

Appropriations Project Request - Fiscal Year 2020-21

For projects meeting the Definition of House Rule 5.14

1. Title of Project: Florida Severe Weather Mesonet-Phase II
2. Date of Submission: 11/05/2019
3. House Member Sponsor: David Santiago
Members Copied:

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, Col. E
- b. What is the most recent fiscal year the project was funded? 2019-20
- 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:

FY:	Input Prior Year Appropriation for this project for FY 2019-20 <i>(If appropriated in 2019-20 enter the appropriated amount, even if vetoed.)</i>			Develop New Funds Request for FY 2020-21 <i>(Requests for additional RECURRING funds are prohibited.)</i>		
Column:	A	B	C	D	E	F
Funds Description:	Prior Year Recurring Funds	Prior Year Nonrecurring Funds	Total Funds Appropriated <i>(Recurring plus Nonrecurring: column A + column B)</i>	Recurring Base Budget <i>(Will equal non-vetoed amounts provided in Column A)</i>	Additional Nonrecurring Request	TOTAL Nonrecurring plus Recurring Base Funds <i>(Will equal the amount from the Recurring base in Column D plus the Additional Nonrecurring Request in Column E.)</i>
Input Amounts:		970,000	970,000		970,000	970,000

5. Are funds for this issue requested in a state agency's Legislative Budget Request submitted for FY 2020-21? 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? Executive Office of the Governor
 - 5c. Has the appropriate state agency for administering the funding, if the request were appropriated, been contacted? No
 - 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.
N/A

6. Requester:

- a. Name: Edward Mansouri
- b. Organization: WeatherSTEM, Inc.
- c. Email: emansouri@weatherstem.com
- d. Phone #: (850)297-1800

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

- a. Name: Edward Mansouri
- b. Organization: WeatherSTEM, Inc.
- c. Email: emansouri@weatherstem.com
- d. Phone #: (850)297-1800

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

- a. Name: Brad Burleson
- b. Firm: Ballard Partners
- c. Email: brad@ballardfl.com
- d. Phone #: (850)545-2219

9. Organization or Name of entity receiving funds:

- a. Name: WeatherSTEM, Inc.
- 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)

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

The purpose of this is to provide the Florida Division of Emergency Management with hyper-local, real-time weather data in strategic locations. This new data will provide critical information to assist FDEM in coordinating the deployment of resources to impacted areas during times of severe weather including hurricanes. With the combination of weather data coupled with images available every minute, emergency management officials and first responders will have the data and images at specific loc

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 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 type="checkbox"/> d. Consultants/Contracted Services/Study		
Operational Costs:		
<input type="checkbox"/> e. Salaries and Benefits		
<input checked="" type="checkbox"/> f. Expenses/Equipment/Travel/Supplies/Other	Purchase of fifty (50) weather stations and additional equipment; including modems, solar panels and batteries, cameras, mount and tower structures.	700,000
<input checked="" type="checkbox"/> g. Consultants/Contracted Services/Study	Maintenance contract for three (3) years on the equipment from the date of installation. Data storage and software development/upgrades for three years (3) from date of awarded	270,000

Fixed Capital Construction/Major Renovation:		
<input type="checkbox"/> h. Construction/Renovation/Land/Planning Engineering		
TOTAL		970,000

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)

- For Profit
- Non Profit 501(c) (3)
- Non Profit 501(c) (4)
- Local Government (e.g., police, fire or local government buildings, local roads, etc.)
- State agency owned facility (For example: college or university facility, buildings for public schools, roads in the state transportation system, etc.)
- Other (Please describe)

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?

Yes

15a. Please Describe:

Letters of support have been received from several counties in the state indicating their support of this initiative.

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?

he weather stations within the FDEM Mesonet would be outfitted with high-resolution cameras and installed in strategic locations across the state. Each station must be solar powered and contain a solar powered battery back-up, upload the data and camera images through

cellular connection every minute, and must be rated to withstand the up to 185 mph winds. These proactive steps will ensure that the systems can report when the crucial infrastructure is damaged during a severe weather event. The

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

The citizens near the FDEM Mesonet will benefit from receiving targeted responses after severe weather events. The data could be used to help federal partners, including the National Weather Service, issue severe weather watches and warnings based on the hyper-local data provided from the weather stations.

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)

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 checked="" type="checkbox"/> Protect the general public from harm (environmental, criminal, etc.)	The expected outcome of implementing an emergency management focused mesonet across the state is to provide FDEM data to inform officials on local weather conditions, especially during severe weather events. The vital data will support the decision-making process when state resources are required to respond to a natural disaster. The data collected from the mesonet stations can also be used for severe weather training exercises and research efforts.	The success of the program can be illustrated through a review of the installation and operation of the mesonet, and how FDEM benefited from the additional data reported during future weather events.
<input type="checkbox"/> Improve transportation conditions		

<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 2020-21 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:	970,000	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	970,000	100%	

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

Yes

20a. How much state funding would be requested after 2020-21 over the next 5 years?

<1M

1-3M

>3-10M

>10M

20b. How many additional years of state support do you expect to need for this project?

1 year

2 years

3 years

4 years

>= 5 years

20c. What is the total project cost for all years including all federal, local, state, and any other funds? Select the single answer which best describes the total project cost. If funds requested are for ongoing services or for recurring activities, select "ongoing activity".

Ongoing activity – no total cost

<1M

1-3M

>3-10M

>10M