

# EOB HVAC Renovation (P361103)

Category General Government  
 Sub Category County Offices and Other Improvements  
 Administering Agency General Services (AAGE29)  
 Planning Area Rockville

Date Last Modified 11/17/14  
 Required Adequate Public Facility No  
 Relocation Impact None  
 Status Planning Stage

| Total | Thru FY14 | Rem FY14 | Total 6 Years | FY 15 | FY 16 | FY 17 | FY 18 | FY 19 | FY 20 | Beyond 6 Yrs |
|-------|-----------|----------|---------------|-------|-------|-------|-------|-------|-------|--------------|
|-------|-----------|----------|---------------|-------|-------|-------|-------|-------|-------|--------------|

### EXPENDITURE SCHEDULE (\$000s)

|                                  |              |          |          |              |          |          |          |              |              |          |
|----------------------------------|--------------|----------|----------|--------------|----------|----------|----------|--------------|--------------|----------|
| Planning, Design and Supervision | 0            | 0        | 0        | 0            | 0        | 0        | 0        | 0            | 0            | 0        |
| Land                             | 0            | 0        | 0        | 0            | 0        | 0        | 0        | 0            | 0            | 0        |
| Site Improvements and Utilities  | 0            | 0        | 0        | 0            | 0        | 0        | 0        | 0            | 0            | 0        |
| Construction                     | 8,000        | 0        | 0        | 8,000        | 0        | 0        | 0        | 6,000        | 2,000        | 0        |
| Other                            | 0            | 0        | 0        | 0            | 0        | 0        | 0        | 0            | 0            | 0        |
| <b>Total</b>                     | <b>8,000</b> | <b>0</b> | <b>0</b> | <b>8,000</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>6,000</b> | <b>2,000</b> | <b>0</b> |

### FUNDING SCHEDULE (\$000s)

|              |              |          |          |              |          |          |          |          |              |              |          |
|--------------|--------------|----------|----------|--------------|----------|----------|----------|----------|--------------|--------------|----------|
| G.O. Bonds   | 8,000        | 0        | 0        | 8,000        | 0        | 0        | 0        | 0        | 6,000        | 2,000        | 0        |
| <b>Total</b> | <b>8,000</b> | <b>0</b> | <b>0</b> | <b>8,000</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>6,000</b> | <b>2,000</b> | <b>0</b> |

### APPROPRIATION AND EXPENDITURE DATA (000s)

|                                    |       |        |
|------------------------------------|-------|--------|
| Appropriation Request              | FY 16 | -2,000 |
| Supplemental Appropriation Request |       | 0      |
| Transfer                           |       | 0      |
| Cumulative Appropriation           |       | 2,000  |
| Expenditure / Encumbrances         |       | 0      |
| Unencumbered Balance               |       | 2,000  |

|                          |             |
|--------------------------|-------------|
| Date First Appropriation | FY 15       |
| First Cost Estimate      |             |
| Current Scope            | FY 14 8,000 |
| Last FY's Cost Estimate  | 8,000       |

#### 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.

#### Estimated Schedule

The ESCO analysis and design has been rescheduled to occur in FY17 with an agreement with the ESCO and construction occurring in late FY19

#### 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.

#### Fiscal Note

Shift funding due to fiscal affordability.

#### 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