| | |
|---|---|
| District: | Newton |
| School Name: | Williams Elementary School<br>Bowen Elementary School |
| Recommended Category: | Project Funding Agreement<br>Green Repair Program |
| Date: | March 30, 2011 |

**Recommendation**

That the Executive Director be authorized to enter into a Project Funding Agreement with the City of Newton for a roof replacement at the Bowen Elementary School and boiler replacements at the Williams Elementary School.

| **District Info** | |
|---|---|
| District Name: | Newton |
| Elementary Schools: | 16 – Bowen Elementary School<br>A E Angier Elementary School<br>C. C. Burr Elementary School<br>Cabot Elementary School<br>Countryside Elementary School<br>Franklin Elementary School<br>Horace Mann Elementary School<br>John Ward Elementary School<br>Lincoln-Eliot Elementary School<br>Mason-Rice Elementary School<br>Memorial Spaulding Elementary School<br>Newton Early Childhood Center<br>Peirce Elementary School<br>Underwood Elementary School<br>Williams Elementary School<br>Zervas Elementary School |
| Middle Schools: | 4 – Bigelow Middle School<br>Charles E Brown Middle School<br>F A Day Middle School<br>Oak Hill Middle School |
| High Schools: | 2 – Newton North High School<br>Newton South High School |

| **School Info** | | |
|---|---|---|
| School Name: | Williams Elementary School | Bowen Elementary School |
| Type of School: | Elementary School | Elementary School |
| Grades Served: | K-5 | K-5 |
| Year Opened: | 1950 | 1950 |
| Total Building Square Footage: | 37,000 | 63,915 |
| Building Issues: | Boilers beyond useful life | Roof beyond useful life |
| 2010-2011 Enrollment: | 275 | 450 |

| **MSBA Votes** | |
|---|---|
| Invited into Green Repair: | November 17, 2010 |
| Project Funding Agreement Authorization: | March 30, 2011 |

| **Consultants** | |
|---|---|
| Owner's Project Manager: | STV Construction, Inc. |
| Designer: | Habeeb & Associates Architects, Inc. |

**Discussion**

The OPM and Designer conducted a feasibility analysis of the facilities and developed a proposed scope of work, schedule and estimated budget. The Designer recommended replacing the boilers at the Williams School and replacing the roof at the Bowen School with a cold applied SBS modified bitumen roof membrane system. The Designer has confirmed that the new boilers and roof will be in compliance with the Green Repair Program sustainability requirements.

MSBA staff have reviewed the consultants' existing conditions analysis and proposed schedule provided by the District and have met with the District and its consultants to discuss the scope and budget. The District has provided a total project budget of $495,475 which includes an estimated construction cost of $367,958. The basis of the Total Facilities Grant would be $493,136.

| School Name: | **Williams** | **Bowen** | **DISTRICT TOTAL** |
|---|---|---|---|
| Project Scope: | Boilers | Roof (4,810 sf) | |
| Total Project Budget: | $328,000 | $167,475 | $495,475 |
| Total Construction Budget:* | $251,648 | $116,310 | $367,958 |
| Construction Cost / SF: | N/A | $20/sf | |
| Scope Exclusions/Ineligible costs:** | $1,151 | $1,188 | $2,339 |
| Basis of Total Facilities Grant: | $326,849 | $166,287 | $493,136 |
| Reimbursement Rate: | 35.42% | 35.42% | 35.42% |
| Maximum Total Facilities Grant: | $115,770 | $58,899 | $174,669 |

* Does not include Construction Contingency.
** Based on cost comparisons, the MSBA has applied funding limits to the construction contingency, owner's contingency, OPM fee and Designer fee.

MSBA staff recommends a maximum total facilities grant for each project in the amount set forth in the chart above, up to a maximum Total Facilities Grant of $174,669 for the Project Funding Agreement for the City of Newton. These amounts are subject to adjustment based on the MSBA's audit of project costs incurred by the District.