

Appropriations Project Request - Fiscal Year 2020-21

For projects meeting the Definition of House Rule 5.14

1. Title of Project: Miami Tidal Valves and Flood Improvements
2. Date of Submission: 11/14/2019
3. House Member Sponsor: Bryan Avila
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:					1,500,000	1,500,000

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.

Funds should be returned.

6. Requester:

- a. Name: Emilio T. Gonzalez
- b. Organization: City of Miami
- c. Email: etgonzalez@miamigov.com
- d. Phone #: (305)416-1025

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

- a. Name: Alan Dodd P.E
- b. Organization: Department of Resilience & Public Works, City of Miami
- c. Email: amdodd@miamigov.com
- d. Phone #: (305)416-1235

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

- a. Name: Erica Chanti
- b. Firm: Rubin Turnbull
- c. Email: erica@rubinturnbull.com
- d. Phone #: (850)681-9111

9. Organization or Name of entity receiving funds:

- a. Name: City of Miami
- 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?

The goal of this project is to maintain the City’s waterway systems through design and construction of stormwater improvements and pollutant control systems to reduce pollutants discharging from street runoff into waterways as well as reduce tidal flooding in critical infrastructure, walkways, and city streets. It will improve stormwater management and transportation conditions on city roads as well as enhance surface water quality conditions in the Miami River and Biscayne Bay Aquatic Preserve.

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	Funds will be used to address tidal and storm-related flooding of roadways and critical infrastructure by installing new drainage control structures, low-impact green stormwater infrastructure (bioswales,	1,500,000

	etc), new tidal valves on drainage outfalls, grass retention areas, and pollution control systems.	
TOTAL		1,500,000

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?

Yes

15a. Please Describe:

This project is identified in the City’s Stormwater Master Plan, the King Tide Action Plan, and a key part of its resilience strategy. Flood management was identified as one of the highest priorities for the city during the 2018 Resident Survey. The city conducted several community workshops with neighborhoods to discuss the urgency of stormwater and tidal improvement projects.

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:

The 2012 Stormwater Master plan, prepared by CDM Smith Engineering, identified the need to address tidal and storm-related flooding by installing new drainage control structures, stormwater infrastructure, new tidal valves, pump stations and pollution control systems.

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
<input checked="" type="checkbox"/> Improve physical health	Reduces the number of pedestrian and vehicular accidents caused by flooded roadways	Comparing number of flooding complaints before and after project
<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 oils, grease and trash pollutants from street runoff to waterways	Comparing number of cleaning sweeps by stormwater operations crews on the improved stormwater control structures (Pre & post construction) as well as physical observation of water being retained in structures or swales for longer periods before running off into adjacent waterways.
<input checked="" type="checkbox"/> Protect the general public from harm (environmental, criminal, etc.)	Decreases flooding of roadways and improves water quality of waterways	Comparing number cleaning sweeps of waterways since less trash is expected to discharge into affected waterways, physical observation of water being retained in structures or swales for longer periods before running off into adjacent waterways, and observation of less frequent

		flooding in roadways and walkways.
<input checked="" type="checkbox"/> Improve transportation conditions	Less roadway floods decreases traffic congestion	Comparing number of traffic accidents of affected roadways and from observation of better traffic flows due to reduced flooding in travel ways.
<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 type="checkbox"/> Improve wastewater management		
<input checked="" type="checkbox"/> Improve stormwater management	Reduces oils, grease and trash pollutants from street runoff to waterways	Comparing number of cleaning sweeps by stormwater operations crews on the improved stormwater control structures and physical observation of water being retained in structures or swales for longer periods before running off into adjacent waterways
<input type="checkbox"/> Improve groundwater quality		
<input type="checkbox"/> Improve drinking water quality		
<input checked="" type="checkbox"/> Improve surface water quality	Yes, from installation of new exfiltration trenches, storm basins,	Physical observation of water retained in structures or swale for

	tidal valves, grass swales	longer periods before running off into adjacent waterways.
<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:	1,500,000	50.0%	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:	1,500,000	50.0%	Yes
5. Other:	0	0.0%	No
TOTAL	3,000,000	100%	

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

Yes

20a. How much state funding would be requested after 2020-21 over the next 5 years?

- <1M
- 1-3M
- >3-10M
- >10M

20b. How many additional years of state support do you expect to need for this project?

- 1 year
- 2 years
- 3 years

- 4 years
- >= 5 years

20c. What is the total project cost for all years including all federal, local, state, and any other funds? Select the single answer which best describes the total project cost. If funds requested are for ongoing services or for recurring activities, select “ongoing activity”.

- Ongoing activity – no total cost
- <1M
- 1-3M
- >3-10M
- >10M

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

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.
City of Miami Stormwater Master Plan

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.

Miami Dade County Surface Water License (for exfiltration systems only)

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?

48%

37. What is the estimated completion date of construction?

06/01/21