

Budget Detail Request - Fiscal Year 2016-17

Your request will not be officially submitted unless all questions and applicable sub parts are answered.

1. Title of Project: Real Time Monitoring and Prediction of Reduced Visibility Events on Florida's Highways
2. Date of Submission: 01/21/2016
3. House Member Sponsor(s): W. Perry

4. DETAILS OF AMOUNT REQUESTED:

- a. Has funding been provided in a previous state budget for this activity? Yes
If answer to 4a is ?NO? skip 4b and 4c and proceed to 4d
- b. What is the most recent fiscal year the project was funded? 2015-16
- c. Were the funds provided in the most recent fiscal year subsequently vetoed? No
- d. 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 2015-16 (If appropriated in FY 2015-16 enter the appropriated amount, even if vetoed.)			Develop New Funds Request for FY 2016-17 (If no new Recurring or Nonrecurring funding is requested, enter zeros.)			
	Column: A	B	C	D	E	F	G
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)	INCREASED or NEW Recurring Requested	TOTAL Nonrecurring Requested (Nonrecurring is one time funding & must be re-requested every year)	Total Funds Requested Over Base Funding (Recurring plus Nonrecurring: Column E + Column F)
Input Amounts:	0	1,000,000	1,000,000	0	0	1,500,000	1,500,000

- e. New Nonrecurring Funding Requested for FY 16-17 will be used for:
 Operating Expenses Fixed Capital Construction Other one-time costs
- f. New Recurring Funding Requested for FY 16-17 will be used for:
 Operating Expenses Fixed Capital Construction Other one-time costs

5. Requester:

- a. Name: Rhonda Copley
- b. Organization: PraxSoft
- c. Email: rhonda@praxsoft.com
- d. Phone #: (407)903-9396

6. Organization or Name of Entity Receiving Funds:

- a. Name: Florida Polytechnic University
- b. County (County where funds are to be expended) Alachua, Polk
- c. Service Area (Counties being served by the service(s) provided with funding) Statewide

7. Write a project description that will serve as a stand-alone summary of the project for legislative review. The description should summarize the entire project's intended purpose, the purpose of the funds requested (if request is a sub-part of the entire project), and most importantly the detail on how the funds requested will be spent - for example how much will be spent on positions and associated salaries, specifics on capital costs, and detail of operational expenses. The summary must list what local, regional or statewide interests or areas are served. It should also document the need for the funds, the community support and expected results when applicable. Be sure to include the type and amount of services as well as the number of the specific target population that will be served (such as number of home health visits to X, # of elderly, # of school aged children to receive mentoring, # of violent crime victims to receive once a week counseling etc.)

The Real Time Monitoring and Prediction of Reduced Visibility Events on Florida's Highways project objective is to predict reduced visibility events on Florida highways using low-cost meteorological equipment, adaptable software algorithms and advanced weather modeling. This project will build on the success of the previous phase to ensure we meet and exceed the intended purpose of improved motorist safety statewide in low-visibility conditions. To complete the project and make the system operational for a statewide deployment, the funding would be spent to further study more exact timing of onset/dissipation of fog, to expand prediction of other severe weather events to help reduce traffic accidents and facilitate interagency data sharing with statewide warnings. All drivers and passengers who use Florida roadways are the target population for this important project. Expenses are as follows: personnel and salaries of \$825K; capital costs of \$269K; and operations and maintenance of \$406K. The ROI for the project is, most importantly, the potential saving of lives during fog and other low-visibility events. Additional efficiencies can be realized through the use of the project's predictive fog and visibility index to improve Highway Safety personnel deployment and scheduling. This project would benefit the more than 18 million residents who call Florida home and the 84 million travelers who visit Florida annually.

8. Provide the total cost of the project for FY 2016-17 from all sources of funding:

- Federal: 0
- State: 0 (Excluding the requested Total Amount in #4d, Column G)
- Local: 0
- Other: 0

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

No