



# EOB HVAC Renovation

(P361103)

Category	General Government	Date Last Modified	01/09/20
SubCategory	County Offices and Other Improvements	Administering Agency	General Services
Planning Area	Rockville	Status	Planning Stage

## EXPENDITURE SCHEDULE (\$000s)

Cost Elements	Total	Thru FY19	Est FY20	Total 6 Years	FY 21	FY 22	FY 23	FY 24	FY 25	FY 26	Beyond 6 Years
Planning, Design and Supervision	800	-	-	800	-	-	800	-	-	-	-
Construction	6,800	-	-	6,800	-	-	6,800	-	-	-	-
Other	400	-	400	-	-	-	-	-	-	-	-
<b>TOTAL EXPENDITURES</b>	<b>8,000</b>	<b>-</b>	<b>400</b>	<b>7,600</b>	<b>-</b>	<b>-</b>	<b>7,600</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>

## FUNDING SCHEDULE (\$000s)

Funding Source	Total	Thru FY19	Est FY20	Total 6 Years	FY 21	FY 22	FY 23	FY 24	FY 25	FY 26	Beyond 6 Years
G.O. Bonds	8,000	-	400	7,600	-	-	7,600	-	-	-	-
<b>TOTAL FUNDING SOURCES</b>	<b>8,000</b>	<b>-</b>	<b>400</b>	<b>7,600</b>	<b>-</b>	<b>-</b>	<b>7,600</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>

## APPROPRIATION AND EXPENDITURE DATA (\$000s)

Appropriation FY 21 Request	-	Year First Appropriation	FY20
Appropriation FY 22 Request	-	Last FY's Cost Estimate	8,000
Cumulative Appropriation	2,000		
Expenditure / Encumbrances	-		
Unencumbered Balance	2,000		

## PROJECT DESCRIPTION

This project provides for the procurement and partial compensation of an Energy Service Company (ESCO) to replace the outdated and energy-inefficient HVAC systems in the Executive Office Building (EOB) located at 101 Monroe Street, Rockville, Maryland. The ESCO analyzes, designs, and constructs the energy-efficient Heating Ventilation, and Air Conditioning (HVAC) replacement systems. In return, the ESCO receives a portion of the saved energy costs in addition to direct compensation.

## LOCATION

101 Monroe St. Rockville, Maryland.

## ESTIMATED SCHEDULE

A comprehensive study to explore options for ESCO and renovation work at the EOB is scheduled to occur in FY20. The results of

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this study, expected in FY21, will determine the project's final scope, schedule, and cost.

## PROJECT JUSTIFICATION

The EOB was built in 1979, and its HVAC system is over 40 years old. In 2006, the Department of General Services hired a consultant (URS Inc.) to conduct a condition assessment study to identify the condition of the HVAC system. The outcome of this study indicated that all equipment and components have reached the end of their economic life expectancy. Moreover, the existing all electric heating system is highly inefficient and is costly to operate. The consultant study recommended that the entire HVAC system be redesigned with state-of-the-art technology, highly-efficient equipment, and be replaced in its entirety. The ESCO approach to this project saves the County considerable upfront costs.

## COORDINATION

Department of General Services, City of Rockville, Offices of the County Executive, Department of Technology Services, Department of Finance, Montgomery County Fire and Rescue Service, Department of Human Resources, Office of Management and Budget, Department of Transportation, Washington Gas, WSSC, and PEPCO.

