

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

Elementary Schools

Information as of:
February 2024 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		Jan-15	
District	South Hadley		Revere		Athol-Royalston		Newton		Gloucester		Milford		Northborough		Worcester	
School Name	Plains ES		Staff Sargent James J. Hill ES		Athol Community ES		A E Angier		West Parish		Woodland		Lincoln Street		Nelson Place	
Project Type	Core Program		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		New Construction	
Enrollment	270		690		545		465		355		985		270		600	
GSF	63,377		103,650		95,726		74,960		65,679		132,539		52,920		111,256	
Assumed Start of Construction	May-14		Jan-14		Nov-14		Jun-14		Sep-14		Mar-15		Apr-15		Jul-15	
OPM	Arcadis U.S., Inc.		Hill-LiRo, Corp. (fka Hill International)		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		Tishman Construction Corporation of MA	
Designer	Jones Whitsett Architects, Inc.		Drumme Rosane Anderson, Inc.		Mount Vernon Group Architects, Inc.		DiNisco Design, Inc.		Dore & Whittier Architects, Inc.		HMFH Architects, Inc.		Lamoureux Pagano Associates 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.		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	Cost	% of Total Construction
Designer	Jones Whitsett Architects, Inc.		Drumme Rosane Anderson, Inc.		Mount Vernon Group Architects, Inc.		DiNisco Design, Inc.		Dore & Whittier Architects, Inc.		HMFH Architects, Inc.		Lamoureux Pagano Associates Architects, Inc.		Lamoureux Pagano Associates Architects, Inc.	
Basic Services																
<i>Feasibility Study</i>	\$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%	\$635,128	1.36%
<i>Design Development</i>	\$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%	\$1,029,665	2.21%
<i>Construction Contract Documents</i>	\$570,000	2.64%	\$1,274,500	3.76%	\$1,100,000	3.13%	\$1,013,640	3.86%	\$850,000	2.83%	\$1,740,000	3.60%	\$915,000	5.02%	\$1,912,235	4.11%
<i>Bidding</i>	\$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%	\$80,600	0.17%
<i>Construction Contract Administration</i>	\$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%	\$957,125	2.06%
<i>Closeout</i>	\$26,000	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%	\$50,375	0.11%
<i>Other Basic Services</i>					\$185,000	0.53%			\$40,835	0.14%					\$65,000	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%	\$4,730,128	10.16%
Reimbursable Services																
<i>Construction Testing</i>	\$70,000	0.32%	\$65,000	0.19%	\$10,000	0.03%			\$67,000	0.22%					\$75,000	0.16%
<i>Printing (Over Minimum)</i>	\$20,000	0.09%	\$85,000	0.25%	\$40,000	0.11%			\$26,100	0.09%			\$30,000	0.16%	\$10,000	0.02%
<i>Other Reimbursable Costs</i>	\$40,000	0.19%	\$30,000	0.09%	\$40,000	0.11%	\$75,000	0.29%			\$65,000	0.13%	\$6,000	0.03%	\$120,000	0.26%
Sub-Consultants																
<i>Hazardous Materials</i>	\$40,000	0.19%					\$57,000	0.22%	\$50,000	0.17%	\$60,000	0.12%	\$60,000	0.33%	\$50,000	0.11%
<i>Geotech & Geotech Environment</i>	\$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%	\$15,000	0.03%
<i>Site Survey</i>	\$30,000	0.14%	\$15,000	0.04%	\$25,000	0.07%	\$10,000	0.04%	\$52,470	0.17%			\$20,000	0.11%	\$72,000	0.15%
<i>Wetlands</i>			\$18,000	0.05%	\$15,000	0.04%					\$75,000	0.16%	\$20,000	0.11%	\$9,000	0.02%
<i>Traffic Studies</i>	\$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%	\$5,081,128	10.92%
Owner's Project Manager	Arcadis U.S., Inc.		Hill-LiRo, Corp. (fka Hill International)		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		Tishman Construction Corporation of MA	
<i>Feasibility Study</i>	\$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%	\$310,872	0.67%
<i>Design Development</i>	\$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%	\$105,000	0.23%
<i>Construction Contract Documents</i>	\$97,850	0.45%	\$72,000	0.21%	\$140,000	0.40%	\$95,000	0.36%	\$213,760	0.71%	\$175,000	0.36%	\$60,766	0.33%	\$108,500	0.23%
<i>Bidding</i>	\$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%	\$42,500	0.09%
<i>Construction Contract Administration</i>	\$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%	\$975,000	2.09%
<i>Closeout</i>	\$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%	\$210,000	0.45%
<i>Extra Services</i>					\$40,000	0.11%			\$23,996	0.08%					\$85,000	0.18%
<i>Other Project Manager Costs</i>			\$1,000	0.00%												
<i>Reimbursables & Other Services</i>					\$15,000	0.04%									\$35,000	0.08%
<i>Cost Estimates</i>	\$40,000	0.19%	\$65,000	0.19%	\$50,000	0.14%			\$40,000	0.13%			\$24,000	0.13%	\$44,000	0.09%
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%	\$1,915,872	4.12%
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%	\$6,997,000	15.03%
Total Construction Costs	\$21,563,821		\$33,897,336		\$35,191,363		\$26,231,698		\$29,995,466		\$48,381,844		\$18,224,600		\$46,546,300	

Date Board Approved	Mar-15		Aug-15		Sep-15		Nov-15		Nov-15		Jan-16		Jul-16		Jul-16	
District	Woburn		New Bedford		Hopkinton		Carver		Narragansett		Granby		Hanover		Needham	
School Name	Wyman		John Hannigan		Center		Carver ES		Templeton Center		West Street		Sylvester		Hillside ES	
Project Type	Core Program		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		Addition / Renovation		Addition / Renovation		New Construction	
Enrollment	410		400		395		750		580		430		560		430	
GSF	70,701		74,051		83,256		112,350		92,735		68,760		97,099		90,702	
Assumed Start of Construction	Apr-16		May-16		Dec-16		Sep-16		Oct-16		Feb-17		Jul-17		Nov-17	
OPM	Municipal Building Consultants, Inc.		CHA Consulting, Inc.		Compass Project Management, Inc.		PMA Consultants, LLC		Colliers Project Leaders NE, LLC		Colliers Project Leaders NE, LLC		P3 Inc.		Owner Employee	
Designer	DiNisco Design, Inc.		Turowski2 Architecture, Inc.		Drumme Rosane Anderson, Inc.		HMFH Architects, Inc.		Symmes Maini & McKee Associates, Inc.		Jones Whitsett Architects, Inc.		Mount Vernon Group Architects, Inc.		Dore & Whittier Architects, Inc.	
Cost Estimator	CostPro, Inc.		Project Management & Cost		VJ Associates of New England		A M Fogarty & Associates Inc.		CHA Consulting, Inc.		Project Management & Cost		Fennessy Consulting Services		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	Cost	% of Total Construction
Designer	DiNisco Design, Inc.		Turowski2 Architecture, Inc.		Drumme Rosane Anderson, Inc.		HMFH Architects, Inc.		Symmes Maini & McKee Associates, Inc.		Jones Whitsett Architects, Inc.		Mount Vernon Group Architects, Inc.		Dore & Whittier Architects, Inc.	
Basic Services																
<i>Feasibility Study</i>	\$676,111	2.50%	\$658,938	2.21%	\$440,714	1.25%	\$502,350	1.27%	\$725,532	1.99%	\$520,000	1.97%	\$354,600	1.36%	\$545,000	1.20%
<i>Design Development</i>	\$436,433	1.62%	\$752,000	2.52%	\$820,925	2.34%	\$936,273	2.37%	\$840,000	2.30%	\$560,000	2.12%	\$557,345	2.14%	\$960,054	2.11%
<i>Construction Contract Documents</i>	\$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%	\$796,957	3.06%	\$1,397,096	3.07%
<i>Bidding</i>	\$123,239	0.46%	\$107,000	0.36%	\$164,185	0.47%	\$187,255	0.47%	\$140,000	0.38%	\$90,000	0.34%	\$120,255	0.46%	\$198,164	0.44%
<i>Construction Contract Administration</i>	\$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%	\$480,505	1.84%	\$1,560,956	3.43%
<i>Closeout</i>	\$123,239	0.46%	\$78,000	0.26%	\$164,185	0.47%	\$74,901	0.19%	\$50,000	0.14%	\$42,000	0.16%	\$40,000	0.15%	\$35,730	0.08%
<i>Other Basic Services</i>	\$20,000	0.07%	\$50,000	0.17%									\$226,000	0.87%	\$35,000	0.08%
Subtotal Designer Basic Services	\$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%	\$2,575,662	9.88%	\$4,732,000	10.41%
Reimbursable Services																
<i>Construction Testing</i>	\$20,000	0.07%	\$50,000	0.17%	\$10,000	0.03%			\$25,000	0.07%			\$40,000	0.15%	\$100,000	0.22%
<i>Printing (Over Minimum)</i>	\$50,000	0.19%	\$8,000	0.03%	\$30,000	0.09%	\$15,000	0.04%	\$10,000	0.03%	\$10,000	0.04%	\$35,000	0.13%	\$30,000	0.07%
<i>Other Reimbursable Costs</i>	\$45,000	0.17%	\$10,800	0.04%	\$10,000	0.03%	\$100,000	0.25%	\$100,000	0.27%	\$90,000	0.34%	\$30,000	0.12%	\$205,000	0.45%
Sub-Consultants																
<i>Hazardous Materials</i>	\$10,000	0.04%	\$15,000	0.05%	\$10,000	0.03%	\$100,000	0.25%	\$80,000	0.22%	\$75,000	0.28%	\$65,000	0.25%	\$81,000	0.18%
<i>Geotech & Geotech Environment</i>	\$83,000	0.31%	\$15,000	0.05%	\$100,000	0.28%	\$100,000	0.25%	\$100,000	0.27%	\$5,000	0.02%	\$30,000	0.12%	\$148,000	0.33%
<i>Site Survey</i>	\$5,000	0.02%	\$5,000	0.02%	\$5,000	0.01%	\$25,000	0.06%	\$30,000	0.08%	\$5,000	0.02%	\$16,000	0.06%	\$25,000	0.05%
<i>Wetlands</i>	\$220,000	0.81%			\$17,000	0.05%			\$15,000	0.04%	\$10,000	0.04%	\$20,000	0.08%	\$25,000	0.05%
<i>Traffic Studies</i>	\$5,000	0.02%			\$20,000	0.06%			\$100,000	0.27%	\$5,000	0.02%	\$10,000	0.04%	\$25,000	0.05%
Total Designer Fees	\$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%	\$2,821,662	10.82%	\$5,371,000	11.81%
Owner's Project Manager	Municipal Building Consultants, Inc.		CHA Consulting, Inc.		Compass Project Management, Inc.		PMA Consultants, LLC		Colliers Project Leaders NE, LLC		Colliers Project Leaders NE, LLC		P3 Inc.		Owner Employee	
<i>Feasibility Study</i>	\$208,889	0.77%	\$82,500	0.28%	\$159,286	0.45%	\$123,000	0.31%	\$324,468	0.89%	\$280,000	1.06%	\$145,400	0.56%	\$150,000	0.33%
<i>Design Development</i>	\$201,400	0.75%	\$80,000	0.27%	\$95,500	0.27%	\$78,000	0.20%	\$47,500	0.13%	\$45,000	0.17%	\$86,000	0.33%	\$150,000	0.33%
<i>Construction Contract Documents</i>			\$130,000	0.44%	\$93,000	0.26%	\$110,000	0.28%	\$96,600	0.26%	\$45,000	0.17%	\$115,000	0.44%	\$320,000	0.70%
<i>Bidding</i>			\$15,000	0.05%	\$30,160	0.09%			\$101,000	0.28%	\$50,000	0.19%	\$56,000	0.21%	\$120,000	0.26%
<i>Construction Contract Administration</i>	\$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%	\$621,000	2.38%	\$720,000	1.58%
<i>Closeout</i>	\$28,250	0.10%	\$35,000	0.12%	\$95,630	0.27%	\$48,883	0.12%	\$65,000	0.18%	\$45,000	0.17%	\$32,000	0.12%	\$80,000	0.18%
<i>Extra Services</i>			\$10,000	0.03%			\$50,000	0.13%							\$55,000	0.12%
<i>Other Project Manager Costs</i>																
<i>Reimbursables & Other Services</i>			\$5,000	0.02%	\$5,000	0.01%	\$149,275	0.38%							\$25,000	0.05%
<i>Cost Estimates</i>	\$22,500	0.08%			\$45,000	0.13%	\$75,000	0.19%	\$44,000	0.12%	\$25,000	0.09%			\$60,000	0.13%
Total OPM Fees	\$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%	\$1,055,400	4.05%	\$1,680,000	3.70%
Total Designer and OPM Fees	\$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%	\$3,877,062	14.87%	\$7,051,000	15.51%
Total Construction Costs	\$27,017,841		\$29,792,732		\$35,140,982		\$39,443,454		\$36,522,000		\$26,453,000		\$26,075,672		\$45,465,414	

Date Board Approved	Nov-16		Nov-16		May-17		Jun-17		Aug-17		Feb-18		Feb-18		Apr-18	
District	Bourne		Newton		Millis		Triton		Lexington		Ludlow		Taunton		Harvard	
School Name	Peebles ES		Cabot		Clyde F Brown		Pine Grove		Maria Hastings		Chapin Street ES		Mulcahey ES		Hildreth ES	
Project Type	Core Program		Core Program		Core Program		Core Program		Core Program		Core Program		Core Program		Core Program	
Project Scope	New Construction		Addition / Renovation		New Construction		Addition / Renovation		New Construction		New Construction		New Construction		New Construction	
Enrollment	460		480		515		415		645		630		735		445	
GSF	72,680		84,262		89,852		87,674		110,000		106,250		119,693		85,214	
Assumed Start of Construction	Nov-17		Jul-17		Nov-17		Apr-18		Sep-18		May-19		Jan-19		Jun-19	
OPM	Symmes Maini & McKee Associates, Inc.		NV5 (fka Joslin, Lesser + Associates Inc.)		Compass Project Management, Inc.		Anser Advisory		Dore & Whittier Management Partners, Inc.		STV DPM (fka STV Inc.)		CGA Project Management		NV5 (fka Joslin, Lesser + Associates Inc.)	
Designer	Flansburgh Associates, Inc.		DiNisco Design, Inc.		Tappe Architects, Inc.		Dore & Whittier Architects, Inc.		DiNisco Design, Inc.		Mount Vernon Group Architects, Inc.		Dore & Whittier Architects, Inc.		Arrowstreet Inc.	
Cost Estimator	Project Management & Cost		A M Fogarty & Associates Inc.		A M Fogarty & Associates Inc.		Project Management & Cost		A M Fogarty & Associates Inc.		Fennessy Consulting Services		Project Management & Cost		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	Cost	% of Total Construction
Designer	Flansburgh Associates, Inc.		DiNisco Design, Inc.		Tappe Architects, Inc.		Dore & Whittier Architects, Inc.		DiNisco Design, Inc.		Mount Vernon Group Architects, Inc.		Dore & Whittier Architects, Inc.		Arrowstreet Inc.	
Basic Services																
<i>Feasibility Study</i>	\$505,000	1.63%	\$935,000	2.58%	\$741,168	1.74%	\$515,690	1.71%	\$590,000	1.11%	\$681,295	1.49%	\$1,099,890	2.20%	\$328,000	0.76%
<i>Design Development</i>	\$530,000	1.71%	\$700,000	1.93%	\$806,546	1.89%	\$593,398	1.97%	\$968,800	1.83%	\$800,000	1.75%	\$933,960	1.87%	\$1,077,330	2.51%
<i>Construction Contract Documents</i>	\$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%	\$1,750,000	3.82%	\$1,330,674	2.66%	\$1,866,200	4.34%
<i>Bidding</i>	\$130,000	0.42%	\$100,000	0.28%	\$181,309	0.43%	\$148,350	0.49%	\$149,880	0.28%	\$225,000	0.49%	\$220,860	0.44%	\$150,000	0.35%
<i>Construction Contract Administration</i>	\$874,000	2.83%	\$1,000,000	2.76%	\$906,546	2.13%	\$890,097	2.95%	\$1,249,000	2.36%	\$750,000	1.64%	\$1,421,738	2.84%	\$943,774	2.19%
<i>Closeout</i>	\$132,037	0.43%	\$60,000	0.17%	\$181,309	0.43%	\$148,350	0.49%	\$99,920	0.19%	\$110,000	0.24%	\$73,394	0.15%	\$34,600	0.08%
<i>Other Basic Services</i>					\$50,000	0.12%					\$325,000	0.71%				
Subtotal Designer Basic Services	\$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%	\$4,641,295	10.14%	\$5,080,516	10.15%	\$4,399,904	10.23%
Reimbursable Services																
<i>Construction Testing</i>	\$40,000	0.13%			\$25,000	0.06%			\$60,000	0.11%	\$40,000	0.09%				
<i>Printing (Over Minimum)</i>	\$20,000	0.06%			\$30,000	0.07%	\$8,000	0.03%	\$30,000	0.06%	\$40,000	0.09%	\$10,000	0.02%		
<i>Other Reimbursable Costs</i>	\$100,000	0.32%			\$10,000	0.02%	\$15,000	0.05%	\$87,000	0.16%	\$40,000	0.09%	\$270,000	0.54%	\$50,000	0.12%
Sub-Consultants																
<i>Hazardous Materials</i>	\$100,000	0.32%	\$50,000	0.14%	\$80,000	0.19%	\$83,100	0.28%	\$35,000	0.07%	\$20,000	0.04%	\$100,000	0.20%	\$65,000	0.15%
<i>Geotech & Geotech Environment</i>	\$80,000	0.26%	\$150,000	0.41%	\$100,000	0.23%	\$35,000	0.12%	\$55,000	0.10%	\$80,000	0.17%	\$100,000	0.20%	\$125,000	0.29%
<i>Site Survey</i>	\$60,000	0.19%	\$5,000	0.01%	\$10,000	0.02%	\$50,000	0.17%	\$20,000	0.04%	\$5,000	0.01%			\$10,000	0.02%
<i>Wetlands</i>	\$5,000	0.02%			\$10,000	0.02%	\$30,000	0.10%			\$20,000	0.04%			\$10,000	0.02%
<i>Traffic Studies</i>	\$40,000	0.13%	\$15,000	0.04%	\$30,000	0.07%	\$15,000	0.05%	\$17,000	0.03%			\$25,000	0.05%	\$15,000	0.03%
Total Designer Fees	\$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%	\$4,886,295	10.68%	\$5,585,516	11.15%	\$4,674,904	10.87%
Owner's Project Manager	Symmes Maini & McKee Associates, Inc.		NV5 (fka Joslin, Lesser + Associates Inc.)		Compass Project Management, Inc.		Anser Advisory		Dore & Whittier Management Partners, Inc.		STV DPM (fka STV Inc.)		CGA Project Management		NV5 (fka Joslin, Lesser + Associates Inc.)	
<i>Feasibility Study</i>	\$245,000	0.79%	\$465,000	1.28%	\$258,832	0.61%	\$284,310	0.94%	\$310,000	0.59%	\$200,813	0.44%	\$240,182	0.48%	\$172,000	0.40%
<i>Design Development</i>	\$50,000	0.16%	\$120,000	0.33%	\$90,427	0.21%	\$32,648	0.11%	\$180,000	0.34%	\$41,286	0.09%	\$90,000	0.18%	\$68,000	0.16%
<i>Construction Contract Documents</i>	\$90,000	0.29%	\$295,000	0.81%	\$91,695	0.22%	\$81,621	0.27%	\$200,000	0.38%	\$164,722	0.36%	\$135,000	0.27%	\$102,000	0.24%
<i>Bidding</i>	\$50,000	0.16%	\$115,000	0.32%	\$78,431	0.18%	\$66,401	0.22%	\$60,000	0.11%	\$48,576	0.11%	\$45,000	0.09%	\$53,000	0.12%
<i>Construction Contract Administration</i>	\$800,000	2.59%	\$693,000	1.91%	\$994,726	2.34%	\$890,356	2.95%	\$1,100,000	2.08%	\$1,083,024	2.37%	\$1,060,000	2.12%	\$1,063,000	2.47%
<i>Closeout</i>	\$54,863	0.18%	\$56,000	0.15%	\$85,801	0.20%	\$55,121	0.18%	\$100,000	0.19%	\$52,244	0.11%	\$60,000	0.12%	\$38,000	0.09%
<i>Extra Services</i>	\$40,000	0.13%			\$124,921	0.29%			\$60,000	0.11%	\$60,000	0.13%				
<i>Other Project Manager Costs</i>																
<i>Reimbursables & Other Services</i>	\$15,000	0.05%			\$1,624	0.00%	\$20,000	0.07%	\$5,000	0.01%			\$5,000	0.01%		
<i>Cost Estimates</i>	\$50,000	0.16%			\$30,000	0.07%			\$25,000	0.05%	\$40,000	0.09%	\$60,000	0.12%		
Total OPM Fees	\$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%	\$1,690,665	3.70%	\$1,695,182	3.39%	\$1,496,000	3.48%
Total Designer and OPM Fees	\$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%	\$6,576,960	14.37%	\$7,280,698	14.54%	\$6,170,904	14.35%
Total Construction Costs	\$30,910,366		\$36,250,776		\$42,591,393		\$30,191,749		\$52,973,418		\$45,754,614		\$50,074,205		\$42,999,041	

Date Board Approved	Apr-18		Jun-18		Aug-18		Oct-18		Dec-18		Dec-18		Feb-19		Feb-19	
District	Marlborough		Northbridge		Foxborough		Shrewsbury		Danvers		Wareham		Easthampton		Marblehead	
School Name	Richer		W Edward Balmer		Mabelle M Burrell		Beal School		Ivan G Smith		Minot Forest		Maple		Elbridge Gerry	
Project Type	Core Program		Core Program		Core Program		Core Program		Core Program		Core Program		Core Program		Core Program	
Project Scope	New Construction - Model School		New Construction		Addition / Renovation		New Construction		New Construction		New Construction		New Construction		New Construction	
Enrollment	610		1,030		270		790		465		1,020		1,010		450	
GSF	111,437		167,352		61,455		141,600		82,728		159,989		177,370		81,935	
Assumed Start of Construction	Jul-18		Aug-19		Nov-19		Sep-19		Jun-19		Mar-20		Dec-19		Apr-20	
OPM	CHA Consulting, Inc.		Symmes Maini & McKee Associates, Inc.		Colliers Project Leaders NE, LLC		PMA Consultants, LLC		PMA Consultants, LLC		PMA Consultants, LLC		Colliers Project Leaders NE, LLC		Leftfield, LLC	
Designer	Mount Vernon Group Architects, Inc.		Dore & Whittier Architects, Inc.		Kaestle Boos Associates, Inc.		Lamoureux Pagano Associates Architects, Inc.		Tappe Architects, Inc.		Mount Vernon Group Architects, Inc.		Caolo & Bieniek Associates, Inc.		Raymond Design Associates, Inc.	
Cost Estimator	A M Fogarty & Associates Inc.		Project Management & Cost		Miyakoda Consulting		A M Fogarty & Associates Inc.		Project Management & Cost		Fennessy Consulting Services		VJ Associates of New England		VJ Associates of New England	
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	Cost	% of Total Construction
Designer	Mount Vernon Group Architects, Inc.		Dore & Whittier Architects, Inc.		Kaestle Boos Associates, Inc.		Lamoureux Pagano Associates Architects, Inc.		Tappe Architects, Inc.		Mount Vernon Group Architects, Inc.		Caolo & Bieniek Associates, Inc.		Raymond Design Associates, Inc.	
Basic Services																
Feasibility Study	\$807,200	1.69%	\$575,000	0.72%	\$311,600	1.15%	\$839,711	1.13%	\$555,485	1.32%	\$560,000	0.78%	\$750,000	0.83%	\$533,730	1.22%
Design Development			\$1,944,609	2.45%	\$501,900	1.85%	\$1,593,750	2.15%	\$746,000	1.77%	\$1,550,984	2.15%	\$2,053,660	2.28%	\$800,000	1.83%
Construction Contract Documents	\$1,178,392	2.46%	\$2,657,249	3.34%	\$1,203,800	4.45%	\$3,028,125	4.09%	\$1,305,500	3.10%	\$3,088,418	4.29%	\$3,604,880	4.00%	\$1,432,000	3.27%
Bidding	\$80,000	0.17%	\$227,830	0.29%	\$72,400	0.27%	\$159,375	0.22%	\$186,500	0.44%	\$200,918	0.28%	\$270,366	0.30%	\$220,000	0.50%
Construction Contract Administration	\$620,000	1.30%	\$2,252,218	2.83%	\$623,400	2.30%	\$1,530,000	2.06%	\$1,119,000	2.66%	\$1,478,217	2.05%	\$2,300,000	2.55%	\$1,350,000	3.08%
Closeout	\$63,000	0.13%	\$164,136	0.21%	\$26,400	0.10%	\$63,750	0.09%	\$373,000	0.89%	\$25,000	0.03%	\$133,294	0.15%	\$100,000	0.23%
Other Basic Services	\$200,000	0.42%									\$303,100	0.42%				
Subtotal Designer Basic Services	\$2,948,592	6.16%	\$7,821,042	9.84%	\$2,739,500	10.12%	\$7,214,711	9.73%	\$4,285,485	10.19%	\$7,206,637	10.00%	\$9,112,200	10.11%	\$4,435,730	10.13%
Reimbursable Services																
Construction Testing	\$100,000	0.21%	\$30,000	0.04%	\$25,000	0.09%							\$50,000	0.06%		
Printing (Over Minimum)	\$30,000	0.06%	\$20,000	0.03%	\$20,000	0.07%	\$15,000	0.02%	\$15,000	0.04%			\$10,000	0.01%	\$5,000	0.01%
Other Reimbursable Costs	\$20,000	0.04%	\$100,000	0.13%	\$20,000	0.07%	\$150,000	0.20%			\$179,870	0.25%	\$10,000	0.01%	\$38,500	0.09%
Sub-Consultants																
Hazardous Materials			\$100,000	0.13%	\$75,000	0.28%	\$200,000	0.27%	\$50,500	0.12%	\$113,630	0.16%	\$75,000	0.08%	\$71,500	0.16%
Geotech & Geotech Environment	\$60,000	0.13%	\$85,000	0.11%	\$30,000	0.11%	\$150,000	0.20%	\$30,000	0.07%	\$148,500	0.21%	\$100,000	0.11%	\$225,500	0.51%
Site Survey	\$45,000	0.09%	\$40,000	0.05%	\$25,000	0.09%	\$30,000	0.04%	\$50,000	0.12%	\$49,500	0.07%	\$40,000	0.04%	\$44,000	0.10%
Wetlands	\$40,000	0.08%	\$40,000	0.05%	\$20,000	0.07%			\$20,000	0.05%	\$62,000	0.09%	\$30,000	0.03%	\$16,500	0.04%
Traffic Studies			\$35,000	0.04%	\$25,000	0.09%	\$25,000	0.03%	\$3,000	0.01%	\$71,500	0.10%	\$50,000	0.06%	\$27,500	0.06%
Total Designer Fees	\$3,243,592	6.78%	\$8,271,042	10.40%	\$2,979,500	11.01%	\$7,784,711	10.50%	\$4,453,985	10.59%	\$7,831,637	10.87%	\$9,477,200	10.52%	\$4,864,230	11.11%
Owner's Project Manager	CHA Consulting, Inc.		Symmes Maini & McKee Associates, Inc.		Colliers Project Leaders NE, LLC		PMA Consultants, LLC		PMA Consultants, LLC		PMA Consultants, LLC		Colliers Project Leaders NE, LLC		Leftfield, LLC	
Feasibility Study	\$155,000	0.32%	\$200,000	0.25%	\$324,400	1.20%	\$242,556	0.33%	\$230,610	0.55%	\$219,683	0.30%	\$250,000	0.28%	\$216,270	0.49%
Design Development	\$125,000	0.26%	\$180,250	0.23%	\$33,100	0.12%	\$115,108	0.16%	\$49,460	0.12%	\$135,000	0.19%	\$124,400	0.14%	\$225,000	0.51%
Construction Contract Documents	\$175,000	0.37%	\$250,025	0.31%	\$63,100	0.23%	\$430,835	0.58%	\$227,585	0.54%	\$570,000	0.79%	\$194,700	0.22%	\$225,000	0.51%
Bidding	\$47,000	0.10%	\$95,050	0.12%	\$53,000	0.20%							\$122,500	0.14%	\$100,000	0.23%
Construction Contract Administration	\$880,000	1.84%	\$1,912,599	2.41%	\$713,600	2.64%	\$1,666,438	2.25%	\$830,200	1.97%	\$1,425,000	1.98%	\$2,333,200	2.59%	\$1,435,750	3.28%
Closeout	\$40,000	0.08%	\$120,080	0.15%	\$76,900	0.28%	\$138,976	0.19%	\$70,355	0.17%	\$230,000	0.32%	\$158,388	0.18%	\$200,000	0.46%
Extra Services	\$15,000	0.03%	\$100,000	0.13%			\$30,000	0.04%	\$50,000	0.12%	\$500,000	0.69%				
Other Project Manager Costs																
Reimbursables & Other Services			\$40,000	0.05%			\$80,000	0.11%	\$120,000	0.29%	\$500,000	0.69%				
Cost Estimates					\$44,000	0.16%	\$65,000	0.09%	\$25,000	0.06%	\$74,800	0.10%	\$64,000	0.07%		
Total OPM Fees	\$1,437,000	3.00%	\$2,898,004	3.65%	\$1,308,100	4.83%	\$2,768,913	3.74%	\$1,603,210	3.81%	\$3,654,483	5.07%	\$3,247,188	3.60%	\$2,402,020	5.49%
Total Designer and OPM Fees	\$4,680,592	9.79%	\$11,169,046	14.05%	\$4,287,600	15.85%	\$10,553,624	14.24%	\$6,057,195	14.40%	\$11,486,120	15.94%	\$12,724,388	14.12%	\$7,266,250	16.59%
Total Construction Costs	\$47,831,946		\$79,492,662		\$27,057,700		\$74,111,830		\$42,074,273		\$72,066,378		\$90,122,000		\$43,786,426	

Date Board Approved	Feb-19		Feb-19		Aug-19		Aug-19		Aug-19		Aug-19		Aug-19			
District	Tewksbury		Westborough		Amesbury		Bridgewater-Raynham		Gardner		Millbury		West Springfield		Manchester Essex Regional	
School Name	Louise Davy Trahan		Annie E Fales		Amesbury ES		Mitchell ES		Waterford Street		Raymond E. Shaw ES		Philip G Coburn		Manchester Memorial ES	
Project Type	Core Program		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		New Construction	
Enrollment	790		400		425		740		925		550		585		335	
GSF	139,457		70,242		98,195		132,045		147,120		90,266		119,800		77,102	
Assumed Start of Construction	Jul-20		Feb-20		May-21		Feb-21		Oct-20		Jan-21		Nov-20		Jul-19	
OPM	Turner & Townsend Heery		The Vertex Companies, LLC		NV5 (fka Joslin, Lesser + Associates Inc.)		CHA Consulting, Inc.		Colliers Project Leaders NE, LLC		Hill-LiRo, Corp. (fka Hill International)		NV5 (fka Joslin, Lesser + Associates Inc.)		Dore & Whittier Management Partners, Inc.	
Designer	Flansburgh Associates, Inc.		HMFH Architects, Inc.		DiNisco Design, Inc.		Raymond Design Associates, Inc.		Jones Whitsett Architects, Inc.		Turowski2 Architecture, Inc.		TSKP Studio, LLC		JCJ Architecture, PC	
Cost Estimator	Project Management & Cost		Miyakoda Consulting		A M Fogarty & Associates Inc.		Ellana, Inc.		Project Management & Cost		Project Management & Cost		A M Fogarty & Associates Inc.		VJ Associates of New England	
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	Cost	% of Total Construction
Designer	Flansburgh Associates, Inc.		HMFH Architects, Inc.		DiNisco Design, Inc.		Raymond Design Associates, Inc.		Jones Whitsett Architects, Inc.		Turowski2 Architecture, Inc.		TSKP Studio, LLC		JCJ Architecture, PC	
Basic Services																
<i>Feasibility Study</i>	\$691,999	0.89%	\$674,800	1.48%	\$711,992	1.45%	\$565,000	0.87%	\$500,000	0.70%	\$377,710	0.77%	\$599,700	1.10%	\$450,000	1.09%
<i>Design Development</i>	\$2,042,100	2.64%	\$950,000	2.08%	\$870,000	1.78%	\$1,200,000	1.86%	\$1,466,014	2.07%	\$1,134,849	2.30%	\$1,263,000	2.31%	\$1,165,500	2.83%
<i>Construction Contract Documents</i>	\$2,377,200	3.07%	\$1,250,000	2.74%	\$1,960,000	4.00%	\$2,400,000	3.71%	\$2,199,021	3.10%	\$2,041,960	4.14%	\$2,306,000	4.21%	\$1,750,000	4.25%
<i>Bidding</i>	\$446,700	0.58%	\$120,000	0.26%	\$147,000	0.30%	\$200,000	0.31%	\$333,185	0.47%	\$184,946	0.38%	\$129,000	0.24%	\$170,000	0.41%
<i>Construction Contract Administration</i>	\$2,328,150	3.01%	\$1,110,000	2.43%	\$1,225,000	2.50%	\$2,100,000	3.25%	\$2,532,206	3.57%	\$1,134,608	2.30%	\$1,150,000	2.10%	\$1,345,000	3.27%
<i>Closeout</i>	\$204,200	0.26%	\$70,000	0.15%	\$95,693	0.20%	\$120,000	0.19%	\$133,274	0.19%	\$120,308	0.24%	\$55,000	0.10%	\$192,000	0.47%
<i>Other Basic Services</i>	\$155,200	0.20%	\$354,000	0.78%									\$25,000	0.05%		
Subtotal Designer Basic Services	\$8,245,549	10.65%	\$4,528,800	9.93%	\$5,009,685	10.23%	\$6,585,000	10.18%	\$7,163,700	10.10%	\$4,994,381	10.14%	\$5,527,700	10.10%	\$5,072,500	12.33%
Reimbursable Services																
<i>Construction Testing</i>			\$100,000	0.22%					\$35,000	0.05%	\$120,000	0.24%				
<i>Printing (Over Minimum)</i>	\$60,000	0.08%	\$10,000	0.02%	\$5,000	0.01%			\$10,000	0.01%	\$10,000	0.02%				
<i>Other Reimbursable Costs</i>			\$52,000	0.11%	\$105,000	0.21%	\$20,000	0.03%	\$100,000	0.14%	\$153,600	0.31%	\$100,000	0.18%	\$20,240	0.05%
Sub-Consultants																
<i>Hazardous Materials</i>	\$125,000	0.16%	\$50,000	0.11%			\$25,000	0.04%	\$50,000	0.07%	\$57,076	0.12%	\$150,000	0.27%	\$84,700	0.21%
<i>Geotech & Geotech Environment</i>	\$125,000	0.16%	\$218,000	0.48%	\$100,000	0.20%	\$110,000	0.17%	\$130,000	0.18%	\$40,975	0.08%	\$25,000	0.05%	\$96,000	0.23%
<i>Site Survey</i>	\$75,000	0.10%			\$30,000	0.06%	\$40,000	0.06%	\$50,000	0.07%	\$15,000	0.03%	\$5,000	0.01%		
<i>Wetlands</i>	\$75,000	0.10%			\$45,000	0.09%	\$30,000	0.05%	\$50,000	0.07%						
<i>Traffic Studies</i>	\$75,000	0.10%			\$15,000	0.03%	\$5,000	0.01%	\$100,000	0.14%	\$6,000	0.01%				
Total Designer Fees	\$8,780,549	11.34%	\$4,958,800	10.87%	\$5,309,685	10.84%	\$6,815,000	10.54%	\$7,688,700	10.84%	\$5,397,032	10.95%	\$5,807,700	10.61%	\$5,273,440	12.82%
Owner's Project Manager	Turner & Townsend Heery		The Vertex Companies, LLC		NV5 (fka Joslin, Lesser + Associates Inc.)		CHA Consulting, Inc.		Colliers Project Leaders NE, LLC		Hill-LiRo, Corp. (fka Hill International)		NV5 (fka Joslin, Lesser + Associates Inc.)		Dore & Whittier Management Partners, Inc.	
<i>Feasibility Study</i>	\$407,566	0.53%	\$137,622	0.30%	\$180,030	0.37%	\$235,000	0.36%	\$250,000	0.35%	\$172,290	0.35%	\$176,500	0.32%	\$200,000	0.49%
<i>Design Development</i>	\$163,200	0.21%	\$106,839	0.23%	\$180,000	0.37%	\$136,000	0.21%	\$106,000	0.15%	\$130,350	0.26%	\$70,908	0.13%	\$102,361	0.25%
<i>Construction Contract Documents</i>	\$153,888	0.20%	\$159,144	0.35%	\$360,000	0.74%	\$238,000	0.37%	\$242,700	0.34%	\$282,180	0.57%	\$131,234	0.24%	\$87,864	0.21%
<i>Bidding</i>	\$58,320	0.08%	\$62,117	0.14%	\$100,000	0.20%	\$80,000	0.12%	\$122,200	0.17%	\$40,720	0.08%	\$28,682	0.05%	\$58,576	0.14%
<i>Construction Contract Administration</i>	\$2,145,700	2.77%	\$1,047,119	2.29%	\$800,000	1.63%	\$1,288,000	1.99%	\$1,525,500	2.15%	\$983,773	2.00%	\$1,397,950	2.55%	\$1,567,114	3.81%
<i>Closeout</i>	\$30,500	0.04%	\$84,302	0.18%	\$74,193	0.15%	\$144,000	0.22%	\$286,395	0.40%	\$83,500	0.17%	\$112,814	0.21%	\$102,361	0.25%
<i>Extra Services</i>																
<i>Other Project Manager Costs</i>																
<i>Reimbursables & Other Services</i>																
<i>Cost Estimates</i>	\$170,892	0.22%	\$88,000	0.19%	\$48,000	0.10%	\$164,000	0.25%	\$66,800	0.09%	\$40,000	0.08%	\$56,100	0.10%		
Total OPM Fees	\$3,130,066	4.04%	\$1,685,143	3.69%	\$1,742,223	3.56%	\$2,285,000	3.53%	\$2,599,595	3.66%	\$1,732,813	3.52%	\$1,974,188	3.61%	\$2,118,276	5.15%
Total Designer and OPM Fees	\$11,910,615	15.38%	\$6,643,943	14.56%	\$7,051,908	14.40%	\$9,100,000	14.07%	\$10,288,295	14.50%	\$7,129,845	14.47%	\$7,781,888	14.22%	\$7,391,716	17.97%
Total Construction Costs	\$77,450,806		\$45,627,177		\$48,976,932		\$64,679,981		\$70,937,000		\$49,269,791		\$54,733,011		\$41,142,104	

Date Board Approved	Aug-19		Oct-19		Oct-19		Oct-19		Apr-20		Jun-20		Aug-20		Oct-20	
District	Springfield		Acton-Boxborough		Easton		Rockland		Orange		Springfield		Gloucester		Ashland	
School Name	Brightwood		C.T. Douglas ES		Center School		Jefferson ES		Dexter Park		William N Deberry		East Gloucester ES		David Mindess	
Project Type	Core Program		Core Program		Core Program		Core Program		Core Program		Core Program		Core Program		Core Program	
Project Scope	New Construction		New Construction		New Construction		New Construction		Addition / Renovation		New Construction		New Construction		New Construction	
Enrollment	800		990		760		760		520		800		440		635	
GSF	150,500		174,759		148,422		120,672		97,115		155,990		90,461		104,885	
Assumed Start of Construction	May-19		Jul-20		Mar-21		Mar-21		Jul-21		Apr-22		Aug-21		Nov-21	
OPM	Skanska USA Building, Inc		Skanska USA Building, Inc		PMA Consultants, LLC		PMA Consultants, LLC		Hill-LiRo, Corp. (fka Hill International)		Skanska USA Building, Inc		Turner & Townsend Heery		Compass Project Management, Inc.	
Designer	DiNisco Design, Inc.		Arrowstreet Inc.		Perkins Eastman/DPC		Symmes Maini & McKee Associates, Inc.		Raymond Design Associates, Inc.		DiNisco Design, Inc.		Dore & Whittier Architects, Inc.		Flansburgh Associates, Inc.	
Cost Estimator	A M Fogarty & Associates Inc.		Project Management & Cost		Project Management & Cost		Miyakoda Consulting		Ellana, 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	Cost	% of Total Construction
Designer	DiNisco Design, Inc.		Arrowstreet Inc.		Perkins Eastman/DPC		Symmes Maini & McKee Associates, Inc.		Raymond Design Associates, Inc.		DiNisco Design, Inc.		Dore & Whittier Architects, Inc.		Flansburgh Associates, Inc.	
Basic Services																
<i>Feasibility Study</i>	\$700,000	1.05%	\$950,000	1.00%	\$628,978	0.84%	\$548,865	0.80%	\$550,000	1.20%	\$800,000	1.03%	\$714,898	1.38%	\$740,000	1.09%
<i>Design Development</i>	\$1,450,000	2.17%	\$2,400,000	2.52%	\$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%
<i>Construction Contract Documents</i>	\$2,600,000	3.88%	\$3,983,000	4.18%	\$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%	\$2,116,670	3.13%
<i>Bidding</i>	\$195,000	0.29%	\$280,000	0.29%	\$200,000	0.27%	\$340,000	0.50%	\$120,000	0.26%	\$234,000	0.30%	\$226,800	0.44%	\$186,765	0.28%
<i>Construction Contract Administration</i>	\$1,819,120	2.72%	\$1,900,000	1.99%	\$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%
<i>Closeout</i>	\$130,000	0.19%	\$87,583	0.09%	\$250,000	0.33%	\$137,000	0.20%	\$46,400	0.10%	\$120,152	0.15%	\$72,900	0.14%	\$186,765	0.28%
<i>Other Basic Services</i>															\$226,170	0.33%
Subtotal Designer Basic Services	\$6,894,120	10.30%	\$9,600,583	10.08%	\$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%
Reimbursable Services																
<i>Construction Testing</i>															\$30,000	0.04%
<i>Printing (Over Minimum)</i>	\$10,000	0.01%	\$10,000	0.01%					\$25,000	0.05%	\$10,000	0.01%	\$30,000	0.06%	\$20,000	0.03%
<i>Other Reimbursable Costs</i>	\$70,000	0.10%	\$70,000	0.07%	\$450,000	0.60%	\$150,000	0.22%	\$40,000	0.09%	\$102,000	0.13%	\$268,500	0.52%	\$76,350	0.11%
Sub-Consultants																
<i>Hazardous Materials</i>			\$50,000	0.05%	\$115,000	0.15%	\$200,000	0.29%	\$110,000	0.24%	\$35,000	0.05%	\$30,000	0.06%	\$120,000	0.18%
<i>Geotech & Geotech Environment</i>	\$84,120	0.13%	\$100,000	0.10%	\$85,000	0.11%	\$400,000	0.59%	\$190,000	0.42%	\$101,000	0.13%	\$150,000	0.29%	\$270,000	0.40%
<i>Site Survey</i>	\$10,000	0.01%					\$20,000	0.03%	\$95,000	0.21%	\$35,000	0.05%	\$25,000	0.05%	\$70,000	0.10%
<i>Wetlands</i>							\$5,000	0.01%	\$65,000	0.14%			\$15,000	0.03%	\$15,000	0.02%
<i>Traffic Studies</i>	\$20,000	0.03%					\$20,000	0.03%	\$10,000	0.02%	\$30,000	0.04%	\$10,000	0.02%	\$40,000	0.06%
Total Designer Fees	\$7,088,240	10.59%	\$9,830,583	10.32%	\$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%
Owner's Project Manager	Skanska USA Building, Inc		Skanska USA Building, Inc		PMA Consultants, LLC		PMA Consultants, LLC		Hill-LiRo, Corp. (fka Hill International)		Skanska USA Building, Inc		Turner & Townsend Heery		Compass Project Management, Inc.	
<i>Feasibility Study</i>	\$300,000	0.45%	\$350,000	0.37%	\$222,236	0.30%	\$219,874	0.32%	\$325,000	0.71%	\$700,000	0.90%	\$285,102	0.55%	\$260,000	0.38%
<i>Design Development</i>	\$150,000	0.22%	\$180,757	0.19%	\$155,000	0.21%	\$170,000	0.25%	\$150,000	0.33%	\$180,000	0.23%	\$154,066	0.30%	\$210,000	0.31%
<i>Construction Contract Documents</i>	\$300,000	0.45%	\$301,262	0.32%	\$375,000	0.50%	\$355,000	0.52%	\$219,000	0.48%	\$320,000	0.41%	\$232,939	0.45%	\$200,000	0.30%
<i>Bidding</i>	\$100,000	0.15%	\$150,631	0.16%					\$35,000	0.08%	\$130,000	0.17%	\$137,078	0.26%	\$54,000	0.08%
<i>Construction Contract Administration</i>	\$1,425,000	2.13%	\$2,259,464	2.37%	\$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%
<i>Closeout</i>	\$120,592	0.18%	\$120,505	0.13%	\$97,030	0.13%	\$129,340	0.19%	\$80,000	0.17%	\$171,913	0.22%	\$136,347	0.26%	\$64,628	0.10%
<i>Extra Services</i>					\$150,000	0.20%			\$25,000	0.05%			\$136,800	0.26%		
<i>Other Project Manager Costs</i>																
<i>Reimbursables & Other Services</i>					\$350,000	0.47%	\$150,000	0.22%	\$10,000	0.02%			\$50,000	0.10%	\$5,005	0.01%
<i>Cost Estimates</i>					\$54,560	0.07%	\$96,800	0.14%	\$50,000	0.11%			\$43,260	0.08%	\$50,000	0.07%
Total OPM Fees	\$2,395,592	3.58%	\$3,362,619	3.53%	\$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%
Total Designer and OPM Fees	\$9,483,832	14.17%	\$13,193,202	13.85%	\$11,423,462	15.25%	\$10,386,279	15.22%	\$7,320,400	16.01%	\$11,429,065	14.72%	\$8,506,735	16.38%	\$9,957,833	14.70%
Total Construction Costs	\$66,941,200		\$95,255,831		\$74,886,581		\$68,249,754		\$45,730,728		\$77,641,520		\$51,925,531		\$67,725,296	

Date Board Approved	Feb-21		Apr-21		Apr-21		Jun-21		Jun-21		Aug-21		Oct-21		Oct-21	
District	Groton-Dunstable		Andover		Westwood		Fitchburg		Swampscott		Wellesley		Lawrence		Peabody	
School Name	Florence Roche		West ES		Paul Hanlon		Crocker ES		Hadley		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		Core Program	
Project Scope	New Construction		New Construction		New Construction		New Construction		New Construction		New Construction		New Construction		Addition / Renovation	
Enrollment	645		925		560		845		900		365		1,000		390	
GSF	109,855		191,028		113,141		115,788		153,855		80,039		173,520		59,025	
Assumed Start of Construction	Mar-22		Jun-22		Jul-22		Mar-23		Nov-22		Apr-23		May-23		May-22	
OPM	Leftfield, LLC		PMA Consultants, LLC		Compass Project Management, Inc.		Colliers Project Leaders NE, LLC		Hill-LiRo, Corp. (fka Hill International)		Compass Project Management, Inc.		Atlantic Construction and Management, Inc.		Dore & Whittier Management Partners, Inc.	
Designer	Studio G. Architects, Inc.		Symmes Maini & McKee Associates, Inc.		Dore & Whittier Architects, Inc.		saam architecture		LaVallee Brensinger Architects		Symmes Maini & McKee Associates, Inc.		Mount Vernon Group Architects, Inc.		DiNisco Design, Inc.	
Cost Estimator	Project Management & Cost		Miyakoda Consulting		Project Management & Cost		CHA Consulting, Inc.		Miyakoda Consulting		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	Cost	% of Total Construction
Designer	Studio G. Architects, Inc.		Symmes Maini & McKee Associates, Inc.		Dore & Whittier Architects, Inc.		saam architecture		LaVallee Brensinger Architects		Symmes Maini & McKee Associates, Inc.		Mount Vernon Group Architects, Inc.		DiNisco Design, Inc.	
Basic Services																
Feasibility Study	\$526,550	0.86%	\$824,230	0.69%	\$1,166,890	1.66%	\$741,000	1.49%	\$600,000	0.77%	\$1,267,710	2.28%	\$986,495	1.21%	\$659,583	2.82%
Design Development	\$1,875,000	3.05%	\$2,415,000	2.03%	\$1,417,099	2.01%	\$1,313,100	2.64%	\$1,970,000	2.53%	\$1,070,000	1.93%	\$1,697,625	2.07%	\$160,000	0.69%
Construction Contract Documents	\$1,875,000	3.05%	\$4,800,000	4.03%	\$2,156,455	3.06%	\$1,313,100	2.64%	\$2,600,000	3.34%	\$2,190,000	3.94%	\$2,970,844	3.63%	\$880,000	3.77%
Bidding	\$625,000	1.02%	\$500,000	0.42%	\$184,839	0.26%	\$218,850	0.44%	\$308,000	0.40%	\$110,000	0.20%	\$320,408	0.39%	\$66,000	0.28%
Construction Contract Administration	\$1,595,000	2.59%	\$3,000,000	2.52%	\$2,218,068	3.15%	\$1,422,525	2.86%	\$2,135,000	2.74%	\$1,400,000	2.52%	\$2,482,653	3.03%	\$550,000	2.36%
Closeout	\$320,000	0.52%	\$500,000	0.42%	\$184,839	0.26%	\$109,425	0.22%	\$230,716	0.30%	\$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	\$6,816,550	11.08%	\$12,039,230	10.10%	\$7,507,190	10.67%	\$5,118,000	10.28%	\$7,843,716	10.06%	\$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)	\$5,500	0.01%			\$10,000	0.01%	\$15,000	0.03%	\$10,000	0.01%	\$20,000	0.04%	\$45,000	0.05%	\$10,000	0.04%
Other Reimbursable Costs	\$100,000	0.16%	\$100,000	0.08%	\$141,000	0.20%	\$100,000	0.20%	\$50,000	0.06%	\$50,000	0.09%	\$40,000	0.05%	\$31,500	0.13%
Sub-Consultants																
Hazardous Materials	\$62,700	0.10%	\$55,000	0.05%	\$96,800	0.14%	\$125,000	0.25%	\$75,000	0.10%	\$70,250	0.13%	\$104,000	0.13%	\$43,000	0.18%
Geotech & Geotech Environment	\$247,500	0.40%	\$625,000	0.52%	\$76,800	0.11%	\$10,000	0.02%	\$200,000	0.26%	\$606,000	1.09%	\$134,000	0.16%	\$82,500	0.35%
Site Survey	\$50,000	0.08%	\$40,000	0.03%					\$20,000	0.03%	\$50,000	0.09%	\$10,000	0.01%	\$11,000	0.05%
Wetlands	\$21,450	0.03%	\$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	\$11,000	0.02%	\$45,000	0.04%			\$5,000	0.01%	\$90,000	0.12%	\$90,000	0.16%	\$30,000	0.04%	\$22,000	0.09%
Total Designer Fees	\$7,314,700	11.89%	\$12,919,230	10.84%	\$7,979,290	11.34%	\$5,373,000	10.79%	\$8,358,716	10.72%	\$7,128,960	12.83%	\$8,964,025	10.95%	\$2,594,583	11.11%
Owner's Project Manager	Leftfield, LLC		PMA Consultants, LLC		Compass Project Management, Inc.		Colliers Project Leaders NE, LLC		Hill-LiRo, Corp. (fka Hill International)		Compass Project Management, Inc.		Atlantic Construction and Management, Inc.		Dore & Whittier Management Partners, Inc.	
Feasibility Study	\$223,450	0.36%	\$375,770	0.32%	\$444,439	0.63%	\$259,000	0.52%	\$255,000	0.33%	\$1,232,290	2.22%	\$531,000	0.65%	\$540,417	2.31%
Design Development	\$225,000	0.37%	\$171,299	0.14%	\$136,359	0.19%	\$96,125	0.19%	\$322,880	0.41%	\$160,000	0.29%	\$240,000	0.29%	\$84,175	0.36%
Construction Contract Documents	\$225,000	0.37%	\$308,628	0.26%	\$205,246	0.29%	\$115,097	0.23%	\$389,448	0.50%	\$210,000	0.38%	\$480,000	0.59%	\$184,458	0.79%
Bidding	\$100,000	0.16%	\$9,545	0.01%	\$50,000	0.07%	\$72,399	0.15%	\$57,208	0.07%	\$40,000	0.07%	\$86,700	0.11%		
Construction Contract Administration	\$2,000,000	3.25%	\$3,178,363	2.67%	\$1,521,872	2.16%	\$1,125,279	2.26%	\$1,550,334	1.99%	\$1,107,829	1.99%	\$2,048,000	2.50%	\$747,878	3.20%
Closeout	\$175,000	0.28%	\$167,282	0.14%	\$72,200	0.10%	\$170,084	0.34%	\$207,548	0.27%	\$90,000	0.16%	\$312,200	0.38%	\$98,204	0.42%
Extra Services																
Other Project Manager Costs																
Reimbursables & Other Services	\$50,000	0.08%			\$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	\$2,998,450	4.87%	\$4,322,887	3.63%	\$2,495,116	3.55%	\$1,912,984	3.84%	\$2,782,418	3.57%	\$2,845,119	5.12%	\$3,697,900	4.52%	\$1,655,132	7.09%
Total Designer and OPM Fees	\$10,313,150	16.76%	\$17,242,117	14.47%	\$10,474,406	14.88%	\$7,285,984	14.64%	\$11,141,134	14.30%	\$9,974,079	17.95%	\$12,661,925	15.47%	\$4,249,715	18.20%
Total Construction Costs	\$61,541,339		\$119,178,907		\$70,380,680		\$49,774,500		\$77,937,159		\$55,569,898		\$81,846,297		\$23,348,836	

Date Board Approved	Oct-21		Oct-21		Aug-22		Oct-22		Apr-23		Jun-23		TOTAL - ALL ELEMENTARY SCHOOLS	
District	Randolph		Westfield		Hingham		Winchester		Amherst		Maynard			
School Name	Elizabeth G Lyons ES		Franklin Ave		Wm L Foster ES		Lynch ES		Fort River ES		Green Meadow			
Project Type	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			
Enrollment	315		395		605		520		575		395			
GSF	74,720		88,495		126,385		103,523		105,750		90,300			
Assumed Start of Construction	Mar-23		Mar-23		Dec-22		Nov-23		Aug-24		Jan-25			
OPM	CHA Consulting, Inc.		P3 Inc.		PMA Consultants, LLC		Hill-LiRo, Corp. (fka Hill International)		Anser Advisory		Colliers Project Leaders NE, LLC			
Designer	TSKP Studio, LLC		Caolo & Bieniek Associates, Inc.		Raymond Design Associates, Inc.		Tappe Architects, Inc.		DiNisco Design, Inc.		Mount Vernon Group Architects, Inc.			
Cost Estimator	A M Fogarty & Associates Inc.		A M Fogarty & Associates Inc.		Ellana, Inc.		Project Management & Cost		A M Fogarty & Associates Inc.		Fennessy Consulting Services			
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	TSKP Studio, LLC		Caolo & Bieniek Associates, Inc.		Raymond Design Associates, Inc.		Tappe Architects, Inc.		DiNisco Design, Inc.		Mount Vernon Group Architects, Inc.			
Basic Services														
Feasibility Study	\$656,577	1.58%	\$460,000	0.91%	\$820,000	0.93%	\$702,860	1.04%	\$727,464	0.89%	\$650,000	0.97%	\$39,485,587	1.21%
Design Development	\$990,000	2.38%	\$1,146,084	2.27%	\$1,643,252	1.86%	\$963,000	1.42%	\$1,489,000	1.83%	\$1,338,000	2.00%	\$68,755,285	2.10%
Construction Contract Documents	\$1,200,000	2.89%	\$1,850,935	3.67%	\$3,013,853	3.42%	\$2,247,000	3.32%	\$2,652,000	3.26%	\$2,341,500	3.50%	\$116,450,043	3.56%
Bidding	\$80,000	0.19%	\$120,255	0.24%	\$197,335	0.22%	\$642,000	0.95%	\$198,900	0.24%	\$334,500	0.50%	\$12,251,624	0.37%
Construction Contract Administration	\$1,100,000	2.65%	\$1,352,545	2.68%	\$2,841,624	3.22%	\$1,926,000	2.85%	\$1,657,500	2.04%	\$2,042,200	3.05%	\$86,873,873	2.66%
Closeout	\$80,000	0.19%	\$113,181	0.22%	\$197,335	0.22%	\$642,000	0.95%	\$132,600	0.16%	\$133,800	0.20%	\$7,780,107	0.24%
Other Basic Services							\$209,750	0.31%					\$2,693,055	0.08%
Subtotal Designer Basic Services	\$4,106,577	9.88%	\$5,043,000	10.00%	\$8,713,399	9.89%	\$7,332,610	10.84%	\$6,857,464	8.43%	\$6,840,000	10.22%	\$334,289,574	10.22%
Reimbursable Services														
Construction Testing			\$50,000	0.10%							\$25,000	0.04%	\$1,344,500	0.04%
Printing (Over Minimum)	\$15,000	0.04%					\$10,000	0.01%			\$50,000	0.07%	\$1,042,600	0.03%
Other Reimbursable Costs	\$60,000	0.14%			\$1,100,000	1.25%	\$50,000	0.07%	\$95,000	0.12%	\$100,000	0.15%	\$5,852,360	0.18%
Sub-Consultants														
Hazardous Materials			\$150,000	0.30%	\$575,000	0.65%	\$170,000	0.25%	\$92,000	0.11%	\$200,000	0.30%	\$4,992,256	0.15%
Geotech & Geotech Environment	\$10,000	0.02%	\$25,000	0.05%	\$1,450,000	1.65%	\$100,000	0.15%	\$225,000	0.28%	\$300,000	0.45%	\$8,955,895	0.27%
Site Survey			\$25,000	0.05%	\$75,000	0.09%	\$20,000	0.03%	\$7,000	0.01%	\$75,000	0.11%	\$1,676,970	0.05%
Wetlands					\$300,000	0.34%	\$100,000	0.15%	\$50,000	0.06%	\$50,000	0.07%	\$1,836,950	0.06%
Traffic Studies	\$17,600	0.04%	\$100,000	0.20%	\$75,000	0.09%	\$40,000	0.06%	\$25,000	0.03%	\$50,000	0.07%	\$1,594,670	0.05%
Total Designer Fees	\$4,209,177	10.12%	\$5,393,000	10.69%	\$12,288,399	13.95%	\$7,822,610	11.56%	\$7,351,464	9.04%	\$7,690,000	11.49%	\$361,585,775	11.05%
Owner's Project Manager	CHA Consulting, Inc.		P3 Inc.		PMA Consultants, LLC		Hill-LiRo, Corp. (fka Hill International)		Anser Advisory		Colliers Project Leaders NE, LLC			
Feasibility Study	\$297,500	0.72%	\$440,000	0.87%	\$280,000	0.32%	\$274,560	0.41%	\$302,536	0.37%	\$350,000	0.52%	\$17,237,219	0.53%
Design Development	\$190,000	0.46%	\$100,000	0.20%	\$250,000	0.28%	\$117,040	0.17%	\$132,674	0.16%	\$104,443	0.16%	\$7,810,388	0.24%
Construction Contract Documents	\$190,000	0.46%	\$212,000	0.42%	\$409,379	0.46%	\$222,670	0.33%	\$304,044	0.37%	\$181,043	0.27%	\$12,763,983	0.39%
Bidding	\$30,000	0.07%	\$60,000	0.12%			\$69,620	0.10%	\$65,231	0.08%	\$94,234	0.14%	\$3,529,828	0.11%
Construction Contract Administration	\$650,000	1.56%	\$900,000	1.78%	\$1,920,865	2.18%	\$1,672,700	2.47%	\$1,881,758	2.31%	\$1,514,268	2.26%	\$75,997,270	2.32%
Closeout	\$45,000	0.11%	\$55,000	0.11%	\$162,446	0.18%	\$241,220	0.36%	\$67,443	0.08%	\$197,687	0.30%	\$6,496,589	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%			\$48,000	0.06%			\$2,068,904	0.06%
Cost Estimates	\$97,300	0.23%	\$70,000	0.14%	\$150,000	0.17%	\$51,700	0.08%			\$75,000	0.11%	\$2,631,712	0.08%
Total OPM Fees	\$1,539,800	3.70%	\$1,837,000	3.64%	\$3,897,690	4.42%	\$2,649,510	3.92%	\$2,801,686	3.44%	\$2,516,675	3.76%	\$130,482,610	3.99%
Total Designer and OPM Fees	\$5,748,977	13.83%	\$7,230,000	14.34%	\$16,186,089	18.37%	\$10,472,120	15.47%	\$10,153,150	12.48%	\$10,206,675	15.26%	\$492,068,385	15.04%
Total Construction Costs	\$41,576,611		\$50,430,464		\$88,114,851		\$67,674,862		\$81,337,167		\$66,900,000		\$3,271,017,114	