



# EOB HVAC Renovation

(P361103)

Category	General Government	Date Last Modified	05/17/18
SubCategory	County Offices and Other Improvements	Administering Agency	General Services
Planning Area	Rockville	Status	Planning Stage

## 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	200	-	-	200	-	100	100	-	-	-	-
Construction	7,800	-	-	7,800	-	900	6,900	-	-	-	-
<b>TOTAL EXPENDITURES</b>	<b>8,000</b>	<b>-</b>	<b>-</b>	<b>8,000</b>	<b>-</b>	<b>1,000</b>	<b>7,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>

## 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	8,000	-	-	8,000	-	1,000	7,000	-	-	-	-
<b>TOTAL FUNDING SOURCES</b>	<b>8,000</b>	<b>-</b>	<b>-</b>	<b>8,000</b>	<b>-</b>	<b>1,000</b>	<b>7,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>

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

Appropriation FY 19 Request	-	Year First Appropriation	
Appropriation FY 20 Request	2,000	Last FY's Cost Estimate	8,000
Cumulative Appropriation	-		
Expenditure / Encumbrances	-		
Unencumbered Balance	-		

## 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This project provides for the procurement and partial compensation of an Energy Service Company (ESCO) to replace the outdated and energy-inefficient HVAC systems in the Executive Office Building (EOB) located at 101 Monroe Street, Rockville, Maryland.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, MD

## ESTIMATED SCHEDULE

The ESCO analysis and design has been rescheduled to occur in FY20 with an agreement with the ESCO and construction occurring in FY20 and 21.

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## PROJECT JUSTIFICATION

The EOB was built in 1979, and its HVAC system is over 30 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, PEPCO