

Appropriations Project Request - Fiscal Year 2017-18

For projects meeting the Definition of House Rule 5.14

1. Title of Project: Statewide High-Quality Elevation Data

2. Date of Submission: 02/07/2017

3. House Member Sponsor: Thad Altman

Members Copied:

4. DETAILS OF AMOUNT REQUESTED:

- Has funding been provided in a previous state budget for this activity? No
If answer to 4a is ?NO? skip 4b and 4c and proceed to 4d
- What is the most recent fiscal year the project was funded?
- Were the funds provided in the most recent fiscal year subsequently vetoed?
- Complete the following Project Request Worksheet to develop your request (Note that column E will be the total of Recurring funds requested and Column F will be the total Nonrecurring funds requested, the sum of which is the Total of the Funds you are requesting in column G):

FY:	Input Prior Year Appropriation for this project for FY 2016-17 (If appropriated in 2016-17 enter the appropriated amount, even if vetoed.)			Develop New Funds Request for FY 2017-18 (Requests for additional RECURRING funds are prohibited. Any additional Nonrecurring funding requested to supplement recurring funds in the base will result in the base recurring amount being converted to Nonrecurring .)		
Column:	A	B	C	D	E	F
Funds Description:	Prior Year Recurring Funds	Prior Year Nonrecurring Funds	Total Funds Appropriated (Recurring plus Nonrecurring: column A + column B)	Recurring Base Budget (Will equal non- vetoed amounts provided in Column A)	Additional Nonrecurring Request	TOTAL Nonrecurring Request (Will equal the amount from the Recurring base in Column D to be CONVERTED to Nonrecurring plus the Additional Nonrecurring Request in Column E. These funds will be appropriated non-recurring if funded in the House Budget or the Final Conference Report on the budget.)
Input Amounts:					5,000,000	5,000,000

5. Are funds for this issue requested in a state agency's Legislative Budget Request submitted for FY 2017-18? No

5a. If yes, which state agency?

5b. If no, which is the most appropriate state agency to place an appropriation for the issue being requested? For example, if the requested issue pertains to services provided to inmates at correctional facilities, the Department of Corrections would be the most appropriate state agency. Department of Environmental Protection

6. Requester:

- a. Name: Glenn Grab
- b. Organization: Harris Corporation
- c. Email: ggrab@harris.com
- d. Phone #: (202)286-4950

7. Contact for questions about specific technical or financial details about the project (Please retype if same as Requester):

- a. Name: Glenn Grab
- b. Organization: Harris Corporation
- c. Email: ggrab@harris.com
- d. Phone #: (202)286-4950

8. If there is a registered lobbyist, fill out the lobbyist information below.

- a. Name: Carol Bracy
- b. Firm: Ballard Partners
- c. Email: Carol@ballardfl.com
- d. Phone #: (850)577-0444

9. Organization or Name of Entity Receiving Funds(Please retype if same as Requestor or Contact):

- a. Name: Div. of Emerg. Mgmt., Dept. of Transp., Dept. of Env. Prot.
- b. County (County where funds are to be expended): Statewide
- c. Service Area (Counties being served by the service(s) provided with funding): Statewide

10. What type of organization is the entity that will receive the funds? (Select one)

- ☐ For Profit
- ☐ Non Profit 501(c) (3)
- ☐ Non Profit 501(c) (4)
- ☐ Local Government

- ☐ University or College
☒ Other (Please describe) State Government

11. What is the specific purpose or goal that will be achieved by the funds being requested?

Funding for this initiative will accomplish the goal of providing Florida agencies with improved elevation data for flood risk, hazard, mitigation, surface water quantity and quality, environmental, tax assessment and urban planning. Current elevation data repository is old, fragmented, and lacks detail and accuracy, which leads to misinformed decisions related to life, safety and the protection of property and the environment.

12. Provide specific details on how funds will be spent. (Select all that apply)

Spending Category	Description	Nonrecurring (Should equal 4d, Col. F) Enter ?0? if request is zero for the category
Administrative Costs:		
<input type="checkbox"/> a. Executive Director/Project Head Salary and Benefits		
<input type="checkbox"/> b. Other Salary and Benefits		
<input type="checkbox"/> c. Expense/Equipment/Travel/Supplies/Other		
<input checked="" type="checkbox"/> d. Consultants/Contracted Services/Study	Aerial LiDAR collection, processing & delivery / hosting	5,000,000
Operational Costs:		
<input type="checkbox"/> e. Salaries and Benefits		
<input type="checkbox"/> f. Expenses/Equipment/Travel/Supplies/Other		
<input type="checkbox"/> g. Consultants/Contracted Services/Study		
Fixed Capital Construction/Major Renovation:		
<input type="checkbox"/> h. Construction/Renovation/Land/Planning Engineering		
TOTAL		5,000,000

13. For the Fixed Capital Costs requested with this issue, what type of ownership will the facility be under when complete? (In Question 12, if ?h. Fixed Capital Outlay? was not selected, question 13 is not applicable)

N/A

14. Is the project request an information technology project?

No

15. Is there any documented show of support for the requested project in the community including public hearings, letters of support, major organizational backing, or other expressions of support?

No

16. Has the need for the funds been documented by a study, completed by an independent 3rd party, for the area to be served?

Yes

16a. Please Describe:

<http://www.floridadisaster.org/gis/LiDAR/>; <http://www.dewberry.com/Consultants/GeospatialMapping/FinalReport-NationalEnhancedElevationAssessment>; <http://pubs.usgs.gov/fs/2012/3088/>; <http://pubs.usgs.gov/fs/2012/3089/>; <https://pubs.usgs.gov/fs/2013/3058/pdf/fs2013-3058.pdf>

17. Will the requested funds be used directly for services to citizens?

No

18. What benefits or outcomes will be realized by the expenditure of funds requested? (Select all that applies)

Benefit or Outcome	Provide a specific measure of the benefit or outcome	Describe the method for measuring level of benefit
<input type="checkbox"/> Improve physical health		
<input type="checkbox"/> Improve mental health		
<input type="checkbox"/> Enrich cultural experience		
<input checked="" type="checkbox"/> Improve agricultural production/promotion/education	More accurate measurement of expected yield	Geiger-mode LiDAR will provide high quality elevation data and will promote more accurate vegetation height, canopy and density

		measurements.
<input type="checkbox"/> Improve quality of education		
<input checked="" type="checkbox"/> Enhance/preserve/improve environmental or fish and wildlife quality	More accurate habitat mapping and management	Geiger-mode LiDAR will provide high quality elevation data for more accurate land cover mapping, including delineating habitat types.
<input checked="" type="checkbox"/> Protect the general public from harm (environmental, criminal, etc.)	More accurate base maps for catastrophic event planning, and reducing risks post-event.	Geiger-mode LiDAR will provide high quality elevation data will support the creation of more accurate base maps to better assess change and to determine event effect on property and public and private property assets
<input checked="" type="checkbox"/> Improve transportation conditions	More accurate transportation maps for transportation planning, and engineering design, and reducing overall risk to the community by making our roadways safer.	Geiger-mode LiDAR will provide high quality elevation data for the development of better transportation maps to more accurately plan future roadways, bridges and causeways as well as provide inputs for land acquisition, transportation engineering and design.
<input type="checkbox"/> Increase or improve economic activity		
<input type="checkbox"/> Increase tourism		
<input type="checkbox"/> Create specific immediate job opportunities		
<input type="checkbox"/> Enhance specific individual's economic self sufficiency		
<input type="checkbox"/> Reduce recidivism		
<input type="checkbox"/> Reduce substance abuse		

<input type="checkbox"/> Divert from Criminal/Juvenile justice system		
<input type="checkbox"/> Improve wastewater management		
<input checked="" type="checkbox"/> Improve stormwater management	More accurate elevation / topographic maps for stormwater modeling and management, ensuring better flood management planning but also making post-event response more efficient and effective.	High quality Geiger-mode LiDAR provides high resolution elevation data (previously un-affordable or obtainable with conventional LiDAR) promoting better planning and analysis of stormwater and its effects on public and private property, enabling more accurate computer simulation of flood events. Specifically, new Geiger-mode LiDAR will obtain (a) detailed micro topography in a highly vegetated sub-tropical environment critical to surface flow modeling, storm drain level detail for infrastructure
<input type="checkbox"/> Improve groundwater quality		
<input type="checkbox"/> Improve drinking water quality		
<input checked="" type="checkbox"/> Improve surface water quality	More accurate elevation / topographic maps for stormwater modeling and management	Similar to the benefits of Geiger-mode LiDAR for storm water management, high quality elevation data provides better planning and analysis of surface water movement on public and private property, enabling more accurate computer simulation of the impacts on surface water quality.
<input checked="" type="checkbox"/> Other (Please describe): flood risk, hazard, mitigation, surface water quantity and quality, environmental, tax	Collect high quality elevation data once, and solve many more problems	High ROI with high quality elevation data to enable better planning and analysis for flood risk, hazards,

assessment		mitigation, surface water quantity and quality, environmental applications, and property tax assessment.
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19. Provide the total cost of the project for FY 2017-18 from all sources of funding (Enter ?0? if amount is zero):

Type of Funding	Amount	Percent of Total (Automatically Calculates)	Are the other sources of funds guaranteed in writing?
1. Amount Requested from the State in this Appropriations Project Request:	5,000,000	100.0%	N/A
2. Federal:	0	0.0%	No
3. State: (Excluding the requested Total Amount in #4d, Column F)	0	0.0%	No
4. Local:	0	0.0%	No
5. Other:	0	0.0%	No
TOTAL	5,000,000	100%	

20. Is this a multi-year project requiring funding from the state for more than one year?

No