



HVAC (Mechanical Systems) Replacement: MCPS (P816633)

Category	Montgomery County Public Schools	Date Last Modified	05/23/23
SubCategory	Countywide	Administering Agency	Public Schools
Planning Area	Countywide	Status	Ongoing

EXPENDITURE SCHEDULE (\$000s)

Cost Elements	Total	Thru FY22	Rem FY22	Total 6 Years	FY 23	FY 24	FY 25	FY 26	FY 27	FY 28	Beyond 6 Years
Planning, Design and Supervision	40,800	12,650	6,450	21,700	3,200	5,700	3,500	3,100	3,100	3,100	-
Construction	196,721	75,279	13,642	107,800	16,800	29,300	15,500	15,400	15,400	15,400	-
Other	3,000	-	3,000	-	-	-	-	-	-	-	-
TOTAL EXPENDITURES	240,521	87,929	23,092	129,500	20,000	35,000	19,000	18,500	18,500	18,500	-

FUNDING SCHEDULE (\$000s)

Funding Source	Total	Thru FY22	Rem FY22	Total 6 Years	FY 23	FY 24	FY 25	FY 26	FY 27	FY 28	Beyond 6 Years
G.O. Bonds	165,793	78,127	11,489	76,177	9,000	19,527	12,250	11,800	11,800	11,800	-
Recordation Tax	3,000	3,000	-	-	-	-	-	-	-	-	-
State Aid	71,728	6,802	11,603	53,323	11,000	15,473	6,750	6,700	6,700	6,700	-
TOTAL FUNDING SOURCES	240,521	87,929	23,092	129,500	20,000	35,000	19,000	18,500	18,500	18,500	-

APPROPRIATION AND EXPENDITURE DATA (\$000s)

Appropriation FY 24 Request	10,000	Year First Appropriation	FY81
Cumulative Appropriation	156,021	Last FY's Cost Estimate	245,219
Expenditure / Encumbrances	-	Partial Closeout Thru FY22	64,581
Unencumbered Balance	156,021	New Partial Closeout	-
		Total Partial Closeout	64,581

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, and maintenance data. 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. The Indoor Air Quality and Energy Conservation projects are now merged with this project to better reflect the coordination of work performed. The work-years reflected in this project are from that merger. An FY 2021 appropriation was requested for mechanical systems upgrades and/or replacements for Clarksburg, Brookhaven, Meadow Hall, and Ronald McNair elementary schools and the fourth phase of Quince Orchard High School. However, due to fiscal constraints, the County Council reduced the FY2021 appropriation by \$9 million less than the Board of Education's request. Therefore, the list shown above will be

aligned with the approved funding level for FY2021. An FY 2022 appropriation and amendment to the FY2021-2026 CIP was approved to reinstate expenditures in FY 2022 that were removed as part of the adopted FY2021-2026 CIP. In addition, the Board of Education's requested amended CIP included the FY 2021 supplemental appropriation of \$3.0 million to address Covid-19 related indoor air quality and HVAC enhancements, that was approved by the County Council. The approved FY 2022 appropriation and amendment will address mechanical system upgrades and/or replacements of schools systemwide. An FY 2023 appropriation was approved for mechanical systems upgrades and/or replacements at various schools throughout the county. However, the County Council, in the adopted FY2023-2028 CIP decreased expenditures in FY2023, therefore, the number of projects to be completed will be reduced to align with the approved expenditures. Implementation of this program will also be based on implications of construction cost increases and supply chain interruptions. An FY 2024 appropriation and amendment to the FY 2023-2028 CIP was requested to address the backlog of HVAC projects and provide additional funding due to the impact on construction costs as a result of the COVID-19 pandemic. An FY2023 supplemental appropriation of \$25 million was approved to accelerate a portion of the FY2024 request to be able to order materials earlier due to supply chain interruptions.

COST CHANGE

Cost of the project went down as a result of FY21 & FY22 State Aid reversions for \$14.698 million under the Rem FY22 column. Includes approved cost increase for \$10 million.

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 2023 -- Salaries and Wages: \$253K, Fringe Benefits: \$107K, Workyears: 3 FY2024-2028 -- Salaries and Wages: \$1.3M, Fringe Benefits: \$567K, Workyears: 15

FISCAL NOTE

Reflects MCPS correction for funding allocations prior to FY19. FY20 supplemental in State Aid for \$367,850 from the Maryland's Healthy Schools Facility Fund. FY21 supplemental in Recordation Tax for the amount of \$3,000,000 to enhance the HVAC systems and improve indoor air quality to support COVID-19 recovery planning. FY23 State Aid award for \$19.250 million for multiple years. FY23 supplemental in G.O. Bonds and State Aid for the amount of \$25,000,000 to accelerate FY24 appropriation. The cost of the project and cumulative appropriation were reduced by \$14.698 million due to FY21 & FY22 reversions. Additional reversions from FY23 had no impact in the cost of the project.

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.