

Appropriations Project Request - Fiscal Year 2017-18

For projects meeting the Definition of House Rule 5.14

1. Title of Project: South Miami-Dade Salt Intrusion Barrier Project

2. Date of Submission: 02/04/2017

3. House Member Sponsor: Jose Diaz

Members Copied:

4. DETAILS OF AMOUNT REQUESTED:

- 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
- What is the most recent fiscal year the project was funded?
- Were the funds provided in the most recent fiscal year subsequently vetoed?
- Complete the following Project Request Worksheet to develop your request (Note that column E will be the total of Recurring funds requested and Column F will be the total Nonrecurring funds requested, the sum of which is the Total of the Funds you are requesting in column G):

FY:	Input Prior Year Appropriation for this project for FY 2016-17 <i>(If appropriated in 2016-17 enter the appropriated amount, even if vetoed.)</i>			Develop New Funds Request for FY 2017-18 <i>(Requests for additional RECURRING funds are prohibited. Any additional Nonrecurring funding requested to supplement recurring funds in the base will result in the base recurring amount being converted to Nonrecurring .)</i>		
	Column:	A	B	C	D	E
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 Request <i>(Will equal the amount from the Recurring base in Column D to be CONVERTED to Nonrecurring plus the Additional Nonrecurring Request in Column E. These funds will be appropriated non-recurring if funded in the House Budget or the Final Conference Report on the budget.)</i>
Input Amounts:					600,000	600,000

5. Are funds for this issue requested in a state agency's Legislative Budget Request submitted for FY 2017-18? 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? For example, if the requested issue pertains to services provided to inmates at correctional facilities, the Department of Corrections would be the most appropriate state agency. Department of Environmental Protection

6. Requester:

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

7. Contact for questions about specific technical or financial details about the project (Please retype if same as Requester):

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

8. If there is a registered lobbyist, fill out the lobbyist information below.

- a. Name: Diana Ferguson
- b. Firm: Rutledge Ecenia, PA
- c. Email: DFerguson@rutledge-ecenia.com
- d. Phone #: (850)681-6788

9. Organization or Name of Entity Receiving Funds(Please retype if same as Requestor or Contact):

- a. Name: Department of Regulatory and Economic Resources (RER), Division of Environmental Resources Management
- 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, Monroe

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?

The Card Sound Road Canal allows salt water to contaminate portions of the Biscayne aquifer near South Miami-Dade wellfields used by Miami-Dade and Monroe Counties and degrade publicly owned wetlands acquired by Miami-Dade County's Environmentally Endangered Lands Program. This funding is to construct sheet pile barriers in the canal to improve water management, restore wetlands, and reduce salt intrusion.

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

Spending Category	Description	Nonrecurring (Should equal 4d, Col. F) 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	400,000
TOTAL		600,000

13. For the Fixed Capital Costs requested with this issue, what type of ownership will the facility be under when complete? (In Question 12, if ?h. Fixed Capital Outlay? was not selected, question 13 is not applicable)

- 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?

N/A

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?

Yes

15a. Please Describe:

All resource agencies are expected to support this project at all levels of government. In addition, water utilities such as the Florida Keys Aqueduct Authority are expected to benefit from this project and would therefore likely support this request.

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:

USGS salt intrusion monitoring indicates substantial landward penetration of the salt front at the base of the Biscayne Aquifer in South Miami-Dade County along Card Sound Road. Prinos et al. 2014, USGS Scientific Investigations Report 2014-5025. The Card Sound Road Canal, created by excavating fill for construction of the road, has not been managed for salt intrusion until recently. Sheet pile barriers are more cost-effective for salt intrusion control than back-filling the canal.

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

N/A

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

Benefit or Outcome	Provide a specific measure of the benefit or outcome	Describe the method for measuring level of benefit
<input checked="" type="checkbox"/> Improve physical health	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 others, such as the Florida Keys Aqueduct Authority Wellfield.	Compare future positions of the salt intrusion line at the base of the Biscayne Aquifer with its position prior to construction of the sheet pile structure.
<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 vicinity of Card Sound Road, 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 vicinity of Card Sound Road.
<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	Compare future positions of the salt intrusion line at the base of the Biscayne Aquifer with its position prior to construction of the sheet pile structure.

	Aqueduct Authority.	
<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	Construction of the sheet pile structure 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 type="checkbox"/> Improve stormwater management		
<input checked="" type="checkbox"/> Improve groundwater quality	Stabilize or reverse salt intrusion at the base of the Biscayne Aquifer.	Compare future positions of the salt intrusion line at the base of the Biscayne Aquifer with its position prior to construction of the sheet pile structure.
<input checked="" type="checkbox"/> Improve drinking water quality	Protect/enable continued use of drinking water wellfields located in South Miami-Dade County, including but not limited to the wellfields under the jurisdiction of Miami Dade Water	Compare future positions of the salt intrusion line at the base of the Biscayne Aquifer with its position prior to construction of the sheet pile structures.

	and Sewer and the Florida Keys Aqueduct Authority.	
<input type="checkbox"/> Improve surface water quality		
<input type="checkbox"/> Other (Please describe):		

19. Provide the total cost of the project for FY 2017-18 from all sources of funding (Enter ?0? if amount is zero):

Type of Funding	Amount	Percent of Total (Automatically Calculates)	Are the other sources of funds guaranteed in writing?
1. Amount Requested from the State in this Appropriations Project Request:	600,000	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	600,000	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, and Aquifer Recharge and Drainage Element. <http://www.miamidade.gov/planning/library/reports/planning-documents/cdmp/conservation-aquifer-recharge-and-drainage.pdf>

25. Is the project for a financially disadvantaged community?

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?

07/01/2017

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?

12/31/2017

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?

6/30/2018