



HVAC (Mechanical Systems) Replacement: MCPS (P816633)

Category	Montgomery County Public Schools	Date Last Modified	05/17/18
SubCategory	Countywide	Administering Agency	Public Schools
Planning Area	Countywide	Status	Ongoing

EXPENDITURE SCHEDULE (\$000s)

Cost Elements	Total	Thru FY17	Est FY18	Total 6 Years	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Beyond 6 Years
Planning, Design and Supervision	23,800	-	3,000	20,800	5,500	5,000	1,800	2,500	3,000	3,000	-
Construction	151,829	54,629	15,000	82,200	20,500	20,000	8,200	9,500	12,000	12,000	-
TOTAL EXPENDITURES	175,629	54,629	18,000	103,000	26,000	25,000	10,000	12,000	15,000	15,000	-

FUNDING SCHEDULE (\$000s)

Funding Source	Total	Thru FY17	Est FY18	Total 6 Years	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24	Beyond 6 Years
G.O. Bonds	168,466	54,629	15,439	98,398	21,398	25,000	10,000	12,000	15,000	15,000	-
State Aid	7,163	-	2,561	4,602	4,602	-	-	-	-	-	-
TOTAL FUNDING SOURCES	175,629	54,629	18,000	103,000	26,000	25,000	10,000	12,000	15,000	15,000	-

APPROPRIATION AND EXPENDITURE DATA (\$000s)

Appropriation FY 19 Request	26,000	Year First Appropriation	FY81
Appropriation FY 20 Request	25,000	Last FY's Cost Estimate	201,932
Cumulative Appropriation	72,629	Partial Closeout Thru FY17	-
Expenditure / Encumbrances	67,160	New Partial Closeout	22,303
Unencumbered Balance	5,469	Total Partial Closeout	22,303

PROJECT 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. 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. An FY 2019 appropriation was requested for mechanical systems upgrades and/or replacements for Ashburton, Bethesda, Burtonsville, Flower Hill, Forest Knolls, Highland View, Monocacy, Oakland Terrace, and Sequoyah elementary schools; Briggs Chaney and White Oak middle schools; and, Quince Orchard and Walt Whitman high schools. However, due to fiscal constraints, the County Council reduced the FY 2019 appropriation by \$4 million. Therefore, the list shown above will be aligned with the approved funding level for FY 2019. The Indoor Air Quality and Energy Conservation projects are now merged with this project to better reflect the coordination of work performed. The workyears reflected in this project are from that merger.

OTHER

Master Plan for School Facilities, Department of Environmental Protection, Department of Health and Human Services, American Lung Association, County Government, Interagency Committee--Energy and Utilities Management, MCPS Resource Conservation Plan, County Code 8-14a

FY 2019 -- Salaries and Wages: \$440K, Fringe Benefits: \$197K, Workyears: 5 FY2020-2024 -- Salaries and Wages: \$2.2M, Fringe Benefits: \$985K, Workyears: 25

DISCLOSURES

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