

DEP AGREEMENT NO. **R1813**
CHANGE ORDER NO. #4

GRANTEE

South Florida Regional Planning Council (SFRPC)
One Oakwood Blvd., Suite 221
Hollywood, FL 33020

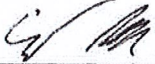
DEP Agreement No. **R1813**, as previously amended, (Agreement) and which was executed on January 14, 2019, is hereby revised as follows:

1. Attachment 3, Grant Work Plan, Task 5, Funding Amount, is hereby changed to \$\$6,659.

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

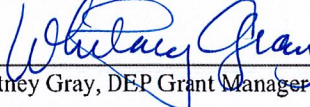
SOUTH FLORIDA REGIONAL
PLANNING COUNCIL

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION



Corey Aitken, Grantee Grant Manager

Date: 6-17-19



Whitney Gray, DEP Grant Manager

Date: 6/17/19

**AMENDMENT NO. 2
TO AGREEMENT NO. R1813
BETWEEN
FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
AND
SOUTH FLORIDA REGIONAL PLANNING COUNCIL (SFRPC)**

This Amendment to Agreement No. R1813, as previously amended, (Agreement) is made by and between the Department of Environmental Protection (Department), an agency of the State of Florida, and South Florida Regional Planning Council (SFRPC), One Oakwood Blvd., Suite 250, Hollywood, FL 33020 (Grantee), on the date last signed below.

WHEREAS, the Department entered into the Agreement with the Grantee to conduct vulnerability assessments, stakeholder engagement, and produce data-driven Comprehensive Plan Amendments to the Coastal Management Elements to ensure the cities of Dania Beach and Palmetto Bay are compliant with Peril of Flood 163.3178(2)(f), Florida Statutes, effective January 14, 2019; and

WHEREAS, the parties wish to amend the Agreement as set forth herein to revise the deliverable to be provided for Task 5 and the date to submit the deliverable in the Grant Work Plan.

NOW THEREFORE, the parties agree as follows:

- 1) Attachment 3, Grant Work Plan, Task 5, is hereby deleted in its entirety and replaced with:

Task 5

Title: Staff Engagement – Feedback on Coastal Management Element

Description: Workshop conversation in which the sensitivity analysis, adaptive capacity analysis, and draft Coastal management elements are presented and discussed.

Deliverable: Meeting Notes and Attendees List (in case of conference call)

Due Date: June 21, 2019

Funding Amount: \$6,685

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

- 2) 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.

**South Florida Regional Planning Council
(SFRPC)**

By: Manuel Lila
Title: Deputy Director

Date: 06/04/19

**Florida Department of
Environmental Protection**

By: [Signature]
Secretary or Designee

Date: 06/13/19

**AMENDMENT NO. 1
TO AGREEMENT NO. R1813
BETWEEN
FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
AND
SOUTH FLORIDA REGIONAL PLANNING COUNCIL (SFRPC)**

This Amendment to Agreement No. R1813 (Agreement) is made by and between the Department of Environmental Protection (Department), an agency of the State of Florida, and South Florida Regional Planning Council (SFRPC), One Oakwood Blvd., Suite 221, Hollywood, FL 32020 (Grantee), on the date last signed below.

WHEREAS, the Department entered into the Agreement with the Grantee for conduct vulnerability assessments, stakeholder engagement, and produce data-driven Comprehensive Plan Amendments to the Coastal Management Elements to ensure the cities of Dania Beach and Palmetto Bay are compliant with Peril of Flood section 163.3178(2)(f), Florida Statutes, effective January 14, 2019;

WHEREAS, the parties wish to amend the Agreement as set forth herein, to modify Special Terms and Conditions and the Grant Work Plan to accommodate changes in Grantee's staffing/personnel, wages, and Project Description, while maintaining overall grant awarded amount and current timeline.

NOW THEREFORE, the parties agree as follows:

- 1) Paragraph 3.a of Attachment 2, Special Terms and Conditions, is hereby deleted in its entirety and replaced with the following:
Compensation. This is a fixed price Agreement. The Grantee shall be compensated under this Agreement as described in Attachment 3.
- 2) Paragraph 4 of Attachment 2, Special Terms and Conditions is hereby deleted and replaced with the following:
RESERVED.
- 3) 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.
- 4) 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.

South Florida Regional Planning Council (SFRPC)

**Florida Department of
Environmental Protection**

By: Isabel Cosio Carballo

By: [Signature]

Date: April 30, 2019

Date: 05/13/19

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
GRANT WORK PLAN
DEP AGREEMENT NO.: R1813**

ATTACHMENT 3-A

Project Title: Peril of Flood Updates: Dania Beach and Palmetto Bay

Grantee Contact Information

Organization Name: South Florida Regional Planning Council
Chief Elected Official or Agency Head: Isabel Cosio Carballo
Title: Executive Director
Address: 1 Oakwood Blvd., Suite 221
City: Hollywood
Zip Code: 33020
Area Code and Telephone Number: 954-924-3653
E-Mail Address: isabelc@sfrpc.com

Project Manager Contact Information

Organization Name: South Florida Regional Planning Council
Name: Corey Aitken
Address: 1 Oakwood Blvd., Suite 221
City: Hollywood
Zip Code: 33020
Area Code and Telephone Number: 954-924-3653
E-Mail Address: caitken@sfrpc.com

Fiscal Agent Contact Information

Organization Name: South Florida Regional Planning Council
Name: Rene Gonzalez
Address: 1 Oakwood Blvd., Suite 221
City: Hollywood
Zip Code: 33020
Area Code and Telephone Number: 954-924-3653
E-Mail Address: rgonzalez@sfrpc.com

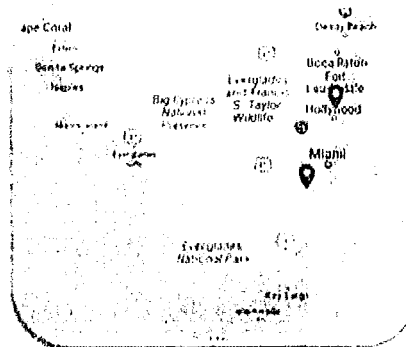
Mailing Address for Warrant (if other than the Grantee address):

FEID No.: F59-1358704

DUNS No.: _____

PROJECT LOCATION:

Dania Beach, Broward County
Palmetto Bay, Miami-Dade County



WORK PLAN

1. Project Abstract:

The cities of Dania Beach and the Village of Palmetto Bay have not yet met the requirements put forth in the Peril of Flood Act (2015). On behalf of the municipalities, the SFRPC will conduct vulnerability assessments, stakeholder engagement, and produce data-driven Comprehensive Plan Amendments to the Coastal Management Elements to ensure the cities of Dania Beach and Palmetto Bay are compliant with Peril of Flood 163.3178(2)(f), Florida Statutes.

2. Project Description:

Communities along Florida's Southeast coast are increasingly facing the peril of periodic flooding. The South Florida Regional Planning Council (SFRPC) proposes to assess those risks and prepare comprehensive plan amendments to address the "peril of flood" in two (2) communities within SFRPC's three county region: Dania Beach (Broward), and Palmetto Bay (Miami-Dade).

First, the SFRPC proposes to conduct a comprehensive vulnerability assessment of each municipality focusing on risks resulting from high-tide events, storm surge, flash floods, stormwater runoff, and the related impacts of sea-level rise. The Florida Department of Environmental Protection suggests vulnerability assessments include both an exposure and sensitivity analysis, completed with ample public outreach. The SFRPC accomplish these objectives, whilst also assessing each municipality's adaptive capacity, as is a best practice put forth by the Intergovernmental Panel on Climate Change.

For the exposure analysis, the SFRPC will utilize the Tampa Bay Regional Planning Council's Sea Level Rise and Storm Surge GIS Add-In and the best available data. We will map the current Coastal High Hazard Area (CHHA) for each municipality, utilizing the 2016 National Hurricane Center Sea, Lake, and Overland Surges from Hurricanes model (SLOSH) basin update. We will also map the future expansion of the CHHA with two scenarios of sea-level rise, 1 foot and 2 feet. Lastly, we will map the municipality's inundation from the two sea-level rise (1 foot and 2 feet) scenarios alone.

The sensitivity analysis and assessment of adaptive capacity will be addressed through public outreach workshops. SFRPC staff will present the initial exposure analysis and request feedback from the audience. Key stakeholders in each municipality will be invited to attend, as well as the general public, to share insights related to obstacles and opportunities for adaptation, specific sensitive populations or locations, and other information which may impact the municipalities resilience. Additionally, the SFRPC will conduct key informant interviews with municipal staff members and members of the community to add additional context and detail to the elicited public comments.

Following the vulnerability assessment and at least one workshop per municipality, the SFRPC will draft a Comprehensive Plan Amendment for each municipality's Coastal Management element in order for the plans to be compliant with Peril of Flood requirements. This draft amendment will include a minimum of four (4) strategies, principles, and related engineering solutions and four (4) site development techniques that can reduce flood risk and/or losses to property in coastal areas resulting from high-tide events, storm surge, flash floods, stormwater runoff, and the related impacts of sea-level rise.

This draft amendment, along with the full vulnerability assessment will be presented at a second public workshop to garner feedback and suggestions. The Comprehensive Plan Amendment will be revised (as needed) following the public input and then submitted to each municipality for their staff's initial review and commission first reading. SFRPC staff will present, if requested, at the municipality's commission meetings until the proposed Amendment is transmitted for state review.

3. BUDGET SUMMARY:

FIXED PRICE						Grant Amount	
AGREEMENT TOTAL						\$ 36,857	
	Task 1	Task 2	Task 3	Task 4	Task 5	Task 6	TOTAL
Fixed Price	\$3,565	\$6,658	\$6,658	\$6,658	\$6,659	\$6,659	\$36,857
SUB-TOTAL BY TASK	\$3,565	\$6,658	\$6,658	\$6,658	\$6,659	\$6,659	\$36,857

- 4. PROJECT TIMELINE:** The tasks must be completed by the corresponding task end date and all deliverables must be received by the designated due date.

Task No.	Task or Deliverable Title	Task Start Date	Task End Date	Deliverable Due Date	Task Amount
1	Summary Background Information - Sea-Level Rise	Upon Execution	2/15/19	2/15/19	\$3,565
2	Exposure Assessment - Create Maps of Flood Risks	Upon Execution	2/15/19	2/15/19	\$6,658
3	Stakeholder Engagement - Sensitivity and Adaptive Capacity Assessment	2/1/2019	4/15/19	4/15/19	\$6,658
4	Model Coastal Management Element	3/1/2019	4/30/2019	4/30/2019	\$6,658
5	Stakeholder Engagement - Feedback on Coastal Management Element	5/1/2019	5/31/2019	5/31/2019	\$6,659
6	Revised Coastal Management Element	6/3/2019	6/14/2019	6/21/2019	\$6,659

- 5. CONSEQUENCES FOR NON-PERFORMANCE:** The Department will reduce each Task Funding Amount by 5% for everyday that a deliverables are not received on the specified due date in the most recent Project Timeline, for the Agreement. Should a Change Order or Amendment be requested on the date of or after the most current Deliverable Due Date, the 5% reduction of that Task Funding Amount will be imposed until the date of the requested change is received, via email by the Department.

TASKS & DELIVERABLES

Task 1

Title: Summary Background Information – Sea-Level Rise

Description: Conduct a literature review of local sea-level rise, the history of flooding, demographics, land use, and existing policy and code for each municipality.

Deliverable: Background Information Report for each municipality.

Due Date: February 15, 2019

Funding Amount: \$3,565

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

Task 2

Title: Exposure Assessment

Description: Create maps of flood risk and exposure. Utilize the Tampa Bay Regional Planning Council's Sea-Level Rise and Storm Surge model to export maps for the following conditions: Category 1 hurricane storm surge, category 1 hurricane storm surge plus 1 foot of sea-level rise, category 1 hurricane storm surge plus 2 feet sea level rise, 1 foot of sea level rise above current mean higher high water, and 2 feet of sea level rise above current mean higher high water.

Deliverable: The above-mentioned maps for each municipality (15 total, 5 per municipality)

Due Date: February 15, 2019

Funding Amount: \$6,658

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

Task 3

Title: Stakeholder Engagement – Sensitivity and Adaptive Capacity Assessment

Description: Public workshop where the exposure assessment will be presented and then discussed by members of the public and stakeholder groups. Following the discussion of exposure, attendees will be led through a series of questions to assess sensitive areas, assets, populations as well as aspects of the community which support adaptation. Additional interviews and focus groups if needed to delve into issues further.

Deliverable: Meeting notes, attendees sign-in list, interview transcripts, and sensitivity/adaptive capacity report for each municipality.

Due Date: April 15, 2019

Funding Amount: \$6,658

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

Task 4

Title: Model Coastal Management Element

Description: Review of existing Coastal Management element and suggested Goals, Policies, and Objectives to bring the element into compliance with Peril of Flood legislation.

Deliverable: Amended draft Coastal Management Elements for each municipality.

Due Date: April 30, 2019

Funding Amount: \$6,658

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

Task 5

Title: Stakeholder Engagement- Feedback on Coastal Management Element

Description: Workshop in which the sensitivity analysis, adaptive capacity analysis, and draft Coastal Management elements are presented, and ample feedback is encouraged.

Deliverables: Meeting notes and attendees sign-in list.

Due Date: May 31, 2019

Funding Amount: \$6,659

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

Task 6

Title: Revised Coastal Management Element

Description: Updated Coastal Management element to reflect public input and input from each municipality.

Deliverable: Coastal Management Comprehensive Plan Amendment ready for first commission hearing and transmittal to the state.

Due Date: June 21, 2019

Funding Amount: \$6,659

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