

LiDAR Acquisition Project

308-076039-56400-539
 318-076039-56400-539
 Local Option Sales Tax Fund
 1999 Bond Construction Fund
 Other General Governmental Services
 Management Services
 MIS
New Project

Project Description

On February 12, 2002, the Leon County Board of County Commissioners approved diversion of existing funds to complete Priority Step 1 of the LiDAR (Light Intensity Detection and Ranging) Acquisition Project. The Board was advised at the time, that subsequent Priority Steps 2 and 3 would be required in FY 02/03. These steps allow for the analyzation and dissemination of the initial data acquisition through receipt of a completed Digital Terrain Model and Finished Contours. This is a joint funded project with the City of Tallahassee.

Legislative / Policy Compliance Statement

The project has been reviewed and approved by the GIS Steering and Executive Committees, the GIS Development Team and the Topographic Partnering Group. The Leon County Board of County Commissioners have been advised as to the necessity of this project during the PETS/GIS Workshop in January, 2002, and an agenda item for approval of the the initial diversion of funds on February 12, 2002. The project is compliant with the GIS Interlocal and 50% of the required funding is being pursued by the City of Tallahassee's budget process for FY 02/03. The information received is essential for design work necessary to complete Blueprint 2000 Projects.

Project History

Object	(1)L.T.D. 09/30/01	FY 02 Adopted	FY 02 Carry Fwd.	FY 02 Amendments	(2)FY 02 Adj. Budget	Y.T.D. Thru 2nd Qtr.	FY 02 % Y.T.D. Exp's
Land							
Buildings							
Other							
Equipment							
TOTAL							
Funding							
General - 305							
TOTAL							

Project Costs

Object	FY 03 Budget	FY 04 Planned	FY 05 Planned	FY 06 Planned	FY 07 Planned	(3)FY03-FY07 Totals	Total (1+2+3) Project Cost
Land							
Buildings							
Other							
Equipment	375,992					375,992	375,992
TOTAL	\$375,992					\$375,992	\$375,992
Funding							
General - 305							
Sales -308	200,000					200,000	200,000
Bond - 318	175,992					175,992	175,992
TOTAL	\$375,992					\$375,992	\$375,992

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Operating Impact

		FY 03	FY 04	FY 05	FY 06	FY 07	FY03 - FY07
		Budget	Planned	Planned	Planned	Planned	Totals
Account	Fund-Org						
Personnel							
Operating							
Cap. Outlay							
TOTAL							
Staffing	Fund-Org						
FTEs							
OPS							

Project Justification, OMB Analysis, and Additional Notes:

Through analysis and discussion with various GIS users, the Tallahassee-Leon County GIS program has identified the following situation. Previous contour datasets are good and meet mapping standards, however they do not provide the level of accuracy needed to support engineering level of review for planning purposes. GIS staff have been informed by members of the Topographic Partnering Group that the level of accuracy is critical when analyzing and modeling for Blueprint 2000. The LiDAR product provides the level of accuracy required. If the accuracy requirements are not met in this manner, then other methods would need to be pursued. The total cost of the LiDAR Acquisition Project is \$ 1,049,452. A total of \$250,701 was diverted from other projects under the current GIS CIP in FY 01/02 (Acct. #305-076009-56400-539), in order to complete Priority Step 1 of the project (Priority Step 1: bulk data and aerial photography capture). The balance less credits from the 2001 Flyover Project is \$799,021. Therefore, the City of Tallahassee and Leon County will each require new budgeting of funds in the sum of \$372,995, to complete the project. The project is designed to be a comprehensive project which should include input from all supported departments in the City and County.

Special Note: The \$250,071 is part of the overall GIS budget which is split funded by the City and County. The GIS Steering and Executive Committees directed GIS central staff to submit this CIP separately as a one time request.