



Pinellas County

Staff Report

File #: 24-0592A, Version: 1

Subject:

Joint Funding Agreement with the United States Geological Survey for the Fiscal Year 2024-2025 Pinellas County Light Detection and Ranging acquisition.

Recommended Action:

Approval of the Joint Funding Agreement with the United States Geological Survey (USGS) for the Fiscal Year (FY) 2024-2025 Pinellas County Light Detection and Ranging (LIDAR) acquisition as requested by the Business Technology Services (BTS) department.

- LIDAR is a remote sensing methodology that measures precise elevation readings (20+ elevation points per square meter) across the entire Pinellas County peninsula.
- These high-resolution data are used across various constitutional offices for engineering design, emergency management planning, floodplain management, property appraisals, asset inventory, and other critical County applications.
- This project is in coordination with Hillsborough County, and data acquisition for both counties will occur at the same time but through separate funding agreements with USGS. USGS will manage the flight and data acquisition and pay for 15% of the project costs as part of the joint funding agreement.
- Expenditures for this agreement are anticipated to be incurred in FY24-25. This item is budgeted and included in BTS's FY24-25 budget request as part of the Enterprise Geological Information Systems program.
- Total expenditure not-to-exceed \$282,037.45.
- Funding for this agreement is included in the FY24 budget in the amount of \$400,000.00 in the BTS Fund. If this funding is not spent in FY24 (which is likely to occur), the unspent funds will be requested to carry forward into FY25.

Authorize the Chairman to sign and the Clerk of the Circuit Court to attest.

Strategic Plan:

Ensure Public Health, Safety, and Welfare

2.5 Enhance pedestrian and bicycle safety

Deliver First-Class Services to the Public and Our Customers

5.2 Be responsible stewards of the public's resources

5.3 Ensure effective and efficient delivery of county services and support

Summary:

This project is in coordination with Hillsborough County and data acquisition for both counties will occur at the same time but through separate funding agreements with USGS. USGS will manage the flight and data acquisition and pay for 15% of the project costs as part of the joint funding agreement.

Background Information:

The County collects LIDAR elevation readings every five (5) years. The last flight was performed in 2017 by Atkins in coordination with Southwest Florida Water Management District (SWFWMD).

Fiscal Impact:

Total funding not-to-exceed: \$282,037.45

Expenditures for this agreement are anticipated to be incurred FY25. Funding for this action is included in the BTS FY25 Budget Request for Enterprise Geological information Systems (GIS).

Staff Member Responsible:

Jeff Rohrs, Chief Information Officer, Business Technology Services
Bryan Zumwalt, Chief Technology Officer, Business Technology Services

Partners:

United States Geological Survey

Attachments:

Joint Funding Agreement