

Appropriations Project Request - Fiscal Year 2018-19

For projects meeting the Definition of House Rule 5.14

1. Title of Project: Real Time Monitoring and Prediction of Reduced Visibility Events on Florida's Highways

2. Date of Submission: 11/14/2017

3. House Member Sponsor: Robert Olszewski

Members Copied:

4. DETAILS OF AMOUNT REQUESTED:

- 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, Col. E
- What is the most recent fiscal year the project was funded? 2017-18
- Were the funds provided in the most recent fiscal year subsequently vetoed? No
- Complete the following Project Request Worksheet to develop your request:

FY:	Input Prior Year Appropriation for this project for FY 2017-18 (If appropriated in 2017-18 enter the appropriated amount, even if vetoed.)			Develop New Funds Request for FY 2018-19 (Requests for additional RECURRING funds are prohibited.)		
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 plus Recurring Base Funds (Will equal the amount from the Recurring base in Column D plus the Additional Nonrecurring Request in Column E.)
Input Amounts:		250,000	250,000		2,000,000	2,000,000

5. Are funds for this issue requested in a state agency's Legislative Budget Request submitted for FY 2018-19? 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? Department of Transportation

5c. Has the appropriate state agency for administering the funding, if the request were appropriated, been contacted? Yes

5d. Describe penalties for failing to meet deliverables or performance measures which the agency should provide in its contract to administer the funding if appropriated.

If the Department determines that the performance is unsatisfactory, the Department can send notification of the deficiency, which correction shall be made within a reasonable time-frame. A corrective action will be provided to the Department. If the corrective plan is not met a non- performance retainage equivalent to 5% of the invoice amount will be initiated. The retainage will be held until the deficiency is resolved.

6. Requester:

- a. Name: Rhonda Copley
- b. Organization: PraxSoft, Inc.
- c. Email: rhonda@praxsoft.com
- d. Phone #: (407)754-7010

7. Contact for questions about specific technical or financial details about the project:

- a. Name: Dr. Amin Ismail
- b. Organization: PraxSoft, Inc.
- c. Email: amin@praxsoft.com
- d. Phone #: (407)903-9396

8. Is there a registered lobbyist working to secure funding for this project?

- a. Name: Christopher Coker
- b. Firm: Coker Consulting, llc
- c. Email: Chris@cokerconsultingfl.com
- d. Phone #: (850)570-5432

9. Organization or Name of entity receiving funds:

- a. Name: PraxSoft
- b. County (County where funds are to be expended): Alachua, Broward, Calhoun, Collier, Glades, Leon, Liberty, Marion, Okeechobee, Orange, Palm Beach, Pasco, Polk, St. Johns, Santa Rosa, Seminole, Volusia, Washington
- 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)

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

To continue the development and deployment of multi-level fog monitoring stations for further data analysis and refinement of the weather and fog models, in central, western central, northeastern and southern Florida with the goal of providing advanced warning of fog and other weather road conditions to reduce crashes, improve traffic management, increase efficiency, save money and protect the lives of the 18 million residents who call Florida home.

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

Spending Category	Description	Nonrecurring (Should equal 4d, Col. E) Enter ?0? if request is zero for the category
Administrative Costs:		
<input checked="" type="checkbox"/> a. Executive Director/Project Head Salary and Benefits	To manage the overall project and be responsible for producing results based on the goals of the project	100,000
<input type="checkbox"/> b. Other Salary and Benefits		
<input type="checkbox"/> c. Expense/Equipment/Travel/Supplies/Other		
<input type="checkbox"/> d. Consultants/Contracted Services/Study		
Operational Costs:		
<input checked="" type="checkbox"/> e. Salaries and Benefits	Includes University researchers and students responsible for execution of University tasks.	200,000
<input checked="" type="checkbox"/> f. Expenses/Equipment/Travel/Supplies/Other	Equipment and supplies needed to install and maintain the site-specific locations for multi-level fog	750,000

	monitoring stations. Travel is needed to ensure a robust system and performance.	
<input checked="" type="checkbox"/> g. Consultants/Contracted Services/Study	PraxSoft would continue under contract as the developer of the statewide weather model and algorithms that have been providing fog prediction in advance of major visibility decline throughout earlier phases of the project successfully	950,000
Fixed Capital Construction/Major Renovation:		
<input type="checkbox"/> h. Construction/Renovation/Land/Planning Engineering		
TOTAL		2,000,000

13. For the Fixed Capital Costs requested with this issue (In Question 12, category ?h. Fixed Capital Outlay? was selected), what type of ownership will the facility be under when complete? (Select one correct option)

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?

No

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

Yes

17a. What are the activities and services that will be provided to meet the purpose of the funds?

Warning of reduced visibility conditions which could negatively impact motorists and roadway safety.

17b. Describe the direct services to be provided to the citizens by the funding requested.

Messsages about driving hazards such as fog which reduces visibility and will impair driving.

17c. Describe the target population to be served (i.e., "the majority of the funds requested will serve these target populations or groups.").

Select all that apply to the target population:

- ☐ Elderly persons
- ☐ Persons with poor mental health
- ☐ Persons with poor physical health
- ☐ Jobless persons
- ☐ Economically disadvantaged persons
- ☐ At-risk youth
- ☐ Homeless
- ☐ Developmentally disabled
- ☐ Physically disabled
- ☐ Drug users (in health services)
- ☐ Preschool students
- ☐ Grade school students
- ☐ High school students
- ☐ University/college students
- ☐ Currently or formerly incarcerated persons
- ☐ Drug offenders (in criminal Justice)
- ☐ Victims of crime
- ☐ General (The majority of the funds will benefit no specific group)
- ☒ Other (Please describe): All drivers and passengers on roadways in the state of Florida

17d. How many in the target population are expected to be served?

- ☐ < 25
- ☐ 25-50
- ☐ 51-100
- ☐ 101-200
- ☐ 201-400
- ☐ 401-800
- ☒ >800

18. What benefits or outcomes will be realized by the expenditure of funds requested? (Select each Benefit/Outcome 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 type="checkbox"/> Improve agricultural production/promotion/education		
<input type="checkbox"/> Improve quality of education		
<input type="checkbox"/> Enhance/preserve/improve environmental or fish and wildlife quality		
<input type="checkbox"/> Protect the general public from harm (environmental, criminal, etc.)		
<input checked="" type="checkbox"/> Improve transportation conditions	Ability to provide state officials with a weather system and modeling to warn motorists and post travel warnings prior to a major decline in visibility.	Measurement of the lead time or prediction window ahead of reduced visibility events to alert or redirect motorists.
<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 type="checkbox"/> Improve stormwater management		
<input type="checkbox"/> Improve groundwater quality		
<input type="checkbox"/> Improve drinking water quality		
<input type="checkbox"/> Improve surface water quality		
<input type="checkbox"/> Other (Please describe):		

19. Provide the total cost of the project for FY 2018-19 from all sources of funding (Enter ?0? if amount is zero):

Type of Funding	Amount	Percent of Total	Are the other sources of funds guaranteed in writing?
1. Amount Requested from the State in this Appropriations Project Request:	2,000,000	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	2,000,000	100%	

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

No