



# The Florida Senate

## Local Funding Initiative Request - Fiscal Year 2018-2019

1. **Title of Project:** Solar Traffic Signal - Test bed

2. **Senate Sponsor:** Darryl Rouson

3. **Date of Submission:** 01/04/2018

4. **Project/Program Description:**

This request is for funding to utilize the latest battery, solar, and traffic signal equipment to develop and install a new power outage resilient traffic signal. The intent would be to reduce power dependency from the power grid while significantly extending the operating life of a traffic signal during power outages.

5. **State Agency Contacted?** Yes

a. If yes, which state agency? Department of Transportation

b. If no, which is the most appropriate state agency to place an appropriation for the issue being requested?

6. **Amount of Non-recurring Requested for fiscal year 2018-19:**

Amount Requested for Operations	Amount Requested for Fixed Capital Outlay	Total Amount of Requested State Funds
250,000		250,000

7. **Type, amount and percent of matching funds available for this project for fiscal year 2018-19:**

Type	Amount	Percent
Federal	0	0.0%
State (excluding the amount of this request)	0	0.0%
Local	50,000	16.7%
Other	0	0.0%
TOTAL	50,000	16.7 %

8. **Total Project Cost for fiscal year 2018-19 (including the Total Amount of Requested State Funds):** 300,000

9. **Previous Year Funding Details:**

a. Has funding been provided in a previous state budget for this activity? No

b. In the previous 5 fiscal years, how many years was funding provided? (Optional)

c. What is the most recent fiscal year the project was funded?

d. Were the funds provided in the most recent fiscal year subsequently vetoed?

e. Complete the following Worksheet.



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<b>FY:</b>	<b>Input Prior FY Appropriation for this project for FY 2017-18</b> (If appropriated in FY 2017-18 enter the appropriated amount, even if vetoed.)		
<b>Column:</b>	<b>A</b>	<b>B</b>	<b>C</b>
<b>Funds Description:</b>	<b>Prior Year Recurring Funds *</b>	<b>Prior Year Nonrecurring Funds *</b>	<b>Total Funds Appropriated (Column A + Column B)</b>
<b>Input Amounts:</b>			

**10. Is future-year funding likely to be requested?**

No

**11. Program Performance:**

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

To develop and install a battery/solar powered traffic signal equipment to provide power outage protection for traffic control devices.

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

Work with FDOT, FHWA, DEO, and all other partners to develop a resilient power source for vital traffic control devices.

**c. How will the funds be expended?**

Spending Category	Description	Amount
Administrative Costs		
<input type="checkbox"/> Executive Director/Project Head Salary and Benefits		
<input type="checkbox"/> Other Salary and Benefits		
<input type="checkbox"/> Expense/Equipment/Travel/Supplies/Other		
<input checked="" type="checkbox"/> Consultants/Contracted Services/Study	Project Development and research, equipment purchase and installation.	250,000
Operational Costs		
<input type="checkbox"/> Salary and Benefits		



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<input type="checkbox"/> Expense/Equipment/Travel/Supplies/Other		
<input type="checkbox"/> Consultants/Contracted Services/Study		
Fixed Capital Construction/Major Renovation		
<input type="checkbox"/> Construction/Renovation/Land/Planning Engineering		
TOTAL		250,000

**d. What are the direct services to be provided to citizens by the appropriations project?**

Develop a resilient power supply to operate traffic control devices during a power outage. This will improve the safety of the transportation system users, as well as law enforcement and emergency services staff.

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

The public, residents, visitors, law enforcement, and emergency services providers.

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

Potential for nationwide benefit with the successful development of solar/battery traffic control equipment. The long term power outages of the recent Hurricane Irma resulted in non-operational traffic signals for up to 5 days. This resulted in an unexpected dedication of valuable law enforcement staff just to control the intersections manually.

**g. 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 in the contract?**

Grant approvals and allocations should be based on the ability and success of the grantee to deliver projects on-time and anticipated performance improvements. If these are not met future appropriations and approvals should be withheld.

**12. The owner(s) of the facility to receive, directly or indirectly, any fixed capital outlay funding. Include the relationship between the owner(s) of the facility and the entity.**

Pinellas County.

**13. Requestor Contact Information:**

- a. **Name:** Ken Jackson
- b. **Organization:** Pinellas County
- c. **Email:** kjacbos@pinellascounty.org
- d. **Phone Number:** (727)464-8928

**14. Recipient Contact Information:**

- a. **Organization:** Pinellas County



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**b. County:** Pinellas

**c. Organization Type:**

- For Profit
- Non Profit 501(c) (3)
- Non Profit 501(c) (4)
- Local Entity
- University or College
- Other (Please specify)

**d. Contact Name:** Ken Jackson

**e. E-mail Address:** kjacbos@pinellascounty.org

**f. Phone Number:** (727)464-8928

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

**a. Name:** Martha Edenfield

**b. Firm:** Dean Mead

**c. Email:** medenfield@deanmead.com

**d. Phone Number:** (850)999-4100