

# 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: 5/18/17  
 Required Adequate Public Facility: No  
 Relocation Impact: None  
 Status: Ongoing

	Total	Thru FY16	Rem FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
<b>EXPENDITURE SCHEDULE (\$000s)</b>											
Planning, Design and Supervision	36,700	5,100	2,100	29,500	5,000	3,000	3,000	6,000	6,000	6,500	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	165,232	34,060	7,672	123,500	23,000	15,000	15,000	22,500	22,000	26,000	0
Other	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>201,932</b>	<b>39,160</b>	<b>9,772</b>	<b>153,000</b>	<b>28,000</b>	<b>18,000</b>	<b>18,000</b>	<b>28,500</b>	<b>28,000</b>	<b>32,500</b>	<b>0</b>

	Total	Thru FY16	Rem FY16	Total 6 Years	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	Beyond 6 Yrs
<b>FUNDING SCHEDULE (\$000s)</b>											
Current Revenue: General	1,000	0	0	1,000	1,000	0	0	0	0	0	0
G.O. Bonds	183,434	39,160	250	144,024	21,585	15,439	18,000	28,500	28,000	32,500	0
State Aid	17,498	0	9,522	7,976	5,415	2,561	0	0	0	0	0
<b>Total</b>	<b>201,932</b>	<b>39,160</b>	<b>9,772</b>	<b>153,000</b>	<b>28,000</b>	<b>18,000</b>	<b>18,000</b>	<b>28,500</b>	<b>28,000</b>	<b>32,500</b>	<b>0</b>

### APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 18	18,000
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		76,932
Expenditure / Encumbrances		39,160
Unencumbered Balance		37,772

Date First Appropriation	FY 81
First Cost Estimate	
Current Scope	FY 96
Last FY's Cost Estimate	16,388

### 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 was approved, but was \$3 million less than the Board of Education's request. The funds will be used for mechanical systems upgrades and/or replacements at 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, and Sligo Creek elementary schools. An FY 2018 appropriation was approved for mechanical systems upgrades and/or replacements at John T. Baker (Phase II), Briggs Chaney (Phase I), and Silver Spring International middle schools; and Jones Lane, Lois P. Rockwell, and Stone Mill 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