

# 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 FY14	Rem FY14	Total 6 Years	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	Beyond 6 Yrs
--	-------	-----------	----------	---------------	-------	-------	-------	-------	-------	-------	--------------

### EXPENDITURE SCHEDULE (\$000s)

	Total	Thru FY14	Rem FY14	Total 6 Years	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	Beyond 6 Yrs
Planning, Design and Supervision	27,200	5,900	2,000	19,300	5,200	4,100	2,500	2,500	2,500	2,500	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	107,767	28,287	6,780	72,700	22,800	11,900	9,500	9,500	9,500	9,500	0
Other	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>134,967</b>	<b>34,187</b>	<b>8,780</b>	<b>92,000</b>	<b>28,000</b>	<b>16,000</b>	<b>12,000</b>	<b>12,000</b>	<b>12,000</b>	<b>12,000</b>	<b>0</b>

### FUNDING SCHEDULE (\$000s)

	Total	Thru FY14	Rem FY14	Total 6 Years	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	Beyond 6 Yrs
G.O. Bonds	107,158	22,083	4,684	80,391	20,355	12,036	12,000	12,000	12,000	12,000	0
State Aid	27,809	12,104	4,096	11,609	7,645	3,964	0	0	0	0	0
<b>Total</b>	<b>134,967</b>	<b>34,187</b>	<b>8,780</b>	<b>92,000</b>	<b>28,000</b>	<b>16,000</b>	<b>12,000</b>	<b>12,000</b>	<b>12,000</b>	<b>12,000</b>	<b>0</b>

### APPROPRIATION AND EXPENDITURE DATA (000s)

Appropriation Request	FY 16	16,000
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		70,967
Expenditure / Encumbrances		34,187
Unencumbered Balance		36,780

Date First Appropriation	FY 81	
First Cost Estimate		
Current Scope	FY 96	16,388
Last FY's Cost Estimate		150,076
Partial Closeout Thru		75,396
New Partial Closeout		13,907
Total Partial Closeout		89,303

## 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 modernization 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.

An FY 2012 appropriation and amendment to the FY 2011-2016 CIP was approved to provide an additional \$6.52 million above the adopted CIP to reinstate funds that were removed by the County Council during reconciliation in May 2010. An FY 2013 appropriation was approved for mechanical systems upgrades and/or replacements at Damascus and Col. Zadok Magruder high schools, Neelesville Middle School, and Takoma Park, Waters Landing, Cold Spring, Rosemary Hills, Rachel Carson, Washington Grove, Bannockburn, Westbrook, East Silver Spring, and Piney Branch elementary schools. 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 Damascus, Quince Orchard, and Watkins Mill high schools; Thomas Pyle, Shady Grove, and Silver Spring International middle schools; and Woodfield, Goshen, Whetsone, Summit Hall, S. Christa McAuliffe, Lake Seneca, Sligo Creek, Brooke Grove, Clearspring, Laytonsville, and New Hampshire Estates 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.

## 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