

**DESIGNER AND OPM Fees [ON OR AFTER JANUARY 1, 2014]
Elementary Schools**

Information as of:
August 2023 Board Meeting

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. The MSBA shall have no responsibility or duty to update any of the information contained in this spreadsheet. Additionally, districts may refer to their district and school names using different titles than what is shown in this report. 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. Projects and data may not be listed in the report if the information is not available at the time of report generation. 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		Jan-13		Oct-13		Oct-13		Jan-14		Mar-14		Mar-14	
District	South Hadley		Revere		Athol-Royalston		Newton		Gloucester		Milford		Northborough	
School Name	Plains ES		Staff Sargent James J. Hill ES		Athol Community ES		A E Angier		West Parish		Woodland		Lincoln Street	
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	
Enrollment	270		690		545		465		355		985		270	
GSF	63,377		103,650		95,726		74,960		65,679		132,539		52,920	
Assumed Start of Construction	May-14		Jan-14		Nov-14		Jun-14		Sep-14		Mar-15		Apr-15	
OPM	Arcadis U.S., Inc.		Hill International Company		Symmes Maini & McKee Associates		NV5 (fka Joslin, Lesser + Associates Inc.)		Knight, Bagge & Anderson Inc.		NV5 (fka Joslin, Lesser + Associates Inc.)		Colliers Project Leaders NE, LLC	
Designer	Jones Whitsett Architects, Inc.		Drummeay Rosane Anderson, Inc.		Mount Vernon Group Architects, Inc.		DiNisco Design, Inc.		Dore & Whittier Architects, Inc.		HMFH Architects, Inc.		Lamoureux Pagano Associates Architects, Inc.	
Cost Estimator	Project Management & Cost		CostPro, Inc.		Project Management & Cost		A M Fogarty & Associates Inc.		Project Management & Cost		Project Management & Cost		A M Fogarty & Associates Inc.	
Description	Cost	% of Total Construction	Cost	% of Total Construction	Cost	% of Total Construction	Cost	% of Total Construction	Cost	% of Total Construction	Cost	% of Total Construction	Cost	% of Total Construction
Designer	Jones Whitsett Architects, Inc.		Drummeay Rosane Anderson, Inc.		Mount Vernon Group Architects, Inc.		DiNisco Design, Inc.		Dore & Whittier Architects, Inc.		HMFH Architects, Inc.		Lamoureux Pagano Associates Architects, Inc.	
Basic Services														
Feasibility Study	\$599,000	2.78%	\$450,000	1.33%	\$296,000	0.84%	\$501,467	1.91%	\$365,000	1.22%	\$548,677	1.13%	\$345,000	1.89%
Design Development	\$570,000	2.64%	\$631,800	1.86%	\$620,000	1.76%	\$510,230	1.95%	\$680,000	2.27%	\$1,300,000	2.69%	\$381,500	2.09%
Construction Contract Documents	\$570,000	2.64%	\$1,274,500	3.76%	\$1,100,000	3.13%	\$1,013,840	3.86%	\$850,000	2.83%	\$1,740,000	3.60%	\$915,000	5.02%
Bidding	\$120,000	0.56%	\$157,950	0.47%	\$170,000	0.48%	\$126,705	0.48%	\$100,000	0.33%	\$169,000	0.35%	\$55,000	0.30%
Construction Contract Administration	\$390,000	1.81%	\$750,260	2.21%	\$830,000	2.36%	\$601,849	2.29%	\$1,205,645	4.02%	\$1,040,000	2.15%	\$473,850	2.60%
Closeout	\$28,000	0.12%	\$39,490	0.12%	\$40,000	0.11%	\$31,676	0.12%	\$150,000	0.50%	\$96,000	0.20%	\$20,150	0.11%
Other Basic Services					\$185,000	0.53%			\$40,835	0.14%				
Subtotal Designer Basic Services	\$2,275,000	10.55%	\$3,304,000	9.75%	\$3,241,000	9.21%	\$2,785,567	10.62%	\$3,391,480	11.31%	\$4,893,677	10.11%	\$2,190,500	12.02%
Reimbursable Services														
Construction Testing	\$70,000	0.32%	\$85,000	0.19%	\$10,000	0.03%			\$67,000	0.22%				
Printing (Over Minimum)	\$20,000	0.09%	\$85,000	0.25%	\$40,000	0.11%			\$26,100	0.09%			\$30,000	0.16%
Other Reimbursable Costs	\$40,000	0.19%	\$30,000	0.09%	\$40,000	0.11%	\$75,000	0.29%			\$65,000	0.13%	\$6,000	0.03%
Sub-Consultants														
Hazardous Materials	\$40,000	0.19%					\$57,000	0.22%	\$50,000	0.17%	\$60,000	0.12%	\$60,000	0.33%
Geotech & Geotech Environment	\$20,000	0.09%	\$80,000	0.24%	\$80,000	0.23%	\$60,000	0.23%	\$150,000	0.50%	\$85,000	0.18%	\$14,000	0.08%
Site Survey	\$30,000	0.14%	\$15,000	0.04%	\$25,000	0.07%	\$10,000	0.04%	\$52,470	0.17%			\$20,000	0.11%
Wetlands			\$18,000	0.05%	\$15,000	0.04%					\$75,000	0.16%	\$20,000	0.11%
Traffic Studies	\$25,000	0.12%	\$12,000	0.04%	\$20,000	0.06%	\$5,000	0.02%	\$12,070	0.04%	\$30,000	0.06%		
Total Designer Fees	\$2,520,000	11.69%	\$3,609,000	10.65%	\$3,471,000	9.86%	\$2,992,567	11.41%	\$3,749,120	12.50%	\$5,208,677	10.77%	\$2,340,500	12.84%
Owner's Project Manager	Arcadis U.S., Inc.		Hill International Company		Symmes Maini & McKee Associates		NV5 (fka Joslin, Lesser + Associates Inc.)		Knight, Bagge & Anderson Inc.		NV5 (fka Joslin, Lesser + Associates Inc.)		Colliers Project Leaders NE, LLC	
Feasibility Study	\$151,000	0.70%	\$250,000	0.74%	\$104,000	0.30%	\$216,192	0.82%	\$135,000	0.45%	\$199,774	0.41%	\$155,000	0.85%
Design Development	\$100,560	0.47%	\$26,000	0.08%	\$100,000	0.28%	\$57,000	0.22%	\$170,110	0.57%	\$91,500	0.19%	\$41,663	0.23%
Construction Contract Documents	\$97,850	0.45%	\$72,000	0.21%	\$140,000	0.40%	\$95,000	0.36%	\$213,780	0.71%	\$175,000	0.36%	\$60,766	0.33%
Bidding	\$41,250	0.19%	\$14,400	0.04%	\$60,000	0.17%	\$35,000	0.13%	\$24,068	0.08%	\$70,000	0.14%	\$44,231	0.24%
Construction Contract Administration	\$520,592	2.41%	\$829,000	2.45%	\$755,000	2.15%	\$652,000	2.49%	\$538,479	1.80%	\$1,125,500	2.33%	\$540,185	2.96%
Closeout	\$55,477	0.26%	\$60,000	0.18%	\$60,000	0.17%	\$56,000	0.21%	\$73,429	0.24%	\$50,500	0.10%	\$64,958	0.36%
Extra Services					\$40,000	0.11%			\$23,986	0.08%				
Other Project Manager Costs			\$1,000	0.00%										
Reimbursables & Other Services					\$15,000	0.04%								
Cost Estimates	\$40,000	0.19%	\$65,000	0.19%	\$50,000	0.14%			\$40,000	0.13%			\$24,000	0.13%
Total OPM Fees	\$1,006,729	4.67%	\$1,317,400	3.89%	\$1,324,000	3.76%	\$1,111,192	4.24%	\$1,218,842	4.06%	\$1,712,274	3.54%	\$930,803	5.11%
Total Designer and OPM Fees	\$3,526,729	16.35%	\$4,926,400	14.53%	\$4,795,000	13.63%	\$4,103,759	15.64%	\$4,967,962	16.56%	\$6,920,951	14.30%	\$3,271,303	17.95%
Total Construction Costs	\$21,563,821		\$33,897,336		\$35,191,363		\$26,231,698		\$29,995,466		\$48,381,844		\$18,224,600	

Information as of:
August 2023 Board Meeting

Date Board Approved	Jan-15		Mar-15		Aug-15		Sep-15		Nov-15		Nov-15		Jan-16	
District	Worcester		Woburn		New Bedford		Hopkinton		Carver		Narragansett		Granby	
School Name	Nelson Place		Wyman		John Hannigan		Center		Carver ES		Templeton Center		West Street	
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	
Enrollment	600		410		400		395		750		580		430	
GSF	111,256		70,701		74,051		83,256		112,350		92,735		68,760	
Assumed Start of Construction	Jul-15		Apr-16		May-16		Dec-16		Sep-16		Oct-16		Feb-17	
OPM	Tishman Construction Corporation of MA		Municipal Building Consultants, Inc.		CHA Consulting, Inc.		Compass Project Management, Inc.		PMA Consultants, LLC		Colliers Project Leaders NE, LLC		Colliers Project Leaders NE, LLC	
Designer	Lamoureux Pagano Associates Architects, Inc.		DiNisco Design, Inc.		Turowski2 Architecture, Inc.		Drumrey Rosane Anderson, Inc.		HMFH Architects, Inc.		Symmes Maini & McKee Associates, Inc.		Jones Whitsett Architects, Inc.	
Cost Estimator	A M Fogarty & Associates Inc.		CostPro, Inc.		Project Management & Cost		VJ Associates of New England		A M Fogarty & Associates Inc.		CHA Consulting, Inc.		Project Management & Cost	
Description	Cost	% of Total Construction	Cost	% of Total Construction	Cost	% of Total Construction	Cost	% of Total Construction	Cost	% of Total Construction	Cost	% of Total Construction	Cost	% of Total Construction
Designer	Lamoureux Pagano Associates Architects, Inc.		DiNisco Design, Inc.		Turowski2 Architecture, Inc.		Drumrey Rosane Anderson, Inc.		HMFH Architects, Inc.		Symmes Maini & McKee Associates, Inc.		Jones Whitsett Architects, Inc.	
Basic Services														
Feasibility Study	\$635,128	1.30%	\$676,111	2.50%	\$658,938	2.21%	\$440,714	1.25%	\$502,350	1.27%	\$725,532	1.99%	\$520,000	1.97%
Design Development	\$1,029,665	2.21%	\$436,433	1.62%	\$752,000	2.52%	\$820,925	2.34%	\$936,273	2.37%	\$840,000	2.30%	\$560,000	2.12%
Construction Contract Documents	\$1,912,235	4.11%	\$985,910	3.65%	\$1,100,000	3.69%	\$1,313,479	3.74%	\$1,235,881	3.13%	\$1,350,000	3.70%	\$900,000	3.40%
Bidding	\$80,600	0.17%	\$123,238	0.46%	\$107,000	0.36%	\$164,185	0.47%	\$187,255	0.47%	\$140,000	0.38%	\$90,000	0.34%
Construction Contract Administration	\$957,125	2.06%	\$492,955	1.82%	\$591,000	1.98%	\$820,924	2.34%	\$1,310,783	3.32%	\$964,694	2.64%	\$765,000	2.89%
Closeout	\$50,375	0.11%	\$123,238	0.46%	\$78,000	0.26%	\$164,185	0.47%	\$74,901	0.19%	\$50,000	0.14%	\$42,000	0.16%
Other Basic Services	\$65,000	0.14%	\$20,000	0.07%	\$50,000	0.17%								
Subtotal Designer Basic Services	\$4,730,128	10.16%	\$2,857,887	10.58%	\$3,336,938	11.20%	\$3,724,412	10.60%	\$4,247,443	10.77%	\$4,070,226	11.14%	\$2,877,000	10.88%
Reimbursable Services														
Construction Testing	\$75,000	0.16%	\$20,000	0.07%	\$50,000	0.17%	\$10,000	0.03%			\$25,000	0.07%		
Printing (Over Minimum)	\$10,000	0.02%	\$5,000	0.02%	\$8,000	0.03%	\$30,000	0.09%	\$15,000	0.04%	\$10,000	0.03%	\$10,000	0.04%
Other Reimbursable Costs	\$120,000	0.26%	\$45,000	0.17%	\$10,800	0.04%	\$10,000	0.03%	\$100,000	0.25%	\$100,000	0.27%	\$90,000	0.34%
Sub-Consultants														
Hazardous Materials	\$50,000	0.11%	\$10,000	0.04%	\$15,000	0.05%	\$10,000	0.03%	\$100,000	0.25%	\$80,000	0.22%	\$75,000	0.28%
Geotech & Geotech Environment	\$15,000	0.03%	\$83,000	0.31%	\$15,000	0.05%	\$100,000	0.28%	\$100,000	0.25%	\$100,000	0.27%	\$5,000	0.02%
Site Survey	\$72,000	0.15%	\$5,000	0.02%	\$5,000	0.02%	\$5,000	0.01%	\$25,000	0.06%	\$30,000	0.08%	\$5,000	0.02%
Wetlands	\$9,000	0.02%	\$220,000	0.81%			\$17,000	0.05%			\$15,000	0.04%	\$10,000	0.04%
Traffic Studies			\$5,000	0.02%			\$20,000	0.06%			\$100,000	0.27%	\$5,000	0.02%
Total Designer Fees	\$5,081,128	10.92%	\$3,295,887	12.20%	\$3,440,738	11.55%	\$3,926,412	11.17%	\$4,587,443	11.63%	\$4,530,226	12.40%	\$3,077,000	11.63%
Owner's Project Manager	Tishman Construction Corporation of MA		Municipal Building Consultants, Inc.		CHA Consulting, Inc.		Compass Project Management, Inc.		PMA Consultants, LLC		Colliers Project Leaders NE, LLC		Colliers Project Leaders NE, LLC	
Feasibility Study	\$310,872	0.67%	\$208,888	0.77%	\$82,500	0.28%	\$159,286	0.45%	\$123,000	0.31%	\$324,468	0.89%	\$280,000	1.06%
Design Development	\$105,000	0.23%	\$201,400	0.75%	\$80,000	0.27%	\$95,500	0.27%	\$78,000	0.20%	\$47,500	0.13%	\$45,000	0.17%
Construction Contract Documents	\$108,500	0.23%			\$130,000	0.44%	\$93,000	0.26%	\$110,000	0.28%	\$96,600	0.26%	\$45,000	0.17%
Bidding	\$42,500	0.09%			\$15,000	0.05%	\$30,160	0.09%			\$101,000	0.28%	\$50,000	0.19%
Construction Contract Administration	\$975,000	2.09%	\$624,560	2.31%	\$575,000	1.93%	\$881,000	2.51%	\$1,098,250	2.78%	\$800,000	2.19%	\$810,000	3.06%
Closeout	\$210,000	0.45%	\$28,250	0.10%	\$35,000	0.12%	\$95,630	0.27%	\$48,883	0.12%	\$65,000	0.18%	\$45,000	0.17%
Extra Services	\$85,000	0.18%			\$10,000	0.03%			\$50,000	0.13%				
Other Project Manager Costs														
Reimbursables & Other Services	\$35,000	0.08%			\$5,000	0.02%	\$5,000	0.01%	\$149,275	0.38%				
Cost Estimates	\$44,000	0.09%	\$22,500	0.08%			\$45,000	0.13%	\$75,000	0.19%	\$44,000	0.12%	\$25,000	0.09%
Total OPM Fees	\$1,915,872	4.12%	\$1,085,599	4.02%	\$932,500	3.13%	\$1,404,576	4.00%	\$1,732,408	4.39%	\$1,478,568	4.05%	\$1,300,000	4.91%
Total Designer and OPM Fees	\$6,997,000	15.03%	\$4,381,486	16.22%	\$4,373,238	14.68%	\$5,330,988	15.17%	\$6,319,851	16.02%	\$6,008,794	16.45%	\$4,377,000	16.55%
Total Construction Costs	\$46,546,300		\$27,017,841		\$29,792,732		\$35,140,982		\$39,443,454		\$36,522,000		\$26,453,000	

Information as of:
August 2023 Board Meeting

Date Board Approved	Jul-16		Jul-16		Nov-16		Nov-16		May-17		Jun-17		Aug-17	
District	Hanover		Needham		Bourne		Newton		Millis		Triton		Lexington	
School Name	Sylvester		Hillside ES		Peebles ES		Cabot		Clyde F Brown		Pine Grove		Maria Hastings	
Project Type	Core Program		Core Program		Core Program		Core Program		Core Program		Core Program		Core Program	
Project Scope	Addition / Renovation		New Construction		New Construction		Addition / Renovation		New Construction		Addition / Renovation		New Construction	
Enrollment	560		430		460		480		515		415		645	
GSF	97,099		90,702		72,680		84,262		89,852		87,674		110,000	
Assumed Start of Construction	Jul-17		Nov-17		Nov-17		Jul-17		Nov-17		Apr-18		Sep-18	
OPM	P3 Inc.		Owner Employee		Symmes Maini & McKee Associates, Inc.		NV5 (fka Joslin, Lesser + Associates Inc.)		Compass Project Management, Inc.		Anser Advisory		Dore & Whittier Management Partners, Inc.	
Designer	Mount Vernon Group Architects, Inc.		Dore & Whittier Architects, Inc.		Flansburgh Associates, Inc.		DiNisco Design, Inc.		Tappe Architects, Inc.		Dore & Whittier Architects, Inc.		DiNisco Design, Inc.	
Cost Estimator	Fennessy Consulting Services		Project Management & Cost		Project Management & Cost		A M Fogarty & Associates Inc.		A M Fogarty & Associates Inc.		Project Management & Cost		A M Fogarty & Associates Inc.	
Description	Cost	% of Total Construction	Cost	% of Total Construction	Cost	% of Total Construction	Cost	% of Total Construction	Cost	% of Total Construction	Cost	% of Total Construction	Cost	% of Total Construction
Designer	Mount Vernon Group Architects, Inc.		Dore & Whittier Architects, Inc.		Flansburgh Associates, Inc.		DiNisco Design, Inc.		Tappe Architects, Inc.		Dore & Whittier Architects, Inc.		DiNisco Design, Inc.	
Basic Services														
Feasibility Study	\$354,600	1.30%	\$545,000	1.20%	\$505,000	1.63%	\$935,000	2.58%	\$741,168	1.74%	\$515,690	1.71%	\$590,000	1.11%
Design Development	\$557,345	2.14%	\$960,054	2.11%	\$530,000	1.71%	\$700,000	1.93%	\$806,546	1.89%	\$593,398	1.97%	\$968,800	1.83%
Construction Contract Documents	\$796,957	3.06%	\$1,397,096	3.07%	\$1,060,000	3.43%	\$1,500,000	4.14%	\$1,450,473	3.41%	\$1,186,796	3.93%	\$1,998,400	3.77%
Bidding	\$120,255	0.46%	\$198,164	0.44%	\$130,000	0.42%	\$100,000	0.28%	\$181,309	0.43%	\$148,350	0.49%	\$149,880	0.28%
Construction Contract Administration	\$480,505	1.84%	\$1,560,956	3.43%	\$874,000	2.83%	\$1,000,000	2.76%	\$906,546	2.13%	\$890,097	2.95%	\$1,249,000	2.36%
Closeout	\$40,000	0.15%	\$35,730	0.08%	\$132,037	0.43%	\$60,000	0.17%	\$181,309	0.43%	\$148,350	0.49%	\$99,920	0.19%
Other Basic Services	\$226,000	0.87%	\$35,000	0.08%					\$50,000	0.12%				
Subtotal Designer Basic Services	\$2,575,662	9.88%	\$4,732,000	10.41%	\$3,231,037	10.45%	\$4,295,000	11.85%	\$4,317,351	10.14%	\$3,482,681	11.54%	\$5,056,000	9.54%
Reimbursable Services														
Construction Testing	\$40,000	0.15%	\$100,000	0.22%	\$40,000	0.13%			\$25,000	0.06%			\$60,000	0.11%
Printing (Over Minimum)	\$35,000	0.13%	\$30,000	0.07%	\$20,000	0.06%			\$30,000	0.07%	\$8,000	0.03%	\$30,000	0.06%
Other Reimbursable Costs	\$30,000	0.12%	\$205,000	0.45%	\$100,000	0.32%			\$10,000	0.02%	\$15,000	0.05%	\$87,000	0.16%
Sub-Consultants														
Hazardous Materials	\$65,000	0.25%	\$81,000	0.18%	\$100,000	0.32%	\$50,000	0.14%	\$80,000	0.19%	\$83,100	0.28%	\$35,000	0.07%
Geotech & Geotech Environment	\$30,000	0.12%	\$148,000	0.33%	\$80,000	0.26%	\$150,000	0.41%	\$100,000	0.23%	\$35,000	0.12%	\$55,000	0.10%
Site Survey	\$16,000	0.06%	\$25,000	0.05%	\$60,000	0.19%	\$5,000	0.01%	\$10,000	0.02%	\$50,000	0.17%	\$20,000	0.04%
Wetlands	\$20,000	0.08%	\$25,000	0.05%	\$5,000	0.02%			\$10,000	0.02%	\$30,000	0.10%		
Traffic Studies	\$10,000	0.04%	\$25,000	0.05%	\$40,000	0.13%	\$15,000	0.04%	\$30,000	0.07%	\$15,000	0.05%	\$17,000	0.03%
Total Designer Fees	\$2,821,662	10.82%	\$5,371,000	11.81%	\$3,676,037	11.89%	\$4,515,000	12.45%	\$4,612,351	10.83%	\$3,718,781	12.32%	\$5,360,000	10.12%
Owner's Project Manager	P3 Inc.		Owner Employee		Symmes Maini & McKee Associates, Inc.		NV5 (fka Joslin, Lesser + Associates Inc.)		Compass Project Management, Inc.		Anser Advisory		Dore & Whittier Management Partners, Inc.	
Feasibility Study	\$145,400	0.56%	\$150,000	0.33%	\$245,000	0.79%	\$465,000	1.28%	\$258,832	0.61%	\$284,310	0.94%	\$310,000	0.59%
Design Development	\$86,000	0.33%	\$150,000	0.33%	\$50,000	0.16%	\$120,000	0.33%	\$90,427	0.21%	\$32,648	0.11%	\$180,000	0.34%
Construction Contract Documents	\$115,000	0.44%	\$320,000	0.70%	\$90,000	0.29%	\$295,000	0.81%	\$91,695	0.22%	\$81,621	0.27%	\$200,000	0.38%
Bidding	\$56,000	0.21%	\$120,000	0.26%	\$50,000	0.16%	\$115,000	0.32%	\$78,431	0.18%	\$66,401	0.22%	\$60,000	0.11%
Construction Contract Administration	\$621,000	2.38%	\$720,000	1.58%	\$800,000	2.59%	\$693,000	1.91%	\$994,726	2.34%	\$890,356	2.95%	\$1,100,000	2.08%
Closeout	\$32,000	0.12%	\$80,000	0.18%	\$54,863	0.18%	\$56,000	0.15%	\$85,801	0.20%	\$55,121	0.18%	\$100,000	0.19%
Extra Services			\$55,000	0.12%	\$40,000	0.13%			\$124,921	0.29%			\$60,000	0.11%
Other Project Manager Costs														
Reimbursables & Other Services			\$25,000	0.05%	\$15,000	0.05%			\$1,624	0.00%	\$20,000	0.07%	\$5,000	0.01%
Cost Estimates			\$60,000	0.13%	\$50,000	0.16%			\$30,000	0.07%			\$25,000	0.05%
Total OPM Fees	\$1,055,400	4.05%	\$1,680,000	3.70%	\$1,394,863	4.51%	\$1,744,000	4.81%	\$1,756,457	4.12%	\$1,430,457	4.74%	\$2,040,000	3.85%
Total Designer and OPM Fees	\$3,877,062	14.87%	\$7,051,000	15.51%	\$5,070,900	16.41%	\$6,259,000	17.27%	\$6,368,808	14.95%	\$5,149,238	17.06%	\$7,400,000	13.97%
Total Construction Costs	\$26,075,672		\$45,465,414		\$30,910,366		\$36,250,776		\$42,691,393		\$30,191,749		\$52,973,418	

Information as of:
August 2023 Board Meeting

Date Board Approved	Feb-18		Feb-18		Apr-18		Apr-18		Jun-18		Aug-18		Oct-18	
District	Ludlow		Taunton		Harvard		Marlborough		Northbridge		Foxborough		Shrewsbury	
School Name	Chapin Street ES		Mulcahey ES		Hildreth ES		Richer		W Edward Balmer		Mabelle M Burrell		Beal School	
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 - Model School		New Construction		Addition / Renovation		New Construction	
Enrollment	630		735		445		610		1,030		270		790	
GSF	106,250		119,693		85,214		111,437		167,352		61,455		141,600	
Assumed Start of Construction	May-19		Jan-19		Jun-19		Jul-18		Aug-19		Nov-19		Sep-19	
OPM	STV DPM (fka STV Inc.)		CGA Project Management		NV5 (fka Joslin, Lesser + Associates Inc.)		CHA Consulting, Inc.		Symmes Maini & McKee Associates, Inc.		Colliers Project Leaders NE, LLC		PMA Consultants, LLC	
Designer	Mount Vernon Group Architects, Inc.		Dore & Whittier Architects, Inc.		Arrowstreet Inc.		Mount Vernon Group Architects, Inc.		Dore & Whittier Architects, Inc.		Kaestle Boos Associates, Inc.		Lamoureux Pagano Associates Architects, Inc.	
Cost Estimator	Fennessy Consulting Services		Project Management & Cost		Project Management & Cost		A M Fogarty & Associates Inc.		Project Management & Cost		Miyakoda Consulting		A M Fogarty & Associates Inc.	
Description	Cost	% of Total Construction	Cost	% of Total Construction	Cost	% of Total Construction	Cost	% of Total Construction	Cost	% of Total Construction	Cost	% of Total Construction	Cost	% of Total Construction
Designer	Mount Vernon Group Architects, Inc.		Dore & Whittier Architects, Inc.		Arrowstreet Inc.		Mount Vernon Group Architects, Inc.		Dore & Whittier Architects, Inc.		Kaestle Boos Associates, Inc.		Lamoureux Pagano Associates Architects, Inc.	
Basic Services														
Feasibility Study	\$681,295	1.40%	\$1,099,890	2.20%	\$328,000	0.76%	\$807,200	1.69%	\$575,000	0.72%	\$311,600	1.15%	\$839,711	1.13%
Design Development	\$800,000	1.75%	\$933,960	1.87%	\$1,077,330	2.51%	\$1,944,609	2.45%	\$1,944,609	2.45%	\$501,900	1.85%	\$1,593,750	2.15%
Construction Contract Documents	\$1,750,000	3.82%	\$1,330,674	2.66%	\$1,866,200	4.34%	\$1,178,392	2.46%	\$2,657,249	3.34%	\$1,203,800	4.45%	\$3,028,125	4.09%
Bidding	\$225,000	0.49%	\$220,860	0.44%	\$150,000	0.35%	\$80,000	0.17%	\$227,830	0.29%	\$72,400	0.27%	\$159,375	0.22%
Construction Contract Administration	\$750,000	1.64%	\$1,421,738	2.84%	\$943,774	2.19%	\$620,000	1.30%	\$2,252,218	2.83%	\$623,400	2.30%	\$1,530,000	2.06%
Closeout	\$110,000	0.24%	\$73,394	0.15%	\$34,600	0.08%	\$63,000	0.13%	\$164,136	0.21%	\$26,400	0.10%	\$63,750	0.09%
Other Basic Services	\$325,000	0.71%			\$200,000	0.42%								
Subtotal Designer Basic Services	\$4,641,295	10.14%	\$5,080,516	10.15%	\$4,399,904	10.23%	\$2,948,592	6.16%	\$7,821,042	9.84%	\$2,739,500	10.12%	\$7,214,711	9.73%
Reimbursable Services														
Construction Testing	\$40,000	0.09%					\$100,000	0.21%	\$30,000	0.04%	\$25,000	0.09%		
Printing (Over Minimum)	\$40,000	0.09%	\$10,000	0.02%			\$30,000	0.06%	\$20,000	0.03%	\$20,000	0.07%	\$15,000	0.02%
Other Reimbursable Costs	\$40,000	0.09%	\$270,000	0.54%	\$50,000	0.12%	\$20,000	0.04%	\$100,000	0.13%	\$20,000	0.07%	\$150,000	0.20%
Sub-Consultants														
Hazardous Materials	\$20,000	0.04%	\$100,000	0.20%	\$65,000	0.15%			\$100,000	0.13%	\$75,000	0.28%	\$200,000	0.27%
Geotech & Geotech Environment	\$80,000	0.17%	\$100,000	0.20%	\$125,000	0.29%	\$60,000	0.13%	\$85,000	0.11%	\$30,000	0.11%	\$150,000	0.20%
Site Survey	\$5,000	0.01%			\$10,000	0.02%	\$45,000	0.09%	\$40,000	0.05%	\$25,000	0.09%	\$30,000	0.04%
Wetlands	\$20,000	0.04%			\$10,000	0.02%	\$40,000	0.08%	\$40,000	0.05%	\$20,000	0.07%		
Traffic Studies			\$25,000	0.05%	\$15,000	0.03%			\$35,000	0.04%	\$25,000	0.09%	\$25,000	0.03%
Total Designer Fees	\$4,886,295	10.68%	\$5,585,516	11.15%	\$4,674,904	10.87%	\$3,243,592	6.78%	\$8,271,042	10.40%	\$2,979,500	11.01%	\$7,784,711	10.50%
Owner's Project Manager	STV DPM (fka STV Inc.)		CGA Project Management		NV5 (fka Joslin, Lesser + Associates Inc.)		CHA Consulting, Inc.		Symmes Maini & McKee Associates, Inc.		Colliers Project Leaders NE, LLC		PMA Consultants, LLC	
Feasibility Study	\$200,813	0.44%	\$240,182	0.48%	\$172,000	0.40%	\$155,000	0.32%	\$200,000	0.25%	\$324,400	1.20%	\$242,556	0.33%
Design Development	\$41,286	0.09%	\$90,000	0.18%	\$68,000	0.16%	\$125,000	0.26%	\$180,250	0.23%	\$33,100	0.12%	\$115,108	0.16%
Construction Contract Documents	\$164,722	0.36%	\$135,000	0.27%	\$102,000	0.24%	\$175,000	0.37%	\$250,025	0.31%	\$63,100	0.23%	\$430,835	0.58%
Bidding	\$48,576	0.11%	\$45,000	0.09%	\$53,000	0.12%	\$47,000	0.10%	\$95,050	0.12%	\$53,000	0.20%		
Construction Contract Administration	\$1,083,024	2.37%	\$1,060,000	2.12%	\$1,063,000	2.47%	\$880,000	1.84%	\$1,912,599	2.41%	\$713,600	2.64%	\$1,666,438	2.25%
Closeout	\$52,244	0.11%	\$60,000	0.12%	\$38,000	0.09%	\$40,000	0.08%	\$120,080	0.15%	\$76,900	0.28%	\$138,976	0.19%
Extra Services	\$60,000	0.13%					\$15,000	0.03%	\$100,000	0.13%			\$30,000	0.04%
Other Project Manager Costs														
Reimbursables & Other Services			\$5,000	0.01%					\$40,000	0.05%			\$80,000	0.11%
Cost Estimates	\$40,000	0.09%	\$60,000	0.12%							\$44,000	0.16%	\$65,000	0.09%
Total OPM Fees	\$1,690,665	3.70%	\$1,695,182	3.39%	\$1,496,000	3.48%	\$1,437,000	3.00%	\$2,898,004	3.65%	\$1,308,100	4.83%	\$2,768,913	3.74%
Total Designer and OPM Fees	\$6,576,960	14.37%	\$7,280,698	14.54%	\$6,170,904	14.35%	\$4,680,592	9.79%	\$11,169,046	14.05%	\$4,287,600	15.85%	\$10,553,624	14.24%
Total Construction Costs	\$45,754,614		\$50,074,205		\$42,999,041		\$47,831,946		\$79,492,662		\$27,057,700		\$74,111,830	

Information as of:
August 2023 Board Meeting

Date Board Approved	Dec-18		Dec-18		Feb-19		Feb-19		Feb-19		Feb-19		Aug-19	
District	Danvers		Wareham		Easthampton		Marblehead		Tewksbury		Westborough		Bridgewater-Raynham	
School Name	Ivan G Smith		Minot Forest		Maple		Elbridge Gerry		Louise Davy Trahan		Annie E Fales		Mitchell ES	
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		New Construction	
Enrollment	465		1,020		1,010		450		790		400		740	
GSF	82,728		159,989		177,370		81,935		139,457		70,242		132,045	
Assumed Start of Construction	Jun-19		Mar-20		Dec-19		Apr-20		Jul-20		Feb-20		Feb-21	
OPM	PMA Consultants, LLC		PMA Consultants, LLC		Colliers Project Leaders NE, LLC		Leftfield, LLC		Turner & Townsend Heery		Vertex (Eng.) Construction Services		CHA Consulting, Inc.	
Designer	Tappe Architects, Inc.		Mount Vernon Group Architects, Inc.		Caolo & Bieniek Associates, Inc.		Raymond Design Associates, Inc.		Flansburgh Associates, Inc.		HMFH Architects, Inc.		Raymond Design Associates, Inc.	
Cost Estimator	Project Management & Cost		Fennessy Consulting Services		VJ Associates of New England		VJ Associates of New England		Project Management & Cost		Miyakoda Consulting		Elana, Inc.	
Description	Cost	% of Total Construction	Cost	% of Total Construction	Cost	% of Total Construction	Cost	% of Total Construction	Cost	% of Total Construction	Cost	% of Total Construction	Cost	% of Total Construction
Designer	Tappe Architects, Inc.		Mount Vernon Group Architects, Inc.		Caolo & Bieniek Associates, Inc.		Raymond Design Associates, Inc.		Flansburgh Associates, Inc.		HMFH Architects, Inc.		Raymond Design Associates, Inc.	
Basic Services														
Feasibility Study	\$555,485	1.32%	\$560,000	0.78%	\$750,000	0.83%	\$533,730	1.22%	\$691,999	0.89%	\$674,800	1.48%	\$565,000	0.87%
Design Development	\$746,000	1.77%	\$1,550,984	2.15%	\$2,053,660	2.28%	\$800,000	1.83%	\$2,042,100	2.64%	\$950,000	2.08%	\$1,200,000	1.86%
Construction Contract Documents	\$1,305,500	3.10%	\$3,988,418	4.29%	\$3,604,880	4.00%	\$1,432,000	3.27%	\$2,377,200	3.07%	\$1,250,000	2.74%	\$2,400,000	3.71%
Bidding	\$186,500	0.44%	\$200,918	0.28%	\$270,366	0.30%	\$220,000	0.50%	\$446,700	0.58%	\$120,000	0.26%	\$200,000	0.31%
Construction Contract Administration	\$1,119,000	2.66%	\$1,478,217	2.05%	\$2,300,000	2.55%	\$1,350,000	3.08%	\$2,328,150	3.01%	\$1,110,000	2.43%	\$2,100,000	3.25%
Closeout	\$373,000	0.89%	\$25,000	0.03%	\$133,294	0.15%	\$100,000	0.23%	\$204,200	0.26%	\$70,000	0.15%	\$120,000	0.19%
Other Basic Services			\$303,100	0.42%					\$155,200	0.20%	\$354,000	0.78%		
Subtotal Designer Basic Services	\$4,285,485	10.19%	\$7,206,637	10.00%	\$9,112,200	10.11%	\$4,435,730	10.13%	\$8,245,549	10.65%	\$4,528,800	9.93%	\$6,585,000	10.18%
Reimbursable Services														
Construction Testing					\$50,000	0.06%					\$100,000	0.22%		
Printing (Over Minimum)	\$15,000	0.04%			\$10,000	0.01%	\$5,000	0.01%	\$60,000	0.08%	\$10,000	0.02%		
Other Reimbursable Costs			\$179,870	0.25%	\$10,000	0.01%	\$38,500	0.09%			\$52,000	0.11%	\$20,000	0.03%
Sub-Consultants														
Hazardous Materials	\$50,500	0.12%	\$113,630	0.16%	\$75,000	0.08%	\$71,500	0.16%	\$125,000	0.16%	\$50,000	0.11%	\$25,000	0.04%
Geotech & Geotech Environment	\$30,000	0.07%	\$148,500	0.21%	\$100,000	0.11%	\$225,500	0.51%	\$125,000	0.16%	\$218,000	0.48%	\$110,000	0.17%
Site Survey	\$50,000	0.12%	\$49,500	0.07%	\$40,000	0.04%	\$44,000	0.10%	\$75,000	0.10%			\$40,000	0.06%
Wetlands	\$20,000	0.05%	\$62,000	0.09%	\$30,000	0.03%	\$16,500	0.04%	\$75,000	0.10%			\$30,000	0.05%
Traffic Studies	\$3,000	0.01%	\$71,500	0.10%	\$50,000	0.06%	\$27,500	0.06%	\$75,000	0.10%			\$5,000	0.01%
Total Designer Fees	\$4,453,985	10.59%	\$7,831,637	10.87%	\$9,477,200	10.52%	\$4,864,230	11.11%	\$8,780,549	11.34%	\$4,958,800	10.87%	\$6,815,000	10.54%
Owner's Project Manager	PMA Consultants, LLC		PMA Consultants, LLC		Colliers Project Leaders NE, LLC		Leftfield, LLC		Turner & Townsend Heery		Vertex (Eng.) Construction Services		CHA Consulting, Inc.	
Feasibility Study	\$230,610	0.55%	\$219,683	0.30%	\$250,000	0.28%	\$216,270	0.49%	\$407,566	0.53%	\$137,622	0.30%	\$235,000	0.36%
Design Development	\$49,460	0.12%	\$135,000	0.19%	\$124,400	0.14%	\$225,000	0.51%	\$163,200	0.21%	\$106,839	0.23%	\$136,000	0.21%
Construction Contract Documents	\$227,585	0.54%	\$570,000	0.79%	\$194,700	0.22%	\$225,000	0.51%	\$153,888	0.20%	\$159,144	0.35%	\$238,000	0.37%
Bidding					\$122,500	0.14%	\$100,000	0.23%	\$58,320	0.08%	\$62,117	0.14%	\$80,000	0.12%
Construction Contract Administration	\$830,200	1.97%	\$1,425,000	1.98%	\$2,333,200	2.59%	\$1,435,750	3.28%	\$2,145,700	2.77%	\$1,047,119	2.29%	\$1,288,000	1.99%
Closeout	\$70,355	0.17%	\$230,000	0.32%	\$158,388	0.18%	\$200,000	0.46%	\$30,500	0.04%	\$84,302	0.18%	\$144,000	0.22%
Extra Services	\$50,000	0.12%	\$500,000	0.69%										
Other Project Manager Costs														
Reimbursables & Other Services	\$120,000	0.29%	\$500,000	0.69%										
Cost Estimates	\$25,000	0.06%	\$74,800	0.10%	\$64,000	0.07%			\$170,892	0.22%	\$88,000	0.19%	\$164,000	0.25%
Total OPM Fees	\$1,603,210	3.81%	\$3,654,483	5.07%	\$3,247,188	3.60%	\$2,402,020	5.49%	\$3,130,066	4.04%	\$1,685,143	3.69%	\$2,285,000	3.53%
Total Designer and OPM Fees	\$6,057,195	14.40%	\$11,486,120	15.94%	\$12,724,388	14.12%	\$7,266,250	16.59%	\$11,910,615	15.38%	\$6,643,943	14.56%	\$9,100,000	14.07%
Total Construction Costs	\$42,074,273		\$72,066,378		\$90,122,000		\$43,786,426		\$77,450,806		\$45,627,177		\$64,679,981	

Information as of:
August 2023 Board Meeting

Date Board Approved	Aug-19		Aug-19		Aug-19		Aug-19		Aug-19		Aug-19		Oct-19	
District	Gardner		Millbury		West Springfield		Manchester Essex Regional		Amesbury		Springfield		Acton-Boxborough	
School Name	Waterford Street		Raymond E. Shaw ES		Philip G Coburn		Manchester Memorial ES		Amesbury ES		Brightwood		C.T. Douglas ES	
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		New Construction	
Enrollment	925		550		585		335		425		800		990	
GSF	147,120		90,266		119,800		77,102		98,195		150,500		174,759	
Assumed Start of Construction	Oct-20		Jan-21		Nov-20		Jul-19		May-21		May-19		Jul-20	
OPM	Colliers Project Leaders NE, LLC		Hill International Company		NV5 (fka Joslin, Lesser + Associates Inc.)		Dore & Whittier Management Partners, Inc.		NV5 (fka Joslin, Lesser + Associates Inc.)		Skanska USA Building, Inc		Skanska USA Building, Inc	
Designer	Jones Whitsett Architects, Inc.		Turowski2 Architecture, Inc.		TSKP Studio, LLC		JCJ Architecture, PC		DINisco Design, Inc.		DINisco Design, Inc.		Arrowstreet Inc.	
Cost Estimator	Project Management & Cost		Project Management & Cost		A M Fogarty & Associates Inc.		VJ Associates of New England		A M Fogarty & Associates Inc.		A M Fogarty & Associates Inc.		Project Management & Cost	
Description	Cost	% of Total Construction	Cost	% of Total Construction	Cost	% of Total Construction	Cost	% of Total Construction	Cost	% of Total Construction	Cost	% of Total Construction	Cost	% of Total Construction
Designer	Jones Whitsett Architects, Inc.		Turowski2 Architecture, Inc.		TSKP Studio, LLC		JCJ Architecture, PC		DINisco Design, Inc.		DINisco Design, Inc.		Arrowstreet Inc.	
Basic Services														
Feasibility Study	\$500,000	0.70%	\$377,710	0.77%	\$599,700	1.10%	\$450,000	1.09%	\$711,992	1.45%	\$700,000	1.05%	\$950,000	1.00%
Design Development	\$1,466,014	2.07%	\$1,134,849	2.30%	\$1,263,000	2.31%	\$1,165,500	2.83%	\$870,000	1.78%	\$1,450,000	2.17%	\$2,400,000	2.52%
Construction Contract Documents	\$2,199,021	3.10%	\$2,041,960	4.14%	\$2,306,000	4.21%	\$1,750,000	4.25%	\$1,960,000	4.00%	\$2,800,000	3.88%	\$3,983,000	4.18%
Bidding	\$333,185	0.47%	\$184,946	0.38%	\$129,000	0.24%	\$170,000	0.41%	\$147,000	0.30%	\$195,000	0.29%	\$280,000	0.29%
Construction Contract Administration	\$2,532,206	3.57%	\$1,134,608	2.30%	\$1,150,000	2.10%	\$1,345,000	3.27%	\$1,225,000	2.50%	\$1,819,120	2.72%	\$1,900,000	1.99%
Closeout	\$133,274	0.19%	\$120,308	0.24%	\$55,000	0.10%	\$192,000	0.47%	\$95,693	0.20%	\$130,000	0.19%	\$87,583	0.09%
Other Basic Services					\$25,000	0.05%								
Subtotal Designer Basic Services	\$7,163,700	10.10%	\$4,994,381	10.14%	\$5,527,700	10.10%	\$5,072,500	12.33%	\$5,009,685	10.23%	\$6,894,120	10.30%	\$9,600,583	10.08%
Reimbursable Services														
Construction Testing	\$35,000	0.05%	\$120,000	0.24%										
Printing (Over Minimum)	\$10,000	0.01%	\$10,000	0.02%					\$5,000	0.01%	\$10,000	0.01%	\$10,000	0.01%
Other Reimbursable Costs	\$100,000	0.14%	\$153,600	0.31%	\$100,000	0.18%	\$20,240	0.05%	\$105,000	0.21%	\$70,000	0.10%	\$70,000	0.07%
Sub-Consultants														
Hazardous Materials	\$50,000	0.07%	\$57,076	0.12%	\$150,000	0.27%	\$84,700	0.21%					\$50,000	0.05%
Geotech & Geotech Environment	\$130,000	0.18%	\$40,975	0.08%	\$25,000	0.05%	\$96,000	0.23%	\$100,000	0.20%	\$84,120	0.13%	\$100,000	0.10%
Site Survey	\$50,000	0.07%	\$15,000	0.03%	\$5,000	0.01%			\$30,000	0.06%	\$10,000	0.01%		
Wetlands	\$50,000	0.07%							\$45,000	0.09%				
Traffic Studies	\$100,000	0.14%	\$6,000	0.01%					\$15,000	0.03%	\$20,000	0.03%		
Total Designer Fees	\$7,688,700	10.84%	\$5,397,032	10.95%	\$5,807,700	10.61%	\$5,273,440	12.82%	\$5,309,685	10.84%	\$7,088,240	10.59%	\$9,830,583	10.32%
Owner's Project Manager	Colliers Project Leaders NE, LLC		Hill International Company		NV5 (fka Joslin, Lesser + Associates Inc.)		Dore & Whittier Management Partners, Inc.		NV5 (fka Joslin, Lesser + Associates Inc.)		Skanska USA Building, Inc		Skanska USA Building, Inc	
Feasibility Study	\$250,000	0.35%	\$172,290	0.35%	\$176,500	0.32%	\$200,000	0.49%	\$180,030	0.37%	\$300,000	0.45%	\$350,000	0.37%
Design Development	\$106,000	0.15%	\$130,350	0.26%	\$70,908	0.13%	\$102,361	0.25%	\$180,000	0.37%	\$150,000	0.22%	\$180,757	0.19%
Construction Contract Documents	\$242,700	0.34%	\$282,180	0.57%	\$131,234	0.24%	\$87,864	0.21%	\$360,000	0.74%	\$300,000	0.45%	\$301,282	0.32%
Bidding	\$122,200	0.17%	\$40,720	0.08%	\$28,682	0.05%	\$58,576	0.14%	\$100,000	0.20%	\$100,000	0.15%	\$150,631	0.16%
Construction Contract Administration	\$1,525,500	2.15%	\$983,773	2.00%	\$1,397,950	2.55%	\$1,567,114	3.81%	\$800,000	1.63%	\$1,425,000	2.13%	\$2,259,464	2.37%
Closeout	\$288,395	0.40%	\$83,500	0.17%	\$112,814	0.21%	\$102,361	0.25%	\$74,193	0.15%	\$120,592	0.18%	\$120,505	0.13%
Extra Services														
Other Project Manager Costs														
Reimbursables & Other Services														
Cost Estimates	\$66,800	0.09%	\$40,000	0.08%	\$56,100	0.10%			\$48,000	0.10%				
Total OPM Fees	\$2,599,595	3.66%	\$1,732,813	3.52%	\$1,974,188	3.61%	\$2,118,276	5.15%	\$1,742,223	3.56%	\$2,395,592	3.58%	\$3,362,619	3.53%
Total Designer and OPM Fees	\$10,288,295	14.50%	\$7,129,845	14.47%	\$7,781,888	14.22%	\$7,391,716	17.97%	\$7,051,908	14.40%	\$9,483,832	14.17%	\$13,193,202	13.85%
Total Construction Costs	\$70,937,000		\$49,269,791		\$54,733,011		\$41,142,104		\$48,976,932		\$66,941,200		\$95,255,831	

Information as of:
August 2023 Board Meeting

Date Board Approved	Oct-19		Oct-19		Apr-20		Jun-20		Aug-20		Oct-20		Feb-21	
District	Easton		Rockland		Orange		Springfield		Gloucester		Ashland		Groton-Dunstable	
School Name	Center School		Jefferson ES		Dexter Park		William N Deberry		East Gloucester ES		David Mindess		Florence Roche	
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	
Enrollment	760		760		520		800		440		635		645	
GSF	148,422		120,672		97,115		155,990		90,461		104,885		109,855	
Assumed Start of Construction	Mar-21		Mar-21		Jul-21		Apr-22		Aug-21		Nov-21		Mar-22	
OPM	PMA Consultants, LLC		PMA Consultants, LLC		Hill International Company		Skanska USA Building, Inc		Turner & Townsend Heery		Compass Project Management, Inc.		Leftfield, LLC	
Designer	Perkins Eastman/DPC		Symmes Maini & McKee Associates, Inc.		Raymond Design Associates, Inc.		DiNisco Design, Inc.		Dore & Whittier Architects, Inc.		Flansburgh Associates, Inc.		Studio G. Architects, Inc.	
Cost Estimator	Project Management & Cost		Miyakoda Consulting		Elana, Inc.		A M Fogarty & Associates Inc.		Project Management & Cost		A M Fogarty & Associates Inc.		Project Management & Cost	
Description	Cost	% of Total Construction	Cost	% of Total Construction	Cost	% of Total Construction	Cost	% of Total Construction	Cost	% of Total Construction	Cost	% of Total Construction	Cost	% of Total Construction
Designer	Perkins Eastman/DPC		Symmes Maini & McKee Associates, Inc.		Raymond Design Associates, Inc.		DiNisco Design, Inc.		Dore & Whittier Architects, Inc.		Flansburgh Associates, Inc.		Studio G. Architects, Inc.	
Basic Services														
Feasibility Study	\$628,978	0.84%	\$548,865	0.80%	\$550,000	1.20%	\$800,000	1.03%	\$714,898	1.38%	\$740,000	1.09%	\$526,550	0.86%
Design Development	\$1,490,000	1.99%	\$1,365,000	2.00%	\$875,000	1.91%	\$1,790,000	2.31%	\$1,374,400	2.65%	\$1,245,100	1.84%	\$1,875,000	3.05%
Construction Contract Documents	\$2,280,000	3.04%	\$2,730,000	4.00%	\$1,815,000	3.97%	\$3,120,000	4.02%	\$1,334,900	2.57%	\$2,116,870	3.13%	\$1,875,000	3.05%
Bidding	\$200,000	0.27%	\$340,000	0.50%	\$120,000	0.26%	\$234,000	0.30%	\$226,800	0.44%	\$186,765	0.28%	\$625,000	1.02%
Construction Contract Administration	\$2,716,658	3.63%	\$1,820,000	2.67%	\$1,500,000	3.28%	\$1,950,000	2.51%	\$1,776,800	3.42%	\$2,199,680	3.25%	\$1,595,000	2.59%
Closeout	\$250,000	0.33%	\$137,000	0.20%	\$46,400	0.10%	\$120,152	0.15%	\$72,900	0.14%	\$186,765	0.28%	\$320,000	0.52%
Other Basic Services											\$226,170	0.33%		
Subtotal Designer Basic Services	\$7,565,636	10.10%	\$6,940,865	10.17%	\$4,906,400	10.73%	\$8,014,152	10.32%	\$5,500,698	10.59%	\$6,901,150	10.19%	\$6,816,550	11.08%
Reimbursable Services														
Construction Testing											\$30,000	0.04%		
Printing (Over Minimum)					\$25,000	0.05%	\$10,000	0.01%	\$30,000	0.06%	\$20,000	0.03%	\$5,500	0.01%
Other Reimbursable Costs	\$450,000	0.60%	\$150,000	0.22%	\$40,000	0.09%	\$102,000	0.13%	\$268,500	0.52%	\$76,350	0.11%	\$100,000	0.16%
Sub-Consultants														
Hazardous Materials	\$115,000	0.15%	\$200,000	0.29%	\$110,000	0.24%	\$35,000	0.05%	\$30,000	0.06%	\$120,000	0.18%	\$62,700	0.10%
Geotech & Geotech Environment	\$85,000	0.11%	\$400,000	0.59%	\$190,000	0.42%	\$101,000	0.13%	\$150,000	0.29%	\$270,000	0.40%	\$247,500	0.40%
Site Survey			\$20,000	0.03%	\$95,000	0.21%	\$35,000	0.05%	\$25,000	0.05%	\$70,000	0.10%	\$50,000	0.08%
Wetlands			\$5,000	0.01%	\$65,000	0.14%			\$15,000	0.03%	\$15,000	0.02%	\$21,450	0.03%
Traffic Studies			\$20,000	0.03%	\$10,000	0.02%	\$30,000	0.04%	\$10,000	0.02%	\$40,000	0.06%	\$11,000	0.02%
Total Designer Fees	\$8,215,636	10.97%	\$7,735,865	11.33%	\$5,441,400	11.90%	\$8,327,152	10.73%	\$6,029,198	11.61%	\$7,542,500	11.14%	\$7,314,700	11.89%
Owner's Project Manager	PMA Consultants, LLC		PMA Consultants, LLC		Hill International Company		Skanska USA Building, Inc		Turner & Townsend Heery		Compass Project Management, Inc.		Leftfield, LLC	
Feasibility Study	\$222,236	0.30%	\$219,874	0.32%	\$325,000	0.71%	\$700,000	0.90%	\$285,102	0.55%	\$260,000	0.38%	\$223,450	0.36%
Design Development	\$155,000	0.21%	\$170,000	0.25%	\$150,000	0.33%	\$180,000	0.23%	\$154,066	0.30%	\$210,000	0.31%	\$225,000	0.37%
Construction Contract Documents	\$375,000	0.50%	\$355,000	0.52%	\$219,000	0.48%	\$320,000	0.41%	\$232,939	0.45%	\$200,000	0.30%	\$225,000	0.37%
Bidding					\$35,000	0.08%	\$130,000	0.17%	\$137,078	0.26%	\$54,000	0.08%	\$100,000	0.16%
Construction Contract Administration	\$1,804,000	2.41%	\$1,529,400	2.24%	\$985,000	2.15%	\$1,600,000	2.06%	\$1,301,945	2.51%	\$1,571,700	2.32%	\$2,000,000	3.25%
Closeout	\$97,030	0.13%	\$129,340	0.19%	\$80,000	0.17%	\$171,913	0.22%	\$136,347	0.26%	\$64,628	0.10%	\$175,000	0.28%
Extra Services	\$150,000	0.20%			\$25,000	0.05%			\$136,800	0.26%				
Other Project Manager Costs														
Reimbursables & Other Services	\$350,000	0.47%	\$150,000	0.22%	\$10,000	0.02%			\$50,000	0.10%	\$5,005	0.01%	\$50,000	0.08%
Cost Estimates	\$54,560	0.07%	\$96,800	0.14%	\$50,000	0.11%			\$43,260	0.08%	\$50,000	0.07%		
Total OPM Fees	\$3,207,826	4.28%	\$2,650,414	3.88%	\$1,879,000	4.11%	\$3,101,913	4.00%	\$2,477,537	4.77%	\$2,415,333	3.57%	\$2,998,450	4.87%
Total Designer and OPM Fees	\$11,423,462	15.25%	\$10,386,279	15.22%	\$7,320,400	16.01%	\$11,429,065	14.72%	\$8,967,735	16.38%	\$9,957,833	14.70%	\$10,313,150	16.76%
Total Construction Costs	\$74,886,581		\$68,249,754		\$45,730,728		\$77,641,520		\$51,925,531		\$67,725,296		\$61,541,339	

Information as of:
August 2023 Board Meeting

Date Board Approved	Apr-21		Apr-21		Jun-21		Jun-21		Aug-21		Oct-21		Oct-21	
District	Andover		Westwood		Swampscott		Fitchburg		Wellesley		Lawrence		Peabody	
School Name	West ES		Paul Hanlon		Hadley		Crocker ES		Ernest F Upham		Francis M Leahy		William A Welch Sr	
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	
Enrollment	925		560		900		845		365		1,000		390	
GSF	191,028		113,141		153,855		115,788		80,039		173,520		59,025	
Assumed Start of Construction	Jun-22		Jul-22		Nov-22		Mar-23		Apr-23		May-23		May-22	
OPM	PMA Consultants, LLC		Compass Project Management, Inc.		Hill International Company		Colliers Project Leaders NE, LLC		Compass Project Management, Inc.		Atlantic Construction and Management, Inc.		Dore & Whittier Management Partners, Inc.	
Designer	Symmes Maini & McKee Associates, Inc.		Dore & Whittier Architects, Inc.		LaVallee Brensinger Architects		saam architecture		Symmes Maini & McKee Associates, Inc.		Mount Vernon Group Architects, Inc.		DiNisco Design, Inc.	
Cost Estimator	Miyakoda Consulting		Project Management & Cost		Miyakoda Consulting		CHA Consulting, Inc.		A M Fogarty & Associates Inc.		Fennessy Consulting Services		A M Fogarty & Associates Inc.	
Description	Cost	% of Total Construction	Cost	% of Total Construction	Cost	% of Total Construction	Cost	% of Total Construction	Cost	% of Total Construction	Cost	% of Total Construction	Cost	% of Total Construction
Designer	Symmes Maini & McKee Associates, Inc.		Dore & Whittier Architects, Inc.		LaVallee Brensinger Architects		saam architecture		Symmes Maini & McKee Associates, Inc.		Mount Vernon Group Architects, Inc.		DiNisco Design, Inc.	
Basic Services														
Feasibility Study	\$824,230	0.60%	\$1,166,890	1.66%	\$600,000	0.77%	\$741,000	1.49%	\$1,267,710	2.28%	\$986,495	1.21%	\$659,583	2.82%
Design Development	\$2,415,000	2.03%	\$1,417,099	2.01%	\$1,970,000	2.53%	\$1,313,100	2.64%	\$1,070,000	1.93%	\$1,697,625	2.07%	\$160,000	0.69%
Construction Contract Documents	\$4,800,000	4.03%	\$2,156,455	3.06%	\$2,600,000	3.34%	\$1,313,100	2.64%	\$2,190,000	3.94%	\$2,970,844	3.63%	\$880,000	3.77%
Bidding	\$500,000	0.42%	\$184,839	0.26%	\$308,000	0.40%	\$218,850	0.44%	\$110,000	0.20%	\$320,408	0.39%	\$66,000	0.28%
Construction Contract Administration	\$3,000,000	2.52%	\$2,218,068	3.15%	\$2,135,000	2.74%	\$1,422,525	2.86%	\$1,400,000	2.52%	\$2,482,653	3.03%	\$550,000	2.36%
Closeout	\$500,000	0.42%	\$184,839	0.26%	\$230,716	0.30%	\$109,425	0.22%	\$121,000	0.22%	\$100,000	0.12%	\$44,000	0.19%
Other Basic Services			\$179,000	0.25%					\$44,000	0.08%				
Subtotal Designer Basic Services	\$12,039,230	10.10%	\$7,507,190	10.67%	\$7,843,716	10.06%	\$5,118,000	10.28%	\$6,202,710	11.16%	\$8,558,025	10.46%	\$2,359,583	10.11%
Reimbursable Services														
Construction Testing			\$52,500	0.07%					\$30,000	0.05%				
Printing (Over Minimum)			\$10,000	0.01%	\$10,000	0.01%	\$15,000	0.03%	\$20,000	0.04%	\$45,000	0.05%	\$10,000	0.04%
Other Reimbursable Costs	\$100,000	0.08%	\$141,000	0.20%	\$50,000	0.06%	\$100,000	0.20%	\$50,000	0.09%	\$40,000	0.05%	\$31,500	0.13%
Sub-Consultants														
Hazardous Materials	\$55,000	0.05%	\$96,800	0.14%	\$75,000	0.10%	\$125,000	0.25%	\$70,250	0.13%	\$104,000	0.13%	\$43,000	0.18%
Geotech & Geotech Environment	\$625,000	0.52%	\$76,800	0.11%	\$200,000	0.26%	\$10,000	0.02%	\$606,000	1.09%	\$134,000	0.16%	\$82,500	0.35%
Site Survey	\$40,000	0.03%			\$20,000	0.03%			\$50,000	0.09%	\$10,000	0.01%	\$11,000	0.05%
Wetlands	\$15,000	0.01%	\$95,000	0.13%	\$70,000	0.09%			\$10,000	0.02%	\$43,000	0.05%	\$35,000	0.15%
Traffic Studies	\$45,000	0.04%			\$90,000	0.12%	\$5,000	0.01%	\$90,000	0.16%	\$30,000	0.04%	\$22,000	0.09%
Total Designer Fees	\$12,919,230	10.84%	\$7,979,290	11.34%	\$8,358,716	10.72%	\$5,373,000	10.79%	\$7,128,960	12.83%	\$8,964,025	10.95%	\$2,594,583	11.11%
Owner's Project Manager														
	PMA Consultants, LLC		Compass Project Management, Inc.		Hill International Company		Colliers Project Leaders NE, LLC		Compass Project Management, Inc.		Atlantic Construction and Management, Inc.		Dore & Whittier Management Partners, Inc.	
Feasibility Study	\$375,770	0.32%	\$444,439	0.63%	\$255,000	0.33%	\$259,000	0.52%	\$1,232,290	2.22%	\$531,000	0.65%	\$540,417	2.31%
Design Development	\$171,299	0.14%	\$136,359	0.19%	\$322,880	0.41%	\$96,125	0.19%	\$160,000	0.29%	\$240,000	0.29%	\$84,175	0.36%
Construction Contract Documents	\$308,628	0.26%	\$205,246	0.29%	\$389,448	0.50%	\$115,097	0.23%	\$210,000	0.38%	\$480,000	0.59%	\$184,458	0.79%
Bidding	\$9,545	0.01%	\$50,000	0.07%	\$57,298	0.07%	\$72,395	0.15%	\$40,000	0.07%	\$86,700	0.11%		
Construction Contract Administration	\$3,178,363	2.67%	\$1,521,872	2.16%	\$1,550,334	1.99%	\$1,125,279	2.26%	\$1,107,829	1.99%	\$2,048,000	2.50%	\$747,878	3.20%
Closeout	\$167,282	0.14%	\$72,200	0.10%	\$207,548	0.27%	\$170,084	0.34%	\$90,000	0.16%	\$312,200	0.38%	\$98,204	0.42%
Extra Services														
Other Project Manager Costs														
Reimbursables & Other Services			\$5,000	0.01%					\$5,000	0.01%				
Cost Estimates	\$112,000	0.09%	\$60,000	0.09%			\$75,000	0.15%						
Total OPM Fees	\$4,322,887	3.63%	\$2,495,116	3.55%	\$2,782,418	3.57%	\$1,912,984	3.84%	\$2,845,119	5.12%	\$3,697,900	4.52%	\$1,655,132	7.09%
Total Designer and OPM Fees	\$17,242,117	14.47%	\$10,474,406	14.88%	\$11,141,134	14.30%	\$7,285,984	14.64%	\$9,974,079	17.95%	\$12,661,925	15.47%	\$4,249,715	18.20%
Total Construction Costs	\$119,178,907		\$70,380,680		\$77,937,159		\$49,774,500		\$55,569,898		\$81,846,297		\$23,348,836	

Information as of:
August 2023 Board Meeting

Date Board Approved	Oct-21		Oct-21		Aug-22			
District	Randolph		Westfield		Hingham			
School Name	Elizabeth G Lyons ES		Franklin Ave		Wm L Foster ES			
Project Type	Core Program		Core Program		Core Program			
Project Scope	New Construction		New Construction		New Construction			
Enrollment	315		395		605			
GSF	74,720		88,495		126,385			
Assumed Start of Construction	Mar-23		Mar-23		Dec-22			
OPM	CHA Consulting, Inc.		P3 Inc.		PMA Consultants, LLC			
Designer	TSKP Studio, LLC		Caolo & Bieniek Associates, Inc.		Raymond Design Associates, Inc.			
Cost Estimator	A M Fogarty & Associates Inc.		A M Fogarty & Associates Inc.		Eliana, Inc.			
Description	Cost	% of Total Construction	Cost	% of Total Construction	Cost	% of Total Construction	Cost	% of Total Construction
Designer	TSKP Studio, LLC		Caolo & Bieniek Associates, Inc.		Raymond Design Associates, Inc.			
Basic Services								
Feasibility Study	\$656,577	1.58%	\$460,000	0.91%	\$820,000	0.93%	\$37,405,263	1.22%
Design Development	\$990,000	2.38%	\$1,146,084	2.27%	\$1,643,252	1.86%	\$64,965,285	2.13%
Construction Contract Documents	\$1,200,000	2.89%	\$1,850,935	3.67%	\$3,013,853	3.42%	\$109,209,543	3.57%
Bidding	\$80,000	0.19%	\$120,255	0.24%	\$197,335	0.22%	\$11,076,224	0.36%
Construction Contract Administration	\$1,100,000	2.65%	\$1,352,545	2.68%	\$2,841,624	3.22%	\$81,248,173	2.66%
Closeout	\$80,000	0.19%	\$113,181	0.22%	\$197,335	0.22%	\$6,871,707	0.22%
Other Basic Services							\$2,483,905	0.08%
Subtotal Designer Basic Services	\$4,106,577	9.88%	\$5,043,000	10.00%	\$8,713,399	9.89%	\$313,259,500	10.25%
Reimbursable Services								
Construction Testing			\$50,000	0.10%			\$1,319,500	0.04%
Printing (Over Minimum)	\$15,000	0.04%					\$982,600	0.03%
Other Reimbursable Costs	\$60,000	0.14%			\$1,100,000	1.25%	\$5,607,360	0.18%
Sub-Consultants								
Hazardous Materials			\$150,000	0.30%	\$575,000	0.65%	\$4,530,256	0.15%
Geotech & Geotech Environment	\$10,000	0.02%	\$25,000	0.05%	\$1,450,000	1.65%	\$8,330,895	0.27%
Site Survey			\$25,000	0.05%	\$75,000	0.09%	\$1,574,970	0.05%
Wetlands					\$300,000	0.34%	\$1,636,950	0.05%
Traffic Studies	\$17,600	0.04%	\$100,000	0.20%	\$75,000	0.09%	\$1,479,670	0.05%
Total Designer Fees	\$4,209,177	10.12%	\$5,393,000	10.69%	\$12,288,399	13.95%	\$338,721,701	11.09%
Owner's Project Manager	CHA Consulting, Inc.		P3 Inc.		PMA Consultants, LLC			
Feasibility Study	\$297,500	0.72%	\$440,000	0.87%	\$280,000	0.32%	\$16,310,123	0.53%
Design Development	\$190,000	0.46%	\$100,000	0.20%	\$250,000	0.28%	\$7,456,231	0.24%
Construction Contract Documents	\$190,000	0.46%	\$212,000	0.42%	\$409,379	0.46%	\$12,056,226	0.39%
Bidding	\$30,000	0.07%	\$80,000	0.12%			\$3,300,743	0.11%
Construction Contract Administration	\$650,000	1.56%	\$900,000	1.78%	\$1,920,865	2.18%	\$70,928,544	2.32%
Closeout	\$45,000	0.11%	\$55,000	0.11%	\$162,446	0.18%	\$5,990,239	0.20%
Extra Services	\$40,000	0.10%			\$350,000	0.40%	\$1,945,717	0.06%
Other Project Manager Costs							\$1,000	0.00%
Reimbursables & Other Services					\$375,000	0.43%	\$2,020,904	0.07%
Cost Estimates	\$97,300	0.23%	\$70,000	0.14%	\$150,000	0.17%	\$2,505,012	0.08%
Total OPM Fees	\$1,539,800	3.70%	\$1,837,000	3.64%	\$3,897,690	4.42%	\$122,514,739	4.01%
Total Designer and OPM Fees	\$5,748,977	13.83%	\$7,230,000	14.34%	\$16,186,089	18.37%	\$461,236,440	15.10%
Total Construction Costs	\$41,576,611		\$50,430,464		\$88,114,851		\$3,055,105,085	

TOTAL - ALL ELEMENTARY SCHOOLS