

District: City of Springfield
 School Name: Springfield High School of Science and Technology
 Margaret C. Ells School
 South End Middle School
 Springfield Public Day High School
 Recommended Category: Project Funding Agreement
 Date: November 13, 2013

Recommendation

That the Executive Director be authorized to enter into a Project Funding Agreement with the City of Springfield for roof replacement projects at the Springfield High School of Science and Technology, the Margaret C. Ells School, the South End Middle School, and the Springfield Public Day High School. At the October 2, 2013 Board of Directors Meeting, the Chestnut Accelerated Middle School was also invited into the Accelerated Repair Program for a potential roof replacement project. The Chestnut Accelerated Middle School will require Board authorization for a Project Funding Agreement at a later time.

District Info	
District Name	City of Springfield
Elementary School(s)	(1) PK-1, (1) PK-4, (10) PK-5, (1) PK-8, (14) K-5
Middle School(s)	(9) 6-8
Middle/High School(s)	(1) 6-12
High School(s)	(7) 9-12, (1) 11-12

School Info				
School Name	High School/Science-Tech	Margaret C. Ells School	South End Middle School	Springfield Public Day High School
Type of School	High School	Elementary School	Middle School	High School
Grades Served	9-12	PK-1	6-8	9-12
Year Opened	1959	1959	1947	1947
Total Building Square Footage	248,921	40,641	41,250	30,059
Building Issues	Roof	Roof	Roof	Roof
2012-2013 Enrollment	1,401	239	284	128

MSBA Votes	
Invitation to Feasibility Study	June 5, 2013
Project Funding Agreement Authorization	On November 20, 2013 Board agenda
Reimbursement Rate	80.00%

Consultants	
Owner's Project Manager	Atlantic Construction & Management Inc.
Designer	CBI Consulting Inc.

Discussion

The OPM and Designer conducted a feasibility analysis of the facilities and developed schematic designs including proposed scopes of work, schedules, and estimated budgets. The District's Designer, CBI Consulting Inc., recommends a roof replacement at Springfield High School of Science and Technology, the Margaret C. Ells School, the South End Middle School, and the Springfield Public Day High School. The Designer confirmed that all roof work at each of the schools will be in compliance with the MSBA's sustainability requirements.

MSBA staff reviewed the consultants' existing conditions analysis and proposed schedule provided by the District and have discussed the scopes and budgets with the District and its consultants. The District has provided a combined Total Project Budget of \$6,846,534 which includes a combined construction cost of \$5,430,571. Construction costs include:

- Springfield High School of Science and Technology School
 - \$19.92/sf for the PVC roof
 - \$1,480,706 for demolition and associated work. The cost includes \$1,120,604 for the complete removal and replacement of the parapet wall at the perimeter of the original portion of the building.
- Margaret C. Ells School
 - \$20.16/sf for the PVC roof with an additional \$4.97/sf for the vapor barrier
 - \$341,094 for demolition and associated work
- South End Middle School
 - \$18.25/sf for the PVC roof
 - \$287,686 for demolition and associated work
- Springfield Public Day School
 - \$20.27/sf for the PVC roof
 - \$220,129 for demolition and associated work

Project Funding Agreement	High School/ Science-Tech	Margaret C. Ells School	South End Middle School	Springfield Public Day High School	District's Total Proposed Budget
Enrollment	1,401	239	284	128	
Total Square Feet	248,921	40,641	41,250	30,059	
Project Budget ¹	\$3,221,091	\$1,504,882	\$712,197	\$849,701	\$6,287,871
Scope Exclusions/Ineligible Costs ²	\$114,991	\$0	\$35,215	\$38,389	\$188,595
Estimated Basis of Total Facilities Grant	\$3,106,100	\$1,504,882	\$676,982	\$811,312	\$6,099,276
Reimbursement Rate	80.00%	80.00%	80.00%	80.00%	80.00%
Estimated Maximum Total Facilities Grant ³	\$2,484,880	\$1,203,906	\$541,586	\$649,050	\$4,879,422
Total Owner's and Construction Contingencies	\$292,316	\$136,560	\$58,956	\$70,831	\$558,663

Potentially Eligible Owner's and Construction Contingencies ²	\$149,476	\$69,884	\$30,749	\$37,027	\$287,136
Potential Additional Grant Funds for Eligible Owner's and Construction Contingency Expenditures	\$119,581	\$55,907	\$24,599	\$29,622	\$229,709
Total Project Budget	\$3,513,407	\$1,641,442	\$771,153	\$920,532	\$6,846,534
Maximum Total Facilities Grant ⁴	\$2,604,461	\$1,259,813	\$566,185	\$678,671	\$5,109,130

¹ Does not include owner's or construction contingencies.

² Scope exclusions/ineligible costs include consultant costs in excess of the 20% soft cost cap at the South End Middle School and the Springfield Public Day High School. At the Springfield High School of Science and Technology, scope exclusions/ineligible costs include consultant and construction costs for the replacement of the swimming pool roof.

³ Does not include any grant funds for potentially eligible owner's or construction contingency expenditures; subject to MSBA review, approval, and audit.

⁴ Includes maximum possible owner's and construction contingency grant funds, the final amount of which, if any, shall be determined by the MSBA in its sole discretion. 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 a combined Estimated Maximum Total Facilities Grant of \$4,879,422 for the four roof projects; however, the District may be eligible for up to an additional \$229,709 in grant funds, subject to the MSBA's review, approval, and audit of the District's owner's and construction contingency expenditures. Accordingly, staff recommends a combined total Maximum Total Facilities Grant of \$5,109,130 for the Project Funding Agreements for roof replacement projects at the Springfield High School of Science and Technology, the Margaret C. Ells School, the South End Middle School, and the Springfield Public Day High School.