

Work Order Mgmt/Planned Lifecycle Asset Repl. Sys. -- No. 028702

Category
Subcategory
Administering Agency
Planning Area

M-NCPPC
Development
M-NCPPC
Countywide

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

December 29, 2009
No
None
Planning Stage

EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY09	Est. FY10	Total 6 Years	FY11	FY12	FY13	FY14	FY15	FY16	Beyond 6 Years
Planning, Design, and Supervision	0	0	0	0	0	0	0	0	0	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	920	777	143	0	0	0	0	0	0	0	0
Total	920	777	143	0	0	0	0	0	0	0	0

FUNDING SCHEDULE (\$000)

Revolving Fund - Current Revenue	920	777	143	0	0	0	0	0	0	0	0
Total	920	777	143	0	0	0	0	0	0	0	0

DESCRIPTION

This proposal implements a Work Order Management/Planned Lifecycle Asset Replacement (WOM/PLAR) System to centralize and automate information related to the maintenance of park and other assets such as playgrounds, trails, ballfields, trees, and park roads. The central purpose of the project is to improve the overall management and effectiveness of Park operations. The system will collect data on both routine and non-routine maintenance activities and will produce reports to identify the costs of routine and non-routine parks maintenance activities.

The first objective is to develop the data, systems, and procedures to measure park maintenance to improve management operations, planning and budgeting. The first project task will be to build a Facility Inventory system. When building the Facility Inventory, top priority will be given to those facilities with the greatest maintenance costs. The second project task will be development of a Work Order Management system. The third project task will be development of a Planned Lifecycle Asset Replacement (PLAR) system.

ESTIMATED SCHEDULE

System has been deployed and business process for the WOM is being implemented.

COST CHANGE

Not applicable.

JUSTIFICATION

The Technology Investment Fund (TIF) Loan/Grant Committee and the Office of Management and Budget have recommended approval of the request. The project will dramatically improve the capability and flexibility of maintenance operations and planning. M-NCPPC is currently using database technology in a "stovepipe" fashion in combination with paper-intensive, manual record-keeping. Current operations cannot be efficiently coordinated over the whole County, since data collected in one facility or division cannot be readily shared with other units in the organization. The M-NCPPC is also, in many cases, keeping maintenance data in paper files and index cards. This project will provide long-term cost savings and avoidance by enabling staff to use centrally managed maintenance data for better planning and management.

M-NCPPC Montgomery County Department of Park and Planning Automation Study (2001), WOM/PLAR Program of Requirements (2001).

OTHER

The Technology Investment Fund Loan/Grant Committee reviewed the application, determined that the project meets the requirements and objectives of the fund, and recommended approval of the grant in the amount of \$920,000. This project is implemented in accordance with Council Resolution 13-994, the Technology Investment Fund Policy Resolution.

Selected a vendor and entered into a contract for \$520,000 to purchase software and implement business process. Purchased and installed server hardware, operating system, and database software. Performing business process review and configuring software for implementation.

Currently looking to upgrade existing WOM System.

FISCAL NOTE

Project funding is approved from the following sources: Revolving Fund - Current Revenue (TIF Reserve) (\$437,000); and transfers from the Technology Investment Loan Fund CIP project (\$432,000) and the Technology Investment Grant Fund CIP project (\$51,000).

APPROPRIATION AND EXPENDITURE DATA	COORDINATION																																																				
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Date First Appropriation</td> <td style="text-align: center;">FY01</td> <td style="text-align: right;">(\$000)</td> </tr> <tr> <td>First Cost Estimate</td> <td></td> <td></td> </tr> <tr> <td>Current Scope</td> <td style="text-align: center;">FY02</td> <td style="text-align: right;">920</td> </tr> <tr> <td>Last FY's Cost Estimate</td> <td></td> <td style="text-align: right;">920</td> </tr> <tr> <td colspan="3"> </td> </tr> <tr> <td>Appropriation Request</td> <td style="text-align: center;">FY11</td> <td style="text-align: right;">0</td> </tr> <tr> <td>Appropriation Request Est.</td> <td style="text-align: center;">FY12</td> <td style="text-align: right;">0</td> </tr> <tr> <td>Supplemental Appropriation Request</td> <td></td> <td style="text-align: right;">0</td> </tr> <tr> <td>Transfer</td> <td></td> <td style="text-align: right;">0</td> </tr> <tr> <td colspan="3"> </td> </tr> <tr> <td>Cumulative Appropriation</td> <td></td> <td style="text-align: right;">920</td> </tr> <tr> <td>Expenditures / Encumbrances</td> <td></td> <td style="text-align: right;">777</td> </tr> <tr> <td>Unencumbered Balance</td> <td></td> <td style="text-align: right;">143</td> </tr> <tr> <td colspan="3"> </td> </tr> <tr> <td>Partial Closeout Thru</td> <td style="text-align: center;">FY08</td> <td style="text-align: right;">0</td> </tr> <tr> <td>New Partial Closeout</td> <td style="text-align: center;">FY09</td> <td style="text-align: right;">0</td> </tr> <tr> <td>Total Partial Closeout</td> <td></td> <td style="text-align: right;">0</td> </tr> </table>	Date First Appropriation	FY01	(\$000)	First Cost Estimate			Current Scope	FY02	920	Last FY's Cost Estimate		920				Appropriation Request	FY11	0	Appropriation Request Est.	FY12	0	Supplemental Appropriation Request		0	Transfer		0				Cumulative Appropriation		920	Expenditures / Encumbrances		777	Unencumbered Balance		143				Partial Closeout Thru	FY08	0	New Partial Closeout	FY09	0	Total Partial Closeout		0	<p>COORDINATION</p> <p>County Council Resolution No. 13-994 TIF Loan/Grant Committee Office of Management and Budget Department of Information Systems and Telecommunications M-NCPPC Technology Investment Grant Fund PDF (No. 319485)</p>	
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