

Facility HVAC Controls

Requesting Department/Division: Facilities Maintenance
 Project Manager/Contact: Winston M. Anderson

Estimated Start Date: July 2009
 Est. Completion Date: June 2010

Project Category: Rehabilitation/Remediation

Project Status: Planned/Programmed Project
 Project Number: CB0013

Project Description, Justification and Location

The project will replace the HVAC control system at multiple County facilities. The Spartanburg County Courthouse has a pneumatic control system from the 1950s which frequently breaks down. This system can be replaced with an electronic control system that will provide more reliable controls and will save energy by properly controlling space temperatures. Other facilities such as the County Administration Building will require an upgrade to existing facility controls in order maximize the benefit of such controls.

Benefits to Residents, Visitors, Businesses, or County Employees

The Spartanburg County facilities, and therefore the taxpayers of Spartanburg County, will benefit from having more reliable temperature and humidity control, monitoring of conditions, and energy savings from more efficient operation of the air conditioning system.

Impact on Annual Operating Budget

There is the potential to save money in utility costs with an efficient and effective HVAC monitoring system.

Project Status (as of April 1, 2009)

Planned/programmed project, with funding beginning July 1, 2009.

Project Expenditures and Funding Sources

| PROJECT | TOTAL PROJECT COST | COMMITTED FUNDING | FY 2009/10 | FY 2010/11 | FY 2011/12 | FY 2012/13 | FY 2013/14 | FY 2010-14 Totals |
|------------------------------------|---------------------------|--------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--------------------------|
| Facility HVAC Controls | | | | | | | | |
| <i>Expenditures</i> | | | | | | | | |
| Planning/Design/Engineering | 10,000 | 0 | 10,000 | 0 | 0 | 0 | 0 | 10,000 |
| Land Acquisition/Right-of-Way | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Construction/Improvements | 150,000 | 0 | 150,000 | 0 | 0 | 0 | 0 | 150,000 |
| Capital Materials/Equipment | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Technology Expenditures | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Expenditures | 160,000 | 0 | 160,000 | 0 | 0 | 0 | 0 | 160,000 |
| <i>Revenues</i> | | | | | | | | |
| General Obligation Bond FY 2009/10 | 160,000 | 0 | 160,000 | 0 | 0 | 0 | 0 | 160,000 |
| Total Revenues | 160,000 | 0 | 160,000 | 0 | 0 | 0 | 0 | 160,000 |