

# Appropriations Project Request - Fiscal Year 2020-21

## For projects meeting the Definition of House Rule 5.14

1. Title of Project: Longboat Key - Smart City Implementation
2. Date of Submission: 11/12/2019
3. House Member Sponsor: Will Robinson  
Members Copied:

### 4. DETAILS OF AMOUNT REQUESTED:

- a. 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, Col. E***
- b. What is the most recent fiscal year the project was funded?
- c. Were the funds provided in the most recent fiscal year subsequently vetoed?
- 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>	<b>Additional Nonrecurring Request</b>	<b>TOTAL Nonrecurring plus Recurring Base Funds</b>  <i>(Will equal the amount from the Recurring base in Column D plus the Additional Nonrecurring Request in Column E.)</i>
Input Amounts:					2,070,980	2,070,980

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? Public Service Commission
  - 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.  
Reduction in funding amount

6. Requester:

- a. Name: Thomas Harmer
- b. Organization: Town of Longboat Key
- c. Email: tharmer@longboatkey.org
- d. Phone #: (941)316-1999

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

- a. Name: Thomas Harmer
- b. Organization: Town of Longboat Key
- c. Email: tharmer@longboatkey.org
- d. Phone #: (941)316-1999

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

- a. Name: David Ramba
- b. Firm: Ramba Consulting Group
- c. Email: david@rambaconsulting.com
- d. Phone #: (850)443-4444

9. Organization or Name of entity receiving funds:

- a. Name: Town of Longboat Key
- b. County (County where funds are to be expended): Manatee, Sarasota
- c. Service Area (Counties being served by the service(s) provided with funding): Manatee, Sarasota

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 funds will assist in the Town of Longboat Key becoming the first coastal barrier island that is has integrated town-wide fiber backbone and installed antenna ready "smart light poles" and fiber infrastructure to facilitate 5G implementation throughout the community. The integration of 5G into a coastal barrier island encourages technological innovation including enhanced communications, storm readiness and resiliency, and public facility monitoring and connectivity.

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 type="checkbox"/> f. Expenses/Equipment/Travel/Supplies/Other		
<input checked="" type="checkbox"/> g. Consultants/Contracted Services/Study	Design fees for fiber/wireless technology	311,830
Fixed Capital Construction/Major Renovation:		
<input checked="" type="checkbox"/> h. Construction/Renovation/Land/Planning Engineering	Labor, materials, poles, and related equipment to install a Smart City concept addition to street lighting system to include provisions and deployment of a fiber based network	1,759,150

	technology for enhanced wireless systems to include future 5g technology	
TOTAL		2,070,980

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?

Yes

14a. Will this information technology project be managed within a state agency to support state agency program goals?

Yes

14b. What is the total cost (all years) to design and build the project?

2,070,980

14c. What are the ongoing (annual recurring) maintenance and operation costs once the project is completed?

200,000

14d. Can the state agency fund the ongoing annual recurring costs within its current operating budget?

No

14e. What are the specific business objectives or needs the IT project is intended to address?

The project is intended to implement 5G technology town-wide on Longboat Key. 5G technology will enhance connectivity for the residents and visitors and resolve the 'gaps' in cellular coverage due to the town-wide installation. This will enhance communication with

the public; enable the Town to monitor public infrastructure, water quality conditions, storm impacts and resiliency, public infrastructure and conditions; and address existing public safety concerns due to "gaps" in cell coverage.

14f. Based upon the identified business objectives or needs, what are the success factors that must be realized in order for the state agency to consider the proposed IT project a success?

Implementation of 5G coverage within the Town of Longboat Key through cellular providers use of the smart light poles and other town-wide small cell infrastructure.

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:

Yes, the Town of Longboat Key has received approval through 2 referenda for the issuance of debt to underground all overhead utilities and install fiber town-wide . The debt issuance referenda were held on 11/3/15 for the Gulf of Mexico portion of project (\$25,250,000) and 3/15/16 for the Neighborhoods portion of project(\$23,850,000). Both referenda approvals are documented in the Town Commission's meeting minutes (11/9/15 and 3/21/16, respectively) where the election results were certified.

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:

Yes funds needed to install "smart poles" has been documented by: Brannon and Gillespie Consultants: Undergrounding Feasibility Study and Analysis 2014 including fiber concepts as part of the project; Willdan Financial Services: Undergrounding Assessment Methodology Reports 2016 and 2017 for assessments of parcels including fiber, street light and wireless technology; Magellan Advisors- Fiber Opportunity Analysis, 2016, Smart Street Lighting Analysis-Concepts 2017; and CDM Smith, Cost analysis.

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?

The funds will be used to acquire enhanced infrastructure integrated into town-wide street lighting that are fiber ready and will incorporate cellular ready antenna poles into the street-lighting. Accordingly, the existing street lighting will be multi-functional in providing lighting and cellular service to the public.

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

The direct services will be enhanced 5G service from cellular providers that are using the readily available town-infrastructure.

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): 2017 census indicated that the median age of residents within the Town is 71

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	Describe the method for measuring level
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	or outcome	of benefit
<input checked="" type="checkbox"/> Improve physical health	An improved fiber/wireless network will better able the Town's residents to transmit medical records to and from medical practitioners.	Enhanced town-wide cellular service will provide an improved means of communication and facilitate public safety response to all areas of the island. The Town's Fire Department can be contacted regarding increased benefit/outcome from the project.
<input checked="" type="checkbox"/> Improve mental health	An improved fiber network will better able the public to communicate and seek assistance for mental health issues.	Enhanced town-wide cellular service will provide an improved means of communication and facilitate public safety response to all areas of the island. The Town's Fire Department can be contacted regarding increased benefit/outcome from the project.
<input checked="" type="checkbox"/> Enrich cultural experience	Improved connectivity will enable the Town and the public to communicate about local, cultural events.	Enhanced town-wide cellular service will provide an improved means of communication to the public relating to cultural events.
<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.)	Improved connectivity will enable the Town and the public to communicate about local conditions from storm events, tidal activity (ie "King tide" events) and localized flooding, red tide conditions.	Enhanced town-wide cellular service will provide an improved means of communication to the public regarding the actual conditions on the island. The Town's Public Works Department can be contacted regarding increased benefit/outcome

		from the project.
<input checked="" type="checkbox"/> Improve transportation conditions	Improved connectivity will enable the Town and the public to provide real time communication about localized traffic (on and off the island) and evacuation routes (in anticipation of storm events).	Enhanced town-wide cellular service will provide an improved means of communication to the public regarding the actual conditions on and off the island. The Town's Public Works Department can be contacted regarding increased benefit/outcome from the project.
<input checked="" type="checkbox"/> Increase or improve economic activity	Improved connectivity will enable the Town, the businesses located in the Town, and the public to conduct business using the 5G infrastructure from the island.	The Longboat Key Chamber of Commerce can be contacted relating to benefits/outcome to members from project.
<input checked="" type="checkbox"/> Increase tourism	Improved connectivity will enable the Town's hotel operators and visitors to utilize the 5G infrastructure from the island. This may be an additional draw for visitors to the Town.	Hotel occupancy numbers can be measured before and after the project's installation.
<input checked="" type="checkbox"/> Create specific immediate job opportunities	The fiber installation may provide job opportunities in connection with the overall utility and fiber installation project being undertaken by the Town.	The fiber installer and "smart pole" vendor can be contacted regarding the number of jobs created by this portion of the project.
<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 checked="" type="checkbox"/> Improve wastewater management	Improved connectivity will enable the Town's Public Works Department to monitor its pumping facilities and better communicate with the public regarding any issues or local conditions from storm events.	Enhanced town-wide cellular service will provide an improved means of communication to the public regarding the pumping stations and wastewater conditions on the island. The Town's Public Works Department can be contacted regarding increased benefit/outcome from the project.
<input checked="" type="checkbox"/> Improve stormwater management	Improved connectivity will enable the Town's Public Works Department to monitor stormwater discharge from properties.	Enhanced town-wide cellular service will provide an improved means of communication to the public regarding the actual stormwater discharge from properties on and off the island. The Town's Public Works Department can be contacted regarding increased benefit/outcome from the project.
<input checked="" type="checkbox"/> Improve groundwater quality	Improved connectivity will enable the Town's Public Works Department to monitor groundwater issues (ie, infiltration and salt intrusion) and address potential water quality impacts.	Enhanced town-wide cellular service will provide an improved means of communication to the public regarding the actual groundwater quality conditions on the island. The Town's Public Works Department can be contacted regarding increased benefit/outcome from the project.
<input type="checkbox"/> Improve drinking water quality		
<input type="checkbox"/> Improve surface water quality		
<input checked="" type="checkbox"/> Other (Please describe): Storm/Hurricane Resiliency	An improved 5G/fiber network will better able the Town's residents, visitors, and local government to communicate before, during and after	Enhanced town-wide cellular service will provide an improved means of communication to the public regarding storm events that threaten

	a storm event with the public. The Town will have a better network to communicate the latest information regarding storm threats, evacuations, damage, and re-entry information within the community.	or impact the island. The Town Manager can be contacted regarding increased benefit/outcome from the project.
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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:	2,070,980	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
<b>TOTAL</b>	<b>2,070,980</b>	<b>100%</b>	

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