2024 PVC Roof Projects < 100,000 GSF

| District | East Longmeadow | Chelmsford | New Bedford | Springfield | Holyoke | Middleton | New Bedford | Berlin-Boylston | Holyoke | Holyoke | Boxford | Springfield | Salem |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| School Name | Mapleshade Elementary School | South Row Elementary School | Elwyn G. Campbell School | Samuel Bowles Elementary School | Lt. Elmer J. McMahon Elementary | Fuller Meadow School | Carlos Pacheco Elementary School | Boylston Elementary School | Marcella R. Kelly Elementary School | Maurice A. Donahue Elementary School | Harry Lee Cole School | Indian Orchard Elementary School | Bates Elementary School |
| GSF | 43,000 | 44,580 | 46,759 | 50,444 | 51,325 | 60,675 | 61,840 | 62,568 | 70,411 | 70,550 | 75,373 | 88,498 | 91,223 |
| Roof Replacement SF* | 38,187 | 39,115 | 52,005 | 24,899 | 51,325 | 29,956 | 23,465 | 62,568 | 70,411 | 43,198 | 7,268 | 38,320 | 46,110 |
| OPM | Colliers Project Leaders USA NE, LLC | PCA360 | Architectural Consulting Group, LLC | LiRo-Hill | PCA360 | GreenerU | Architectural Consulting Group, LLC | Watermark Environmental, Inc. | PCA360 | Atlantic Construction & Management, Inc. | LiRo-Hill, Corp. | Skanska USA Building | Skanska USA Building, Inc. |
| Designer | Habeeb & Associates Architects | Socotec AE Consulting, LLC | Habeeb & Associates Architects | Raymond Design Associates, Inc. | Mount Vernon Group Architects, Inc. | Socotec AE Consulting, LLC | Habeeb & Associates Architects | Matz Collaborative Architects, Inc. | Mount Vernon Group Architects, Inc. | CSS Architects Inc. | EDM Engineering & Landscape Architecture, P.C. | Dietz & Company Architects | Habeeb & Associates Architects |
| **Total Project Budget-PFA Bid Amount** | | | | | | | | | | | | | |
| **TOTAL PROJECT BUDGET - ALL COSTS ASSOCIATED WITH THE PROJECT ARE SUBJECT TO 963 CMR 2.16(5)** | | | | | | | | | | | | | |
| **Feasibility Study Agreement** | | | | | | | | | | | | | |
| *OPM Feasibility Study* | $15,000 | $15,000 | $5,000 | $7,000 | $5,000 | $15,000 | $5,000 | $15,000 | $5,000 | $15,000 | $15,000 | $10,025 | $14,475 |
| *A&E Feasibility Study* | $98,600 | $65,000 | $84,750 | $90,000 | $60,000 | $83,000 | $70,310 | $53,900 | $95,000 | $60,000 | $57,000 | $70,000 | $69,100 |
| *Env. & Site* | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 |
| *Other* | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 |
| **Feasibility Study Agreement Subtotal** | **$113,600** | **$80,000** | **$89,750** | **$97,000** | **$65,000** | **$98,000** | **$75,310** | **$68,900** | **$100,000** | **$75,000** | **$72,000** | **$80,025** | **$83,575** |
| **Administration** | | | | | | | | | | | | | |
| **Legal Fees** | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 |
| **Owner's Project Manager** | | | | | | | | | | | | | |
| *Design Development* | | | | | | | | | | | | | |
| *Construction Contract Documents* | $31,958 | $41,860 | $30,000 | $37,080 | $25,990 | $9,104 | $12,000 | $60,210 | $51,068 | $29,636 | $17,252 | $38,400 | $40,335 |
| *Bidding* | $23,559 | $23,960 | $10,000 | $8,270 | $17,327 | $25,941 | $5,000 | $21,314 | $34,045 | $11,950 | $18,972 | $29,166 | $11,800 |
| *Construction Contract Administration* | $177,286 | $188,482 | $112,000 | $197,830 | $112,625 | $118,831 | $75,000 | $252,981 | $221,293 | $285,700 | $117,378 | $212,477 | $167,198 |
| *Closeout* | $37,412 | $18,730 | $25,000 | $41,480 | $17,327 | $28,197 | $15,000 | $25,700 | $34,045 | $60,706 | $25,988 | $28,481 | $31,321 |
| *Extra Services* | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 |
| *Reimbursable & Other Services* | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $8,000 | $0 | $0 | $0 |
| *Cost Estimates* | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 |
| **Advertising** | $500 | $5,000 | $0 | $5,000 | $5,000 | $0 | $0 | $0 | $5,000 | $1,000 | $0 | $0 | $0 |
| **Permitting** | $1,000 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 |
| **Owner's Insurance** | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 |
| **Other Administrative Costs** | $1,000 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 |
| **Administration Subtotal** | **$272,713** | **$278,032** | **$177,000** | **$289,660** | **$178,249** | **$182,073** | **$107,000** | **$360,105** | **$345,451** | **$388,992** | **$187,590** | **$308,524** | **$250,839** |
| **Architecture and Engineering** | | | | | | | | | | | | | |
| **Basic Services** | | | | | | | | | | | | | |
| *Design Development* | | | | | | | | | | | | | |
| *Construction Contract Documents* | $123,405 | $176,500 | $160,000 | $200,000 | $195,664 | $110,000 | $102,000 | $120,675 | $395,109 | $210,000 | $79,112 | $235,650 | $167,500 |
| *Bidding* | $7,000 | $10,000 | $5,000 | $20,000 | $7,827 | $7,500 | $5,000 | $4,500 | $15,804 | $20,000 | $4,400 | $11,760 | $9,500 |
| *Construction Contract Administration* | $60,100 | $45,000 | $101,000 | $140,000 | $52,177 | $40,000 | $40,000 | $31,500 | $105,362 | $150,000 | $52,040 | $92,550 | $81,583 |
| *Closeout* | $9,655 | $3,500 | $13,000 | $20,000 | $5,218 | $2,500 | $8,000 | $1,500 | $10,536 | $10,000 | $3,400 | $0 | $13,059 |
| *Other Basic Services* | $0 | $0 | $0 | $25,000 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 |
| **Basic Services Subtotal** | **$200,160** | **$235,000** | **$279,000** | **$405,000** | **$260,886** | **$160,000** | **$155,000** | **$158,195** | **$526,811** | **$390,000** | **$138,972** | **$339,900** | **$271,613** |
| **Reimbursable Services** | | | | | | | | | | | | | |
| *Construction testing* | $0 | $7,500 | $0 | $0 | $7,500 | $0 | $0 | $0 | $7,500 | $0 | $0 | $18,880 | $0 |
| *Printing (over minimum)* | $0 | $5,000 | $0 | $2,000 | $5,000 | $0 | $0 | $0 | $5,000 | $1,500 | $0 | $0 | $0 |
| *Other Reimbursable Costs* | $9,775 | $0 | $0 | $0 | $7,500 | $0 | $0 | $0 | $0 | $0 | $0 | $8,000 | $0 |
| *Hazardous Materials* | $22,500 | $7,500 | $10,000 | $0 | $0 | $0 | $8,000 | $13,000 | $7,500 | $7,500 | $0 | $19,960 | $22,500 |
| *Geotech & Geo-Env.* | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 |
| *Site Survey* | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 |
| *Wetlands* | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 |
| *Traffic Studies* | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 |
| **Architectural/Engineering Subtotal** | **$232,425** | **$255,000** | **$289,000** | **$407,000** | **$280,886** | **$160,000** | **$163,000** | **$171,195** | **$546,811** | **$399,000** | **$138,972** | **$377,740** | **$294,113** |
| **CM & Risk Preconstruction Services** | | | | | | | | | | | | | |
| *Pre-Construction Services* | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 |
| **Site Acquisition** | | | | | | | | | | | | | |
| Land/Building Purchase | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 |
| Appraisal Fees | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 |
| Recordine fees | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 |
| **Site Acquisition Subtotal** | **$0** | **$0** | **$0** | **$0** | **$0** | **$0** | **$0** | **$0** | **$0** | **$0** | **$0** | **$0** | **$0** |
| Construction Costs | | | | | | | | | | | | | |
| Construction Budget | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 |
| GMP. Fee | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 |
| GMP. Insurance | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 |
| GMP. Contingency | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 |
| Division 1 - General Requirements | $370,576 | $838,582 | $517,626 | $1,163,930 | $976,933 | $399,914 | $320,792 | $1,760,224 | $1,893,102 | $1,112,273 | $257,746 | $1,765,177 | $637,494 |
| Division 2 - Existing Conditions | $0 | $312,920 | $1,500 | $321,689 | $459,652 | $114,952 | $26,590 | $236,162 | $631,469 | $8,586 | $74,823 | $480,474 | $60,000 |
| Division 3 - Concrete | $0 | $17,500 | $0 | $6,300 | $0 | $10,000 | $0 | $0 | $0 | $0 | $0 | $0 | $9,150 |
| Division 4 - Masonry | $0 | $0 | $23,950 | $179,315 | $134,944 | $0 | $0 | $0 | $202,358 | $16,000 | $0 | $60,190 | $0 |
| Division 5 - Metals | $53,605 | $0 | $36,100 | $28,730 | $40,650 | $0 | $0 | $46,456 | $122,010 | $3,500 | $0 | $383,656 | $24,500 |
| Division 6 - Woods, Plastics and Composites | $112,176 | $88,230 | $35,539 | $28,626 | $15,998 | $55,404 | $11,674 | $18,650 | $38,761 | $34,104 | $23,256 | $208,213 | $101,221 |
| Division 7 - Thermal and Moisture Protection | $1,369,092 | $1,356,865 | $1,023,212 | $1,412,885 | $1,268,516 | $714,685 | $1,000,333 | $2,388,288 | $2,344,738 | $2,080,287 | $315,038 | $2,625,320 | $1,714,194 |
| Division 8 - Openings | $13,040 | $5,000 | $1,000 | $27,500 | $122,550 | $36,000 | $8,400 | $155,542 | $333,810 | $30,800 | $142,756 | $51,200 | $0 |
| Division 9 - Finishes | $23,594 | $0 | $21,750 | $68,980 | $228,186 | $0 | $27,470 | $23,600 | $372,757 | $13,612 | $600 | $266,018 | $20,000 |
| Division 10 - Specialties | $0 | $0 | $0 | $3,000 | $29,149 | $0 | $5,000 | $0 | $144,615 | $25,960 | $0 | $0 | $3,500 |
| Division 11 - Equipment | $0 | $0 | $0 | $24,000 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 |
| Division 12 - Furnishings | $0 | $0 | $0 | $0 | $23,000 | $0 | $0 | $0 | $258,605 | $0 | $0 | $0 | $0 |
| Division 13 - Special Construction | $0 | $0 | $0 | $0 | $35,000 | $0 | $250,000 | $0 | $35,000 | $0 | $0 | $0 | $0 |
| Division 14 - Conveying Systems | $0 | $0 | $0 | $0 | $40,000 | $0 | $0 | $35,775 | $40,000 | $90,000 | $0 | $0 | $0 |
| Division 21 - Fire Suppression | $0 | $0 | $0 | $0 | $0 | $0 | $3,000 | $0 | $0 | $0 | $0 | $0 | $0 |
| Division 22 - Plumbing | $78,264 | $235,000 | $45,866 | $77,167 | $73,550 | $9,000 | $48,750 | $9,250 | $263,550 | $181,280 | $0 | $207,210 | $100,600 |
| Division 23 - HVAC | $64,450 | $2,000 | $131,902 | $61,540 | $37,750 | $200,000 | $11,600 | $33,123 | $53,200 | $220,300 | $0 | $243,650 | $92,569 |
| Division 25 - Integrated Automation | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 |
| Division 26 - Electrical | $53,805 | $17,000 | $56,690 | $58,111 | $78,500 | $150,000 | $28,500 | $79,748 | $175,100 | $587,302 | $22,000 | $136,260 | $52,212 |
| Division 27 - Communications | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 |
| Division 28 - Electronic Safety and Security | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 |
| Division 31 - Earthwork | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 |
| Division 32 - Exterior Improvements | $0 | $110,000 | $0 | $0 | $0 | $0 | $0 | $17,200 | $0 | $0 | $0 | $0 | $0 |
| Division 33 - Utilities | $0 | $520,195 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 |
| **Construction Budget** | **$2,138,592** | **$3,903,292** | **$2,795,204** | **$3,461,773** | **$3,565,388** | **$1,689,962** | **$1,732,097** | **$4,804,016** | **$6,909,015** | **$4,410,024** | **$836,218** | **$6,427,366** | **$2,815,321** |
| **Alternates (see Table 8)** | | | | | | | | | | | | | |
| *Alternates Included in the Total Project Budget* | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 |
| *Alternates Excluded from the Total Project Budget* | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 |
| **Alternates Subtotal** | **$0** | **$0** | **$0** | **$0** | **$0** | **$0** | **$0** | **$0** | **$0** | **$0** | **$0** | **$0** | **$0** |
| Miscellaneous Project Costs | | | | | | | | | | | | | |
| *Utility company Fees* | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 |
| *Testing Services* | $5,000 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $20,000 | $20,000 |
| *Swing Space/Modulars* | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 |
| *Other Project Costs (Mailing & Moving)* | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 |
| **Misc. Project Costs Subtotal** | **$5,000** | **$0** | **$0** | **$0** | **$0** | **$0** | **$0** | **$0** | **$0** | **$0** | **$0** | **$20,000** | **$20,000** |
| *Furnishings and Equipment* | | | | | | | | | | | | | |
| *Furnishings* | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 |
| *Equipment* | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 |
| *Computer Equipment* | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 |
| **FF&E Subtotal** | **$0** | **$0** | **$0** | **$0** | **$0** | **$0** | **$0** | **$0** | **$0** | **$0** | **$0** | **$0** | **$0** |
| **Project Budget** | **$2,762,330** | **$4,116,324** | **$3,350,954** | **$4,255,433** | **$4,089,543** | **$2,130,035** | **$2,077,377** | **$5,404,296** | **$7,901,277** | **$5,273,016** | **$1,234,780** | **$7,213,655** | **$3,463,648** |

| Board Authorization | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Project Budget (excluding Contingencies) | $2,762,330 | $4,116,324 | $3,350,954 | $4,255,433 | $4,089,543 | $2,130,035 | $2,077,377 | $5,404,296 | $7,901,277 | $5,273,016 | $1,234,780 | $7,213,655 | $3,463,648 |
| Scope Items Excluded or Otherwise Ineligible | -$429,349 | $262,940 | $0 | -$598,054 | $0 | -$592,294 | $0 | $0 | $0 | -$936 | -$382,778 | -$1,518,691 | -$85,263 |
| Third Party Funding (Ineligible) | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 |
| Basis of Estimated Total Facilities Grant | $2,332,981 | $3,853,264 | $3,350,954 | $3,657,379 | $4,089,543 | $1,537,741 | $2,077,377 | $5,404,296 | $7,901,277 | $5,272,080 | $852,002 | $5,694,964 | $3,378,385 |
| Reimbursement Rate | 56.48% | 52.26% | 80.00% | 80.00% | 80.00% | 47.21% | 80.00% | 50.79% | 80.00% | 80.00% | 41.32% | 80.00% | 73.89% |
| Estimated Maximum Total Facilities Grant | $1,317,668 | $2,013,779 | $2,680,763 | $2,925,903 | $3,271,634 | $725,968 | $1,661,902 | $2,744,842 | $6,321,022 | $4,217,664 | $352,047 | $4,555,971 | $2,496,289 |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total Construction Contingency | $106,930 | $350,329 | $139,760 | $152,391 | $356,539 | $84,496 | $86,603 | $240,201 | $690,902 | $441,002 | $83,622 | $245,434 | $140,766 |
| Ineligible Construction Contingency | $9,722 | $188,311 | $0 | $0 | $178,270 | $21,451 | $0 | $0 | $345,451 | $220,548 | $53,522 | $0 | $0 |
| Potentially Eligible Construction Contingency | $97,208 | $162,018 | $139,760 | $152,391 | $178,269 | $63,045 | $86,603 | $240,201 | $345,451 | $220,454 | $30,100 | $245,434 | $140,766 |
| Total Owner's Contingency | $25,000 | $61,303 | $13,976 | $15,239 | $52,416 | $84,498 | $8,660 | $24,020 | $99,226 | $39,400 | $16,724 | $24,543 | $14,077 |
| Ineligible Owner's Contingency | $25,000 | $45,101 | $10,685 | $15,239 | $34,589 | $84,498 | $7,557 | $0 | $64,681 | $20,574 | $16,724 | $0 | $14,077 |
| Potentially Eligible Owner's Contingency | $0 | $16,202 | $3,291 | $0 | $17,827 | $0 | $1,103 | $24,020 | $34,545 | $18,826 | $0 | $24,543 | $0 |
| Total Construction and Owner's Contingency | $131,930 | $411,632 | $153,736 | $167,630 | $408,955 | $168,994 | $95,263 | $264,221 | $790,128 | $480,402 | $100,346 | $269,977 | $154,843 |
| Total Ineligible Contingency | $0 | $233,412 | $10,685 | $15,239 | $212,859 | $105,949 | $7,557 | $0 | $410,132 | $241,122 | $70,246 | $0 | $14,077 |
| Total Potentially Eligible Contingency | $34,722 | $178,220 | $143,051 | $152,391 | $196,096 | $63,045 | $87,706 | $264,221 | $379,996 | $239,280 | $30,100 | $269,977 | $140,766 |
| Reimbursement Rate | 56.48% | 52.26% | 80.00% | 80.00% | 80.00% | 47.21% | 80.00% | 50.79% | 80.00% | 80.00% | 41.32% | 80.00% | 73.89% |
| Potential Additional Contingency Grant Funds | $54,903 | $93,138 | $114,441 | $121,913 | $156,877 | $29,764 | $70,165 | $136,415 | $303,997 | $191,424 | $12,437 | $215,982 | $104,012 |
| Maximum Total Facilities Grant | $1,372,571 | $2,106,917 | $2,795,204 | $3,047,816 | $3,428,511 | $755,732 | $1,732,067 | $2,881,257 | $6,625,019 | $4,409,088 | $364,484 | $4,771,953 | $2,600,301 |
| Total Project Budget | $2,894,260 | $4,527,956 | $3,504,690 | $4,423,063 | $4,498,498 | $2,299,029 | $2,172,640 | $5,668,517 | $8,691,405 | $5,753,418 | $1,335,126 | $7,483,632 | $3,618,491 |

***Roof Replacement SF may be higher than GSF due to architectural features that add surface area to the roof, such as steep roof pitches or detached roof structures.**