

Energy Systems Modernization -- No. 361302

Category
Subcategory
Administering Agency
Planning Area

General Government
County Offices and Other Improvements
General Services
Countywide

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

April 26, 2012
No
None.
Planning Stage

EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY11	Est. FY12	Total 6 Years	FY13	FY14	FY15	FY16	FY17	FY18	Beyond 6 Years
Planning, Design, and Supervision	4,000	0	0	4,000	2,000	2,000	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	16,000	0	0	16,000	8,000	8,000	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	20,000	0	0	20,000	10,000	10,000	0	0	0	0	0

FUNDING SCHEDULE (\$000)

Long-Term Financing	20,000	0	0	20,000	10,000	10,000	0	0	0	0	0
Total	20,000	0	0	20,000	10,000	10,000	0	0	0	0	0

DESCRIPTION

This project provides a means to implement energy savings performance contracting as a mechanism to reduce the County's energy usage and perform strategic facility upgrades without incurring capital costs. These contracts have been used extensively by the federal government and other state and local jurisdictions to accomplish energy saving retrofits in a variety of facility applications. For each facility proposed, a unique prescriptive energy conservation analysis (audit) is conducted. Savings are associated with each element (energy conservation measure) of the analysis. Ultimately, the compilation of the measures defines the project. Third party funding (bonds or commercial loans) covers the cost of the contract. A key feature of Energy Savings Performance Contracts is that no General Obligation bonds are required. A financing mechanism is initiated to cover the cost of the contract and the repayment of the debt is guaranteed through the energy savings.

JUSTIFICATION

Implementation of this project is consistent with the County's continuing objective to accomplish environmentally friendly initiatives as well as limit the level of G.O. bonds. The ultimate objective of the individual building projects is to permanently lower the County's energy usage, reduce its carbon footprint and save considerable operating expenses.

OTHER

The proposals outlined in this program are developed in conjunction with the Department of General Services, the Department of Finance, and the Office of Management and Budget. Financial consultants will be employed to advise and guide the financial decisions. Projects will be implemented based on the potential for energy savings as well as operational and infrastructure upgrades.

APPROPRIATION AND EXPENDITURE DATA

Date First Appropriation	FY13	(\$000)
First Cost Estimate	FY13	20,000
Current Scope		
Last FY's Cost Estimate		0
Appropriation Request	FY13	10,000
Appropriation Request Est.	FY14	10,000
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		0
Expenditures / Encumbrances		0
Unencumbered Balance		0
Partial Closeout Thru	FY10	0
New Partial Closeout	FY11	0
Total Partial Closeout		0

COORDINATION

Department of General Services
Department of Finance
Office of Management and Budget

MAP

