Information as of:

August 2017
Board Meeting

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

Middle High 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	Sep-13	Mar-14	Jun-14	Sep-14	
			District	Winthrop *	Georgetown	Lunenburg **	Abington	
			School Name	Winthrop Middle/High School	Georgtown Middle/High School	Lunenburg Middle/High School	Frolio Middle/High School	TOTAL
			Construction Type	New	Renovation	New	New	ALL
			Enrollment	970	720	820	1,115	MIDDLE/HIGH
			GSF	187,917	128,670	169,018	235,370	
			Assumed Start of Construction	Jul-14	Apr-15	Aug-14	Dec-15	
			OPM	Skanska USA Building, Inc.	Municipal Building Consultants	Joslin, Lesser & Associates	Knight, Bagge & Anderson, Inc.	
			Designer	HMFH Architects, Inc.	Drummey Rosane Anderson, Inc.	Tappe Associates	Ai3 Architects, LLC	
			Cost Estimator	PM&C	Rider Levett Bucknall	PM&C	PM&C	
Division #		**Description of Work**						
A		Substructure		$3,645,359	$55,800	$3,405,171	$3,653,884	$10,760,214
B		Shell		$12,241,254	$1,352,166	$13,225,052	$17,931,830	$44,750,302
	B10		Superstructure	$5,944,324	$13,960	$5,126,402	$7,816,245	$18,900,931
	B20		Exterior Enclosure	$4,535,606	$78,340	$5,651,315	$7,886,336	$18,151,597
		B2010	Exterior Walls		$35,900	$4,129,283	$4,770,639	$8,935,822
		B2020	Exterior Windows		$37,440	$1,351,575	$2,922,392	$4,311,407
		B2030	Exterior Doors		$5,000	$170,457	$193,305	$368,762
	B30		Roofing	$1,761,324	$1,259,866	$2,447,335	$2,229,249	$7,697,774
C		Interiors		$8,674,072	$627,887	$9,892,279	$10,962,591	$30,156,829
D		Services		$15,087,384	$1,376,734	$12,535,422	$20,376,534	$49,376,074
	D10		Conveying	$243,000		$172,400	$152,800	$568,200
	D20		Plumbing	$2,040,575	$232,625	$2,051,613	$2,843,986	$7,168,799
	D30		HVAC	$6,198,170	$402,419	$5,148,736	$7,712,118	$19,461,443
	D40		Fire Protection	$874,845	$217,093	$647,250	$1,000,323	$2,739,511
	D50		Electrical Utilities	$5,730,794	$524,597	$4,515,423	$8,667,307	$19,438,121
E		Furnishings & Fixed Equipment		$2,968,774	$131,374	$2,472,054	$3,495,197	$9,067,399
		Building Value Engineering						$0
		Building Subtotal		**$42,616,843**	**$3,543,961**	**$41,529,978**	**$56,420,036**	**$144,110,818**
F		Special Construction & Demo		$2,450,040	$503,934	$2,658,000	$2,127,480	$7,739,454
G		Other Site Construction		$2,131,403	$204,535	$5,404,677	$6,692,931	$14,433,546
	G10		Site Preparation	$2,131,403	$49,090	$716,284	$1,251,640	$4,148,417
	G20		Site Improvements		$9,840	$2,847,412	$3,539,666	$6,396,918
	G30		Mechanical Utilities		$145,605	$1,410,290	$1,585,645	$3,141,540
	G40		Electrical Utilities			$430,691	$315,980	$746,671
			Other Site Construction					$0
		Subtotal		**$47,198,286**	**$4,252,430**	**$49,592,655**	**$65,240,447**	**$166,283,818**
Z		Mark-Ups		$13,062,383	$1,329,876	$8,490,293	$9,720,826	$32,603,378
Z			Insurance	$778,291		$649,000	$652,404	$2,079,695
Z			Subcontractor Bond	$407,724	$93,551	$442,500	$587,164	$1,530,939
Z			Design & Pricing Contingency	$4,219,081	$620,246	$1,603,615	$3,262,022	$9,704,964
Z			General Conditions	$5,384,908	$425,234	$3,877,307	$3,588,225	$13,275,674
Z			Overhead & Profit/GMP Fee	$1,359,082	$190,845	$1,050,000	$1,631,011	$4,230,938
Z			GMP Contingency	$913,297		$867,871		$1,781,168
		Construction Subtotal		**$60,260,669**	**$5,582,306**	**$58,082,948**	**$74,961,273**	**$198,887,196**
		Project Scope Adjustments						$0
Z		Escalation to Construction Mid-Point		$3,281,510	$278,784	$1,487,780	$2,248,838	$7,296,912
		Total Construction Cost		**$63,542,179**	**$5,861,090**	**$59,570,728**	**$77,210,111**	**$206,184,108**
		Cost per Square Foot		**$338**	**$46**	**$352**	**$328**	
Bid Alternates							$1,255,255	$1,255,255
CM Preconstruction Services				$175,000		$160,000		$335,000
Construction Contingency				$2,283,243	$410,276	$2,978,536	$3,088,404	$8,760,459
Designer				$6,502,701	$781,030	$5,431,057	$6,964,920	$19,679,708
OPM & other Professional services				$2,469,000	$365,330	$2,027,000	$2,622,091	$7,483,421
FF&E/IT				$2,328,000	$125,000	$1,968,000	$2,676,000	$7,097,000
Legal Fees					$15,000			$15,000
Other Soft Costs				$1,760,000	$78,000	$240,000	$550,000	$2,628,000
Owner's Contingency				$2,758,617	$170,000	$600,000	$2,033,219	$5,561,836
		Total Project Budget *		**$81,818,740**	**$7,805,726**	**$72,975,321**	**$96,400,000**	**$258,999,787**
Bid Alternates							$1,255,255	$1,255,255
Ineligible Costs & Contingency					$293,054	$2,382,829	$2,316,303	$4,992,186
Scope Exclusions				$10,811,835	$154,590	$11,018,677	$7,729,606	$29,714,708
		Basis for Total Facilities Grant		**$71,006,905**	**$7,358,082**	**$59,573,815**	**$85,098,836**	**$223,037,638**
		Reimbursement Rate		**59.97%**	**52.13%**	**59.11%**	**58.97%**	
		Maximum Facilities Grant		**$42,582,841**	**$3,835,768**	**$34,782,380**	**$50,182,784**	**$131,383,773**

* Winthrop Middle/High School - based on PFA 7-23-14 (FEMA Revision 3011 form).

** Lunenburg - Maximum Total Facilities Grant reflects recovery of $434,702.

Piubished 9/5/2017