

Information as of:

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

December 2018
 Board Meeting

The information and data contained in this spreadsheet, for construction projects starting January 2014, is based on the MSBA's review of construction cost estimates, contracts and other documentation provided by cities, towns, and regional school districts. This information and data is intended for informational purposes only. The data may have changed based on actual construction bids or contract amendments, for example, and the MSBA shall have no responsibility or duty to update any of the information contained in this spreadsheet. Please contact the Districts for the most current information. The MSBA hereby disclaims any and all liability and responsibility that may arise in connection with the information contained in this spreadsheet. This spreadsheet may include a preliminary review of scope exclusions but all costs identified are subject to review and audit by the MSBA and may not be eligible for reimbursement by the MSBA.

| Date Board Approved | Jul-13 | Jan-15 | Jun-17 | Aug-17 | | |
|---|--------------------------------------|-----------------------------|----------------------------|--|---------------------|----------------------|
| District | Greater Lawrence | Westborough | Triton | Blue Hills RSD | | |
| School Name | Greater Lawrence RTHS | Sarah Gibbons Middle School | Pine Grove ES | Blue Hills RTHS | | |
| Construction Type | Repair | Repair | Repair | Repair | | |
| Enrollment | 1,400 | 550 | 415 | 900 | | |
| GSF | 360,000 | 110,000 | 87,674 | 292,400 | | |
| Assumed Start of Construction | Apr-14 | Jun-15 | Mar-18 | Jun-18 | | |
| OPM | Vertex Construction Services | Heery International | Pinck & Co. | Dore & Whittier Management Partners, LLC | | |
| Designer | RDK Engineers | Habeeb & Associates | Dore & Whittier Architects | Drummey Rosane Anderson, Inc. | | |
| Cost Estimator | VJ Associates | North Bay Company | PM&C | Ellana, inc. | | |
| Division # | Description of Work | | | | Total Costs | |
| A | Substructure | | \$1,480,143 | \$167,075 | \$248,642 | \$1,895,860 |
| B | Shell | \$33,697 | \$10,231,943 | \$3,570,814 | \$9,340,906 | \$23,177,360 |
| B10 | Superstructure | | \$3,931,509 | \$877,920 | \$470,970 | \$5,280,399 |
| B20 | Exterior Enclosure | \$33,697 | \$5,074,898 | \$1,439,366 | \$5,689,571 | \$12,237,532 |
| B2010 | Exterior Walls | | \$3,820,285 | \$336,282 | \$0 | \$4,156,567 |
| B2020 | Exterior Windows | | \$1,171,583 | \$1,021,964 | \$0 | \$2,193,547 |
| B2030 | Exterior Doors | | \$83,030 | \$81,120 | \$0 | \$164,150 |
| B30 | Roofing | | \$1,225,536 | \$1,253,528 | \$3,180,365 | \$5,659,429 |
| C | Interiors | \$124,227 | \$5,452,285 | \$3,208,424 | \$6,504,667 | \$15,289,603 |
| D | Services | \$3,393,669 | \$9,881,752 | \$7,974,688 | \$30,349,460 | \$51,599,569 |
| D10 | Conveying | | \$144,360 | \$20,000 | \$334,250 | \$498,610 |
| D20 | Plumbing | \$319,343 | \$1,310,352 | \$1,008,138 | \$3,208,448 | \$5,846,281 |
| D30 | HVAC | \$2,812,427 | \$4,056,078 | \$3,351,972 | \$14,195,608 | \$24,416,085 |
| D40 | Fire Protection | | \$504,292 | \$399,059 | \$1,628,294 | \$2,531,645 |
| D50 | Electrical Utilities | \$261,899 | \$3,866,670 | \$3,195,519 | \$10,982,860 | \$18,306,948 |
| E | Furnishings & Fixed Equipment | | \$1,913,682 | \$1,307,388 | \$345,835 | \$3,566,905 |
| | Building Value Engineering | | | | | \$0 |
| | Building Subtotal | \$3,551,593 | \$28,959,805 | \$16,228,389 | \$46,789,510 | \$95,529,297 |
| F | Special Construction & Demo | | \$1,480,548 | \$2,128,125 | \$3,828,102 | \$7,436,775 |
| G | Other Site Construction | | \$3,302,032 | \$3,897,811 | \$813,153 | \$8,012,996 |
| G10 | Site Preparation | | \$773,405 | \$483,192 | \$390,618 | \$1,647,215 |
| G20 | Site Improvements | | \$1,255,731 | \$2,117,581 | \$332,035 | \$3,705,347 |
| G30 | Mechanical Utilities | | \$745,054 | \$966,838 | \$90,500 | \$1,802,392 |
| G40 | Electrical Utilities | | \$527,842 | \$330,200 | \$0 | \$858,042 |
| | Other Site Construction | | | \$0 | \$0 | \$0 |
| | Subtotal | \$3,551,593 | \$33,742,385 | \$22,254,325 | \$51,430,765 | \$110,979,068 |
| Z | Mark-Ups | \$810,048 | \$7,383,471 | \$6,982,714 | \$16,105,233 | \$31,281,466 |
| Z | Insurance | | \$291,862 | \$24,249 | \$942,309 | \$1,258,420 |
| Z | Subcontractor Bond | | \$367,746 | | \$1,322,215 | \$1,689,961 |
| Z | Design & Pricing Contingency | | \$2,785,675 | \$2,225,432 | \$5,143,077 | \$10,154,184 |
| Z | General Conditions | \$810,048 | \$2,740,348 | \$2,982,504 | \$4,379,086 | \$10,911,986 |
| Z | Overhead & Profit / GMP Fee | | \$1,197,840 | \$558,000 | \$1,450,252 | \$3,206,092 |
| Z | CM at Risk Contingency | | | \$1,192,529 | \$2,868,294 | \$4,060,823 |
| | Construction Subtotal | \$4,361,641 | \$41,125,856 | \$29,237,039 | \$67,535,998 | \$142,260,534 |
| Z | Project Scope Adjustments | | | | | \$0 |
| Z | Escalation to Construction Mid-Point | | \$1,996,401 | \$954,710 | \$2,973,859 | \$5,924,970 |
| | Total Construction Cost | \$4,361,641 | \$43,122,257 | \$30,191,749 | \$70,509,857 | \$148,185,504 |
| | Cost per Square Foot | \$12 | \$392 | \$344 | \$241 | |
| Bid Alternates | | | | | \$0 | \$0 |
| CM Preconstruction Services | | | | \$167,500 | \$181,000 | \$348,500 |
| Construction Contingency | \$249,808 | \$1,293,668 | \$1,471,399 | \$3,200,000 | \$6,214,875 | \$11,429,750 |
| Designer | \$382,500 | \$4,170,500 | \$3,718,781 | \$7,365,986 | \$15,637,767 | \$27,275,534 |
| OPM & other Professional services | \$436,500 | \$1,082,000 | \$1,430,457 | \$2,555,925 | \$5,504,882 | \$10,999,764 |
| FF&E/IT | | \$2,075,000 | \$996,000 | \$175,000 | \$3,246,000 | \$6,492,000 |
| Legal Fees | | \$12,000 | \$0 | \$75,000 | \$87,000 | \$174,000 |
| Other Soft Costs | | \$507,500 | \$280,500 | \$500,000 | \$500,000 | \$1,288,000 |
| Owner's Contingency | \$49,962 | \$2,038,770 | \$735,700 | \$300,000 | \$300,000 | \$3,124,432 |
| | Total Project Budget *** | \$5,480,411 | \$54,301,695 | \$38,992,086 | \$84,862,768 | \$183,636,960 |
| Bid Alternates | | | | \$0 | \$0 | \$0 |
| Ineligible Costs & Contingency | | | | \$867,564 | \$1,815,669 | \$2,683,233 |
| Scope Exclusions | \$1,219,908 | \$7,044,756 | \$4,553,209 | \$3,595,523 | \$3,595,523 | \$16,413,396 |
| Basis for Total Facilities Grant | \$4,260,503 | \$47,256,939 | \$33,571,313 | \$79,451,576 | | \$164,540,331 |
| Reimbursement Rate | 78.95% | 57.93% | 50.46% | 55.89% | | |
| Maximum Facilities Grant | \$3,363,667 | \$27,375,945 | \$16,940,085 | \$44,405,486 | | \$92,085,182 |

** Blue Hills RTHS - The Maximum Facilities Grant reflects the recovery of \$25,866.