1. Project Title  
Lehigh Acres Municipal Services - Caloosahatchee River & Estuary Storage and Treatment

2. Senate Sponsor  
Ben Albritton

3. Date of Request  
02/18/2021

4. Project/Program Description

The CREST project is an innovative project that combines the benefit of water quality treatment and flood attenuation. The treatment is obtained through the diversion of storm water from Hendry Canal as an on-line retention structural BMP, through a series of treatment swales during the typical rainy season high flows, thus reducing nitrogen and phosphorus discharges back into the Hendry Canal and soon into the Caloosahatchee River. The river is impaired by total nitrogen and total phosphorus. The second component will be rolled out during a major rain event. The 105-acre project would then use its minor impoundment design to provide flood attenuation and regulate peak freshwater flows to the Caloosahatchee River and estuaries.

5. State Agency to receive requested funds  
Department of Environmental Protection

State Agency contacted? No

6. Amount of the Nonrecurring Request for Fiscal Year 2021-2022

<table>
<thead>
<tr>
<th>Type of Funding</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operations</td>
<td>30,000</td>
</tr>
<tr>
<td>Fixed Capital Outlay</td>
<td>2,000,000</td>
</tr>
<tr>
<td>Total State Funds Requested</td>
<td>2,030,000</td>
</tr>
</tbody>
</table>

7. Total Project Cost for Fiscal Year 2021-2022 (including matching funds available for this project)

<table>
<thead>
<tr>
<th>Type of Funding</th>
<th>Amount</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total State Funds Requested (from question #6)</td>
<td>2,030,000</td>
<td>100%</td>
</tr>
<tr>
<td>Matching Funds</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Federal</td>
<td>0</td>
<td>0%</td>
</tr>
<tr>
<td>State (excluding the amount of this request)</td>
<td>0</td>
<td>0%</td>
</tr>
<tr>
<td>Local</td>
<td>0</td>
<td>0%</td>
</tr>
<tr>
<td>Other</td>
<td>0</td>
<td>0%</td>
</tr>
<tr>
<td>Total Project Costs for Fiscal Year 2021-2022</td>
<td>2,030,000</td>
<td>100%</td>
</tr>
</tbody>
</table>

8. Has this project previously received state funding? Yes

<table>
<thead>
<tr>
<th>Fiscal Year (yyyy-yy)</th>
<th>Amount</th>
<th>Specific Appropriation #</th>
<th>Vetoed</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Recurring</td>
<td>Nonrecurring</td>
<td></td>
</tr>
<tr>
<td>2020-21</td>
<td>0</td>
<td>77,000</td>
<td>No</td>
</tr>
</tbody>
</table>

9. Is future funding likely to be requested? Yes

a. If yes, indicate nonrecurring amount per year. 2,500,000

b. Describe the source of funding that can be used in lieu of state funding. 

Bonds or loans FDEP’s Water Quality Grant or EPA’s 319 Grant.

10. Has the entity requesting this project received any federal assistance related to the COVID-19 pandemic?
11. Details on how the requested state funds will be expended

<table>
<thead>
<tr>
<th>Spending Category</th>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Administrative Costs:</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Executive Director/Project Head</td>
<td></td>
<td>0</td>
</tr>
<tr>
<td>Salary and Benefits</td>
<td></td>
<td>0</td>
</tr>
<tr>
<td>Other Salary and Benefits</td>
<td></td>
<td>0</td>
</tr>
<tr>
<td>Expense/Equipment/Travel/Supplies/Other</td>
<td></td>
<td>0</td>
</tr>
<tr>
<td>Consultants/Contracted Services/Study</td>
<td>Aim Engineering; Bidding, inspection and close-out services.</td>
<td>30,000</td>
</tr>
<tr>
<td><strong>Operational Costs: Other</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Salary and Benefits</td>
<td></td>
<td>0</td>
</tr>
<tr>
<td>Expense/Equipment/Travel/Supplies/Other</td>
<td></td>
<td>0</td>
</tr>
<tr>
<td>Consultants/Contracted Services/Study</td>
<td></td>
<td>0</td>
</tr>
<tr>
<td><strong>Fixed Capital Construction/Major Renovation:</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Construction/Renovation/Land/Planning Engineering</td>
<td>LA-MSID’s CREST Phase I project was the design and permitting processes and they are complete. The CREST Phase II project is an innovative project that combines the benefit of water quality treatment and flood attenuation. The treatment is obtained through the diversion of storm water from Hendry Canal as an on-line retention structural BMP, through a series of treatment swales during the typical rainy season high flows, thus reducing nitrogen and phosphorus discharges back into Hendry Canal.</td>
<td>2,000,000</td>
</tr>
</tbody>
</table>

**Total State Funds Requested (must equal total from question #6)** 2,030,000

12. Program Performance

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

LA-MSID intends to build half of the project in Phase II. The ultimate goal is to reduce freshwater flow to the Caloosahatchee River and eventually to the estuaries where there is an overbalance of fresh water in the estuaries, during the rainy season. The finished product of CREST will reduce Total Nitrogen 4,647 lbs. per year and 2054 lbs per year of Total Phosphorous.

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

This funding would build half of this project, including 3 gated structures, a catchment area, swales and a 1.5-acre lake. Following the completion of this project, staff will begin the operational phase. The gates will be regulated to allow for full-depth swale flows through the 7,000-feet of meandering swales. Staff will grab samples at inflow and the discharge of the process monthly to measure the reduction of nitrogen and phosphorus.

c. What direct services will be provided to citizens by the appropriation project?

The project provides direct water quality benefits. The other direct benefit is flood control. At times during extra large rain events, like Hurricane Irma, residents that live on Bedman’s Creek, which is north of the Dog Canal and outside of our District boundaries, have experienced flooding. This project incorporates a by-pass canal from Dog Canal to Hendry Canal for relief, plus approximately 570-acre/ft of emergency storage.

d. Who is the target population served by this project? How many individuals are expected to be served?
The target population is about 2 square miles and 300 people in Hendry County and 18 square miles and 20,000 people in Lee County.

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

The benefits of this project are measurable. Zero flooding events inside of the Carlos Waterway basin (where CREST RESIDES) or on Bedman's Creek in the 20-years following construction of Phase II and Phase III. The finished product of CREST will reduce Total Nitrogen 4,647 lbs. per year and 2054 lbs per year of Total Phosphorous. Staff will grab samples at in inflow and the discharge of the process monthly to measure the reduction of nitrogen and phosphorus.

f. 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 the contract?

The District would be ineligible to submit for an appropriation for 2 legislative sessions.

13. The owners of the facility to receive, directly or indirectly, any fixed capital outlay funding. Include the relationship between the owners of the facility and the entity.

Lehigh Acres
14. Requestor Contact Information
   a. First Name  David  Last Name  Lindsay
   b. Organization  Lehigh Acres Municipal Services Improvement District
   c. E-mail Address  dlindsay@la-msid.com
   d. Phone Number  (239)410-2855

15. Recipient Contact Information
   a. Organization  Lehigh Acres Municipal Services Improvement District
   b. Municipality and County  Lee
   c. Organization Type
      ☑ Local Entity
      ☐ Non Profit 501(c)(3)
      ☐ Non Profit 501(c)(4)
      ☐ For Profit Entity
      ☐ University or College
      ☐ Other (please specify)
   d. First Name  David  Last Name  Lindsay
   e. E-mail Address  dlindsay@la-msid.com
   f. Phone Number  (239)410-2855

16. Lobbyist Contact Information
   a. Name  David Ramba
   b. Firm Name  Ramba Consulting Group
   c. E-mail Address  david@rambaconsulting.com
   d. Phone Number  (850)443-4444
Please complete the questions below for Water Projects only.

17. Have you applied for alternative state funding?

- Waste Water Revolving Loan
- Drinking Water Revolving Loan
- Small Community Wastewater Treatment Grant
- ☒ Other (please specify) FDEP SWAG Grant
- ☐ N/A

18. What is the population economic status?

- ☐ Financially Disadvantaged Community (ch. 62-552, F.A.C)
- ☐ Financially Disadvantaged Municipality (ch. 62-552, F.A.C)
- ☐ Rural Area of Economic Concern
- ☐ Rural Area of Opportunity (s. 288.0656, Florida Statutes)
- ☒ N/A

19. What is the status of construction?

Ready

20. What percentage of the construction has been completed?

0%

21. What is the estimated completion date of construction?

09/30/2022