1. Project Title: West Palm Beach SCADA Cybersecurity Technology Upgrades

2. Senate Sponsor: Bobby Powell

3. Date of Request: 10/30/2019

4. Project/Program Description:
   The City of West Palm Beach operates a 47 MGD water treatment plant with an average day demand of approximately 28 MGD. The facility is monitored and controlled through the Supervisory Control and Data Acquisition system (SCADA) and manned twenty-four hours per day. The water distribution system includes six water storage and pumping locations which are also controlled by the plant SCADA system. The SCADA system and control network have reached their useful life and much of the equipment is no longer supported by the manufacturers. The continued use of this non-supported and legacy equipment has been identified as a possible weakness in our control network creating risk for system intrusion and potential breach directly impacting our water supply.

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

7. Total Project Cost for Fiscal Year 2020-2021 (including matching funds available for this project)
   Type of Funding                  Amount          Percentage
   Total State Funds Requested (from question #6)  250000       10.0 %
   Matching Funds                   
   Federal                         00               0 %
   State (excluding the amount of this request)  00               0 %
   Local                            2,296,900       90 %
   Other                            00               0 %
   Total Project Costs for Fiscal Year 2020-2021  2,546,900       100 %

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></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

9. Is future-year funding likely to be requested?  Yes  No
   If yes, indicate nonrecurring amount per year.
## 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>Costs for hardware and software upgrades</td>
<td>250,000</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></td>
<td></td>
</tr>
<tr>
<td>Construction/Renovation/Land/Planning/Engineering</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Total State Funds Requested (must equal total from question #6)</strong></td>
<td>250,000</td>
<td></td>
</tr>
</tbody>
</table>
11. **Program Performance**
   a. **What specific purpose or goal will be achieved by the funds requested?**
      
      Improve cybersecurity by upgrading the current SCADA network to avoid potential breach of system that can impact water supply including quality of water and public safety.

   b. **What activities and services will be provided to meet the intended purpose of these funds?**
      
      Utilize upgraded network monitoring tools to determine anomalies and potential harmful access for proactive response to protect quality of water supply.

   c. **What direct services will be provided to citizens by the appropriation project?**
      
      Protection of water supply though modernized SCADA technology tools.

   d. **Who is the target population served by this project? How many individuals are expected to be served?**
      
      Public Utilities Water customers

   e. **What is the expected benefit or outcome of this project? What is the methodology by which this outcome will be measured?**
      
      Upgrade and harden network to implement necessary tools for network security monitoring to protect water supply.

      Project success determined when all identified tools are installed and fully operational to monitor designated network.

   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?**
      
      Clawback of funds
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.**

   n/a

13. **Requestor Contact Information**
   a. First Name  Paul  
   b. Organization  City of West Palm Beach  
   c. E-mail Address  pjones@wpb.org  
   d. Phone Number  (561)822-1219  Ext.  

14. **Recipient Contact Information**
   a. Organization  City of West Palm Beach  
   b. Municipality and County  Palm Beach  
   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  Christine  
   e. E-mail Address  cbrevik@wpb.org  
   f. Phone Number  (561)8221400  

15. **Lobbyist Contact Information**
   a. Name  Joseph Salzverg  
   b. Firm Name  Gray|Robinson  
   c. E-mail Address  joseph.salzverg@gray-robinson.com  
   d. Phone Number  (305)9249904  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) [ ]
   - [x] 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)
   - [x] N/A

18. **What is the status of construction?**
   Planning of technical environment is currently underway.

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

20. **What is the estimated completion date of construction?**
   2022

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