

HVAC (Mechanical Systems) Replacement: MCPS (P816633)

Category: Montgomery County Public Schools
 Sub Category: Countywide
 Administering Agency: Public Schools (AAGE18)
 Planning Area: Countywide

Date Last Modified: 11/17/14
 Required Adequate Public Facility: No
 Relocation Impact: None
 Status: Ongoing

	Total	Thru FY15	Est FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
EXPENDITURE SCHEDULE (\$000s)											
Planning, Design and Supervision	43,600	13,100	4,100	26,400	6,000	6,000	3,600	3,600	3,600	3,600	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	175,367	57,867	11,900	105,600	24,000	24,000	14,400	14,400	14,400	14,400	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	218,967	70,967	16,000	132,000	30,000	30,000	18,000	18,000	18,000	18,000	0

FUNDING SCHEDULE (\$000s)											
G.O. Bonds	191,158	47,122	12,036	132,000	30,000	30,000	18,000	18,000	18,000	18,000	0
State Aid	27,809	23,845	3,964	0	0	0	0	0	0	0	0
Total	218,967	70,967	16,000	132,000	30,000	30,000	18,000	18,000	18,000	18,000	0

APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 17	30,000
Appropriation Request Est.	FY 18	30,000
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		86,967
Expenditure / Encumbrances		70,967
Unencumbered Balance		16,000

Date First Appropriation	FY 81	
First Cost Estimate		
Current Scope	FY 96	16,388
Last FY's Cost Estimate		150,076
Partial Closeout Thru		89,303
New Partial Closeout		13,907
Total Partial Closeout		103,210

Description

This project provides for the systematic replacement of heating, ventilating, air conditioning, automated temperature controls, and plumbing systems for MCPS facilities. This replacement approach is based on indoor environmental quality (IEQ), energy performance, maintenance data, and the revitalization/expansion schedule. Qualifying systems and/or components are selected based on the above criteria and are prioritized within the CIP through a rating system formula. MCPS is participating in interagency planning and review to share successful and cost effective approaches. For projects on the revitalization/expansion schedule, the scope is reduced to the minimum necessary to maintain the operation of the existing mechanical system. Any new equipment installations will be salvaged at the time of the revitalization/expansion project and will be re-used. The County Council, in the adopted FY 2013-2018 CIP, significantly reduced the expenditures requested by the Board of Education for this project for FY 2014 and beyond. An FY 2014 appropriation and amendment to the FY 2013-2018 CIP was requested to provide an additional \$11.46 million above the adopted CIP to reinstate funds that were removed by the County Council during reconciliation in May 2012. However, the County Council, in the adopted FY 2013-2018 Amended CIP, approved only \$3.82 million of the \$11.46 million requested by the Board. Due to fiscal constraints, the County Council adopted FY 2015-2020 CIP reduced the FY 2016 expenditures requested by the Board of Education from \$28 million to \$16 million, but increased the outyears by a total of \$8 million (\$2 million in FYs 2017-2020). An FY 2015 appropriation was approved for mechanical systems upgrades and/or replacements at 3 high schools, 3 middle schools, and 11 elementary schools. An FY 2016 appropriation was approved for mechanical systems upgrades and/or replacements at Quince Orchard (Phase II) and Damascus (Phase III) high schools; Shady Grove (Phase II) Middle School; and Beall, Burning Tree, Captain Daly, Highland, and Rolling Terrace elementary schools. An FY 2017 appropriation is requested for mechanical systems upgrades and/or replacements at Damascus HS (Phase III); John T. Baker (Phase I) and Silver Spring International middle schools; and Greencastle, Olney, Greenwood, Jones Lane, Stone Mill, Brooke Grove, Clearspring, Laytonsville, New Hampshire Estates, Sligo Creek, and Whetstone elementary schools.

Disclosures

Expenditures will continue indefinitely.

Public Schools (A18) asserts that this project conforms to the requirements of relevant local plans, as required by the Maryland Economic Growth, Resource Protection and Planning Act.

Coordination

CIP Master Plan for School Facilities