

HVAC (Mechanical Systems) Replacement: MCPS -- No. 816633

Category **Montgomery County Public Schools**
 Subcategory **Countywide**
 Administering Agency **Public Schools**
 Planning Area **Countywide**

Date Last Modified **May 23, 2012**
 Required Adequate Public Facility **No**
 Relocation Impact **None**
 Status **On-going**

EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY11	Est. FY12	Total 6 Years	FY13	FY14	FY15	FY16	FY17	FY18	Beyond 6 Years
Planning, Design, and Supervision	13,900	0	1,500	12,400	4,400	1,600	1,600	1,600	1,600	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	82,215	26,415	13,500	42,300	17,600	4,940	4,940	4,940	4,940	4,940	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	96,115	26,415	15,000	54,700	22,000	6,540	6,540	6,540	6,540	6,540	*

FUNDING SCHEDULE (\$000)

G.O. Bonds	82,190	25,682	8,340	48,168	15,468	6,540	6,540	6,540	6,540	6,540	0
State Aid	13,925	733	6,660	6,532	6,532	0	0	0	0	0	0
Total	96,115	26,415	15,000	54,700	22,000	6,540	6,540	6,540	6,540	6,540	0

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 2007 appropriation was approved to continue this project. Expenditures shown in the adopted FY 2007-2012 CIP for this project have increased in order to address the backlog of HVAC projects, as well as the rise in construction costs. An FY 2007 Special Appropriation in the amount of \$160,000 was approved in this project as a result of federal funding, issued by the state, through the Qualified Zone Academy Bond (QZAB) program. An FY 2008 appropriation was approved to continue this level of effort project. An FY 2009 appropriation is requested to continue this level of effort project. An FY 2009 special appropriation of \$252,000 and an FY 2009 transfer of \$523,000 was approved by the County Council on January 27, 2009 for emergency repair work at five schools.

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.

OTHER DISCLOSURES

- MCPS asserts that this project conforms to the requirements of relevant local plans, as required by the Maryland Economic Growth, Resource Protection and Planning Act.
- * Expenditures will continue indefinitely.

<h4 style="margin: 0;">APPROPRIATION AND EXPENDITURE DATA</h4> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Date First Appropriation</td> <td style="text-align: center;">FY81</td> <td style="text-align: right;">(\$000)</td> </tr> <tr> <td>First Cost Estimate</td> <td style="text-align: center;">FY96</td> <td style="text-align: right;">16,388</td> </tr> <tr> <td>Current Scope</td> <td></td> <td></td> </tr> <tr> <td>Last FY's Cost Estimate</td> <td></td> <td style="text-align: right;">72,707</td> </tr> <tr> <td colspan="3"> </td> </tr> <tr> <td>Appropriation Request</td> <td style="text-align: center;">FY13</td> <td style="text-align: right;">22,000</td> </tr> <tr> <td>Appropriation Request Est.</td> <td style="text-align: center;">FY14</td> <td style="text-align: right;">6,540</td> </tr> <tr> <td>Supplemental Appropriation Request</td> <td></td> <td style="text-align: right;">0</td> </tr> <tr> <td>Transfer</td> <td></td> <td style="text-align: right;">0</td> </tr> <tr> <td colspan="3"> </td> </tr> <tr> <td>Cumulative Appropriation</td> <td></td> <td style="text-align: right;">41,415</td> </tr> <tr> <td>Expenditures / Encumbrances</td> <td></td> <td style="text-align: right;">39,145</td> </tr> <tr> <td>Unencumbered Balance</td> <td></td> <td style="text-align: right;">2,270</td> </tr> <tr> <td colspan="3"> </td> </tr> <tr> <td>Partial Closeout Thru</td> <td style="text-align: center;">FY10</td> <td style="text-align: right;">56,031</td> </tr> <tr> <td>New Partial Closeout</td> <td style="text-align: center;">FY11</td> <td style="text-align: right;">5,132</td> </tr> <tr> <td>Total Partial Closeout</td> <td></td> <td style="text-align: right;">61,163</td> </tr> </table>	Date First Appropriation	FY81	(\$000)	First Cost Estimate	FY96	16,388	Current Scope			Last FY's Cost Estimate		72,707				Appropriation Request	FY13	22,000	Appropriation Request Est.	FY14	6,540	Supplemental Appropriation Request		0	Transfer		0				Cumulative Appropriation		41,415	Expenditures / Encumbrances		39,145	Unencumbered Balance		2,270				Partial Closeout Thru	FY10	56,031	New Partial Closeout	FY11	5,132	Total Partial Closeout		61,163	<h4 style="margin: 0;">COORDINATION</h4> <p style="margin: 0;">CIP Master Plan for School Facilities</p>	<h4 style="margin: 0;">MAP</h4>
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