

**AMENDMENT NO. 2
TO AGREEMENT NO. CM745.
BETWEEN
FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
AND
CITY OF INDIAN HARBOUR BEACH**

This Amendment to Agreement No. CM745 , as previously amended, (Agreement) is made by and between the Department of Environmental Protection (Department), an agency of the State of Florida, and City of Indian Harbour Beach, 2055 South Patrick Drive., Indian Harbour Beach, FL 32937 (Grantee), on the date last signed below.

WHEREAS, the Department entered into the Agreement with the Grantee to educate residences and businesses about resiliency and to assess impacts from sea level rise, flooding and storm surge, effective August 10, 2018; and

WHEREAS, the parties wish to amend the Agreement as set forth herein.

NOW THEREFORE, the parties agree as follows:

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

Task 3 Description:

- a. Review comments from DEO and other agencies and revise Amendment, if necessary.
- b. Present Plan Amendments to Council for adoption.
- c. Submit adopted Amendments to DEO for compliance review.

Deliverable: Submit a copy of any adopted Amendments sent to DEO for compliance review to the Department.

Due Date: June 23, 2019

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

Funding for Task:

Category	Grant Funds
Contractual:	\$8,000
TASK TOTAL:	\$8,000

- 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.

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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 Indian Harbour Beach

By: Mark C. Ryan
Title: CITY MANAGER
Date: 6/3/19

**Florida Department of
Environmental Protection**

By: Whitney Gray
Secretary or Designee
Date: 6/3/19

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**STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
GRANT WORK PLAN
DEP AGREEMENT NO.: CM745**

ATTACHMENT 3

Project Title: INDIAN HARBOUR BEACH RESILIENCY PROJECT

Grantee

Organization Name: City of Indian Harbour Beach

Chief Elected Official: David Panicola, Mayor

Address: 2055 South Patrick Drive

City, State, Zip Code: Indian Harbour Beach, FL 32937

Telephone Number: 321-773-3181

Facsimile Number: 321-773-5080

E-Mail Address: dpanicola@indianharbour.org

Project Manager

Organization Name: City of Indian Harbour Beach

Name: Mark Ryan, City Manager

Address: 2055 South Patrick Drive

City, State, Zip Code: Indian Harbour Beach, FL 32937

Area Code and Telephone Number: 321-773-3181

Area Code and Facsimile Machine Telephone Number: 321-773-5080

E-Mail Address: mryan@indianharbour.org

Fiscal Agent

Organization Name: City of Indian Harbour Beach

Name: Julie Bradford, Comptroller

Address: 2055 South Patrick Drive

City, State, Zip Code: Indian Harbour Beach

Telephone Number: 321-773-3181

Facsimile Number: 321-773-5080

E-Mail Address: jbradford@indianharbour.org



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

FEID No.: 59-0994561

DUNS No.: 014836563

Location: Indian Harbour Beach, Brevard County

2055 South Patrick Drive, Indian Harbour Beach, FL 32937

This project will take place in Indian Harbour Beach, located in Brevard County on the barrier island east of Melbourne, Florida. It is bordered on the east by the Atlantic Ocean, the west by the Banana and Indian Rivers, on the south by the City of Melbourne, and the north by Satellite Beach. The City faces potential impacts from sea level rise, storm surge and flooding from the Atlantic Ocean on the east and the rivers to the west.

Project Description:

Priorities of the grant project will be to educate the residents and businesses about resiliency and to assess impacts from sea level rise, flooding and storm surge. The City will coordinate with the East Central Florida Regional Planning Council (ECFRPC) to develop educational visualizations and will facilitate engagement opportunities for the community relevant to resiliency and the future of the strategies to reduce the potential impacts of sea level rise and storm surge. This public engagement and education, combined with an assessment of the City's vulnerabilities, as they relate to ensuring resiliency to hazards and changing climate conditions, will guide the decision-making process for future development, infrastructure projects and various programs within the City. This project will focus on the following goals:

- 1) Conduct a vulnerability analysis and develop Map Visualizations for public education and engagement as related to sea level rise, frequent or "nuisance" flooding and storm surge;
- 2) Engage the residents and businesses in the City through at least one public workshop to enhance education on vulnerabilities and obtain input on priorities, policies, and resiliency and adaptation strategies for implementation; and
- 3) Develop Goals, Objectives and Policies to the Conservation and Coastal Management Element to best address resiliency strategies for the City.

The City's project team will utilize the UF Geo Plan Sea Level Sketch Planning Tool to determine impacts to the City relative to the various sea level rise projection curves. With direction and input from the stakeholders and based on review of the East Central Regional Resiliency Action Plan, it may be necessary to assess the National Oceanic and Atmospheric Administration (NOAA) 2017 Intermediate High and High Rate sea level rise projection curves or the 2012 NOAA projection curves. Additional data from NOAA will be used to assess the potential for frequent or "nuisance" flooding.

Total Budget Summary:

	Grant
AGREEMENT TOTAL	\$20,500.00

**TOTAL GRANT
FUNDS**

Categories	Task 1	Task 2	Task 3	TOTAL
Contractual	\$8,500.00	4,000.00	8,000.00	\$20,500.00

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/ Deliverable No.	Task or Deliverable Title	Task Start Date	Task End Date	Deliverable Due Date/ Frequency
1	Reports on deficiencies of Conservation, Flooding vulnerability, Workshop, and Draft Amendment, per Task 1	9/4/18	11/16/18	11/30/18
2	Comprehensive Plan Amendment, Minutes from LPA & Council Meetings, and review letter from DEO, per Task 2	11/19/18	1/31/19	2/14/19
3	Review DEO and Agency comments and revise Conservation and Coastal Management Element if necessary. Present to Council for adoption, per Task 3	4/14/19	6/15/19	6/21/19

All materials created will include DEP, NOAA, and FCMP logos. A sample or electronic version is required to be sent to angel.baratta@floridadep.gov or 3900 Commonwealth Blvd, MS 235, Tallahassee, FL 32399-3000, to receive prior approval from the FCMP Administrator. (See paragraph 27(A) of the grant agreement for details.)

Task 1 Description:

- a. Review current Goals, Objectives and Policies of the City's Conservation and Coastal Management Element to determine what policies should be revised, modified or added to meet state requirements of Section 163.3178 F. S.
- b. Research appropriate data related to storm surge and sea level rise.
- c. Modify, revise and provide new Objectives and Policies.

Deliverable:

Report analyzing deficiencies of Conservation and Coastal Management Element in complying with State law.

Report analyzing flooding vulnerability, based on recent studies from East Central Florida Regional Planning Council, including the most recent TPO Sea Level Rise vulnerability assessment for Brevard County. The UF Geo Plan Sea Level Sketch Planning Tool will be used to show USACE projections for sea level rise. Maps to depict projected sea level rise inundation according to the USACE intermediate projection curves for the years 2040 and 2060.

Workshop to engage and solicit adequate public input from residents and stakeholders prior to the LPA public hearing. Minutes of workshop will be furnished.

Draft Amendment to Conservation and Coastal Management Element including development and redevelopment strategies to reduce the flood risk in coastal areas.

Due Date/Frequency/Performance Period: November 30, 2018

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

Funding for Task:

Category	Grant Funds
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Attachment 3, DEP Agreement #: CM745

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Contractual:	\$8,500.00
TASK TOTAL:	\$8,500.00

Task 2 Description:

- a. Prepare Comprehensive Plan Amendment ordinance.
- b. Present Amendments to P&Z (LPA) and City Council
- c. Submit Amendments to Department of Economic Opportunity (DEO).

Deliverable:

Comprehensive Plan Amendment ordinance and advertisement for meeting before the Planning & Zoning (LPA)
Minutes from LPA and Council meetings
Review letter from DEO

Due Date/Frequency/Performance Period: February 14, 2019

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

Funding for Task:

Category	Grant Funds
Contractual:	\$4,000.00
TASK TOTAL:	\$4,000.00

Task 3 Description:

- a. Review comments from DEO and other agencies and revise Amendment, if necessary.
- b. Present Plan Amendments to Council for adoption
- c. Submit adopted Amendments to DEO for compliance review.
- d. Furnish updated Comprehensive Plan to City after ordinance is found effective.

Deliverable:

Fully approved Plan Amendments consistent with Florida Statute 163.31178.

Due Date/Frequency/Performance Period: June 21, 2019

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

Funding for Task:

Category	Grant Funds
Contractual:	\$8,000.00
TASK TOTAL:	\$8,000.00

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