District:	Shawsheen Valley Regional Vocational Technical School District
School Name:	Shawsheen Valley Vocational Technical High School
Recommended Category:	Project Funding Agreement
Date:	November 7, 2012

Recommendation

That the Executive Director be authorized to enter into a Project Funding Agreement with the Shawsheen Valley Regional Vocational Technical School District for a boiler and related systems replacement project at the Shawsheen Valley Vocational Technical High School.

District Info	
District Name	Shawsheen Valley Regional Vocational Technical School District
Elementary School(s)	N/A
Middle School(s)	N/A
High School(s)	Shawsheen Valley Vocational Technical High School
Priority School Name	Shawsheen Valley Vocational Technical High School
Type of School	High School
Grades Served	9-12
Year Opened	1971
Existing Square Footage	275,000
Additions	1974
Building Issues	Boiler
2011-2012 Enrollment	1,346

MSBA Votes	
Invitation to Feasibility Study	March 28, 2012
Project Funding Agreement Authorization	On November 14, 2012 Board agenda
Reimbursement Rate	52.06%

Consultants	
Owner's Project Manager	Diversified Project Management, Inc.
Designer	Shekar & Associates, Inc.

Discussion

The OPM and Designer conducted a feasibility analysis of the facility and developed a schematic design including a proposed scope of work, schedule, and estimated budget. The District's Designer, Shekar & Associates, Inc., recommends replacing the two existing gas boilers, which have exceeded their anticipated operational life, with three new, high efficiency condensing boilers. Additionally, the Designer recommends the replacement of other related systems including: five heating pumps, two expansion tanks, primary and secondary loop, acid neutralizing tanks, stainless steel venting, PVC

combustion intake, and piping distribution. The Designer confirmed that the boilers will be in compliance with the MSBA's sustainability requirements.

MSBA staff reviewed the consultants' existing conditions analysis and proposed schedule and discussed the scope and budget with the District and its consultants. The District provided a Total Project Budget of $1,003,429 which includes a construction cost of $805,423. Construction costs include:

- $743,445 for demolition and replacement of the boiler and related systems;
- $38,740 for electrical upgrades; and
- $23,238 for plumbing.

Project Funding Agreement	
Enrollment: 1,346 Total Square Feet: 275,000	District's Proposed Project Budget
Project Budget[1]	$955,647
Scope Exclusions/Ineligible Costs	$0
Estimated Basis of Total Facilities Grant	$955,647
Reimbursement Rate	52.06%
Estimated Maximum Total Facilities Grant[2]	$497,510
Potentially eligible owner's and construction contingencies	$43,276
Potential additional grant funds for eligible owner's and construction contingency expenditures	$22,529
Total Project Budget	$1,003,429
Maximum Total Facilities Grant[3]	$520,039

[1] *Does not include owner's or construction contingencies.*
[2] *Does not include any grant funds for potentially eligible owner's or construction contingency expenditures; subject to MSBA review and audit.*
[3] *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 an estimated maximum Total Facilities Grant of $497,510; however, the District may be eligible for up to an additional $22,529 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 $520,039 for the Project Funding Agreement for a boiler and related systems replacement project at the Shawsheen Valley Vocational Technical High School.