District:	Dartmouth
School Name:	James M. Quinn Elementary School
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 Dartmouth to repair the roof at the James M. Quinn Elementary School.

District Info	
District Name:	Dartmouth
Elementary Schools:	4 – Andrew B. Cushman ES George H. Potter ES James M. Quinn ES Joseph Demello ES
Middle Schools:	1 – Dartmouth MS
High Schools:	1 – Dartmouth HS

School Info	
School Name:	James M. Quinn Elementary School
Type of School:	Elementary School
Grades Served:	K-5
Year Opened:	1969
Total Building Square Footage:	121,923
Building Issues:	Roof system is beyond useful life
2010-2011 Enrollment:	826

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

Consultants	
Owner's Project Manager:	Vertex Construction Services, Inc.
Designer:	Russo Barr Associates

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, Russo Barr Associates, recommends the installation of a "go-over" PVC single-ply roof membrane onto the existing EPDM membrane. The Designer

has confirmed that the installed roof system 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. The District has provided a total project budget of $1,379,264 for the James M. Quinn Elementary School which includes an estimated final construction cost of $1,164,980. Construction costs include $10.83/sf for the roof "go-over" system and associated costs of $188,490 for roof deck repair, above roof line masonry, skylight replacement, and rooftop exhaust fans. The basis of the Total Facilities Grant would be $1,358,619 for the James M. Quinn Elementary School. The project budget breakdown is shown in the table below:

School Name:	James M. Quinn Elementary School
Project Scope:	Roof (89,925 sf) Repair
Total Project Budget:	$1,379,264
Total Construction Budget*:	$1,164,980
Scope Exclusions/Ineligible Costs**:	$20,645
Basis of Total Facilities Grant**:	$1,358,619
Reimbursement Rate:	47.64%
Maximum Total Facilities Grant:	$647,246

* 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 of $647,246 for the Project Funding Agreement for the roof repair project at the James M. Quinn Elementary School in the Town of Dartmouth. This amount is subject to adjustment based on the MSBA's audit of project costs incurred by the District.