

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

**High Schools**

Information as of:  
**October 2021**  
**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	Sep-12		Mar-13		Jul-13		Sep-13		Mar-14		Jun-14		Jul-14		Jun-15		Jan-16	
District	Greater Lowell Voc Tec		Winchester		North Middlesex		Winthrop		Georgetown		Lunenburg		Plymouth		Pittsfield		Minuteman Voc Tech	
School Name	Gr Lowell Reg Voc Tech		Winchester HS		North MSsex Reg		Winthrop Sr HS		Georgetown HS		Lunenburg HS		Plymouth South HS		Taconic HS		Minuteman Regional HS	
Project Type	Core Program		Core Program		Core Program		Core Program		Core Program		Core Program		Core Program		Core Program		Core Program	
Project Scope	Addition / Renovation		Addition / Renovation		New Construction		New Construction		Renovation		New Construction		New Construction		New Construction		New Construction	
Enrollment	1,990		1,370		870		970		720		820		1,005		920		628	
GSF	505,766		288,840		180,530		187,917		128,670		169,018		248,081		246,520		258,332	
Assumed Start of Construction	Apr-14		Jun-14		May-15		Jul-14		Apr-15		May-14		Jul-15		Jan-16		Aug-17	
OPM	Joslin, Lesser + Associates Inc.		Skanska USA Building, Inc		HEERY		Skanska USA Building, Inc		Municipal Building Consultants, Inc.		NV5 (fka Joslin, Lesser + Associates Inc.)		Ted Gentry Associates, Inc		Skanska USA Building, Inc		Skanska USA Building, Inc	
Designer	Knight, Bagge & Anderson, Inc.		Symmes Maini & McKee Associates, Inc.		Symmes Maini & McKee Associates, Inc.		HMFH Architects, Inc.		Drumme Rosane Anderson, Inc.		Tappe Associates, Inc.		A3 Architects LLC		Drumme Rosane Anderson, Inc.		Kaestle Boos Associates, Inc.	
Cost Estimator	Atlantic Construction and Management, Inc.		A M Fogarty & Associates Inc.		Project Management & Cost		Project Management & Cost		Rider Levett Bucknall		Project Management & Cost		Project Management & Cost		Rider Levett Bucknall		Coast and Harbor 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	Cost	% of Total Construction
Designer	Knight, Bagge & Anderson, Inc.		Symmes Maini & McKee Associates, Inc.		Symmes Maini & McKee Associates, Inc.		HMFH Architects, Inc.		Drumme Rosane Anderson, Inc.		Tappe Associates, Inc.		A3 Architects LLC		Drumme Rosane Anderson, Inc.		Kaestle Boos Associates, Inc.	
<b>Basic Services</b>																		
Feasibility Study	\$678,305	1.28%	\$1,050,000	1.04%	\$695,000	1.01%	\$586,000	0.92%	\$53,030	0.90%	\$446,057	0.75%	\$1,320,000	1.58%	\$948,748	0.97%	\$473,800	0.40%
Design Development	\$1,263,583	2.38%	\$1,685,000	1.67%	\$1,260,000	1.83%	\$1,633,500	2.57%	\$187,500	3.20%	\$689,250	1.16%	\$1,023,243	1.22%	\$2,554,399	2.61%	\$3,118,260	2.62%
Construction Contract Documents	\$1,886,220	3.55%	\$3,458,700	3.43%	\$2,650,000	3.85%	\$2,420,000	3.81%	\$250,000	4.27%	\$1,608,250	2.70%	\$3,605,216	4.30%	\$3,812,677	3.90%	\$3,637,970	3.05%
Bidding	\$242,514	0.46%	\$465,000	0.46%	\$316,000	0.46%	\$151,250	0.24%	\$31,250	0.53%	\$229,750	0.39%	\$122,824	0.15%	\$189,215	0.19%	\$500,037	0.42%
Construction Contract Administration	\$1,239,516	2.33%	\$3,420,000	3.39%	\$2,023,000	2.94%	\$1,293,188	2.04%	\$148,400	2.53%	\$1,608,250	2.70%	\$910,331	1.09%	\$2,318,520	2.37%	\$2,338,695	1.96%
Closeout	\$134,730	0.25%	\$113,500	0.11%	\$63,000	0.09%	\$68,063	0.11%	\$7,850	0.13%	\$459,500	0.77%	\$44,705	0.05%	\$115,926	0.12%	\$500,038	0.42%
Other Basic Services			\$150,000	0.15%	\$385,000	0.56%							\$316,230	0.38%				
<b>Subtotal Designer Basic Services</b>	<b>\$5,444,868</b>	<b>10.24%</b>	<b>\$10,342,200</b>	<b>10.25%</b>	<b>\$7,392,000</b>	<b>10.74%</b>	<b>\$6,152,001</b>	<b>9.68%</b>	<b>\$678,030</b>	<b>11.57%</b>	<b>\$5,041,057</b>	<b>8.46%</b>	<b>\$7,342,549</b>	<b>8.77%</b>	<b>\$9,939,485</b>	<b>10.17%</b>	<b>\$10,568,800</b>	<b>8.87%</b>
<b>Reimbursable Services</b>																		
Construction Testing							\$214,500	0.34%							\$20,000	0.02%		
Printing (Over Minimum)	\$75,000	0.14%	\$50,000	0.05%	\$76,000	0.11%	\$25,000	0.04%	\$25,000	0.43%			\$100,000	0.12%	\$60,000	0.06%	\$75,000	0.06%
Other Reimbursable Costs	\$50,000	0.09%	\$41,300	0.04%					\$15,000	0.26%	\$15,000	0.03%	\$50,000	0.06%	\$20,000	0.02%	\$220,000	0.18%
<b>Sub-Consultants</b>																		
Hazardous Materials	\$90,035	0.17%	\$235,000	0.23%	\$210,000	0.31%	\$41,200	0.06%	\$20,000	0.34%	\$150,000	0.25%	\$95,000	0.11%	\$116,500	0.12%	\$380,000	0.32%
Geotech & Geotech Environment	\$10,000	0.02%	\$170,000	0.17%	\$140,000	0.20%	\$66,000	0.10%	\$15,000	0.26%	\$175,000	0.29%	\$100,000	0.12%	\$30,000	0.03%	\$95,000	0.08%
Site Survey	\$13,700	0.03%	\$5,000	0.00%	\$10,000	0.01%	\$1,000	0.00%	\$25,000	0.43%	\$30,000	0.05%			\$15,000	0.02%	\$20,000	0.02%
Wetlands			\$5,000	0.00%	\$10,000	0.01%	\$3,000	0.00%	\$3,000	0.05%	\$10,000	0.02%			\$20,000	0.02%	\$20,000	0.02%
Traffic Studies					\$55,000	0.08%					\$10,000	0.02%	\$18,500	0.02%	\$10,000	0.01%	\$15,000	0.01%
<b>Total Designer Fees</b>	<b>\$5,683,603</b>	<b>10.69%</b>	<b>\$10,848,500</b>	<b>10.75%</b>	<b>\$7,893,000</b>	<b>11.47%</b>	<b>\$6,502,701</b>	<b>10.23%</b>	<b>\$781,030</b>	<b>13.33%</b>	<b>\$5,431,057</b>	<b>9.12%</b>	<b>\$7,706,049</b>	<b>9.20%</b>	<b>\$10,230,985</b>	<b>10.47%</b>	<b>\$11,393,800</b>	<b>9.56%</b>
<b>Owner's Project Manager</b>	Joslin, Lesser + Associates Inc.		Skanska USA Building, Inc		HEERY		Skanska USA Building, Inc		Municipal Building Consultants, Inc.		NV5 (fka Joslin, Lesser + Associates Inc.)		Ted Gentry Associates, Inc		Skanska USA Building, Inc		Skanska USA Building, Inc	
Feasibility Study	\$146,695	0.28%	\$250,000	0.25%	\$245,000	0.36%	\$314,000	0.49%	\$31,970	0.55%	\$173,000	0.29%	\$480,000	0.57%	\$551,252	0.56%	\$250,200	0.21%
Design Development	\$105,000	0.20%	\$170,000	0.17%	\$127,500	0.19%	\$290,000	0.46%	\$129,000	0.22%	\$129,000	0.22%	\$200,000	0.24%	\$200,000	0.20%	\$288,255	0.24%
Construction Contract Documents	\$225,000	0.42%	\$190,000	0.19%	\$285,000	0.41%	\$265,000	0.42%	\$54,300	0.93%	\$195,000	0.33%	\$366,489	0.44%	\$250,000	0.26%	\$528,468	0.44%
Bidding	\$50,000	0.09%	\$115,000	0.11%			\$150,000	0.24%	\$14,480	0.25%	\$100,000	0.17%	\$84,170	0.10%	\$150,000	0.15%	\$180,961	0.15%
Construction Contract Administration	\$1,245,000	2.34%	\$2,706,000	2.68%	\$3,162,748	4.60%	\$1,250,000	1.97%	\$213,940	3.65%	\$1,365,000	2.29%	\$1,954,454	2.33%	\$2,236,118	2.29%	\$2,831,788	2.38%
Closeout	\$50,000	0.09%	\$161,500	0.16%			\$75,000	0.12%	\$32,640	0.56%	\$65,000	0.11%	\$84,170	0.10%	\$75,000	0.08%	\$92,261	0.08%
Extra Services			\$50,000	0.05%	\$144,112	0.21%												
Other Project Manager Costs																		
Reimbursables & Other Services	\$46,000	0.09%			\$20,000	0.03%											\$1,250	0.00%
Cost Estimates	\$60,000	0.11%			\$112,500	0.16%	\$125,000	0.20%	\$18,000	0.31%			\$61,050	0.07%	\$75,000	0.08%		
<b>Total OPM Fees</b>	<b>\$1,927,695</b>	<b>3.63%</b>	<b>\$3,642,500</b>	<b>3.61%</b>	<b>\$4,096,860</b>	<b>5.95%</b>	<b>\$2,469,000</b>	<b>3.89%</b>	<b>\$365,330</b>	<b>6.23%</b>	<b>\$2,027,000</b>	<b>3.40%</b>	<b>\$3,030,333</b>	<b>3.62%</b>	<b>\$3,537,370</b>	<b>3.62%</b>	<b>\$4,173,183</b>	<b>3.50%</b>
<b>Total Designer and OPM Fees</b>	<b>\$7,611,298</b>	<b>14.32%</b>	<b>\$14,491,000</b>	<b>14.36%</b>	<b>\$11,989,860</b>	<b>17.42%</b>	<b>\$8,971,701</b>	<b>14.12%</b>	<b>\$1,146,360</b>	<b>19.56%</b>	<b>\$7,458,057</b>	<b>12.52%</b>	<b>\$10,736,382</b>	<b>12.82%</b>	<b>\$13,768,355</b>	<b>14.08%</b>	<b>\$15,566,983</b>	<b>13.06%</b>
<b>Total Construction Costs</b>	<b>\$53,165,631</b>		<b>\$100,935,610</b>		<b>\$68,829,726</b>		<b>\$63,542,179</b>		<b>\$5,861,090</b>		<b>\$59,570,728</b>		<b>\$83,765,059</b>		<b>\$97,757,373</b>		<b>\$119,200,892</b>	

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Date Board Approved	Jan-16		May-16		Feb-17		Jun-17		Aug-17		Oct-17		Dec-17		Aug-17		Feb-18	
District	Billerica		Stoughton		Somerville		Saugus		Blue Hills Voc		Middleborough		Boston		Cape Cod Region Voc Tech		Attleboro	
School Name	Billerica Memorial HS		Stoughton HS		Somerville HS		Saugus HS		Blue Hills Reg Voc Tech		Middleborough HS		Boston Arts Academy		Cape Cod Region Voc Tech		Attleboro HS	
Project Type	Core Program		Core Program		Core Program		Core Program		Core Program		Core Program		Core Program		Core Program		Core Program	
Project Scope	New Construction		New Construction		Addition / Renovation		New Construction		Addition / Renovation		New Construction		New Construction		New Construction		New Construction	
Enrollment	1,610		1,065		1,590		1,360		900		720		500		650		1,725	
GSF	325,191		214,860		369,496		269,070		292,400		166,650		153,476		220,880		476,425	
Assumed Start of Construction	17-Feb		Aug-17		Apr-18		May-18		May-18		Dec-17		Sep-18		Dec-18		May-19	
OPM	Leftfield, LLC		Compass Project Management, Inc.		PMA Construction Services		PMA Construction Services		Dore & Whittier Management Partners, Inc.		Compass Project Management, Inc.		PMA Construction Services		Colliers International		Skanska USA Building, Inc	
Designer	Perkins+Will		Drumme Rosane Anderson, Inc.		Symmes Maini & McKee Associates, Inc.		HMFH Architects, Inc.		Drumme Rosane Anderson, Inc.		Drumme Rosane Anderson, Inc.		Perkins Eastman/DPC		Drumme Rosane Anderson, Inc.		Kaestle Boos Associates, Inc.	
Cost Estimator	Project Management & Cost		Rider Levett Bucknall		VJ Associates of New England		Project Management & Cost		Ellana, Inc.		Miyakoda Consulting		Project Management & Cost		Rider Levett Bucknall		Miyakoda Consulting	
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	Cost	% of Total Construction
<b>Designer</b>	Perkins+Will		Drumme Rosane Anderson, Inc.		Symmes Maini & McKee Associates, Inc.		HMFH Architects, Inc.		Drumme Rosane Anderson, Inc.		Drumme Rosane Anderson, Inc.		Perkins Eastman/DPC		Drumme Rosane Anderson, Inc.		Kaestle Boos Associates, Inc.	
<b>Basic Services</b>																		
Feasibility Study	\$1,500,000	1.07%	\$705,000	0.73%	\$1,200,000	0.60%	\$1,228,720	0.96%	\$625,000	0.89%	\$900,000	1.09%	\$1,135,856	1.18%	\$749,569	0.72%	\$725,000	0.32%
Design Development	\$2,924,040	2.08%	\$2,323,220	2.39%	\$3,985,000	2.00%	\$2,929,526	2.29%	\$1,620,000	2.30%	\$2,165,000	2.62%	\$2,115,456	2.20%	\$2,605,595	2.50%	\$4,987,000	2.24%
Construction Contract Documents	\$4,867,070	3.46%	\$3,707,395	3.81%	\$7,970,000	4.00%	\$4,724,358	3.70%	\$2,590,000	3.67%	\$3,273,000	3.95%	\$2,961,639	3.09%	\$4,301,200	4.13%	\$6,712,000	3.01%
Bidding	\$1,169,616	0.83%	\$458,644	0.47%	\$770,000	0.39%	\$383,056	0.30%	\$325,000	0.46%	\$163,600	0.20%	\$676,946	0.71%	\$537,650	0.52%	\$374,000	0.17%
Construction Contract Administration	\$3,405,050	2.42%	\$2,493,217	2.56%	\$4,984,171	2.50%	\$3,639,033	2.85%	\$1,890,531	2.68%	\$1,943,300	2.35%	\$2,538,547	2.64%	\$2,136,535	2.05%		2.13%
Closeout	\$418,934	0.30%	\$458,644	0.47%	\$996,000	0.50%	\$63,843	0.05%	\$100,455	0.14%	\$102,300	0.12%	\$169,236	0.18%	\$115,000	0.11%	\$374,000	0.17%
Other Basic Services																	\$748,000	0.34%
<b>Subtotal Designer Basic Services</b>	<b>\$14,284,710</b>	<b>10.15%</b>	<b>\$10,146,120</b>	<b>10.44%</b>	<b>\$19,905,171</b>	<b>10.00%</b>	<b>\$12,968,536</b>	<b>10.16%</b>	<b>\$7,150,986</b>	<b>10.14%</b>	<b>\$8,547,200</b>	<b>10.33%</b>	<b>\$9,597,680</b>	<b>10.00%</b>	<b>\$10,445,549</b>	<b>10.02%</b>	<b>\$18,673,000</b>	<b>8.37%</b>
<b>Reimbursable Services</b>																		
Construction Testing			\$25,000	0.03%							\$25,000	0.03%	\$445,067	0.46%				
Printing (Over Minimum)	\$25,000	0.02%	\$30,000	0.03%	\$200,000	0.10%	\$15,000	0.01%	\$15,000	0.02%	\$30,000	0.04%	\$10,000	0.01%	\$50,000	0.05%		
Other Reimbursable Costs	\$200,000	0.14%	\$100,000	0.10%	\$1,050,000	0.53%	\$150,000	0.12%			\$200,000	0.24%	\$310,546	0.32%	\$150,000	0.14%	\$325,000	0.15%
<b>Sub-Consultants</b>																		
Hazardous Materials	\$383,000	0.27%	\$100,000	0.10%	\$500,000	0.25%	\$400,000	0.31%	\$180,000	0.26%	\$185,000	0.22%	\$500,000	0.52%	\$300,000	0.29%	\$450,000	0.20%
Geotech & Geotech Environment	\$150,000	0.11%	\$150,000	0.15%	\$750,000	0.38%	\$100,000	0.08%	\$20,000	0.03%	\$145,000	0.18%	\$500,000	0.52%	\$90,000	0.09%	\$225,000	0.10%
Site Survey					\$200,000	0.10%							\$60,000	0.06%	\$15,000	0.01%	\$225,000	0.10%
Wetlands	\$38,000	0.03%					\$50,000	0.04%					\$100,000	0.10%			\$95,000	0.04%
Traffic Studies	\$5,000	0.00%			\$200,000	0.10%	\$25,000	0.02%			\$70,000	0.08%	\$200,000	0.21%			\$85,000	0.04%
<b>Total Designer Fees</b>	<b>\$15,085,710</b>	<b>10.72%</b>	<b>\$10,551,120</b>	<b>10.85%</b>	<b>\$22,805,171</b>	<b>11.46%</b>	<b>\$13,708,536</b>	<b>10.74%</b>	<b>\$7,365,986</b>	<b>10.45%</b>	<b>\$9,202,200</b>	<b>11.12%</b>	<b>\$11,723,293</b>	<b>12.21%</b>	<b>\$11,050,549</b>	<b>10.60%</b>	<b>\$20,078,000</b>	<b>9.00%</b>
<b>Owner's Project Manager</b>	Leftfield, LLC		Compass Project Management, Inc.		PMA Construction Services		PMA Construction Services		Dore & Whittier Management Partners, Inc.		Compass Project Management, Inc.		PMA Construction Services		Colliers International		Skanska USA Building, Inc	
Feasibility Study	\$500,000	0.36%	\$295,000	0.30%	\$740,000	0.37%	\$621,280	0.49%	\$401,277	0.57%	\$375,000	0.45%	\$564,144	0.59%	\$250,431	0.24%	\$475,000	0.21%
Design Development	\$250,000	0.18%	\$170,000	0.17%	\$284,884	0.14%	\$200,751	0.16%	\$131,000	0.19%	\$83,592	0.10%	\$297,544	0.31%	\$171,585	0.16%	\$738,600	0.33%
Construction Contract Documents	\$250,000	0.18%	\$330,000	0.34%	\$654,709	0.33%	\$401,503	0.31%	\$108,000	0.15%	\$205,024	0.25%	\$362,835	0.38%	\$257,378	0.25%	\$1,542,000	0.69%
Bidding	\$100,000	0.07%	\$50,000	0.05%					\$168,000	0.24%	\$51,256	0.06%	\$232,807	0.24%	\$257,614	0.25%	\$397,735	0.18%
Construction Contract Administration	\$3,700,000	2.63%	\$2,498,642	2.57%	\$5,333,326	2.68%	\$3,212,021	2.52%	\$1,607,648	2.28%	\$2,136,908	2.58%	\$1,813,717	1.89%	\$2,573,775	2.47%	\$4,255,000	1.91%
Closeout	\$204,648	0.15%	\$225,000	0.23%	\$264,037	0.13%	\$200,751	0.16%	\$140,000	0.20%	\$65,483	0.08%	\$152,175	0.16%	\$171,549	0.16%	\$302,650	0.14%
Extra Services					\$1,000,000	0.50%	\$200,000	0.16%			\$81,856	0.10%	\$100,000	0.10%				
Other Project Manager Costs																		
Reimbursables & Other Services			\$11,000	0.01%	\$1,500,000	0.75%	\$350,000	0.27%			\$5,000	0.01%	\$300,000	0.31%				
Cost Estimates			\$50,000	0.05%	\$320,000	0.16%	\$100,000	0.08%			\$55,000	0.07%	\$90,900	0.09%	\$55,500	0.05%		
<b>Total OPM Fees</b>	<b>\$5,004,648</b>	<b>3.56%</b>	<b>\$3,629,642</b>	<b>3.73%</b>	<b>\$10,096,956</b>	<b>5.07%</b>	<b>\$5,286,306</b>	<b>4.14%</b>	<b>\$2,555,925</b>	<b>3.62%</b>	<b>\$3,059,119</b>	<b>3.70%</b>	<b>\$3,914,122</b>	<b>4.08%</b>	<b>\$3,737,832</b>	<b>3.59%</b>	<b>\$7,710,985</b>	<b>3.46%</b>
<b>Total Designer and OPM Fees</b>	<b>\$20,090,358</b>	<b>14.27%</b>	<b>\$14,180,762</b>	<b>14.58%</b>	<b>\$32,902,127</b>	<b>16.53%</b>	<b>\$18,994,842</b>	<b>14.88%</b>	<b>\$9,921,911</b>	<b>14.07%</b>	<b>\$12,261,319</b>	<b>14.81%</b>	<b>\$15,637,415</b>	<b>16.29%</b>	<b>\$14,788,381</b>	<b>14.19%</b>	<b>\$27,788,985</b>	<b>12.46%</b>
<b>Total Construction Costs</b>	<b>\$140,773,848</b>		<b>\$97,228,730</b>		<b>\$199,051,710</b>		<b>\$127,685,356</b>		<b>\$70,509,857</b>		<b>\$82,769,898</b>		<b>\$95,976,807</b>		<b>\$104,223,800</b>		<b>\$223,088,312</b>	

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

**High Schools**

Information as of:  
**October 2021**  
**Board Meeting**

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Date Board Approved	Feb-18		Feb-18		Aug-18		Jun-18		Apr-19		Apr-19		Apr-19		Oct-19		Apr-19	
District	Worcester		Fall River		Belmont		Bristol County Agr		Central Berkshire		Pentucket		Arlington		Sharon		Lowell	
School Name	South HS Community		B M C Durfee HS		Belmont HS		Bristol County Agr HS		Wahconah Regional HS		Pentucket Reg Sr HS		Arlington HS		Sharon HS		Lowell HS	
Project Type	Core Program		Core Program		Core Program		Core Program		Core Program		Core Program		Core Program		Core Program		Core Program	
Project Scope	New Construction		Addition / Renovation		Addition / Renovation		Addition / Renovation		New Construction		New Construction		New Construction		New Construction		Addition / Renovation	
Enrollment	1,420		2,570		2,215		640		460		965		1,755		1,250		3,520	
GSF	359,994		501,330		455,100		196,151		122,760		211,700		408,590		240,874		622,777	
Assumed Start of Construction	Oct-18		Sep-18		Apr-19		Aug-19		Mar-20		Jul-20		Apr-20		Dec-20		Oct-20	
OPM	CBRE/HEERY		Leftfield, LLC		Daedalus Projects Inc		Colliers International		Skanska USA Building, Inc		Vertex Construction Services		Skanska USA Building, Inc		PMA Consultants, LLC		Skanska USA Building, Inc	
Designer	Lamoureux Pagano & Associates, Inc.		A13 Architects LLC		Perkins+Will		HMFH Architects, Inc.		Drummeay Rosane Anderson, Inc.		Dore & Whittier Architects, Inc.		HMFH Architects, Inc.		Tappe Architects, Inc.		Perkins Eastman/DPC	
Cost Estimator	A M Fogarty & Associates Inc.		PM&C		Project Management & Cost		Project Management & Cost		Eilana, Inc.		Project Management & Cost		Project Management & Cost		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	Cost	% of Total Construction
Designer	Lamoureux Pagano & Associates, Inc.		A13 Architects LLC		Perkins+Will		HMFH Architects, Inc.						HMFH Architects, Inc.		Tappe Architects, Inc.		Perkins Eastman/DPC	
<b>Basic Services</b>																		
Feasibility Study	\$1,345,794	0.78%	\$669,500	0.31%	\$1,196,000	0.51%	\$550,000	0.66%	\$590,000	0.99%	\$750,000	0.63%	\$1,500,000	0.64%	\$1,280,320	1.02%	\$2,021,284	0.75%
Design Development	\$3,567,240	2.06%	\$6,008,720	2.76%	\$4,390,000	1.86%	\$2,024,800	2.41%	\$1,507,000	2.53%	\$3,692,175	3.11%	\$4,224,185	1.80%	\$2,300,000	1.83%	\$6,256,000	2.31%
Construction Contract Documents	\$5,284,800	3.06%	\$9,295,101	4.27%	\$7,902,000	3.34%	\$3,366,400	4.01%	\$2,249,000	3.77%	\$3,320,670	2.80%	\$6,766,312	2.88%	\$3,450,000	2.74%	\$8,758,400	3.24%
Bidding	\$396,360	0.23%	\$683,379	0.31%	\$1,756,000	0.74%	\$252,400	0.30%	\$112,000	0.19%	\$592,977	0.50%	\$422,419	0.18%	\$575,000	0.46%	\$1,751,680	0.65%
Construction Contract Administration	\$3,303,000	1.91%	\$3,985,705	1.83%	\$6,093,500	2.57%	\$2,104,000	2.51%	\$1,332,000	2.24%	\$3,557,861	3.00%	\$9,293,210	3.95%	\$4,025,000	3.20%	\$7,507,200	2.78%
Closeout	\$660,600	0.38%	\$357,950	0.16%	\$658,500	0.28%	\$170,400	0.20%	\$66,000	0.11%	\$437,052	0.37%	\$372,521	0.16%	\$1,150,000	0.91%	\$750,720	0.28%
Other Basic Services			\$75,000	0.03%													\$221,782	0.08%
<b>Subtotal Designer Basic Services</b>	<b>\$14,557,794</b>	<b>8.42%</b>	<b>\$21,075,355</b>	<b>9.67%</b>	<b>\$21,996,000</b>	<b>9.29%</b>	<b>\$8,468,000</b>	<b>10.09%</b>	<b>\$5,856,000</b>	<b>9.83%</b>	<b>\$12,350,735</b>	<b>10.42%</b>	<b>\$22,578,647</b>	<b>9.60%</b>	<b>\$12,780,320</b>	<b>10.16%</b>	<b>\$27,267,066</b>	<b>10.08%</b>
<b>Reimbursable Services</b>																		
Construction Testing							50000	0.000595565	\$50,000	0.08%								
Printing (Over Minimum)	\$50,000	0.03%	\$200,000	0.09%	\$60,000	0.03%	\$10,000	0.01%	\$10,000	0.02%	\$30,000	0.03%	\$50,000	0.02%	\$15,000	0.01%	\$75,000	0.03%
Other Reimbursable Costs			\$150,000	0.07%			10000	0.000119113	\$70,000	0.12%	555210	0.004683702	\$375,000	0.16%	\$150,000	0.12%	\$390,000	0.14%
<b>Sub-Consultants</b>																		
Hazardous Materials	\$300,000	0.17%	\$350,000	0.16%	\$275,000	0.12%	\$75,000	0.09%	\$20,000	0.03%	\$221,000	0.19%	\$525,000	0.22%	\$250,000	0.20%	\$409,750	0.15%
Geotech & Geotech Environment	\$100,000	0.06%	\$150,000	0.07%	\$400,000	0.17%	\$100,000	0.12%	\$84,000	0.14%	\$165,000	0.14%	\$1,250,000	0.53%	\$225,000	0.18%	\$379,090	0.14%
Site Survey	\$50,000	0.03%	\$45,000	0.02%			30000	0.000357339	\$10,000	0.02%	15000	0.000126539	\$100,000	0.04%	\$50,000	0.04%	\$20,450	0.01%
Wetlands	\$50,000	0.03%	\$100,000	0.05%			30000	0.000357339	\$10,000	0.02%	15000	0.000126539	\$10,000	0.00%	\$125,000	0.10%	\$35,000	0.01%
Traffic Studies	\$50,000	0.03%	\$25,000	0.01%			30000	0.000357339	\$10,000	0.02%			\$75,000	0.03%	\$25,000	0.02%	\$80,000	0.03%
<b>Total Designer Fees</b>	<b>\$15,157,794</b>	<b>8.77%</b>	<b>\$22,095,355</b>	<b>10.14%</b>	<b>\$22,731,000</b>	<b>9.61%</b>	<b>\$8,803,000</b>	<b>10.49%</b>	<b>\$6,120,000</b>	<b>10.27%</b>	<b>\$13,351,945</b>	<b>11.26%</b>	<b>\$24,963,647</b>	<b>10.61%</b>	<b>\$13,620,320</b>	<b>10.83%</b>	<b>\$28,656,356</b>	<b>10.60%</b>
<b>Owner's Project Manager</b>																		
Feasibility Study	\$347,802	0.20%	\$380,500	0.17%	\$554,000	0.23%	\$249,930	0.30%	\$260,000	0.44%	\$300,000	0.25%	\$500,000	0.21%	\$460,000	0.37%	\$578,716	0.21%
Design Development	\$800,000	0.46%	\$570,000	0.26%	\$315,000	0.13%	\$208,200	0.25%	\$130,000	0.22%	\$200,466	0.17%	\$738,194	0.31%	\$295,000	0.23%	\$729,750	0.27%
Construction Contract Documents	\$1,000,000	0.58%	\$815,000	0.37%	\$345,000	0.15%	\$250,000	0.30%	\$260,000	0.44%	\$357,751	0.30%	\$1,564,643	0.66%	\$675,000	0.54%	\$1,244,505	0.46%
Bidding			\$305,000	0.14%	\$60,000	0.03%	\$90,600	0.11%	\$85,000	0.14%	\$102,142	0.09%	\$360,097	0.15%	\$7,725	0.01%	\$477,080	0.18%
Construction Contract Administration	\$2,000,000	1.16%	\$5,110,000	2.35%	\$5,836,000	2.47%	\$2,397,500	2.86%	\$1,250,000	2.10%	\$3,049,477	2.57%	\$4,355,342	1.85%	\$2,790,000	2.22%	\$6,187,485	2.29%
Closeout	\$200,000	0.12%	\$305,000	0.14%	\$396,000	0.17%	\$93,200	0.11%	\$110,000	0.18%	\$160,806	0.14%	\$366,324	0.16%	\$225,000	0.18%	\$271,190	0.10%
Extra Services															\$200,000	0.16%		
Other Project Manager Costs																		
Reimbursables & Other Services											200000	0.001687182			\$350,000	0.28%		
Cost Estimates	\$120,000	0.07%			\$240,000	0.10%	\$20,000	0.02%							\$20,000	0.02%		
<b>Total OPM Fees</b>	<b>\$4,467,802</b>	<b>2.58%</b>	<b>\$7,485,500</b>	<b>3.44%</b>	<b>\$7,746,000</b>	<b>3.27%</b>	<b>\$3,309,430</b>	<b>3.94%</b>	<b>\$2,095,000</b>	<b>3.52%</b>	<b>\$4,370,642</b>	<b>3.69%</b>	<b>\$7,884,600</b>	<b>3.35%</b>	<b>\$5,022,725</b>	<b>3.99%</b>	<b>\$9,488,726</b>	<b>3.51%</b>
<b>Total Designer and OPM Fees</b>	<b>\$19,625,596</b>	<b>11.35%</b>	<b>\$29,580,855</b>	<b>13.58%</b>	<b>\$30,477,000</b>	<b>12.88%</b>	<b>\$12,112,430</b>	<b>14.43%</b>	<b>\$8,215,000</b>	<b>13.79%</b>	<b>\$17,722,587</b>	<b>14.95%</b>	<b>\$32,848,247</b>	<b>13.96%</b>	<b>\$18,643,045</b>	<b>14.82%</b>	<b>\$38,145,082</b>	<b>14.10%</b>
<b>Total Construction Costs</b>	<b>\$172,861,181</b>		<b>\$217,839,610</b>		<b>\$236,647,607</b>		<b>\$83,953,900</b>		<b>\$59,585,032</b>		<b>\$118,540,836</b>		<b>\$235,286,827</b>		<b>\$125,792,153</b>		<b>\$270,444,856</b>	

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

High Schools

Information as of:  
**October 2021**  
**Board Meeting**

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Date Board Approved	Aug-20		Feb-20		Feb-20			
District	Worcester		Nauset		Waltham			
School Name	Doherty Memorial HS		Nauset Regional HS		Waltham Sr HS			
Project Type	Core Program		Core Program		Core Program			
Project Scope	New Construction		Addition / Renovation		New Construction			
Enrollment	1,670		905		1,830			
GSF	421,858		214,250		414,854			
Assumed Start of Construction	Jun-21		Apr-22		Sep-20			
OPM	Tishman Construction Corporation of MA		CHA Consulting, Inc.		Leftfield, LLC			
Designer	Lamoureux Pagano Associates   Architects, Inc.		Flansburgh Associates, Inc.		Symmes Maini & McKee Associates, Inc.			
Cost Estimator					A M Fogarty & Associates Inc.			
Description	Cost	% of Total Construction	Cost	% of Total Construction	Cost	% of Total Construction	Cost	% of Total Construction
<b>Designer</b>	<b>Lamoureux Pagano Associates   Architects, Inc.</b>		<b>Flansburgh Associates, Inc.</b>		<b>Symmes Maini &amp; McKee Associates, Inc.</b>			
<b>Basic Services</b>								
Feasibility Study	\$1,464,400	0.61%	\$1,045,000	1.00%	\$1,755,689	0.59%	\$28,638,072	0.74%
Design Development	\$5,397,690	2.26%	\$2,491,250	2.38%	\$6,309,500	2.11%	\$85,213,332	2.20%
Construction Contract Documents	\$7,854,500	3.29%	\$3,164,400	3.02%	\$12,000,000	4.01%	\$134,480,878	3.47%
Bidding	\$589,100	0.25%	\$433,600	0.41%	\$1,500,000	0.50%	\$15,918,867	0.41%
Construction Contract Administration	\$4,909,060	2.05%	\$3,374,400	3.22%	\$8,200,000	2.74%	\$98,664,220	2.55%
Closeout	\$981,800	0.41%	\$276,800	0.26%	\$600,000	0.20%	\$10,617,667	0.27%
Other Basic Services			\$184,550	0.18%			\$2,080,562	0.05%
<b>Subtotal Designer Basic Services</b>	<b>\$21,196,550</b>	<b>8.87%</b>	<b>\$10,970,000</b>	<b>10.48%</b>	<b>\$30,365,189</b>	<b>10.16%</b>	<b>\$375,613,598</b>	<b>9.70%</b>
<b>Reimbursable Services</b>								
Construction Testing							\$779,567	0.02%
Printing (Over Minimum)			\$25,000	0.02%			\$1,376,000	0.04%
Other Reimbursable Costs			\$10,000	0.01%	\$800,000	0.27%	\$5,397,056	0.14%
<b>Sub-Consultants</b>								
Hazardous Materials			\$200,000	0.19%	\$200,000	0.07%	\$7,086,485	0.18%
Geotech & Geotech Environment			\$125,000	0.12%	\$4,000,000	1.34%	\$9,809,090	0.25%
Site Survey			\$20,000	0.02%	\$50,000	0.02%	\$980,150	0.03%
Wetlands					\$25,000	0.01%	\$724,000	0.02%
Traffic Studies			\$20,000	0.02%	\$150,000	0.05%	\$1,128,500	0.03%
<b>Total Designer Fees</b>	<b>\$21,196,550</b>	<b>8.87%</b>	<b>\$11,370,000</b>	<b>10.86%</b>	<b>\$35,590,189</b>	<b>11.91%</b>	<b>\$402,894,446</b>	<b>10.40%</b>
<b>Owner's Project Manager</b>	<b>Tishman Construction Corporation of MA</b>		<b>CHA Consulting, Inc.</b>		<b>Leftfield, LLC</b>			
Feasibility Study	\$535,600	0.22%	\$255,000	0.24%	\$428,348	0.14%	\$11,264,215	0.29%
Design Development	\$199,889	0.08%	\$210,000	0.20%	\$775,771	0.26%	\$8,601,781	0.22%
Construction Contract Documents	\$502,339	0.21%	\$425,000	0.41%	\$1,284,382	0.43%	\$14,944,326	0.39%
Bidding	\$109,144	0.05%	\$100,000	0.10%	\$316,090	0.11%	\$4,024,301	0.10%
Construction Contract Administration	\$3,103,149	1.30%	\$2,610,000	2.49%	\$6,714,790	2.25%	\$87,102,328	2.25%
Closeout	\$937,474	0.39%	\$125,000	0.12%	\$508,967	0.17%	\$5,967,625	0.15%
Extra Services							\$1,775,968	0.05%
Other Project Manager Costs								
Reimbursables & Other Services					\$25,000	0.01%	\$2,808,250	0.07%
Cost Estimates							\$1,502,950	0.04%
<b>Total OPM Fees</b>	<b>\$5,387,595</b>	<b>2.26%</b>	<b>\$3,725,000</b>	<b>3.56%</b>	<b>\$10,053,348</b>	<b>3.36%</b>	<b>\$137,991,744</b>	<b>3.56%</b>
<b>Total Designer and OPM Fees</b>	<b>\$26,584,145</b>	<b>11.13%</b>	<b>\$15,095,000</b>	<b>14.42%</b>	<b>\$45,643,537</b>	<b>15.27%</b>	<b>\$540,886,190</b>	<b>13.96%</b>
<b>Total Construction Costs</b>	<b>\$238,910,676</b>		<b>\$104,708,165</b>		<b>\$298,923,790</b>		<b>\$3,873,477,339</b>	