

Appropriations Project Request - Fiscal Year 2020-21

For projects meeting the Definition of House Rule 5.14

1. Title of Project: Miami-Dade County S-20 Collector Canal Everglades Wetlands Restoration Project

2. Date of Submission: 10/28/2019

3. House Member Sponsor: Ana Rodriguez

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	Column: B	Column: C	Column: D	Column: E	Column: 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:					700,000	700,000

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.

Contract bid documents must demonstrate that the construction price is competitive, and that the contractor has sufficient manpower and equipment to complete the work in a timely manner.

6. Requester:

- a. Name: Paul Voight
- b. Organization: Department of Regulatory and Economic Resources (RER) Division of Environmental Resources Management
- c. Email: Paul.Voight@miamidade.gov
- d. Phone #: (305)781-4709

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

- a. Name: Paul Voight
- b. Organization: Department of Regulatory and Economic Resources (RER) Division of Environmental Resources Management
- c. Email: Paul.Voight@miamidade.gov
- d. Phone #: (305)781-4709

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

- a. Name: Richard Pinsky
- b. Firm: Akerman LLP
- c. Email: richard.pinsky@akerman.com
- d. Phone #: (561)386-1992

9. Organization or Name of entity receiving funds:

- a. Name: Department of Regulatory and Economic Resources (RER)
- b. County (County where funds are to be expended): Miami-Dade
- c. Service Area (Counties being served by the service(s) provided with funding): Miami-Dade

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?

This funding request will use locally sourced clean fill to backfill the eastern portion of the S-20 Collector Canal and re-create historically existing wetlands, as well as fill the nearby unneeded culverts. These actions will reduce over-drainage of the publicly owned wetlands and improve water management in an area where salt intrusion has become a critical issue.

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 checked="" type="checkbox"/> e. Salaries and Benefits	Engineering, construction management, and inspection services needed to complete the design, permitting and construction	100,000
<input type="checkbox"/> f. Expenses/Equipment/Travel/Supplies/Other		
<input checked="" type="checkbox"/> g. Consultants/Contracted Services/Study	Surveying services in preparation for design and construction layout activities	100,000
Fixed Capital Construction/Major Renovation:		

<input checked="" type="checkbox"/> h. Construction/Renovation/Land/Planning Engineering	Construction contract	500,000
TOTAL		700,000

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?

Yes

16a. Please Describe:

Not exactly, but monitoring by the US Geological Survey for salt intrusion indicates substantial landward migration of the salt front at the base of the Biscayne Aquifer in South Miami-Dade County. Prinos et al. 2014, USGS Scientific Investigations Report 2014-5025. This ditch in the Model Lands, created by excavating wetlands for fill to construct an adjacent road, has no water control structures to prevent drainage of the surrounding wetlands or salt intrusion.

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 checked="" type="checkbox"/> Enhance/preserve/improve environmental or fish and wildlife quality	Reduce drainage of publicly-owned wetlands in South Miami-Dade County located in the Model Lands, which will increase wetland quality for fish and wildlife.	Compare water level patterns before and after construction in groundwater monitoring wells located in South Miami-Dade County in the Model Lands.
<input checked="" type="checkbox"/> Protect the general public from harm (environmental, criminal, etc.)	Protect/enable continued use of drinking water wellfields located in South Miami-Dade County, including but not limited to wellfields under the jurisdiction of Miami-Dade Water and Sewer and the Florida Keys Aqueduct Authority.	Successful recreation of wetlands that were destroyed by excavation of a ditch.
<input type="checkbox"/> Improve transportation conditions		
<input type="checkbox"/> Increase or improve economic activity		
<input type="checkbox"/> Increase tourism		
<input checked="" type="checkbox"/> Create specific immediate job opportunities	Filling of the ditch will create local job opportunities in the private sector.	Contract bid documents must demonstrate that the construction price is competitive, and that the contractor has sufficient manpower and equipment to complete the work in a timely manner.

<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 type="checkbox"/> Improve wastewater management		
<input checked="" type="checkbox"/> Improve stormwater management	The project will improve water management capabilities by reducing overdrainage of wetlands through the stormwater canal system.	Measurement and comparison of wetland stage upstream and downstream of the sheet pile wall.
<input checked="" type="checkbox"/> Improve groundwater quality	Filling the drainage ditch and restoring wetlands near the coastline will enhance retention of fresh water and wetland recharge to address salt intrusion in the Biscayne Aquifer in this area thereby enhancing the protection of municipal wellfields, including those under the jurisdiction of Miami-Dade County and the Florida Keys Aqueduct Authority.	Periodic delineation of the groundwater salt front at the base of the aquifer in this area should indicate a slowing of the landward migration of the salt front within the groundwater under the ditch.
<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:	700,000	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	700,000	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?

Maintenance would be handled by Miami-Dade County as property owner.

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

Yes

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?

Yes

24a. If Yes, insert plan name and cite page numbers.

Miami-Dade Comprehensive Development Master Plan, Objective CON-4 and Policy CON-4A, Page IV-6 of the Conservation, Aquifer Recharge and Drainage Element.

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?

75

29. What is the estimated planning completion date?

09/30/2020

30. What is the status of design?

- a. Ready
- b. Not Ready

31. What percentage of design has been completed?

0

32. What is the estimated design completion date?

09/30/2020

33. List all required permits.

Federal Section 404 Dredge and Fill permit; State of Florida Environmental Resources Permit; Miami-Dade County Class III Water Control Permit and Class IV Wetland 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?

12/31/2022