1. **Project Title**: Orange City Blue Spring Nutrient Reduction - Septic to Sewer Conversion

2. **Senate Sponsor**: David Simmons

3. **Date of Request**: 12/03/2019

4. **Project/Program Description**

Blue Spring/Spring Run is about 1 mile west of City limit in Volusia County. Volusia Blue Spring/Volusia Blue Spring Run is defined by the Florida Department of Environmental Protection (FDEP) as a “Nutrient Impaired Springs and Spring Run” (March 2009 Report). Blue Spring meets the criteria of Chapter 62-303.350, F.A.C., as being impaired by nutrients. Total Maximum Daily Limits (TMDL) have been established for Blue Spring and a BMAP process has been initiated. The St. Johns River Water Management District (SJRWMD) has adopted a minimum flows regime for the spring and FDEP has adopted Total Maximum Daily Load (TMDL) to bring this first magnitude spring back to his original state. Septic tanks are considered the biggest contributors to Blue Spring nutrients. The City’s septic tanks phase out project includes constructing four (4) collection systems, sewer transmission, and reclaimed water expansion along the City’s CRA.

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>93,000</td>
</tr>
<tr>
<td>Fixed Capital Outlay</td>
<td>658,353</td>
</tr>
<tr>
<td><strong>Total State Funds Requested</strong></td>
<td>751,353</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>751353</td>
<td>79.0 %</td>
</tr>
<tr>
<td><strong>Matching Funds</strong></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>200,000</td>
<td>21 %</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>951,353</td>
<td>100 %</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.  2,000,000
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>Staff time for media advertisement and public information</td>
<td>93,000</td>
</tr>
<tr>
<td>Expense/Equipment/ Travel/Supplies/Other</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Consultants/Contracted Services/Study</td>
<td>Construction engineering services</td>
<td>55,000</td>
</tr>
<tr>
<td><strong>Operational Costs: Other</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Salary and Benefits</td>
<td></td>
<td></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></td>
<td></td>
</tr>
<tr>
<td>Construction/Renovation/ Land/Planning Engineering</td>
<td>Connection and septic tank abandonment fees for Parcels along new constructed sewer system.</td>
<td>603,353</td>
</tr>
<tr>
<td><strong>Total State Funds Requested (must equal total from question #6)</strong></td>
<td></td>
<td>751,353</td>
</tr>
</tbody>
</table>
The Florida Senate
Local Funding Initiative Request
Fiscal Year 2020-2021

LFIR # 1969

11. Program Performance

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

The City's goal is to connect all parcels along US 17/92 to a sewer collection system. The County and City's Blue Spring nutrient reduction septic tank phase-out will reduce nutrient impacts to already impaired Blue Springs in Volusia County. Also, reclaimed water expansion will assist with the State desired to improve Blue Spring/Blue Spring Run minimum flows and levels (MFLs). The CRA infrastructure improvement is an environmentally, advantageous, and economically sustainable plan, including improvements to existing businesses and residential parcels, which will increase property value.

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

Septic tanks removal and connection to new-sly constructed sewer collection system.

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

The positive returns that the State will receive by providing the funds under Blue Spring Funding are as follows:

• Nutrient Impaired Spring and Spring Runs Protection (Chapter 62-303.350): Septic tanks abandonment and MFLs.
• Build a strong community: Blue Spring continues to attract people to our City and provides immeasurable natural and recreational economic benefits for residents and visitors.
• Public Education: The abandonment of septic tanks and related nutrient reduction to protect our valuable resources serve as a tool for citizens' education along with the State's commitment to accommodate growth. The City will be able to display the benefits of stormwater collection and treatment while enjoying the recreational use offered by Blue Spring and Mill Lake Parks.

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

The Orange City CRA along UC 17/92 will benefit from this project. The City will continue the CRA septic system phase-out project and it is expecting the entire area will be served by a County sewer collection system within the next 10 years. A total of 929 parcels will benefit from this project including but not limited to higher real state property value.

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

Compliance with State Chapter 62-303.350. The expected benefit from this project is the Blue Springs nutrient reduction, which will reduce algal bloom improving its water quality and fish and wildlife. The expansion of reclaimed water as an alternative water supply will improve Springs minimum flows and levels (MFLs ). The first collection system area is under construction and designed to replace 179 septic tanks. An approximated 16,000 lb/year of total nitrogen and 475 lbs/year of total phosphorous will be removed from the aquifer with this project. Nutrient reduction calculations will be performed for each septic tank removed.

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?

Regulatory non-compliance with City's aquifer consumptive use Permit with minimum flows and levels and failure to meet nutrient reductions as required under total maximum daily loads established for Blue Spring and Blue Spring Run.
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 fixed capita will be part of the City of Orange City utility enterprise.

13. Requestor Contact Information
   a. First Name Migdalia
   b. Organization City of Orange City (Public Works Director)
   c. E-mail Address mhernandez@ourorangecity.com
   d. Phone Number (386)775-5446 Ext.

14. Recipient Contact Information
   a. Organization City of Orange City
   b. Municipality and County Volusia
   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 Dale
   e. E-mail Address darrington@ourorangecity.com
   f. Phone Number (386)7755408

15. Lobbyist Contact Information
   a. Name None
   b. Firm Name None
   c. E-mail Address
   d. Phone Number Ext.
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?
   - First Area of sewer collection system is under construction

19. What percentage of the construction has been completed?
   - 80%

20. What is the estimated completion date of construction?
   - 12/01/2021

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