

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: 5/3/13
 Required Adequate Public Facility: No
 Relocation Impact: None
 Status: Ongoing

| | Total | Thru FY12 | Rem FY12 | Total 6 Years | FY 13 | FY 14 | FY 15 | FY 16 | FY 17 | FY 18 | Beyond 6 Yrs |
|--------------------------------------|---------------|---------------|---------------|------------------|---------------|---------------|--------------|--------------|--------------|--------------|-----------------|
| EXPENDITURE SCHEDULE (\$000s) | | | | | | | | | | | |
| Planning, Design and Supervision | 13,800 | 0 | 1,500 | 12,300 | 4,400 | 2,000 | 1,600 | 2,100 | 600 | 1,600 | 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 | 83,785 | 24,429 | 13,136 | 46,220 | 17,600 | 8,360 | 5,440 | 6,940 | 2,940 | 4,940 | 0 |
| Other | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 97,585 | 24,429 | 14,636 | 58,520 | 22,000 | 10,360 | 7,040 | 9,040 | 3,540 | 6,540 | 0 |

| | | | | | | | | | | | |
|----------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|--------------|--------------|--------------|----------|
| FUNDING SCHEDULE (\$000s) | | | | | | | | | | | |
| G.O. Bonds | 79,081 | 24,429 | 8,340 | 46,312 | 15,468 | 4,684 | 7,040 | 9,040 | 3,540 | 6,540 | 0 |
| State Aid | 18,504 | 0 | 6,296 | 12,208 | 6,532 | 5,676 | 0 | 0 | 0 | 0 | 0 |
| Total | 97,585 | 24,429 | 14,636 | 58,520 | 22,000 | 10,360 | 7,040 | 9,040 | 3,540 | 6,540 | 0 |

APPROPRIATION AND EXPENDITURE DATA (000s)

| | | |
|------------------------------------|-------|--------|
| Appropriation Request | FY 14 | 10,360 |
| Supplemental Appropriation Request | | 0 |
| Transfer | | 0 |
| Cumulative Appropriation | | 61,065 |
| Expenditure / Encumbrances | | 24,429 |
| Unencumbered Balance | | 36,636 |

| | |
|--------------------------|--------|
| Date First Appropriation | FY 81 |
| First Cost Estimate | |
| Current Scope | FY 96 |
| Last FY's Cost Estimate | 16,388 |
| Partial Closeout Thru | 72,707 |
| New Partial Closeout | 61,163 |
| Total Partial Closeout | 7,118 |
| | 68,281 |

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.

An FY 2010 appropriation and amendment to the FY 2009-2014 CIP was approved to provide an additional \$4.4 million beyond the \$5.6 million in the adopted CIP for this systemic project. The additional funding will begin to address the assessed backlog of HVAC projects that are vital to the successful operation of our school facilities. An FY 2011 appropriation was requested for mechanical systems upgrades and/or replacements at the following schools: Belmont, Cedar Grove, Clopper Mill, Dufief, Gaithersburg, Maryvale, and Wyngate elementary schools; Eastern, Banneker, and Silver Spring International middle schools; Montgomery Blair, Col. Zadok Magruder, Poolesville, and Wheaton/Edison high schools; and Northlake holding facility. However, due to fiscal constraints, the County Council's adopted FY 2011-2016 CIP reduced the expenditures, as requested in the Board of Education's FY 2011-2016 CIP in FYs 2012-2016 by approximately \$45 million. The title of this PDF has been changed to more accurately reflect the work accomplished through this project. 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.

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