1. Project Title: Coral Gables Comprehensive I&I Program

2. Senate Sponsor: Anitere Flores

3. Date of Request: 12/10/2019

4. Project/Program Description:
The City of Coral Gables plans to continue with the Inflow and Infiltration (I&I) program that addresses gravity sewer system defects identified in the Sanitary Sewer Evaluation Survey (SSES) and reduce the I&I in the identified basins. As a part of this program, the City plans to procure the services of a sewer rehabilitation contractor for the repair, rehabilitation, and lining of segments of sewer lines identified in the survey.

5. State Agency to receive requested funds: Department of Environmental Protection
   State Agency contacted? Yes No

6. Amount of the Nonrecurring Request for Fiscal Year 2020-2021

<table>
<thead>
<tr>
<th>Type of Funding</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operations</td>
<td>000</td>
</tr>
<tr>
<td>Fixed Capital Outlay</td>
<td>541,000</td>
</tr>
<tr>
<td><strong>Total State Funds Requested</strong></td>
<td><strong>541,000</strong></td>
</tr>
</tbody>
</table>

7. Total Project Cost for Fiscal Year 2020-2021 (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>541000</td>
<td>50.0 %</td>
</tr>
<tr>
<td>Matching Funds</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Federal</td>
<td>00</td>
<td>0 %</td>
</tr>
<tr>
<td>State (excluding the amount of this request)</td>
<td>00</td>
<td>0 %</td>
</tr>
<tr>
<td>Local</td>
<td>541,000</td>
<td>50 %</td>
</tr>
<tr>
<td>Other</td>
<td>00</td>
<td>0 %</td>
</tr>
<tr>
<td><strong>Total Project Costs for Fiscal Year 2020-2021</strong></td>
<td><strong>1,082,000</strong></td>
<td><strong>100 %</strong></td>
</tr>
</tbody>
</table>

8. Has this project previously received state funding? Yes No
   If yes, provide the most recent instance:

<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>
</tbody>
</table>

9. Is future-year funding likely to be requested? Yes No
   If yes, indicate nonrecurring amount per year.
10. 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 Salary and Benefits</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other Salary and Benefits</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Expense/Equipment/Travel/Supplies/Other</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Consultants/Contracted Services/Study</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Operational Costs: Other</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Salary and Benefits</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Expense/Equipment/Travel/Supplies/Other</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Consultants/Contracted Services/Study</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Fixed Capital Construction/Major Renovation:</strong></td>
<td>The City plans to procure the services of a sewer rehabilitation contractor for the repair, rehabilitation, and lining of sewer lines identified in the Sanitary Sewer Evaluation Survey which was performed by the City.</td>
<td>541,000</td>
</tr>
</tbody>
</table>

**Total State Funds Requested (must equal total from question #6)**

541,000
11. **Program Performance**

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

      The comprehensive Inflow and Infiltration Program has the objective of reducing the amount of stormwater and groundwater that enters into the City’s sanitary sewer system. It is anticipated that by implementing this program, the occurrence of the sanitary sewer overflows, which adversely affect the public and public health, will be reduced. Additionally, the project achieves the goal of protecting an impaired water body (Coral Gables Canal – WBID 3292) from contamination related to sanitary sewer. The project proposes to continue with the rehabilitation of deteriorated sanitary sewer system lines within the City which have an average of over 50 years and thereby decrease nutrient loading into water bodies. It will also assist to reducing the City’s utility capital, operational, and maintenance costs.

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

      The City’s contractor will perform point repairs and cured-in-place lining of the City’s gravity sewer lines that will rehabilitate the line and prevent stormwater and groundwater from entering the system. The improvements will also prevent effluent flows from escaping the line and impacting groundwater and adjacent water body quality and reduce flow to treatment plants. The contractor will also be performing manhole rehabilitation, frame and cover replacement, and existing liner repair and replacement.

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

      It is anticipated that by continuing with this program, the occurrence of the sanitary sewer overflows, which adversely affect the public and public health, will be reduced. Additionally, the project achieves the goal of protecting groundwater and adjacent water bodies from contamination related to the sanitary sewer. Furthermore, this form of rehabilitation will reduce the impact to the traveling public by greatly reducing the need for conventional excavations in roadways to expose and repair the sewer lines.

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

      The continued implementation of this project will benefit residents, business owners, and visitors to the City by the reduced likelihood of exposure to contaminated waters. The project will also reduce the City’s utility capital, operational, and maintenance costs which will allow the City to redirect funding to further improve the resilience and efficiency of the sanitary sewer system. The implementation of this project will also benefit Miami-Dade County as a whole by reducing the likelihood of effluent flows escaping the line and impacting groundwater, adjacent water bodies, and canals that ultimately discharge in Biscayne Bay.

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

      The anticipated benefits are a reduction in the infiltration of stormwater and groundwater in the sanitary sewer system, less frequent occurrences of the sanitary sewer overflows, and reduced impacts to the quality of groundwater and adjacent water bodies.

   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 in the contract?

      The proposed method of rehabilitating the sewer lines has been successfully implemented by the City in the past and the project carries a very low risk of failure. The survey performed by the City has identified the segments of sewer line in need of rehabilitation and the estimated quantities will be accounted for in the project's budget. The contract will include liquidated damages and the requirement of bid and performance bonds that will help ensure the success of the project.
12. 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.

The City of Coral Gables is requesting the funding and is responsible for the maintenance of the sanitary sewer system that service areas throughout the City.

13. Requestor Contact Information
   a. First Name Naomi
   b. Organization City of Coral Gables
   c. E-mail Address nlevi-garcia@coralgables.com
   d. Phone Number (305)490-3414

14. Recipient Contact Information
   a. Organization City of Coral Gables
   b. Municipality and County Miami-Dade
   c. Organization Type
      - For-profit Entity
      - Non-Profit 501(c) (3)
      - Non-Profit 501(c) (4)
      - Local Entity
      - University or College
      - Other (please specify)
   d. First Name Jorge
   e. E-mail Address jgomez2@coralgables.com
   f. Phone Number (305)4605037

15. Lobbyist Contact Information
   a. Name Nelson Diaz
   b. Firm Name Southern Group
   c. E-mail Address
   d. Phone Number (305)4903414
Please complete the questions below for Water Projects only.

16. Have you applied for alternative state funding?
   - Waste Water Revolving Loan
   - Drinking Water Revolving Loan
   - Small Community Wastewater Treatment Grant
   - Other (please specify) □
   - N/A □

17. 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 □

18. What is the status of construction?
   - Not ready.

19. What percentage of the construction has been completed?
   - 0%

20. What is the estimated completion date of construction?
   - 8/31/2020

The information provided will be posted to the Florida Senate website for public viewing if sponsored by a Senator.