1. **Project Title**  
Miramar SCADA System Cybersecurity Improvements Project

2. **Senate Sponsor**  
Oscar Braynon

3. **Date of Request**  
11/12/2019

4. **Project/Program Description**
Funding will allow for these improvements that will provide a secured control environment for water and waste water treatment by upgrading the necessary hardware and software to protect our facilities. Funding will provide for Cybersecurity Improvement implementation and hardware / software licenses, to identify and document all network hardware and connection of the SCADA system. Re-design network security to include routers and security devices to protect the system. Install DMZ server and Mobile Device Management system to provide security access from the City business network. Develop SCADA security, physical and environmental access control policy.

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>345,875</td>
</tr>
<tr>
<td><strong>Total State Funds Requested</strong></td>
<td>345,875</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>345875</td>
<td>74.0 %</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>122,000</td>
<td>26 %</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>467,875</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>Recurring</th>
<th>Nonrecurring</th>
<th>Specific Appropriation #</th>
<th>Vetoed</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<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>Cybersecurity Improvement implementation and hardware / software licenses.</td>
<td>160,875</td>
</tr>
<tr>
<td>Consultants/Contracted Services/Study</td>
<td>Cybersecurity improvement design (will be performed by EMA, a security consulting company).</td>
<td>185,000</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></td>
<td></td>
</tr>
<tr>
<td><strong>Total State Funds Requested (must equal total from question #6)</strong></td>
<td></td>
<td>345,875</td>
</tr>
</tbody>
</table>
11. **Program Performance**

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

   Funding will allow for these improvements that will provide a secured control environment for water and waste water treatment by upgrading the necessary hardware and software to protect our facilities. Funding will provide for Cybersecurity Improvement implementation and hardware / software licenses, to identify and document all network hardware and connection of the SCADA system. Re-design network security to include routers and security devices to protect the system.

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

   Re-design the SCADA network security and provide contractual services to implement to the system.

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

   Project will provide a secured control environment for water and waste water treatment services to the residents of the City.

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

   The citizens of the City of Miramar, just over 140,000 in population.

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

   Prevent sewer spill from lift-stations due to cybersecurity attack. System can be analyzed and tested for vulnerabilities.

   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?

   Funding will be withheld.
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 Miramar

13. Requestor Contact Information
   a. First Name Chu
   b. Organization City of Miramar
   c. E-mail Address copoon@miramarfl.gov
   d. Phone Number (954)883-6809

14. Recipient Contact Information
   a. Organization City of Miramar
   b. Municipality and County Broward
   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 Chu
   e. E-mail Address copoon@miramarfl.gov
   f. Phone Number (954)8836809

15. Lobbyist Contact Information
   a. Name Ronald L. Book
   b. Firm Name Ronald L. Book PA
   c. E-mail Address ron@rlbookpa.com
   d. Phone Number (305)9351866

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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
   - [x] Other (please specify) SCADA System Improvements/Cyber
   - [ ] 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)
   - [x] Rural Area of Economic Concern
   - [ ] Rural Area of Opportunity (s. 288.0656, Florida Statutes)
   - [ ] N/A

18. **What is the status of construction?**
   - Not Started

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

20. **What is the estimated completion date of construction?**
   - 12/31/2024

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