1. Project Title: Palm Beach Zoo - Water Quality and Recreation

2. Senate Sponsor: Bobby Powell

3. Date of Request: 12/12/2019

4. Project/Program Description:
The Water Quality Program will improve waste and storm-water management at the Zoo. Our 5-acre lake system at the Zoo currently consists of seven interconnected ponds ultimately linked to the Lake Worth Lagoon. This ecosystem has a sandy, silty bottom, covered to a large extent in biological waste, sometimes several feet thick, that has gathered over the Zoo’s history. The bottom of our lake system sits 3 – 5 feet above the ground water table. Our ground well system consists of two wells pumping fresh water under a SFWMD permit 24/7, from the water table up into our lake system. Many of the 550 animals at the Zoo play in or around this water. Sea level rise has every well owner in our area east of I-95 concerned with salt infiltration over time. If our pumps shut down for any sustained length of time, our lakes immediately begin to drain down to the water table. Our goal is to make our lake system safe and inviting, not only for our staff and wildlife, but for over 350,000 guests/year.

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>225,000</td>
</tr>
<tr>
<td>Fixed Capital Outlay</td>
<td>25,000</td>
</tr>
<tr>
<td>Total State Funds Requested</td>
<td>250,000</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>250000</td>
<td>100.0 %</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>00</td>
<td>0 %</td>
</tr>
<tr>
<td>Other</td>
<td>00</td>
<td>0 %</td>
</tr>
<tr>
<td>Total Project Costs for Fiscal Year 2020-2021</td>
<td>250,000</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>Recurring</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nonrecurring</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.  
   250,000
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>Administrative Costs:</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>Operational Costs: Other</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>Public Address System, automated access control, automated security gates, entry gate video cameras, animal night house video cameras and monitoring, Fingerprint sign-in equipment, electronic key cabinets, walkway lighting, secure fencing.</td>
<td>112,500</td>
</tr>
<tr>
<td>Consultants/Contracted Services/Study</td>
<td>Public Address System, automated access control, automated security gates, entry gate video cameras, animal night house video cameras and monitoring, Fingerprint sign-in equipment, electronic key cabinets, walkway lighting, secure fencing.</td>
<td>137,500</td>
</tr>
<tr>
<td>Fixed Capital Construction/Major Renovation:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Construction/Renovation/ Land/Planning Engineering</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total State Funds Requested (must equal total from question #6)</td>
<td></td>
<td>250,000</td>
</tr>
</tbody>
</table>
11. **Program Performance**

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

Testing and monitoring of water quality and dredging years of bio-waste sludge from the lake floor so as to eventually attract visitors for fishing and boating activities on 5+ acres of waterways.

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

Test and monitor existing water quality throughout the lake system. Add mobile circulation pumps and aerators. Reduce or eliminate demand for ground water from existing wells. Dredge lake system of years of accumulated bio-waste. Slow or eliminate drainage of lake water into water table by sealing pond floors.

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

Safety and security while attending the Zoo and increased safety and security of the animals.

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

Approximately 350,000 zoo visitors including 26,000 K-12th grade school children.

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

Improved water quality and reduced flooding in and around zoo property during storms. Water quality metrics will be used to measure water quality. Observation on zoo premises will measure reduction of flooding.

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 project would only receive funding in a reimbursement.
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 Zoological Society of the Palm Beaches

13. Requestor Contact Information
   a. First Name: Margo
   b. Organization: Palm Beach Zoo & Conservation Society
   c. E-mail Address: mmcknight@palmbeachzoo.org
   d. Phone Number: (561)533-0887

14. Recipient Contact Information
   a. Organization: Palm Beach Zoo and Conservation Society
   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: Kathleen
   e. E-mail Address: kbreland@palmbeachzoo.org
   f. Phone Number: (561)5330887

15. Lobbyist Contact Information
   a. Name: Erin Ballas
   b. Firm Name: Public Affairs Consultants
   c. E-mail Address: erinballas@paconsultants.com
   d. Phone Number: (850)7286387
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) [ ]
   - [x] N/A

17. **What is the population economic status?**
   - [ ] Financially Disadvantaged Community (ch. 62-552, F.A.C.)
   - [x] 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?**
   - Ready

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

20. **What is the estimated completion date of construction?**
   - December 2021

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