

**STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
REVISED GRANT WORK PLAN  
AGREEMENT NO. C2102 – City of Coral Gables**

**ATTACHMENT 3-A**

- I. PROJECT TITLE:** Coral Gables Waterway / Biscayne Bay Water Quality Improvements
- II. PROJECT LOCATION(S):** Downtown Drainage Basin along Ponce de Leon Blvd. and side streets between Greco and Salamanca Avenues. The Project will be located in the City of Coral Gables within Miami-Dade County; Lat/Long (25.7552 N, 80.2588 W).
- III. PROJECT BACKGROUND:** According to multiple scientific studies, the health of Biscayne Bay is at a tipping point. Nutrient pollution is killing seagrass, coral, and causing fish kills. Fertilizers, pesticides, hydrocarbons, and organic matter decomposition found in storm water runoff are believed to be significant contributing sources. The Downtown Drainage Basin includes a 66-in outfall pipe into the Coral Gables Waterway and discharging into Biscayne Bay. This is the single largest outfall pipe within City limits. This project will help improve water quality in the Coral Gables Waterway and Biscayne Bay by reducing runoff containing nutrients and hydrocarbons, enhance drainage capacity within the Basin, and help recharge the Biscayne Aquifer with fresh rainwater.
- IV. PROJECT DESCRIPTION:** The proposed improvements will include the installation of baffles to reduce the discharge of nutrients and other contaminants into the Waterway, and the replacement of solid pipes within the Basin with exfiltration trenches to treat and redirect stormwater runoff into a natural underground porous limestone layer. All permit(s) must be acquired and provided to the Department prior to work starting. **A Quality Assurance Project Plan (QAPP) is not required for this project.**

The total project cost is \$1,200,000 of which \$900,000 is from DEP and \$300,000 is from the City of Coral Gables. A summary of the local contributions will be required in the Final Quarterly Progress Report, and financial supporting documentation shall be provided upon request.

The Grantee anticipates that the funding under this Agreement will result in a fully completed project.

**V. TASKS AND DELIVERABLES:**

**Task #1 Construction**

**Description:** The Grantee's chosen Contractor will install baffles and replace solid pipes with exfiltration trenches as per approved construction plans and in accordance with the final design(s) and required permits. Based on Draft Model Report for Riviera Floodgate Outfall prepared by Hazen & Sawyer, two filtration products are reviewed: AB Tech's "Smart Sponge Filtration media" and "ConTech's Jellyfish Filter media", which expect to provide Total Nitrogen (TN) reductions ranging from 51% to >70% and Total Phosphorus (TP) reductions ranging from 59% to >70%. City intends to install one of these treatment devices upstream of the Riviera Outfall.

**Deliverable(s) 1a:** The Grantee will submit these interim deliverables as evidence of construction completed to date as described in this task:

- a) Signed acceptance of the completed work by the Grantee,

- b) Contractor's Application and Certification for Payment,
- c) Dated color photographs of on-going work representing time period covered in payment request.

These interim deliverables must be submitted prior to each payment request and may be submitted no more frequently than quarterly.

**Deliverable(s) 1b:** The Grantee will submit these final deliverables as evidence of the project constructed as described in this task:

- a) Dated color photographs of the construction site(s) prior to, during, and immediately following completion of the construction task,
- b) Written verification that the Grantee has received record drawings and any required final inspection report(s) for the project,
- c) Signed acceptance of the completed work by the Grantee,
- d) Signed statement from a Florida Licensed Professional Engineer indicating construction has been completed in accordance with the design.

**Payment Request Schedule:** Grantee may submit a payment request for cost reimbursement no more frequently than once per quarter. The outlined Interim Deliverable(s) and/or Final Deliverable(s) must have been submitted and accepted in writing by the Department's Grant Manager prior to payment request submittal.

**VI. PERFORMANCE MEASURES:** The Grantee will submit all deliverables electronically for each task to the Department's Grant Manager on or before the Task Due Date listed in the Project Timeline below. The Department's Grant Manager will review the deliverable(s) and provide any comments to the Grantee for incorporation. Once the deliverables have been verified that they meet the specifications in the Grant Work Plan and the task description (including any work being performed by any subcontractor(s)), Department's Grant Manager will provide written acceptance or denial of the deliverable(s) to the Grantee within thirty (30) calendar days. Tasks may include multiple deliverables to be completed.

The Department will accept partial and full deliverables. Incomplete deliverables will not be accepted. A "partial deliverable" is defined as a deliverable consisting of one (1) or more (but not all) subcomponents listed in the deliverable list for a single task, where such subcomponent(s) are delivered to the Department at one hundred percent (100%) completion. A "full deliverable" is defined as a deliverable comprising all subcomponents listed in the deliverable list for a single task, all delivered to the Department at one hundred percent (100%) completion. An "incomplete deliverable" is defined as a deliverable for which one hundred percent (100%) completion has not been achieved for any of the subcomponents listed in the deliverable list for a single task. A task is considered one hundred percent (100%) complete upon the Department's receipt and approval of all deliverable(s) listed within the task and the Department's approval provided in writing.

**VII. CONSEQUENCES FOR NON-PERFORMANCE:** For each task deliverable not received by the Department at one hundred percent (100%) completion and by the specified due date listed in the Agreement's most recent Project Timeline, the Department will reduce the relevant Task Funding Amount(s) paid to Grantee in proportion to the percentage of the deliverable(s) not fully completed and/or submitted to the Department in a timely manner, unless an extension is approved in writing.

**VIII. PAYMENT REQUEST SCHEDULE:** Following the Grantee's full or partial completion of a task's deliverable(s) and acceptance by the Department's Grant Manager, the Grantee may submit a payment request for cost reimbursement using the Exhibit C, Payment Request Summary Form. All payment

requests must be accompanied by the deliverable approval notice; the Exhibit A, Progress Report Form, detailing all progress made in the invoice period; and supporting fiscal documentation including match, if applicable. Upon the Department’s receipt of the aforementioned documents and supporting fiscal documentation, the Department’s Grant Manager will have ten (10) business days to review and approve or deny the payment request.

**IX. PROJECT TIMELINE:** The tasks must be completed by, and all deliverables received by, the corresponding task deliverable due date listed in the table below. Requests for any change(s) must be submitted prior to the current task due date listed in the Project Timeline. Requests are to be sent via email to the Department’s Grant Manager, with the details of the request and the reason for the request made clear.

Task No.	Task Title	Deliverable(s)	Task Start Date	Task End Date	Deliverable Due Date(s)/ Frequency
1	Construction	<p><b>Interim Deliverables</b></p> <ul style="list-style-type: none"> <li>a) Signed acceptance of the completed work by the Grantee,</li> <li>b) Contractor’s Application and Certification for Payment,</li> <li>c) Dated color photographs of on-going work representing time period covered in payment request.</li> </ul> <p><b>Final Deliverables</b></p> <ul style="list-style-type: none"> <li>a) Dated color photographs of the construction site(s) prior to, during, and immediately following completion of the construction task,</li> <li>b) Written verification that the Grantee has received record drawings and any required final inspection report(s) for the project,</li> <li>c) Signed acceptance of the completed work by the Grantee,</li> <li>d) Signed statement from a Florida Licensed Professional Engineer indicating construction has been completed in accordance with the design.</li> </ul>	Upon Execution	6/30/2025	Quarterly

**X. PROJECT TIMELINE & BUDGET DETAIL BY TASK:** Cost reimbursement grant funding must not exceed the budget amounts as indicated below. Match funding shall be provided at the minimum amounts in the categories indicated below.

<b>Task No.</b>	<b>Task Title</b>	<b>Budget Category</b>	<b>DEP Amount</b>	<b>Match Amount</b>	<b>Total Amount</b>	<b>Task Start Date</b>	<b>Task End Date</b>
1	Construction	Contractual Services	\$ 900,000	\$ 300,000	\$ 1,200,000	Upon Execution	6/30/2025
<b>Total:</b>			<b>\$ 900,000</b>	<b>\$ 300,000</b>	<b>\$ 1,200,000</b>		

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