District:	Canton
School Names:	Canton High School Rodman Early Childhood Center
Recommended Category:	Project Funding Agreement Green Repair Program
Date:	June 8, 2011

Recommendation

That the Executive Director be authorized to enter into a Project Funding Agreement with the Town of Canton to replace the roofs at Canton High School and at Rodman Early Childhood Center.

District Info	
District Name:	Canton
Elementary Schools:	4 – Dean S. Luce School John F. Kennedy School Lt. Peter M. Hansen School Rodman Early Childhood Center
Middle Schools:	1 – Wm H. Galvin Middle School
High Schools:	1 – Canton High School

School Info		
School Name:	Canton High School	Rodman Early Childhood Center
Type of School:	High School	Pre-Kindergarten
Grades Served:	9-12	PK
Year Opened:	1959	1949
Total Building Square Footage:	247,803	52,118
Building Issues:	Interior damage, energy efficiency low	Aging, faulty roof, energy efficiency low
2010-2011 Enrollment:	856	78

MSBA Votes	
Invited into Green Repair:	November 17, 2010
Project Funding Agreement Authorization:	June 8, 2011

Consultants	
Owner's Project Manager:	Maguire Group
Designer:	Russo Barr Associates, 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, Russo Barr Associates, Inc., recommends completely removing the roof down to the roof decking and replacing it with a PVC single ply membrane roof system. The Designer has confirmed that the roof will be in compliance with the Green Repair Program sustainability requirements.

MSBA staff reviewed the consultants' existing conditions analysis and proposed schedule provided by the District and have discussed the scope and budget with the District and its consultants. For Canton High School, the District has provided a total project budget of $387,844 which includes a construction cost of $340,954. Construction costs include $7.50/sf for roof replacement and associated costs of $51,182 for roof deck repair and above the roof line repair of masonry and thru-flashing. The basis of the Total Facilities Grant would be $387,611. For Rodman Early Childhood Center, the District has provided a total project budget of $253,156 which includes a construction cost of $221,730. Construction costs include $8.13/sf for roof replacement and associated costs of $34,121 for roof deck repair and above the roof line repair of masonry and thru-flashing. The basis of the Total Facilities Grant would be $253,156. The project budget breakdown is shown in the tables below:

School Name:	Canton High School	Rodman Early Childhood Center	TOTAL
Project Scope:	Roof: 37,400 sf	Roof: 21,950 sf	
Total Project Budget:	$387,844	$253,156	$641,000
Total Construction Budget*:	$340,954	$221,730	$562,684
Total Project Exclusions**:	$233	$0	$233
Basis of Total Facilities Grant:	$387,611	$253,156	$640,817
Reimbursement Rate:	43.00%	43.00%	43.00%
Maximum Total Facilities Grant:	$166,673	$108,857	$275,530

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

MSBA staff recommends a maximum total facilities grant for each project in the amount set forth in the chart above, for a maximum Total Facilities Grant of $275,530 for the Project Funding Agreement for the Town of Canton. These amounts are subject to adjustment based on the MSBA's audit of project costs incurred by the District.