



The Florida Senate

Local Funding Initiative Request

Fiscal Year 2022-2023

LFIR # 2102

1. Project Title

2. Senate Sponsor

3. Date of Request

4. Project/Program Description

This project requests funding and managerial assistance to complete the QL1 lidar topographic mapping for the state of Florida. To date, through a joint project, the State of Florida and the US Geological Survey have mapped the Peninsula of Florida (2018) and through the USGS Hurricane Michael Supplemental Funding (2019) mapped a large portion of the panhandle of Florida. This project seeks to map the remaining counties to that same specification.

5. State Agency to receive requested funds

State Agency contacted?

6. Amount of the Nonrecurring Request for Fiscal Year 2022-2023

Type of Funding	Amount
Operations	950,000
Fixed Capital Outlay	0
Total State Funds Requested	950,000

7. Total Project Cost for Fiscal Year 2022-2023 (including matching funds available for this project)

Type of Funding	Amount	Percentage
Total State Funds Requested (from question #6)	950,000	100%
Matching Funds		
Federal	0	0%
State (excluding the amount of this request)	0	0%
Local	0	0%
Other	0	0%
Total Project Costs for Fiscal Year 2022-2023	950,000	100%

8. Has this project previously received state funding?

Fiscal Year (yyyy-yy)	Amount		Specific Appropriation #	Vetoed
	Recurring	Nonrecurring		

9. Is future funding likely to be requested?

a. If yes, indicate nonrecurring amount per year.

b. Describe the source of funding that can be used in lieu of state funding.

10. Has the entity requesting this project received any federal assistance related to the COVID-19 pandemic?

If yes, indicate the amount of funds received and what the funds were used for.



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11. Details on how the requested state funds will be expended

Spending Category	Description	Amount
Administrative Costs:		
Executive Director/Project Head Salary and Benefits		0
Other Salary and Benefits		0
Expense/Equipment/Travel/Supplies/Other		0
Consultants/Contracted Services/Study		0
Operational Costs: Other		
Salary and Benefits		0
Expense/Equipment/Travel/Supplies/Other		0
Consultants/Contracted Services/Study	This project is in cooperation with the US Geological Survey 3D Elevation Program. Services can be contracted through the competitively procured USGS Geospatial and Products Services Contract.	950,000
Fixed Capital Construction/Major Renovation:		
Construction/Renovation/Land/Planning Engineering		0
Total State Funds Requested (must equal total from question #6)		950,000

12. Program Performance

a. What specific purpose or goal will be achieved by the funds requested?

This project requests funding and managerial assistance to complete the QL1 lidar topographic mapping for the State of Florida. To date, through a joint project, the State of Florida and USGS have mapped the Peninsula of Florida (2018) and through the USGS Hurricane Supplemental funding (2019) mapped a large portion of the panhandle of Florida. This project seeks to map the remaining counties to that same specification.

b. What activities and services will be provided to meet the intended purpose of these funds?

The State of Florida through the Division of Emergency Management and Office of Resilience and Coastal Protection will procure professional surveying and mapping services through the cooperation with USGS to collect lidar topography and hydrological breaklines to construct digital elevation models for four counties in the western panhandle of Florida. Ground point locations will be surveyed to ascertain the accuracy of the derived products.

c. What direct services will be provided to citizens by the appropriation project?

Citizens will have direct access to the original digital data and derived products through the FDEM, FDEP, and/or NOAA Digital Coast and/or the USGS National Map website. The data will be used by surveyors, engineers, city planners, and researchers.

d. Who is the target population served by this project? How many individuals are expected to be served?

The target population to be served by the data collected by this project are a combination of water managers and planners with their associated surveyors and civil engineers. Depending on the magnitude of the planning/management exercise, the number of individuals directly using the data could range from 50-100 for smaller road planning projects, to several hundreds or larger construction and/or environmentally sensitive projects. These data will serve as baseline data for future storm events that will serve all Florida citizens and businesses in the disaster areas.

e. What is the expected benefit or outcome of this project? What is the methodology by which this outcome will be measured?



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The FDEP Florida Statewide Lidar Assessment (June 30, 2017) indicated a benefit:cost ratio of 3.1 to 4.7 recovered between 2-3 years from lidar mapping to produce digital elevation models and derived products. This project will complete the lidar-based topographic mapping, bringing the entire State of Florida to the same consistent standards as defined by Quality Level 1 (QL1) specifications. Having the entire state surveyed to the same standard greatly facilitates hydrological modeling across county and other political boundaries and provides a uniform degree of certainty to all users throughout the state.

f. What are the suggested penalties that the contracting agency may consider in addition to its standard penalties for failing to meet deliverables or performance measures provided for the contract?

The project will be conducted in concert with USGS, piggy-backing on the USGS Geospatial Products and Services contract, which is competitively procured by USGS. The USGS contract vehicle includes vetted providers with full compliance to US federal standards and penalties for failing to meet deliverables and performance.

13. The owners of the facility to receive, directly or indirectly, any fixed capital outlay funding. Include the relationship between the owners of the facility and the entity.

N/A



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14. Requestor Contact Information

a. First Name Last Name

b. Organization

c. E-mail Address

d. Phone Number Ext.

15. Recipient Contact Information

a. Organization

b. Municipality and County

c. Organization Type

- ☐ For Profit Entity
- ☐ Non Profit 501(c)(3)
- ☐ Non Profit 501(c)(4)
- ☐ Local Entity
- ☐ University or College
- ☒ Other (please specify) Florida State Agency

d. First Name Last Name

e. E-mail Address

f. Phone Number

16. Lobbyist Contact Information

a. Name

b. Firm Name

c. E-mail Address

d. Phone Number