

Appropriations Project Request - Fiscal Year 2020-21

For projects meeting the Definition of House Rule 5.14

1. Title of Project: Central Florida Zoo and Botanical Gardens Rainwater Harvesting
2. Date of Submission: 11/12/2019
3. House Member Sponsor: David Smith
Members Copied:

4. DETAILS OF AMOUNT REQUESTED:

- a. Has funding been provided in a previous state budget for this activity? No
If answer to 4a is "No" skip 4b and 4c and proceed to 4d, Col. E
- b. What is the most recent fiscal year the project was funded?
- c. Were the funds provided in the most recent fiscal year subsequently vetoed?
- d. Complete the following Project Request Worksheet to develop your request:

FY:	Input Prior Year Appropriation for this project for FY 2019-20 <i>(If appropriated in 2019-20 enter the appropriated amount, even if vetoed.)</i>			Develop New Funds Request for FY 2020-21 <i>(Requests for additional RECURRING funds are prohibited.)</i>		
Column:	A	B	C	D	E	F
Funds Description:	Prior Year Recurring Funds	Prior Year Nonrecurring Funds	Total Funds Appropriated <i>(Recurring plus Nonrecurring: column A + column B)</i>	Recurring Base Budget <i>(Will equal non-vetoed amounts provided in Column A)</i>	Additional Nonrecurring Request	TOTAL Nonrecurring plus Recurring Base Funds <i>(Will equal the amount from the Recurring base in Column D plus the Additional Nonrecurring Request in Column E.)</i>
Input Amounts:					150,000	150,000

5. Are funds for this issue requested in a state agency's Legislative Budget Request submitted for FY 2020-21? No
 - 5a. If yes, which state agency?
 - 5b. If no, which is the most appropriate state agency to place an appropriation for the issue being requested? Department of Environmental Protection
 - 5c. Has the appropriate state agency for administering the funding, if the request were appropriated, been contacted? No
 - 5d. Describe penalties for failing to meet deliverables or performance measures which the agency should provide in its contract to administer the funding if appropriated.

Pro rata return of state funds for project deficiencies.

6. Requester:

- a. Name: Dino Ferri
- b. Organization: Central Florida Zoo & Botanical Gardens
- c. Email: dinof@centralfloridazoo.org
- d. Phone #: (407)323-4450

7. Contact for questions about specific technical or financial details about the project:

- a. Name: Dino Ferri
- b. Organization: Central Florida Zoo & Botanical Gardens
- c. Email: dinof@centralfloridazoo.org
- d. Phone #: (407)323-4450

8. Is there a registered lobbyist working to secure funding for this project?

- a. Name: Chris Carmody
- b. Firm: Gray Robinson
- c. Email: chris.carmody@gray-robinson.com
- d. Phone #: (407)843-8880

9. Organization or Name of entity receiving funds:

- a. Name: Central Florida Zoo & Botanical Gardens
- b. County (County where funds are to be expended): Seminole
- c. Service Area (Counties being served by the service(s) provided with funding): Brevard, Lake, Orange, Osceola, Polk, Seminole, Volusia

10. What type of organization is the entity that will receive the funds? (Select one)

- For Profit
- Non Profit 501(c) (3)
- Non Profit 501(c) (4)
- Local Government
- University or College
- Other (Please describe)

11. What is the specific purpose or goal that will be achieved by the funds being requested?

Toilet flushing is the biggest use of water in the United States. Rainwater can be utilized to flush toilets just as well as clean, treated, municipal water. The Central Florida Zoo already has a system to collect and store 4,400 gallons of rainwater off the roof of its largest building. As such, we would like to convert the current system from landscaping to utilizing the collected water to flush the building's toilets and conserve using municipal water.

12. Provide specific details on how funds will be spent. (Select all that apply)

Spending Category	Description	Nonrecurring (Should equal 4d, Col. E) Enter "0" if request is zero for the category
Administrative Costs:		
<input type="checkbox"/> a. Executive Director/Project Head Salary and Benefits		
<input type="checkbox"/> b. Other Salary and Benefits		
<input type="checkbox"/> c. Expense/Equipment/Travel/Supplies/Other		
<input type="checkbox"/> d. Consultants/Contracted Services/Study		
Operational Costs:		
<input type="checkbox"/> e. Salaries and Benefits		
<input type="checkbox"/> f. Expenses/Equipment/Travel/Supplies/Other		
<input type="checkbox"/> g. Consultants/Contracted Services/Study		
Fixed Capital Construction/Major Renovation:		
<input checked="" type="checkbox"/> h. Construction/Renovation/Land/Planning Engineering	Remove existing plumbing fixtures from public restrooms in the Wayne Densch Discovery Center. Install new water lines for new fixtures and move sanitary piping to accept new fixtures. Run new water line from rainwater cistern system to flush all new toilets.	150,000

	Install new pressure tank and pump to cistern system. Install new commercial toilets with low flow sensor flush valves new waterless urinals, new sinks with sensor faucets.	
TOTAL		150,000

13. For the Fixed Capital Costs requested with this issue (In Question 12, category “h. Fixed Capital Outlay” was selected), what type of ownership will the facility be under when complete? (Select one correct option)

- For Profit
- Non Profit 501(c) (3)
- Non Profit 501(c) (4)
- Local Government (e.g., police, fire or local government buildings, local roads, etc.)
- State agency owned facility (For example: college or university facility, buildings for public schools, roads in the state transportation system, etc.)
- Other (Please describe)

14. Is the project request an information technology project?

15. Is there any documented show of support for the requested project in the community including public hearings, letters of support, major organizational backing, or other expressions of support?

No

16. Has the need for the funds been documented by a study, completed by an independent 3rd party, for the area to be served?

No

17. Will the requested funds be used directly for services to citizens?

18. What benefits or outcomes will be realized by the expenditure of funds requested? (Select each Benefit/Outcome that applies)

Benefit or Outcome	Provide a specific measure of the benefit or outcome	Describe the method for measuring level of benefit
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<input type="checkbox"/> Improve physical health		
<input type="checkbox"/> Improve mental health		
<input type="checkbox"/> Enrich cultural experience		
<input type="checkbox"/> Improve agricultural production/promotion/education		
<input type="checkbox"/> Improve quality of education		
<input type="checkbox"/> Enhance/preserve/improve environmental or fish and wildlife quality		
<input type="checkbox"/> Protect the general public from harm (environmental, criminal, etc.)		
<input type="checkbox"/> Improve transportation conditions		
<input type="checkbox"/> Increase or improve economic activity		
<input type="checkbox"/> Increase tourism		
<input type="checkbox"/> Create specific immediate job opportunities		
<input type="checkbox"/> Enhance specific individual's economic self sufficiency		
<input type="checkbox"/> Reduce recidivism		
<input type="checkbox"/> Reduce substance abuse		
<input type="checkbox"/> Divert from Criminal/Juvenile justice system		
<input checked="" type="checkbox"/> Improve wastewater management	Increasing demand for water for development as well as to maintain healthy ecosystems puts water resources under pressure. Using rainwater as a primary resource for waste management is an opportunity to improve human services without	The Zoo's rainwater harvesting system will be supported by municipal water supplies intended to only be used as a back-up water source. The intent of the integrated back-up water supply is to provide uninterrupted water delivery for

	undermining ecosystems.	instances where harvested water is depleted. The Zoo will be able to measure rainwater vs. municipal water consumption.
<input checked="" type="checkbox"/> Improve stormwater management	In addition to providing a water conservation benefit, rainwater harvesting systems are also recognized as a Low Impact Development (LID) technique for stormwater management. By retaining stormwater runoff for on-site use, harvesting systems reduce the runoff volumes and pollutant loads entering the stormwater collection system, helping to restore pre-development hydrology and mitigate downstream water quality impacts.	The Zoo's largest facility has the ability to capture over 1,200 gallons of water per every one inch of rainfall activity off of the southeast quarter of the roof. There are eight culverts each measuring eight feet long with an inside diameter of 41 inches capable of holding over 550 gallons of rainwater. The eight culverts capture power of 4,400 gallons of rainwater.
<input type="checkbox"/> Improve groundwater quality		
<input type="checkbox"/> Improve drinking water quality		
<input type="checkbox"/> Improve surface water quality		
<input type="checkbox"/> Other (Please describe):		

19. Provide the total cost of the project for FY 2020-21 from all sources of funding (Enter "0" if amount is zero):

Type of Funding	Amount	Percent of Total	Are the other sources of funds guaranteed in writing?
1. Amount Requested from the State in this Appropriations Project Request:	150,000	100.0%	N/A
2. Federal:	0	0.0%	No

3. State: (Excluding the requested Total Amount in #4d, Column F)	0	0.0%	No
4. Local:	0	0.0%	No
5. Other:	0	0.0%	No
TOTAL	150,000	100%	

20. Is this a multi-year project requiring funding from the state for more than one year?

No

21. What is the revenue source of ongoing operating funds?

Revenue source will come from Zoo's operating budget.

22. Has local approval been given for ongoing operating funds?

No

23. Have you applied for alternative state funding?

- a. Wastewater Revolving Loan
- b. Drinking Water Revolving Loan
- c. Small Community Wastewater Treatment Grant
- d. Other (Please describe)
- e. N/A

24. Has project been addressed in a local, regional, or state plan?

No

25. Is the project for a financially disadvantaged community? (as defined in Chapter 62-552, F.A.C.)

No

26. What is the population economic status?

- a. Financially Disadvantaged Municipality
- b. Rural Area of Critical Economic Concern
- c. Rural Community Experiencing Economic Distress
- d. N/A

27. What is the status of planning?
 a. Ready
 b. Not Ready
28. What percentage of the planning process has been completed?
100%
29. What is the estimated planning completion date?
Completed
30. What is the status of design?
 a. Ready
 b. Not Ready
31. What percentage of design has been completed?
100%
32. What is the estimated design completion date?
Completed
33. List all required permits.
Building Permit
34. What is the status of permitting?
 a. Planned
 b. Submitted
 c. Received
35. What is the status of construction?
 a. Ready
 b. Not Ready
36. What percentage of construction has been completed?
0%

37. What is the estimated completion date of construction?

09/2020