Davis Library Renovation -- No. 710703

Category	Culture and Recreation	Date Last Modified	January 09, 2008
Subcategory	Libraries	Required Adequate Public Facility	No
Administering Agency	Public Works & Transportation	Relocation Impact	None.
Planning Area	Bethesda-Chevy Chase	Status	Planning Stage

EXPENDITURE SCHEDULE ($000)

Cost Element	Total	Thru FY07	Est. FY08	Total 6 Years	FY09	FY10	FY11	FY12	FY13	FY14	Beyond 6 Years
Planning, Design, and Supervision	2,475	0	0	2,475	0	665	1,049	400	361	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	**2,475**	**0**	**0**	**2,475**	**0**	**665**	**1,049**	**400**	**361**	**0**	**0**

FUNDING SCHEDULE ($000)

G.O. Bonds	2,475	0	0	2,475	0	665	1,049	400	361	0	0
Total	**2,475**	**0**	**0**	**2,475**	**0**	**665**	**1,049**	**400**	**361**	**0**	**0**

DESCRIPTION

This project is for the design of the renovation of the Davis Library. The Davis Library located at 6400 Democracy Boulevard in Bethesda, is a two-level, 25,750 square feet structure and was built in 1963. The architectural and the mechanical/electrical systems in the building are 42 and 20 years old and have exhausted their economic life expectancies. The mechanical and electrical systems were renovated in 1984. These renovations will not only extend the life of the building significantly but replacement of old mechanical/electrical and other systems with state-of-the-art equipment and components will save energy and reduce operating costs. Mobile Services will be relocated from the Silver Spring Library to the Davis Library.

COST CHANGE

This project provides for only the design phase of the library. Final construction costs will be determined during the design development stage.

JUSTIFICATION

The building mechanical and electrical systems were renovated in 1984. Upon receiving numerous complaints from the occupants the indoor air quality study was performed in 1999 and report indicates that the building has chronic air quality problems which need to be addressed with major renovations. The study report also indicates several deficiencies exist in the systems; these deficiencies can only be addressed by redesigning and replacing all systems in their entirety. Division of Operations of DPWT has noticed that the number of complaints from the building occupants has increased in terms of indoor air quality, temperature, humidity, mildew growth and discomfort in recent years that has resulted in higher maintenance costs and downtime. Responding to the complaints for Division of Operations is becoming more complex and even critical as the compatible spare parts are not readily available in the market. In the life of a building, the HVAC, control, electrical, fire protection and communication systems require replacement at least once every 20 years. The Department of Libraries also recommends an additional 9,300 gross square feet be added to the existing structure to address the department's current space needs which requires addition of HVAC system to the main system to meet the additional heating and cooling loads.

OTHER

The Davis Library will be closed during construction.

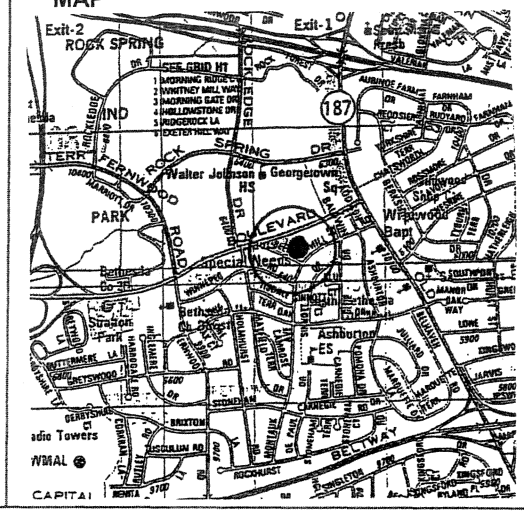
OTHER DISCLOSURES

- A pedestrian impact analysis will be performed during design or is in progress.

APPROPRIATION AND EXPENDITURE DATA

Date First Appropriation	FY10	($000)
First Cost Estimate Current Scope	FY07	962
Last FY's Cost Estimate		962
Appropriation Request	FY09	0
Appropriation Request Est.	FY10	1,737
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		0
Expenditures / Encumbrances		0
Unencumbered Balance		0
Partial Closeout Thru	FY06	0
New Partial Closeout	FY07	0
Total Partial Closeout		0

COORDINATION

Department of Public Works and Transportation
Department of Public Libraries
Department of Permitting Services

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