

DEP AGREEMENT NO. R1803
CHANGE ORDER NO. #1

GRANTEE

City of Sarasota
111 S. Orange Ave.
Sarasota, FL 34236

DEP Agreement No. R1803 as entered into on the 13th day of December 2018, and Amended on February 28, 2019, is hereby revised as follows:

1. **Attachment A, Grant Work Plan, Project Timeline** is hereby deleted in its entirety and replaced with the following:

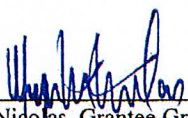
Total Project Timeline:

Task/ Deliverable No.	Task or Deliverable Title	Task Start Date	Task End Date	Deliverable Due Date	Task Funding Amount
1	Mobilization	02/28/19	03/06/19	03/08/19	\$ 25,000
2	Implement Erosion Control	03/19/19	03/27/19	03/29/19	\$1,000
3	Install Floating Turbidity Barrier	03/19/19	03/27/19	03/29/19	\$3,289
4	Removal of Existing Seawall	03/25/19	04/02/19	04/05/19	\$3,500
5	Install Vinyl Gravity Wall	04/01/19	04/16/19	04/19/19	\$3,750
6	Install Bedding Stone	04/09/19	05/25/19	05/27/19	\$16,020
7	Install Riprap Rubble	04/09/19	05/25/19	05/27/19	\$123,165
8	Install Sodding Behind Revetment and Living Shoreline	05/28/19	06/05/19	06/07/19	\$2,800
9	Planting for Living Shoreline	05/21/19	05/27/19	05/31/19	\$4,880
10	Design and Install Educational Signage	06/04/19	06/12/19	06/14/19	\$4,568

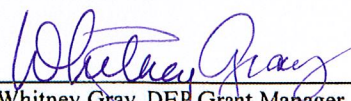
All other terms and conditions of the Agreement shall remain unchanged.

CITY OF SARASOTA

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION



Georges Nicolas, Grantee Grant Manager



Whitney Gray, DEP Grant Manager

Date: 3/01/2019

Date: 3/4/19

**AMENDMENT NO. 1
TO AGREEMENT NO. R1803
BETWEEN
FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
AND
CITY OF SARASOTA**

This Amendment to Agreement No. R1803 (Agreement) is made by and between the Department of Environmental Protection (Department), an agency of the State of Florida, and City of Sarasota, 1565 First Street, Sarasota, FL 34236 (Grantee), on the date last signed below.

WHEREAS, the Department entered into the Agreement with the Grantee to increase shoreline resiliency along Sarasota Bay by removing a degraded seawall to replace it with a softer, sloped rip-rap design and to restore a living shoreline and breakwater, effective December 13, 2018;

WHEREAS, the parties wish to amend the Agreement as set forth herein to increase the awarded grant amount from \$174,337, to \$187,972 to cover the increased costs for the project to be completed;

WHEREAS, the increased funds require a revised project work plan and change to overall total budget amount.

NOW THEREFORE, the parties agree as follows:

- 1) Attachment 3, Grant Work Plan, is hereby deleted in its entirety and replaced with Attachment 3-A, Revised Grant Work Plan, as attached to this Amendment and hereby incorporated into the Agreement. All references in the Agreement to Attachment 3 shall hereinafter refer to Attachment 3-A, Revised Grant Work Plan.
- 2) The total amount of funding of the Agreement is increased to \$187,972.00.
- 3) All other terms and conditions of the Agreement remain in effect. If and to the extent that any inconsistency may appear between the Agreement and this Amendment, the provisions of this Amendment shall control.

The parties agree to the terms and conditions of this Amendment and have duly authorized their respective representatives to sign it on the dates indicated below.

City of Sarasota

By: _____

Date: _____

Florida Department of
Environmental Protection

By: _____

Date: _____

LIST OF ATTACHMENTS/EXHIBITS INCLUDED AS PART OF THIS AMENDMENT:

<u>Specify Type</u>	<u>Letter/Number</u>	<u>Description</u>
Attachment	3-A	Revised Grant Work Plan

**STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
REVISED GRANT WORK PLAN
DEP AGREEMENT NO.: R1803**

ATTACHMENT 3-A

Project Title: Resilient Shoreline Softening on Sarasota Bay (1000/1001 Boulevard of the Arts)

Grantee

Organization Name: City of Sarasota _____
Chief Elected Official or Agency Head: Thomas Barwin _____
Title: City Manager _____
Address: 1565 First St _____
City: Sarasota _____
Zip Code: 34236 _____
Area Code and Telephone Number: 941-365-2200 _____
E-Mail Address: Thomas.Barwin@sarasotaFL.gov _____

Project Manager

Organization Name: City of Sarasota _____
Name: Georges Nicolas _____
Address: 1761 12th St _____
City: Sarasota _____
Zip Code: 34236 _____
Area Code and Telephone Number: 941-376-4535 _____
E-Mail Address: Georges.Nicolas@sarasotaFL.gov _____

Fiscal Agent

Organization Name: City of Sarasota _____
Name: Marjorie Hollman _____
Address: 1565 First St _____
City: Sarasota _____
Zip Code: 34236 _____
Area Code and Telephone Number: 941-365-2200 ext 4114 _____
E-Mail Address: Marjorie.Holman@sarasotafl.gov _____

Mailing Address for Warrant (if other than the Grantee address):

FEID No.: 596000426

DUNS No.: 073225724

Project Summary

Location: 1000 and 1001 Boulevard of the Arts, Sarasota, FL 34236 [Sarasota County]

Project Summary: Project funds will be used to increase shoreline resiliency along Sarasota Bay by removing a degraded seawall to replace it with a softer, sloped riprap design and to restore a living shoreline and breakwater.

Project Description: Grant funds will be used for materials and labor to remove a seawall, replace it with a sloped riprap revetment and restore a living shoreline and breakwater. This work is critical to protect and enhance a public shoreline from further erosion and to increase resiliency to future climate impacts. Additionally, the project will provide education to the many park visitors on the benefits of living shorelines and climate adaptation. More specifically, project funds will be used to:

- Remove an existing 78-foot seawall
- Purchase and replace seawall area with four-foot-deep, 2,120 square foot of a sloped riprap revetment placed over 1500 square feet of bedding stone and lined with 800 square foot of sodding behind project area
- Restore a Living Shoreline with 450 square feet of sodding, 488 square yards of planting material
- Restore a 59.5 square foot breakwater with riprap rubble
- Install a small vinyl sheet pile wall to the south of the site to secure the revetment from impacting the adjacent private property
- Provide a floating turbidity barrier for erosion control along 265 feet of the project site
- Mobilize for implementation

Total Budget Summary: Complete the amounts affiliated with each task and category for your project.

GRANT AGREEMENT TOTAL	\$187,972.00
------------------------------	---------------------

Categories	Task 1	Task 2	Task 3	Task 4	Task 5	Task 6
Contractual Services	\$25,000	\$3,500	\$3,750	\$123,165	\$16,020	\$2,800

Categories	Task 7	Task 8	Task 9	Task 10	TOTAL BY CATEGORY
------------	--------	--------	--------	---------	-------------------

Contractual Services	\$4,880	\$1,000	\$3,289	\$4,568	\$187,972
-----------------------------	---------	---------	---------	---------	-----------

Total Project Timeline: The project is currently scheduled to be released for bids on 11/27/2018. Given this, the City does not yet know the contractor for the project. The contractor bid and scope of services will include the timelines listed in the grant agreement.

Task No.	Task or Deliverable Title	Task Start Date	Task End Date	Deliverable Due Date	Task Funding Amount
1	Mobilization	02/28/19	03/01/19	03/01/19	\$ 25,000
2	Implement Erosion Control	03/01/19	03/29/19	03/29/19	\$1,000
3	Install Floating Turbidity Barrier	03/01/19	03/29/19	03/29/19	\$3,289
4	Removal of Existing Seawall	03/01/19	03/29/19	03/29/19	\$3,500
5	Install Vinyl Gravity Wall	03/29/19	04/28/19	04/28/19	\$3,750
6	Install Bedding Stone	03/15/19	04/01/19	04/01/19	\$16,020
7	Install Riprap Rubble	04/01/19	04/28/19	04/28/19	\$123,165
8	Install Sodding Behind Revetment and Living Shoreline	03/29/19	04/28/19	04/28/19	\$2,800
9	Planting for Living Shoreline	03/29/19	04/28/19	04/28/19	\$4,880
10	Design and Install Educational Signage	06/01/2019	06/29/19	06/29/19	\$4,568

Tasks and Deliverables

Task 1

Title: Mobilization

Description: This task includes contractor procuring and staging materials to begin work in an efficient manner and based on agreement terms. Contractor will mobilize by 2/28/2019 on the project site (land-based mobilization only) at 1001 and 1001 Boulevard of the Arts, Sarasota 34236.

Deliverable: Successful and efficient launch of project with materials and equipment in place and ready to begin by 02/28/19

Due Date: 03/01/2019

Funding Amount: \$25,000

Performance Measure: The Department will review the deliverable(s) to ensure it meets the specifications provided in the Task Description, above.

Task 2

Title: Implement Erosion Control

Description: Contractor to install silt barriers including silt fencing around project and staging area to prevent environmental disturbance. Best Management Practice (BMP) devices to include but not limited to construction egress/ingress control, perimeter control, tree protection (if needed), and final stabilization

Deliverable: Successfully installed erosion control barrier with no evidence of silt leakage or negative environmental damage as confirmed by Project Manager (inspection).

Due Date: 03/29/2019

Funding Amount: \$1,000

Performance Measure: The Department will review the deliverable(s) to ensure it meets the specifications provided in the Task Description, above.

Task 3

Title: Install Floating Turbidity Barrier

Description: Contractor will install a floating turbidity barrier to minimize the transport of silt or sediment that may result from project work. Turbidity barrier will be placed in water along 265ft of project site.

Deliverable: Successfully installed turbidity barrier for project site.

Due Date: 03/29/2019

Funding Amount: \$3,289

Performance Measure: The Department will review the deliverable(s) to ensure it meets the specifications provided in the Task Description, above.

Task 4

Title: Removal of Existing Seawall

Description: Contractor will cut existing 78 ft of seawall at the ground line and remove existing above-ground seawall material.

Deliverable: 78 feet of seawall removed from above ground line.

Due Date: 03/29/2019

Funding Amount: \$3,500

Performance Measure: The Department will review the deliverable(s) to ensure it meets the specifications provided in the Task Description, above.

Task 5

Title: Install Vinyl Gravity Wall

Description: Contractor will install a small permanent wall at the south end of the property to protect the adjoining seawall from losing backfill and the adjacent private property. This will be a 5.4 cubic yard wall.

Deliverable: Successfully installed gravity wall.

Due Date: 04/28/2018

Funding Amount: \$3,750

Performance Measure: The Department will review the deliverable(s) to ensure it meets the specifications provided in the Task Description, above.

Task 6

Title: Install Bedding Stone

Description: Contractor will install bedding stone as the first layer to the riprap revetment. The bedding stone will cover 1500 square feet, estimated at 90 tons.

Deliverable: Successfully installed bedding stone layer.

Due Date: 04/01/2019

Funding Amount: \$16,020

Performance Measure: The Department will review the deliverable(s) to ensure it meets the specifications provided in the Task Description, above.

Task 7

Title: Install Riprap Rubble

Description: Contractor to install riprap rubble at a slope of 2:1 over 78 ft area that had a seawall. Contractor will also install riprap to correct and restore function of a breakwater and protect the living shoreline. In total, contractor will replace 805 tons of riprap.

Deliverable: 805 tons of riprap

Due Date: 04/28/2019

Funding Amount: \$123,165

Performance Measure: The Department will review the deliverable(s) to ensure it meets the specifications provided in the Task Description, above.

Task 8

Title: Install sodding behind revetment and living shoreline

Description: Contractor will install 140 square yards of sodding behind riprap revetment and living shoreline area to assist with shoreline stabilization.

Deliverable: 140 square yards of sod.

Due Date: 04/28/2019

Funding Amount: \$2,800

Performance Measure: The Department will review the deliverable(s) to ensure it meets the specifications provided in the Task Description, above.

Task 9

Title: Planting for Living Shoreline

Description: Contractor will plant 488 square yards of native species to establish and restore the Living Shoreline area of the project site.

Deliverable: 488 square yards planted with native species.

Due Date: 04/28/2019

Funding Amount: \$4,880

Performance Measure: The Department will review the deliverable(s) to ensure it meets the specifications provided in the Task Description, above.

Task 10

Title: Design and Install Educational Signage

Description: Contractor to procure and install one high-quality interpretive educational sign to relay project sponsor(s), goals including resiliency benefits of living shorelines. There is no permitting necessary due to city-installed educational signage exemption.

Deliverable: Professionally designed educational sign, approved by city staff. Signage must be ordered by 06/01/2019 and installed by 06/29/2019.

Due Date: 06/29/2019

Funding Amount: \$4,568

Performance Measure: The Department will review the deliverable(s) to ensure it meets the specifications provided in the Task Description, above.