

District: City of Newton
 School Name: Bigelow Middle School
 Recommended Category: Project Funding Agreement
 Date: February 6, 2019

Recommendation

That the Executive Director be authorized to enter into a Project Funding Agreement with the City of Newton for a boiler replacement project at the Bigelow Middle School.

The City of Newton has also been invited into the Accelerated Repair Program for a boiler replacement project at the F.A. Day Middle School. The two Schools received invitations to the Accelerated Repair Program at the June 27, 2018 Board of Directors Meeting. The City of Newton will seek authorization to combine the two Schools within the same Project Funding Agreement at the April 10, 2019 Board of Directors Meeting.

District Info	
District Name	City of Newton
Elementary Schools	1 School (PK) 15 Schools (K-5)
Middle Schools	4 Schools (6-8)
High Schools	2 Schools (9-12)
Priority School Name	Bigelow Middle School
Type of School	Middle School
Grades Served	6-8
Year Opened	1967
Existing Square Footage	92,500
Additions	N/A
Building Issues	Boilers
2017-2018 Enrollment	521

MSBA Votes	
Invitation to Participate in the Accelerated Repair Program	June 27, 2018
Project Funding Agreement Authorization	On February 13, 2019 Board agenda
Reimbursement Rate	32.47%

Consultants	
Owner’s Project Manager (the “OPM”)	NETCO Construction Project Managers, Inc.
Designer	Tighe & Bond, Inc.

Discussion

The OPM and Designer conducted a feasibility analysis of the facilities and developed a Schematic Design including a proposed scope of work, schedule, and estimated budget. The District’s Designer, Tighe & Bond, Inc., recommends a boiler replacement project at

the Bigelow Middle School. The Designer has confirmed that the boiler replacement will be in compliance with the MSBA’s sustainability requirements.

MSBA staff reviewed the consultants’ existing conditions analysis and proposed schedule that were provided by the District. Also, MSBA staff discussed the scope and budget with the District and its consultants. The District has provided a Total Project Budget of \$1,364,006, which includes a construction cost of \$1,009,826. Construction costs include:

- \$776,740 for the installation of three 2,500 MBH boilers;
- \$206,628 for demolition, abatement and associated boiler work;
- and \$26,458 for permitting and new boiler room lighting fixtures (ineligible for reimbursement).

The District proposed an add alternate for the following scope of work. The District may consider the add alternate if the construction bids come in lower than the estimated Construction Budget shown in the Total Project Budget.

- \$16,360 for the removal of “Chiller A”.

Project Funding Agreement	
Enrollment: 521	District’s Total Proposed
Total Square Feet: 92,500	Budget
Project Budget ¹	\$1,252,926
Scope Exclusions/Ineligible Costs ²	-\$26,458
Estimated Basis of Total Facilities Grant	\$1,226,468
Reimbursement Rate	32.47%
Estimated Maximum Total Facilities Grant ³	\$398,234
Project Contingencies ⁴	\$111,080
Potentially Eligible Owner’s and Construction Contingencies	\$54,085
Potential Additional Grant Funds for Eligible Owner’s and Construction Contingency Expenditures ⁵	\$17,561
Total Project Budget	\$1,364,006
Maximum Total Facilities Grant ⁶	\$415,795

¹ Does not include Owner’s or Construction Contingencies.

² Scope exclusions/ineligible costs include permitting and new boiler room light fixtures.

³ The “Estimated Maximum Total Facilities Grant” is calculated by applying the reimbursement rate to the “Estimated Basis of Total Facilities Grant”. It does not include any grant funds for potentially eligible Owner’s or Construction Contingency Expenditures and is subject to MSBA review and audit.

⁴ Includes eligible and ineligible Owner’s and Construction Contingency.

⁵ The “Potential Additional Grant Funds for Eligible Owner’s and Construction Contingency Expenditures” is calculated by applying the reimbursement rate to the “Potentially Eligible Owner’s and Construction Contingencies.”

⁶ Includes maximum possible Owner’s and Construction Contingency grant funds, the final amount of which, if any, shall be determined by the MSBA in accordance with its policies for the

determination of eligibility. The MSBA does not anticipate that the District will expend all of its contingency funds on expenses that are eligible for MSBA reimbursement.

MSBA staff recommends an Estimated Maximum Total Facilities Grant of \$398,234; however, the District may be eligible for up to an additional \$17,561 in grant funds, subject to the MSBA's review and audit of the District's Owner's and Construction Contingency Expenditures. Accordingly, staff recommends a Maximum Total Facilities Grant of \$415,795 for a boiler replacement project at the Bigelow Middle School.