

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

**Middle Schools**

Information as of:  
**October 2020**  
**Board Meeting**

The information and data contained in this spreadsheet is based on the MSBA's review of contracts and other documentation provided by cities, towns, and regional school districts, may include a preliminary review of scope exclusions and is intended for informational purposes only. The data may have changed based on actual construction bids or contract amendments, for example, and the MSBA shall have no responsibility or duty to update any of the information contained therein. Please contact the Districts for exact information. The MSBA hereby disclaims any and all liability and responsibility that may arise in connection with the information contained in this spreadsheet. 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		Nov-12		Mar-13		Mar-13		Mar-13		Oct-13	
District	North Adams		Chicopee		Auburn		Peabody		Wachusett		Lynn	
School Name	Silvio O Conte MS		Dupont MS		Auburn MS		J Henry Higgins MS		Mountview MS		Thurgood Marshall Mid	
Project Type	Core Program		Core Program		Core Program		Core Program		Core Program		Core Program	
Project Scope	Addition / Renovation		Renovation		New Construction		New Construction		New Construction		New Construction	
Enrollment	310		825		560		1,340		800		1,100	
GSF	78,119		176,425		101,424		227,314		126,200		181,847	
Assumed Start of Construction	Jan-14		Apr-14		Feb-14		Apr-14		May-14		May-14	
OPM	Colliers International		Arcadis U.S., Inc.		Skanska USA Building, Inc		Daedalus Projects Inc		Town Employee		Joslin, Lesser + Associates Inc.	
Designer	Jones Whitsett Architects, Inc.		Caolo & Bieniek Associates, Inc.		Lamoureux Pagano & Associates, Inc.		DiNisco Design Partnership, Limited		Lamoureux Pagano & Associates, Inc.		Raymond Design Associates, Inc.	
Cost Estimator	MPR Consulting Associates Inc		VJ Associates of New England		A M Fogarty & Associates Inc.		A M Fogarty & Associates Inc.		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
<b>Designer</b>	<b>Jones Whitsett Architects, Inc.</b>		<b>Caolo &amp; Bieniek Associates, Inc.</b>		<b>Lamoureux Pagano &amp; Associates, Inc.</b>		<b>DiNisco Design Partnership, Limited</b>		<b>Lamoureux Pagano &amp; Associates, Inc.</b>		<b>Raymond Design Associates, Inc.</b>	
<b>Basic Services</b>												
Feasibility Study	\$549,000	2.51%	\$481,350	1.56%	\$448,532	1.26%	\$647,000	0.86%	\$505,000	1.17%	\$513,539	0.76%
Design Development	\$590,000	2.70%	\$562,545	1.83%	\$450,000	1.27%	\$1,250,550	1.67%	\$797,000	1.85%	\$1,100,000	1.62%
Construction Contract Documents	\$590,000	2.70%	\$844,975	2.75%	\$1,207,000	3.40%	\$2,263,400	3.01%	\$1,629,000	3.78%	\$2,200,000	3.25%
Bidding	\$150,000	0.69%	\$83,340	0.27%	\$150,000	0.42%	\$282,925	0.38%	\$108,000	0.25%	\$260,000	0.38%
Construction Contract Administration	\$390,000	1.78%	\$690,580	2.24%	\$610,000	1.72%	\$1,414,625	1.88%	\$905,000	2.10%	\$1,800,000	2.66%
Closeout	\$40,000	0.18%	\$55,560	0.18%	\$150,000	0.42%			\$181,000	0.42%	\$240,000	0.35%
Other Basic Services			\$78,000	0.25%	\$125,000	0.35%	\$95,000	0.13%				
<b>Subtotal Designer Basic Services</b>	<b>\$2,309,000</b>	<b>10.57%</b>	<b>\$2,796,350</b>	<b>9.09%</b>	<b>\$3,140,532</b>	<b>8.85%</b>	<b>\$5,953,500</b>	<b>7.93%</b>	<b>\$4,125,000</b>	<b>9.57%</b>	<b>\$6,113,539</b>	<b>9.03%</b>
<b>Reimbursable Services</b>												
Construction Testing			\$24,000	0.08%			\$100,000	0.13%				
Printing (Over Minimum)	\$50,000	0.23%			\$65,000	0.18%	\$50,000	0.07%	\$40,000	0.09%		
Other Reimbursable Costs	\$45,000	0.21%	\$100,000	0.32%	\$25,000	0.07%			\$5,000	0.01%		
<b>Sub-Consultants</b>												
Hazardous Materials	\$100,000	0.46%	\$75,000	0.24%	\$15,000	0.04%	\$100,000	0.13%			\$80,000	0.12%
Geotech & Geotech Environment	\$30,000	0.14%			\$25,000	0.07%	\$60,000	0.08%	\$5,000	0.01%	\$290,000	0.43%
Site Survey	\$20,000	0.09%			\$10,000	0.03%	\$55,165	0.07%	\$20,000	0.05%	\$25,000	0.04%
Wetlands							\$40,000	0.05%	\$1,500	0.00%		
Traffic Studies	\$15,000	0.07%			\$10,000	0.03%	\$25,000	0.03%	\$4,000	0.01%	\$20,000	0.03%
<b>Total Designer Fees</b>	<b>\$2,569,000</b>	<b>11.76%</b>	<b>\$2,995,350</b>	<b>9.73%</b>	<b>\$3,290,532</b>	<b>9.28%</b>	<b>\$6,383,665</b>	<b>8.50%</b>	<b>\$4,200,500</b>	<b>9.74%</b>	<b>\$6,528,539</b>	<b>9.64%</b>
<b>Owner's Project Manager</b>	<b>Colliers International</b>		<b>Arcadis U.S., Inc.</b>		<b>Skanska USA Building, Inc</b>		<b>Daedalus Projects Inc</b>				<b>Joslin, Lesser + Associates Inc.</b>	
Feasibility Study	\$231,000	1.06%	\$105,000	0.34%	\$151,468	0.43%	\$203,000	0.27%	\$120,000	0.28%	\$236,461	0.35%
Design Development	\$45,000	0.21%	\$80,000	0.26%	\$65,000	0.18%	\$66,700	0.09%	\$25,000	0.06%	\$160,000	0.24%
Construction Contract Documents	\$69,000	0.32%	\$100,950	0.33%	\$75,000	0.21%	\$134,500	0.18%	\$135,000	0.31%	\$370,000	0.55%
Bidding	\$59,000	0.27%	\$30,500	0.10%	\$100,000	0.28%	\$11,200	0.01%	\$5,000	0.01%	\$64,000	0.09%
Construction Contract Administration	\$657,800	3.01%	\$677,500	2.20%	\$842,000	2.37%	\$1,107,300	1.47%	\$612,000	1.42%	\$1,340,000	1.98%
Closeout	\$69,200	0.32%	\$44,650	0.15%	\$34,500	0.10%	\$60,000	0.08%	\$55,000	0.13%	\$180,000	0.27%
Extra Services									\$10,000	0.02%		
Other Project Manager Costs												
Reimbursables & Other Services							\$140,000	0.19%	\$40,000	0.09%		
Cost Estimates	\$45,000	0.21%							\$50,000	0.12%		
<b>Total OPM Fees</b>	<b>\$1,176,000</b>	<b>5.38%</b>	<b>\$1,038,600</b>	<b>3.37%</b>	<b>\$1,267,968</b>	<b>3.57%</b>	<b>\$1,722,700</b>	<b>2.29%</b>	<b>\$1,052,000</b>	<b>2.44%</b>	<b>\$2,350,461</b>	<b>3.47%</b>
<b>Total Designer and OPM Fees</b>	<b>\$3,745,000</b>	<b>17.14%</b>	<b>\$4,033,950</b>	<b>13.11%</b>	<b>\$4,558,500</b>	<b>12.85%</b>	<b>\$8,106,365</b>	<b>10.80%</b>	<b>\$5,252,500</b>	<b>12.18%</b>	<b>\$8,879,000</b>	<b>13.11%</b>
<b>Total Construction Costs</b>	<b>\$21,853,267</b>		<b>\$30,776,990</b>		<b>\$35,474,676</b>		<b>\$75,088,552</b>		<b>\$43,122,257</b>		<b>\$67,725,244</b>	

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

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Date Board Approved	Jun-14		Sep-14		Nov-14		Jan-15		Sep-15		Jul-16	
District	Haverhill		Chelsea		Scituate		Worcester		Beverly		Quincy	
School Name	Caleb Dustin Hunking		Clark Avenue School		Gates Intermediate School		Nelson Place		Briscoe MS		Reay E Sterling MS	
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	1,005		670		710		600		1,395		430	
GSF	147,996		115,232		164,803		111,256		231,509		95,155	
Assumed Start of Construction	May-15		Feb-15		Dec-15		Jul-15		Jun-16		Jun-17	
OPM	Joslin, Lesser + Associates Inc.		Pinck & Co., Inc.		Daedalus Projects Inc		Tishman Construction Corporation of MA		HEERY		PCA 360	
Designer	JCJ Architecture, PC		HMFH Architects, Inc.		Dore & Whittier Architects, Inc.		Lamoureux Pagano & Associates, Inc.		Ai3 Architects LLC		Ai3 Architects LLC	
Cost Estimator	VJ Associates of New England		Project Management & Cost		Project Management & Cost		A M Fogarty & Associates Inc.		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
<b>Designer</b>	<b>JCJ Architecture, PC</b>		<b>HMFH Architects, Inc.</b>		<b>Dore &amp; Whittier Architects, Inc.</b>		<b>Lamoureux Pagano &amp; Associates, Inc.</b>		<b>Ai3 Architects LLC</b>		<b>Ai3 Architects LLC</b>	
<b>Basic Services</b>												
Feasibility Study	\$463,564	0.93%	\$472,720	1.03%	\$600,000	0.97%	\$635,128	1.36%	\$1,100,000	1.22%	\$462,590	0.99%
Design Development	\$1,000,000	2.00%	\$1,001,250	2.17%	\$1,529,978	2.47%	\$1,029,665	2.21%	\$2,405,416	2.67%	\$1,494,140	3.21%
Construction Contract Documents	\$1,500,000	3.00%	\$1,602,000	3.48%	\$2,379,500	3.84%	\$1,912,235	4.11%	\$3,571,890	3.96%	\$1,855,479	3.99%
Bidding	\$150,000	0.30%	\$200,250	0.43%	\$275,097	0.44%	\$80,600	0.17%	\$174,615	0.19%	\$142,984	0.31%
Construction Contract Administration	\$1,150,000	2.30%	\$1,177,470	2.56%	\$1,672,920	2.70%	\$957,125	2.06%	\$1,340,210	1.49%	\$1,048,555	2.25%
Closeout	\$165,000	0.33%	\$24,030	0.05%	\$140,000	0.23%	\$50,375	0.11%	\$128,410	0.14%	\$95,323	0.20%
Other Basic Services							\$65,000	0.14%			\$19,500	0.04%
<b>Subtotal Designer Basic Services</b>	<b>\$4,428,564</b>	<b>8.86%</b>	<b>\$4,477,720</b>	<b>9.72%</b>	<b>\$6,597,495</b>	<b>10.64%</b>	<b>\$4,730,128</b>	<b>10.16%</b>	<b>\$8,720,541</b>	<b>9.68%</b>	<b>\$5,118,571</b>	<b>11.00%</b>
<b>Reimbursable Services</b>												
Construction Testing			\$60,000	0.13%			\$75,000	0.16%				
Printing (Over Minimum)					\$35,000	0.06%	\$10,000	0.02%	\$75,000	0.08%		
Other Reimbursable Costs	\$8,800	0.02%			\$85,000	0.14%	\$120,000	0.26%	\$68,500	0.08%	\$1,500	0.00%
<b>Sub-Consultants</b>												
Hazardous Materials	\$50,000	0.10%	\$99,000	0.22%	\$45,000	0.07%	\$50,000	0.11%	\$140,700	0.16%	\$133,100	0.29%
Geotech & Geotech Environment	\$25,000	0.05%	\$70,400	0.15%	\$85,000	0.14%	\$15,000	0.03%	\$187,500	0.21%	\$37,500	0.08%
Site Survey	\$15,000	0.03%			\$20,000	0.03%	\$72,000	0.15%	\$7,930	0.01%		
Wetlands	\$10,000	0.02%			\$25,000	0.04%	\$9,000	0.02%	\$27,500	0.03%	\$50,500	0.11%
Traffic Studies					\$25,000	0.04%			\$25,500	0.03%		
<b>Total Designer Fees</b>	<b>\$4,537,364</b>	<b>9.07%</b>	<b>\$4,707,120</b>	<b>10.22%</b>	<b>\$6,917,495</b>	<b>11.16%</b>	<b>\$5,081,128</b>	<b>10.92%</b>	<b>\$9,253,171</b>	<b>10.27%</b>	<b>\$5,341,171</b>	<b>11.47%</b>
<b>Owner's Project Manager</b>	<b>Joslin, Lesser + Associates Inc.</b>		<b>Pinck &amp; Co., Inc.</b>		<b>Daedalus Projects Inc</b>		<b>Tishman Construction Corporation of MA</b>		<b>HEERY</b>		<b>PCA 360</b>	
Feasibility Study	\$190,000	0.38%	\$335,020	0.73%	\$150,000	0.24%	\$310,872	0.67%	\$365,000	0.40%	\$225,338	0.48%
Design Development	\$106,500	0.21%	\$55,000	0.12%	\$130,000	0.21%	\$105,000	0.23%	\$123,000	0.14%	\$141,750	0.30%
Construction Contract Documents	\$190,500	0.38%	\$88,000	0.19%	\$104,500	0.17%	\$108,500	0.23%	\$281,000	0.31%	\$160,000	0.34%
Bidding	\$85,000	0.17%	\$22,000	0.05%	\$65,000	0.10%	\$42,500	0.09%	\$135,000	0.15%	\$64,000	0.14%
Construction Contract Administration	\$1,008,000	2.02%	\$1,135,000	2.46%	\$1,426,000	2.30%	\$975,000	2.09%	\$2,302,871	2.56%	\$855,000	1.84%
Closeout	\$80,000	0.16%	\$50,000	0.11%	\$53,000	0.09%	\$210,000	0.45%	\$72,659	0.08%	\$275,000	0.59%
Extra Services							\$85,000	0.18%				
Other Project Manager Costs												
Reimbursables & Other Services			\$40,000	0.09%			\$35,000	0.08%	\$75,000	0.08%		
Cost Estimates					\$61,000	0.10%	\$44,000	0.09%	\$150,000	0.17%		
<b>Total OPM Fees</b>	<b>\$1,660,000</b>	<b>3.32%</b>	<b>\$1,725,020</b>	<b>3.75%</b>	<b>\$1,989,500</b>	<b>3.21%</b>	<b>\$1,915,872</b>	<b>4.12%</b>	<b>\$3,504,530</b>	<b>3.89%</b>	<b>\$1,721,088</b>	<b>3.70%</b>
<b>Total Designer and OPM Fees</b>	<b>\$6,197,364</b>	<b>12.40%</b>	<b>\$6,432,140</b>	<b>13.97%</b>	<b>\$8,906,995</b>	<b>14.37%</b>	<b>\$6,997,000</b>	<b>15.03%</b>	<b>\$12,757,701</b>	<b>14.15%</b>	<b>\$7,062,259</b>	<b>15.17%</b>
<b>Total Construction Costs</b>	<b>\$49,998,830</b>		<b>\$46,046,367</b>		<b>\$61,980,444</b>		<b>\$46,546,300</b>		<b>\$90,129,432</b>		<b>\$46,550,994</b>	

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Date Board Approved	Jun-17		Jun-17		Feb-18		Oct-18		Apr-19		Jun-18	
District	Braintree		Triton		Natick		Framingham		Weymouth		Dennis-Yarmouth	
School Name	East MS		Pine Grove		J F Kennedy MS Sch		Fuller MS		Maria Weston Chapman MS		Mattacheese MS	
Project Type	Core Program		Core Program		Core Program		Core Program		Core Program		Core Program	
Project Scope	Addition / Renovation		Addition / Renovation		New Construction		New Construction		Addition / Renovation		New Construction	
Enrollment	1,180		415		1,000		630		1,470		940	
GSF	184,425		87,674		182,195		136,790		252,170		186,500	
Assumed Start of Construction	Jun-18		Apr-18		Mar-19		Jun-19		Apr-20			
OPM	Hill International Company		Pinck & Co., Inc.		Compass Project Management, Inc.		Symmes Maini & McKee Associates, Inc.		Hill International Company		PMA Consultants, LLC	
Designer	Miller Dyer Spears Inc.		Dore & Whittier Architects, Inc.		Ai3 Architects LLC		Jonathan Levi Architects LLC		HMFH Architects, Inc.		Perkins Eastman/DPC	
Cost Estimator	VJ Associates		Project Management & Cost		Project Management & Cost		A M Fogarty & Associates Inc.		Project Management & Cost		Doucet & Associates	
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
<b>Designer</b>	<b>Miller Dyer Spears Inc.</b>		<b>Dore &amp; Whittier Architects, Inc.</b>		<b>Ai3 Architects LLC</b>		<b>Jonathan Levi Architects LLC</b>				<b>Perkins Eastman/DPC</b>	
<b>Basic Services</b>												
<i>Feasibility Study</i>	\$833,340	1.23%	\$515,690	1.71%	\$563,875	0.64%	\$690,000	0.89%	\$756,255	0.59%	\$534,820	0.57%
<i>Design Development</i>	\$1,290,203	1.90%	\$593,398	1.97%	\$2,405,416	2.75%	\$2,059,998	2.64%	\$3,637,200	2.84%	\$2,200,000	2.35%
<i>Construction Contract Documents</i>	\$2,294,535	3.39%	\$1,186,796	3.93%	\$3,720,949	4.25%	\$2,746,664	3.52%	\$4,943,400	3.86%	\$2,660,000	2.84%
<i>Bidding</i>	\$270,354	0.40%	\$148,350	0.49%	\$273,571	0.31%	\$137,334	0.18%	\$423,720	0.33%	\$710,000	0.76%
<i>Construction Contract Administration</i>	\$1,984,344	2.93%	\$890,097	2.95%	\$1,595,561	1.82%	\$1,833,398	2.35%	\$4,293,696	3.35%	\$3,040,000	3.24%
<i>Closeout</i>	\$78,200	0.12%	\$148,350	0.49%	\$143,295	0.16%	\$89,265	0.11%	\$225,984	0.18%	\$225,000	0.24%
<i>Other Basic Services</i>												
<b>Subtotal Designer Basic Services</b>	<b>\$6,750,976</b>	<b>9.97%</b>	<b>\$3,482,681</b>	<b>11.54%</b>	<b>\$8,702,667</b>	<b>9.94%</b>	<b>\$7,556,659</b>	<b>9.70%</b>	<b>\$14,280,255</b>	<b>11.15%</b>	<b>\$9,369,820</b>	<b>10.00%</b>
<b>Reimbursable Services</b>												
<i>Construction Testing</i>	\$60,000	0.09%			\$36,650	0.04%	\$30,000	0.04%			\$200,000	0.21%
<i>Printing (Over Minimum)</i>	\$17,000	0.03%	\$8,000	0.03%	\$30,000	0.03%	\$20,000	0.03%	\$10,000	0.01%	\$25,000	0.03%
<i>Other Reimbursable Costs</i>			\$15,000	0.05%	\$199,950	0.23%	\$180,000	0.23%	\$25,000	0.02%	\$1,100,000	1.17%
<b>Sub-Consultants</b>												
<i>Hazardous Materials</i>	\$72,500	0.11%	\$83,100	0.28%	\$106,975	0.12%	\$170,984	0.22%	\$220,000	0.17%		
<i>Geotech &amp; Geotech Environment</i>	\$162,000	0.24%	\$35,000	0.12%	\$190,345	0.22%	\$155,925	0.20%	\$400,000	0.31%	\$45,000	0.05%
<i>Site Survey</i>			\$50,000	0.17%	\$49,865	0.06%	\$44,000	0.06%	\$10,000	0.01%	\$35,000	0.04%
<i>Wetlands</i>			\$30,000	0.10%	\$40,000	0.05%	\$44,000	0.06%				
<i>Traffic Studies</i>			\$15,000	0.05%	\$13,200	0.02%	\$38,500	0.05%	\$50,000	0.04%	\$65,000	0.07%
<b>Total Designer Fees</b>	<b>\$7,062,476</b>	<b>10.43%</b>	<b>\$3,718,781</b>	<b>12.32%</b>	<b>\$9,369,652</b>	<b>10.70%</b>	<b>\$8,240,068</b>	<b>10.57%</b>	<b>\$14,995,255</b>	<b>11.71%</b>	<b>\$10,839,820</b>	<b>11.56%</b>
<b>Owner's Project Manager</b>	<b>Hill International Company</b>		<b>Pinck &amp; Co., Inc.</b>		<b>Compass Project Management, Inc.</b>		<b>Symmes Maini &amp; McKee Associates, Inc.</b>		<b>Hill International Company</b>		<b>PMA Consultants, LLC</b>	
<i>Feasibility Study</i>	\$147,400	0.22%	\$284,310	0.94%	\$186,125	0.21%	\$310,000	0.40%	\$256,160	0.20%	\$172,657	0.18%
<i>Design Development</i>	\$155,610	0.23%	\$32,648	0.11%	\$124,000	0.14%	\$175,445	0.23%	\$490,000	0.38%	\$180,000	0.19%
<i>Construction Contract Documents</i>	\$260,705	0.38%	\$81,621	0.27%	\$111,800	0.13%	\$242,886	0.31%	\$525,000	0.41%	\$650,000	0.69%
<i>Bidding</i>	\$68,010	0.10%	\$66,401	0.22%	\$44,720	0.05%	\$115,789	0.15%	\$55,000	0.04%		
<i>Construction Contract Administration</i>	\$1,462,808	2.16%	\$890,356	2.95%	\$2,498,671	2.85%	\$1,727,876	2.22%	\$2,800,000	2.19%	\$2,014,000	2.15%
<i>Closeout</i>	\$238,346	0.35%	\$55,121	0.18%	\$67,173	0.08%	\$95,905	0.12%	\$350,000	0.27%	\$281,000	0.30%
<i>Extra Services</i>							40000	0.000513245	\$100,000	0.08%	\$503,137	0.54%
<i>Other Project Manager Costs</i>												
<i>Reimbursables &amp; Other Services</i>	\$8,764	0.01%	\$20,000	0.07%	\$5,000	0.01%	\$40,000	0.05%			\$500,000	0.53%
<i>Cost Estimates</i>	\$24,000	0.04%			\$66,000	0.08%	\$80,000	0.10%	\$24,000	0.02%	\$62,150	0.07%
<b>Total OPM Fees</b>	<b>\$2,365,643</b>	<b>3.49%</b>	<b>\$1,430,457</b>	<b>4.74%</b>	<b>\$3,103,489</b>	<b>3.54%</b>	<b>\$2,827,901</b>	<b>3.63%</b>	<b>\$4,600,160</b>	<b>3.59%</b>	<b>\$4,362,944</b>	<b>4.65%</b>
<b>Total Designer and OPM Fees</b>	<b>\$9,428,119</b>	<b>13.92%</b>	<b>\$5,149,238</b>	<b>17.06%</b>	<b>\$12,473,141</b>	<b>14.25%</b>	<b>\$11,067,969</b>	<b>14.20%</b>	<b>\$19,595,415</b>	<b>15.30%</b>	<b>\$15,202,764</b>	<b>16.22%</b>
<b>Total Construction Costs</b>	<b>\$67,736,699</b>		<b>\$30,191,749</b>		<b>\$87,559,890</b>		<b>\$77,935,429</b>		<b>\$128,105,641</b>		<b>\$93,744,492</b>	

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

**Middle Schools**

Information as of:  
**October 2020**  
**Board Meeting**

The information and data contained in this spreadsheet is based on the MSBA's review of contracts and other documentation provided by cities, towns, and regional school districts, may include a preliminary review of scope exclusions and is intended for informational purposes only. The data may have changed based on actual construction bids or contract amendments, for example, and the MSBA shall have no responsibility or duty to update any of the information contained therein. Please contact the Districts for exact information. The MSBA hereby disclaims any and all liability and responsibility that may arise in connection with the information contained in this spreadsheet. 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	Oct-19		Apr-19			
District	Acton-Boxborough		Millbury		<b>ALL - ALL MIDDLE SCHOOLS</b>	
School Name	C.T. Douglas ES		Raymond E. Shaw ES			
Project Type	Core Program		Core Program			
Project Scope	New Construction		New Construction			
Enrollment	990		550			
GSF	174,759		90,266			
Assumed Start of Construction			Jan-21			
OPM	Skanska USA Building, Inc		Hill International Company			
Designer	Arrowstreet Inc.		Turowski2 Architecture, Inc.			
Cost Estimator	Project Management & Cost		Project Management & Cost			
Description	Cost	% of Total Construction	Cost	% of Total Construction	Cost	% of Total Construction
<b>Designer</b>	<b>Arrowstreet Inc.</b>		<b>Turowski2 Architecture, Inc.</b>			
<b>Basic Services</b>						
<i>Feasibility Study</i>	\$950,000	1.00%	\$377,710	0.77%	\$12,100,113	0.97%
<i>Design Development</i>	\$2,400,000	2.52%	\$1,134,849	2.30%	\$28,931,608	2.32%
<i>Construction Contract Documents</i>	\$3,983,000	4.18%	\$2,041,960	4.14%	\$45,132,783	3.62%
<i>Bidding</i>	\$280,000	0.29%	\$184,946	0.38%	\$4,486,086	0.36%
<i>Construction Contract Administration</i>	\$1,900,000	1.99%	\$1,134,608	2.30%	\$29,828,189	2.40%
<i>Closeout</i>	\$87,583	0.09%	\$120,308	0.24%	\$2,387,683	0.19%
<i>Other Basic Services</i>					\$382,500	0.03%
<b>Subtotal Designer Basic Services</b>	<b>\$9,600,583</b>	<b>10.08%</b>	<b>\$4,994,381</b>	<b>10.14%</b>	<b>\$123,248,962</b>	<b>9.90%</b>
<b>Reimbursable Services</b>						
<i>Construction Testing</i>			\$120,000	0.24%	\$705,650	0.06%
<i>Printing (Over Minimum)</i>	\$10,000	0.01%	\$10,000	0.02%	\$455,000	0.04%
<i>Other Reimbursable Costs</i>	\$70,000	0.07%	\$153,600	0.31%	\$2,202,350	0.18%
<b>Sub-Consultants</b>						
<i>Hazardous Materials</i>	\$50,000	0.05%	\$57,076	0.12%	\$1,648,435	0.13%
<i>Geotech &amp; Geotech Environment</i>	\$100,000	0.10%	\$40,975	0.08%	\$1,959,645	0.16%
<i>Site Survey</i>			\$15,000	0.03%	\$448,960	0.04%
<i>Wetlands</i>					\$277,500	0.02%
<i>Traffic Studies</i>			\$6,000	0.01%	\$312,200	0.03%
<b>Total Designer Fees</b>	<b>\$9,830,583</b>	<b>10.32%</b>	<b>\$5,397,032</b>	<b>10.95%</b>	<b>\$131,258,702</b>	<b>10.54%</b>
<b>Owner's Project Manager</b>	<b>Skanska USA Building, Inc</b>		<b>Hill International Company</b>			
<i>Feasibility Study</i>	\$350,000	0.37%	\$172,290	0.35%	\$4,502,101	0.36%
<i>Design Development</i>	\$180,757	0.19%	\$130,350	0.26%	\$2,571,760	0.21%
<i>Construction Contract Documents</i>	\$301,262	0.32%	\$282,180	0.57%	\$4,272,404	0.34%
<i>Bidding</i>	\$150,631	0.16%	\$40,720	0.08%	\$1,224,471	0.10%
<i>Construction Contract Administration</i>	\$2,259,464	2.37%	\$983,773	2.00%	\$27,575,419	2.21%
<i>Closeout</i>	\$120,505	0.13%	\$83,500	0.17%	\$2,475,559	0.20%
<i>Extra Services</i>					\$738,137	0.06%
<i>Other Project Manager Costs</i>						
<i>Reimbursables &amp; Other Services</i>					\$903,764	0.07%
<i>Cost Estimates</i>			\$40,000	0.08%	\$646,150	0.05%
<b>Total OPM Fees</b>	<b>\$3,362,619</b>	<b>3.53%</b>	<b>\$1,732,813</b>	<b>3.52%</b>	<b>\$44,909,765</b>	<b>3.61%</b>
<b>Total Designer and OPM Fees</b>	<b>\$13,193,202</b>	<b>13.85%</b>	<b>\$7,129,845</b>	<b>14.47%</b>	<b>\$176,168,467</b>	<b>14.15%</b>
<b>Total Construction Costs</b>	<b>\$95,255,831</b>		<b>\$49,269,791</b>		<b>\$1,245,092,875</b>	