33 Mechanical Utilities \$8.33.350 \$1.375.700	\$3,713,00
D Services \$49,815,273 \$19,421,500 \$53,904,660 D10 Conveying \$394,300 \$814,600 \$407,000 D20 Plumbing \$58,886,573 \$2,440,500 \$6,636,640 D30 HVAC \$19,130,818 \$8,420,500 \$25,050,557 D40 Fire Protection \$2,133,247 \$825,700 \$20,082,225 D50 Electrical Utilities \$21,121,333 \$6,920,200 \$19,802,238 E Furnishings & Fixed Equipment \$7,241,448 \$2,316,100 \$8,328,615 Building Value Engineering \$0 \$151,271,445 \$52,008,200 \$8,936,375 G Other Site Construction & Str38,754,022 \$51,232,400 \$151,271,445 \$52,008,200 \$8,936,375 G Other Site Construction & Str38,754,022 \$51,032,000 \$8,936,375 \$52,008,200 \$8,920,200 \$19,986,375 G 20 Site Improvements \$8,783,373 \$4,446,300 \$92,90,810 \$49,843,00 \$1,991,873 G 20 Site Improvements \$8,378,370 \$1,095,400	\$67,116,43
D10 Conveying \$394,300 \$814,600 \$407,000 D20 Plumbing \$6,866,573 \$2,440,500 \$6,636,640 D30 HVAC \$19,130,818 \$8,420,500 \$22,050,557 D40 Fire Protection \$2,193,247 \$825,700 \$2,008,225 D50 Electrical Utilities \$21,213,325 \$6,920,200 \$19,19,02,238 E Furnishings & Fixed Equipment \$7,241,448 \$2,316,100 \$8,328,615 Building Value Engineering \$0 \$19,132,474,455 \$2,008,200 \$9,936,375 G Other Site Construction & Demo \$7,445,625 \$2,008,200 \$9,936,375 G Other Site Construction \$138,754,022 \$51,232,400 \$14,350,958 G10 Site Preparation \$131,71,445 \$19,91,873 \$2,008,200 \$9,936,375 G Other Site Construction \$10,97,400 \$14,350,958 \$10,97,400 \$14,350,958 G10 Site Improvements \$2,470,373 \$4,446,300 \$9,290,810 G20 Site Improvements \$2,	\$310,341,47
D20 Plumbing \$8.886,573 \$2.440,500 \$6.868,640 D30 HVAC \$19,130,818 \$8.420,500 \$25,050,557 D40 Fire Protection \$2,193,247 \$\$25,700 \$2,008,225 D50 Electrical Utilities \$21,210,335 \$6,920,200 \$19,802,238 E Fumishings & Fixed Equipment \$7,241,448 \$2,316,100 \$8,328,615 Building Value Engineering \$0 \$19,802,238 \$19,802,238 F Special Construction & Demo \$7,445,625 \$2,008,200 \$9,936,375 G Other Site Construction \$17,080,054 \$8,426,700 \$14,350,958 G:20 Site Improvements \$8,783,373 \$4,446,300 \$9,920,810 G:30 Mechanical Utilities \$8,33,350 \$1,375,700 \$1,412,875 G:40 Electrical Utilities \$8,33,350 \$1,375,700 \$1,412,875 G:40 Mark-Ups \$4,44,47,362 \$18,486,800 \$4,945,5631 G:40 Electrical Utilities \$4,346,370 \$1,603,300 \$1,455,630	\$548,949,27 \$6,738,74
D30 HVAC \$19,130,818 \$8,420,500 \$25,050,557 D40 Fire Protection \$2,193,247 \$825,700 \$2,008,225 D50 Electrical Utilities \$21,210,335 \$6,920,200 \$19,802,238 E Furnishings & Fixed Equipment \$7,241,448 \$2,316,100 \$8,328,615 Building Value Engineering \$0 \$10,802,238 \$10,92,238 \$10,92,238 F Special Construction & Demo \$7,241,448 \$2,316,100 \$8,328,615 Building Subtotal \$138,754,022 \$51,232,400 \$151,271,445 F Special Construction & Demo \$7,244,56,25 \$2,008,200 \$9,936,375 G Other Site Construction \$117,080,054 \$8,426,700 \$14,350,958 G10 Site Preparation \$3,316,961 \$1,095,400 \$19,992,90,810 G30 Mechanical Utilities \$4,343,70 \$1,093,00 \$1,455,400 G40 Electrical Utilities \$43,33,350 \$1,375,700 \$1,612,875 Other Site Construction \$0 \$264,700 \$16	\$73,979,09
D40 Fire Protection \$2,193,247 \$825,700 \$2,008,225 D50 Electrical Utilities \$21,210,335 \$6,920,200 \$19,802,238 E Furnishings & Fixed Equipment \$7,241,448 \$2,316,100 \$8,328,615 Building Value Engineering \$0 \$2 \$19,802,238 \$30 F Special Construction & Demo \$7,444,625 \$2,008,200 \$8,938,375 G Other Site Construction \$117,080,054 \$8,426,700 \$14,350,958 G10 Site Improvements \$8,783,373 \$4,444,300 \$9,290,810 G30 Mechanical Utilities \$4,346,370 \$1,509,300 \$1,455,400 G40 Electrical Utilities \$4,346,370 \$1,509,300 \$1,612,875 Quber Site Construction \$0 \$2,64,700 \$1,612,875 Quber Site Construction <td>\$231,111,76</td>	\$231,111,76
E Furnishings & Fixed Equipment \$7,241,448 \$2,316,100 \$8,328,615 Building Value Engineering \$0 \$0 \$138,754,022 \$51,232,400 \$151,271,445 F Special Construction & Demo \$7,445,625 \$2,008,200 \$9,936,375 G Other Site Construction \$17,080,054 \$8,426,700 \$11,350,936 G10 Site Preparation \$3,116,961 \$1,095,400 \$9,936,375 G20 Site Improvements \$8,783,373 \$4,446,300 \$9,290,810 G30 Mechanical Utilities \$8,783,373 \$4,446,300 \$9,290,810 G40 Electrical Utilities \$8,33,350 \$1,375,700 \$1,612,875 Other Site Construction \$0 \$264,700 \$1,612,875 Z Mark-Ups \$163,279,701 \$6,132,2000 \$175,558,778 Z Mark-Ups \$1,612,875 \$2,000,953 \$1,071,300 \$3,910,468 Z Design & Pricing Contingency \$163,279,701 \$6,356,300 \$14,946,558 Z Mark-Ups \$3,910,468<	\$27,486,79
Building Value Engineering \$0 Building Subtotal \$138,754,022 \$51,232,400 \$151,271,445 F Special Construction & Demo \$7,445,625 \$2,008,200 \$9,936,375 G Other Site Construction \$17,080,054 \$8,426,700 \$14,350,958 G10 Site Preparation \$3,116,961 \$1,095,400 \$1,991,873 G20 Site Improvements \$8,783,373 \$4,446,300 \$9,290,810 G30 Mechanical Utilities \$4,346,370 \$1,509,300 \$1,455,400 G40 Electrical Utilities \$43,463,700 \$1,612,875 \$1,612,875 Other Site Construction \$0 \$264,700 \$1,612,875 \$1,612,875 Z Mark-Ups \$163,279,701 \$61,932,000 \$1,75,58,778 Z Mark-Ups \$41,847,362 \$16,86,600 \$49,815,631 Z Subtotal \$24,700 \$3,910,468 \$2 Z Mark-Ups \$41,847,362 \$16,86,600 \$49,815,631 Z Design & Pricing Contingency \$16,32	\$209,632,87
Building Subtotal \$138,754,022 \$51,232,400 \$151,271,445 F Special Construction & Demo \$7,445,625 \$2,008,200 \$9,936,375 G Other Site Construction \$17,080,054 \$8,426,700 \$14,350,958 G10 Site Preparation \$3,116,961 \$10,95,400 \$19,91,873 G20 Site Improvements \$8,783,373 \$4,446,300 \$9,290,810 G30 Mechanical Utilities \$4,346,370 \$1,509,300 \$1,455,400 G40 Electrical Utilities \$833,350 \$1,377,700 \$1,612,875 Other Site Construction \$0 \$264,700 \$163,279,701 \$61,932,000 \$49,815,631 Z Mark-Ups \$41,847,362 \$18,468,600 \$49,815,631 \$3,910,468 Z Insurance \$4,019,538 \$1,071,300 \$3,910,468 \$2 Z Design & Pricing Contingency \$16,327,970 \$6,356,300 \$14,946,558 Z Mark-Ups Subcontractor Bond \$0 \$761,200 \$2 Z Design & Pri	\$85,931,98
F Special Construction & Demo \$7,445,625 \$2,008,200 \$9,936,375 G Other Site Construction \$17,080,054 \$8,426,700 \$14,350,958 G10 Site Preparation \$3,116,961 \$1,095,400 \$1,919,873 G20 Site Improvements \$8,783,373 \$4,446,300 \$2,920,810 G30 Mechanical Utilities \$4,346,370 \$1,509,300 \$1,455,400 G40 Electrical Utilities \$43,346,370 \$1,375,700 \$1,612,875 Other Site Construction \$0 \$264,700 \$1,612,875 Z Mark-Ups \$41,847,362 \$18,486,600 \$49,815,631 Z Mark-Ups \$41,847,362 \$18,486,600 \$49,815,631 Z Subcontractor Bond \$0 \$761,200 \$761,200 Z Design & Pricing Contingency \$18,895,525 \$2,030,200 \$44,51,569 Z Design & Pricing Contingency \$2,2471,465 \$22,471,465 Z General Conditions \$0 \$6,851,200 \$22,471,465 Z <td>¢4 500 04 1 0</td>	¢4 500 04 1 0
G Other Site Construction \$17,080,054 \$8,426,700 \$14,350,958 G10 Site Preparation \$3,116,961 \$1,095,400 \$1,991,873 G20 Site Improvements \$8,783,373 \$4,446,300 \$920,810 G30 Mechanical Utilities \$4,346,370 \$1,509,300 \$1,455,400 G40 Electrical Utilities \$833,350 \$1,375,700 \$1,612,875 Other Site Construction \$0 \$264,700 \$163,279,701 \$4,846,800 \$43,816,831 Z Mark-Ups \$163,279,701 \$61,932,000 \$175,558,778 \$15,90,468 Z Mark-Ups \$41,847,362 \$18,468,600 \$49,815,631 Z Insurance \$4,019,538 \$1,071,300 \$3,910,468 Z Design & Pricing Contingency \$16,327,970 \$6,356,300 \$14,946,558 Z Design & Pricing Contingency \$16,327,970 \$6,356,300 \$22,471,465 Z Design & Pricing Contingency \$16,327,970 \$6,851,200 \$22,471,465 Z Design & Pricing C	\$1,508,214,28 \$88,397,35
G10 Site Preparation \$3,116,961 \$1,095,400 \$1,991,873 G20 Site Improvements \$8,783,373 \$4,446,300 \$9,290,810 G30 Mechanical Utilities \$4,346,370 \$1,509,300 \$1,455,400 G40 Electrical Utilities \$33,350 \$1,375,700 \$1,612,875 Other Site Construction \$0 \$264,700 \$1,612,875 Z Mark-Ups \$163,279,701 \$61,932,000 \$175,558,778 Z Mark-Ups \$163,279,701 \$61,932,000 \$175,558,778 Z Mark-Ups \$41,847,362 \$18,468,600 \$49,815,631 Z Insurance \$40,019,538 \$1,071,300 \$3,910,468 Z Subcontractor Bond \$0 \$761,200 \$14,946,558 Z General Conditions \$0 \$6,851,200 \$24,714,65 Z General Conditions \$0 \$6,851,200 \$4,451,569 Z General Conditions \$0 \$6,851,200 \$4,451,569 Z General Conditions	\$88,397,3
G20 Site Improvements \$8,783,373 \$4,446,300 \$9,290,810 G30 Mechanical Utilities \$4,346,370 \$1,509,300 \$1,455,400 G40 Electrical Utilities \$833,350 \$1,375,700 \$1,612,875 Other Site Construction \$0 \$264,700 \$264,700 \$264,700 Subtotal \$163,279,701 \$61,932,000 \$175,558,778 \$278 Z Mark-Ups \$44,1847,362 \$18,468,600 \$49,815,631 Z Insurance \$4,019,538 \$1,071,300 \$3,910,468 Z Subcontractor Bond \$0 \$761,200 \$3,910,468 Z Design & Pricing Contingency \$163,27,970 \$6,356,300 \$14,946,558 Z Design & Pricing Contingency \$163,27,970 \$6,356,300 \$14,946,558 Z Design & Pricing Contingency \$163,27,970 \$6,356,300 \$14,946,558 Z General Conditions \$0 \$6,851,200 \$22,471,465 Z General Conditions \$0 \$6,851,200 \$4,451,569	\$45,828,93
G40 Electrical Utilities \$833,350 \$1,375,700 \$1,612,875 Other Site Construction \$0 \$264,700 ************************************	\$113,423,62
Other Site Construction \$0 \$264,700 Subtotal \$163,279,701 \$61,932,000 \$175,558,778 Z Mark-Ups \$41,847,362 \$18,468,600 \$49,815,631 Z Insurance \$41,847,362 \$18,468,600 \$49,815,631 Z Insurance \$40,019,538 \$1,071,300 \$3,910,468 Z Subcontractor Bond \$0 \$761,200 \$14,946,558 Z Design & Pricing Contingency \$16,327,970 \$6,356,300 \$14,946,558 Z General Conditions \$0 \$761,200 \$22,471,465 Z General Conditions \$0 \$6,851,200 \$2,471,465 Z Overhead & Profit / GMP Fee \$18,695,525 \$2,030,200 \$4,451,569 Z GMP Contingency \$2,804,329 \$1,398,400 \$4,035,571 Z GMP Contingency \$2,804,329 \$1,398,400 \$4,035,571 Z GMP Contingency \$2,604,329 \$1,398,400 \$4,035,571 Z Escalation to Construction Mid-Point \$7,347	\$31,401,20
Subtotal \$163,279,701 \$61,932,000 \$175,558,778 Z Mark-Ups \$41,847,362 \$18,468,600 \$49,815,631 Z Insurance \$41,847,362 \$18,468,600 \$49,815,631 Z Insurance \$41,847,362 \$18,468,600 \$49,815,631 Z Subcontractor Bond \$0 \$761,200 \$3,910,468 Z Design & Pricing Contingency \$163,27,970 \$6,356,300 \$14,946,558 Z General Conditions \$0 \$6,851,200 \$22,471,465 Z General Conditions \$0 \$6,851,200 \$22,471,465 Z General Conditions \$0 \$6,851,200 \$4,451,569 Z GMP Contingency \$2,804,329 \$1,398,400 \$4,035,571 Z GMP Contingency \$2,051,127,063 \$80,400,600 \$225,374,409 Z Escalation to Construction Mid-Point \$7,347,587 \$3,553,300 \$11,273,198 Z Escalation to Construction Mid-Point \$7,347,587 \$33,553,900 \$236,647,607	\$15,486,44
Z Mark-Ups \$41,847,362 \$18,468,600 \$49,815,631 Z Insurance \$4,019,538 \$1,071,300 \$3,910,468 Z Subcontractor Bond \$0 \$761,200 \$16,327,970 \$6,356,300 \$14,946,558 Z Design & Pricing Contingency \$16,327,970 \$6,356,300 \$14,946,558 Z General Conditions \$0 \$6,851,200 \$22,471,465 Z Overhead & Profit / GMP Fee \$18,695,525 \$2,030,200 \$4,451,569 Z GMP Contingency \$2,804,329 \$1,398,400 \$4,035,571 Construction Subtotal \$205,127,063 \$80,400,600 \$22,374,409 Project Scope Adjustments \$5,54,960 \$5,53,300 \$11,273,198 Z Escalation to Construction Mid-Point \$7,347,587 \$3,553,300 \$11,273,198 Total Construction Cost Cost per Square Foot \$217,839,610 \$83,953,900 \$236,647,607 \$435 \$428 \$532 \$428 \$532	\$358,49
Z Insurance \$4,019,538 \$1,071,300 \$3,910,468 Z Subcontractor Bond \$0 \$761,200 Z Design & Pricing Contingency \$16,327,970 \$6,356,300 \$14,946,558 Z General Conditions \$0 \$6,851,200 \$22,471,465 Z Overhead & Profit / GMP Fee \$18,695,525 \$2,030,200 \$4,451,569 Z GMP Contingency \$2,804,329 \$1,398,400 \$4,035,571 Construction Subtotal \$205,127,063 \$80,400,600 \$225,374,409 Project Scope Adjustments \$5,564,960 \$53,53,300 \$11,273,198 Z Escalation to Construction Mid-Point \$7,347,587 \$3,553,300 \$11,273,198 Total Construction Cost \$217,839,610 \$83,953,900 \$236,647,607 \$236,647,607 Cost per Square Foot \$435 \$428 \$532 \$326,647,607 \$33,553,200 \$326,647,607	\$1,803,110,4 \$489,760,74
Z Subcontractor Bond \$0 \$761,200 Z Design & Pricing Contingency \$16,327,970 \$6,356,300 \$14,946,558 Z General Conditions \$0 \$6,851,200 \$22,471,465 Z Overhead & Profit / GMP Fee \$18,695,525 \$2,030,200 \$4,451,569 Z GMP Contingency \$2,804,329 \$1,398,400 \$4,035,571 Construction Subtotal \$205,127,063 \$80,400,600 \$225,374,409 Project Scope Adjustments \$5,364,960 \$11,273,198 Z Escalation to Construction Mid-Point \$7,347,587 \$3,553,300 \$11,273,198 Total Construction Cost Cost per Square Foot \$217,839,610 \$83,953,900 \$236,647,607 \$435 \$428	\$43,651,87
Z Design & Pricing Contingency \$16,327,970 \$6,356,300 \$14,946,558 Z General Conditions \$0 \$6,851,200 \$22,471,465 Z Overhead & Profit / GMP Fee \$18,695,525 \$2,030,200 \$4,451,569 Z GMP Contingency \$2,804,329 \$1,398,400 \$4,403,571 Z Construction Subtotal \$205,127,063 \$80,400,600 \$225,374,409 Project Scope Adjustments \$5,364,960 Z Escalation to Construction Mid-Point \$7,347,587 \$3,553,300 \$11,273,198 Total Construction Cost \$217,839,610 \$83,953,900 \$236,647,607 \$532 Cost per Square Foot \$435 \$428 \$532 \$428	\$15,266,13
Z Overhead & Profit / GMP Fee \$18,695,525 \$2,030,200 \$4,451,569 Z GMP Contingency \$2,804,329 \$1,398,400 \$4,035,571 Construction Subtoal \$205,127,063 \$80,400,600 \$225,374,409 Project Scope Adjustments \$5,584,960 Z Escalation to Construction Mid-Point \$7,347,587 \$3,553,300 \$11,273,198 Total Construction Cost Cost per Square Foot \$217,839,610 \$83,953,900 \$236,647,607	\$175,068,47
Z GMP Contingency \$2,804,329 \$1,398,400 \$4,035,571 Construction Subtotal \$205,127,063 \$80,400,600 \$225,374,409 Project Scope Adjustments \$5,564,960 \$ Z Escalation to Construction Mid-Point \$7,347,587 \$3,553,300 \$11,273,198 Total Construction Cost Cost per Square Foot \$217,839,610 \$83,953,900 \$236,647,607 \$532	\$130,128,93
Construction Subtotal \$205,127,063 \$80,400,600 \$225,374,409 Project Scope Adjustments \$5,364,960 Z Escalation to Construction Mid-Point \$7,347,587 \$3,553,300 \$11,273,198 Total Construction Cost Cost per Square Foot \$217,839,610 \$83,953,900 \$236,647,607 \$532	\$84,304,46
Project Scope Adjustments \$5,364,960 Z Escalation to Construction Mid-Point \$7,347,587 \$3,553,300 \$11,273,198 Total Construction Cost Cost per Square Foot \$217,839,610 \$83,953,900 \$236,647,607 \$532	\$41,340,90 \$2, 292,871,1
Z Escalation to Construction Mid-Point \$7,347,587 \$3,553,300 \$11,273,198 Total Construction Cost Cost per Square Foot \$217,839,610 \$83,953,900 \$236,647,607 \$35,553	\$26,615,23
Cost per Square Foot \$435 \$428 \$532	\$107,673,89
	\$2,427,160,28
	\$16,542,45
Bid Alternates \$0 \$0 \$0 CM Pre-Construction Services \$270,000 \$100,000 \$446,582	\$5,182,78
Construction Contingency \$6,321,740 \$2,520,000 \$142,000	\$109,895,47
Designer \$22,095,355 \$8,803,000 \$22,731,000	\$250,834,36
OPM & other Professional services \$7,485,500 \$3,309,430 \$7,746,000	\$91,500,99
FF&E//T \$6,168,000 \$3,298,090 \$7,088,000	\$76,063,38
Legal Fees \$20,000 \$20,000 \$100,000	\$901,00
Other Soft Costs \$1,150,000 \$485,580 \$4,200,000 Owned Costs \$1,40,000 \$1,000,000 </td <td>\$26,544,38</td>	\$26,544,38
Owner's Contingency \$2,143,920 \$1,260,000 \$2,000,000 Total Project Budget *** \$263,494,125 \$103,750,000 \$295,159,189	\$23,689,03 \$3,028,314,14
Total Project Budget *** \$263,494,125 \$103,750,000 \$295,159,189 Bid Alternates \$0 \$0 \$0 \$0	\$3,028,314,14 \$11,997,49
Ineligible Costs & Contingency \$2,636,613 \$840,922 \$9,467,048	\$77,292,93
Scope Exclusions \$47,832,759 \$18,647,856 \$87,237,872	\$730,855,36
Basis for Total Facilities Grant \$213,024,753 \$84,261,222 \$198,454,269 Deleter 00.00%	\$2,208,168,3
Reimbursement Rate 80.00% 63.24% 40.66% Maximum Facilities Carpt 512.000	
Maximum Facilities Grant \$170,419,802 \$53,286,797 \$80,691,505 8 - Fall River Durfee BMC HS- The Maximum Facilities Grant reflects the recovery of \$671,665.	\$1,379,491,39

8 - Fall River Durfee BMC HS- The Maximum Facilities Grant reflects the recovery of \$671,665. 9 - Belmont HS - The Maximum Facilities Grant reflects the recovery of \$47,227