

Data Center Rehabilitation -- No. 500726

Category
Subcategory
Administering Agency
Planning Area

General Government
County Offices and Other Improvements
General Services
Rockville

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

May 19, 2011
No
None
Under Construction

EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY10	Rem. FY10	Total 6 Years	FY11	FY12	FY13	FY14	FY15	FY16	Beyond 6 Years
Planning, Design, and Supervision	453	384	69	0	0	0	0	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	5	0	5	0	0	0	0	0	0	0	0
Construction	2,469	2,717	-248	0	0	0	0	0	0	0	0
Other	433	0	433	0	0	0	0	0	0	0	0
Total	3,360	3,101	259	0	0	0	0	0	0	0	0

FUNDING SCHEDULE (\$000)

G.O. Bonds	3,360	3,101	259	0	0	0	0	0	0	0	0
Total	3,360	3,101	259	0	0	0	0	0	0	0	0

DESCRIPTION

This project provides for the design and rehabilitation of the existing Data Center on the 3rd floor of the Council Office Building. The Data Center serves as the County's main information technology server/system hosting site with over 350 servers from the Department of Technology Services and other County departments and as the main network connections center. This project will provide for required upgrades to mechanical and electrical systems in order to maintain the services and assure uninterrupted network operation.

COST CHANGE

Not applicable.

JUSTIFICATION

The existing electrical, HVAC, and fire protection systems serving the Data Center area are insufficient. Poor cooling system performance and an inadequate electrical system cause unsafe conditions as well as occasional system failure and shut down. The current overcrowded conditions in the Data Center contribute to ongoing problems including: poor cooling system performance; high temperature spots surrounding servers; and restricted access to equipment for service.

An evaluation and programming study of the Data Center was completed in November 2006.

OTHER DISCLOSURES

- A pedestrian impact analysis has been completed for this project.

APPROPRIATION AND EXPENDITURE DATA	COORDINATION	MAP												
<table border="1"> <tr> <td>Date First Appropriation</td> <td>FY07</td> <td>(\$000)</td> </tr> <tr> <td>First Cost Estimate</td> <td>FY07</td> <td>3,360</td> </tr> <tr> <td>Current Scope</td> <td></td> <td></td> </tr> <tr> <td>Last FY's Cost Estimate</td> <td></td> <td>3,360</td> </tr> </table>	Date First Appropriation	FY07	(\$000)	First Cost Estimate	FY07	3,360	Current Scope			Last FY's Cost Estimate		3,360	Department of General Services Department of Technology Services PEPCO	See Map on Next Page
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