



Legislation Text

File #: 070781., **Version:** 0

Purchase of Laser Imaging Detection and Ranging (LiDAR) data for the Gainesville Urban Area from Program Data Solutions (a legal entity created as a Joint Venture between Dewberry, URS and PBS&J) (B)

This item involves a purchase of LiDAR data from a Florida Division of Emergency Management contract by the City of Gainesville to facilitate a number of water management program activities in Gainesville and its Urban Area.

The Florida Division of Emergency Management (FDEM) has established standards for acquiring data necessary to enhance available computer-modeling analysis for use in Regional Evacuation Studies (RES) that assist disaster response personnel in understanding threats to Florida's citizens and visitors. Contractors have been selected to provide project/program management-related services for collection of aerial data such as LiDAR and associated orthophotography, post-processing of data, and populating updated elevation data for use with coastal surge modeling tools. FDEM is allowing other governmental agencies to "piggyback" onto the competitive procurement of FDEM for these services

The Public Works Department is seeking to "piggyback" on one of the FDEM contracts to capture LiDAR data for 1) updating flood plain mapping, 2) updating Watershed Management Plans, 3) developing Basin Management Action Plan alternatives, 4) providing enhancements to the National Pollutant Discharge and Elimination System Program, 5) facilitate forecasting of environmental impacts associated with land development proposals.

The data acquisition, processing and quality assurance will be carried out by Program Data Solutions and will cost \$150,837.98.

- All LiDAR deliverables will be based on the FDEM specifications
- The area to be mapped includes a buffered Urban Area adding up to a total of 153.77 square miles
- Data will be delivered to 100' outside the project boundary
- Acquisition would be performed in late January (weather permitting) assuming contracting / Notice to Proceed is issued
- Mobilization fees remain drastically reduced based on the contractor performing an acquisition in the Tallahassee, FL region scheduled for late January
- Delivery schedule is anticipated within 8-months of successful LiDAR acquisition - detailed schedule will be negotiated upon execution of contract

Funding for the \$150,837.98 contract is in the FY 2008 Capital Improvement Plan and available in the Stormwater Management Utility account.

Recommended Motion: The City Commission: 1) approve the purchase of LiDAR data collection, processing and quality assurance from PDS and 2) authorize the City Manager to issue a purchase order not to exceed \$150,837.98 subject to review and approval by the City Attorney as to form and legality.

Alternative Recommendation: The City Commission deny the purchase of LiDAR data collection, processing and quality assurance from PDS and pass on this opportunity to capture an updated data toolset.