

**CHANGE ORDER NO. 1
DEP AGREEMENT NO. 16PI2
LONG KEY/UPHAM BEACH GROIN REPLACEMENT**

LOCAL SPONSOR

Pinellas County
22211 US Hwy. 19 N. Bldg. 10
Clearwater, Florida 33756

THIS AGREEMENT, entered on the 27th day of December, 2016, is hereby revised as follows:

WHEREAS the Local Sponsor had requested an extension of the deliverable due date for deliverable 3.3A as a consequence of unanticipated delays, and the Department has agreed.

NOW, THEREFORE, in consideration of the mutual benefits to be derived hereunder, the Department and the Local Sponsor do hereby agree as follows:

Attachment A, Grant Work Plan, is hereby deleted in its entirety and replaced with Attachment A-1, Revised Grant Work Plan, attached hereto and made a part of the Agreement. All references in the Agreement to Attachment A shall hereinafter refer to Attachment A-1, Revised Grant Work Plan.

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

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IN WITNESS WHEREOF; the undersigned have signed and executed this Agreement on the respective dates under their signatures:

PINELLAS COUNTY

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

By: _____
Title: County Administrator

By: _____
Department of Environmental Protection
Secretary or designee

Barry A. Burton

Print Name

Print Designee Name and Title

Date: _____

Date: _____

FEID No. 59-60000800-259

LIST OF ATTACHMENTS/EXHIBITS INCLUDED AS PART OF THIS CHANGE ORDER:

<u>Specify Type</u>	<u>Letter/Number</u>	<u>Description</u>
Attachment	A-1	Revised Grant Work Plan (4 pages)

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**ATTACHMENT A-1
REVISED GRANT WORK PLAN**

Project Title: Long Key/Upham Beach Groin Replacement.

Project Location: The Project is located between Department of Environmental Protection (Department) reference monuments R-144 and R-146 along the Gulf of Mexico in Pinellas County, Florida, as specified in the Strategic Beach Management Plan, Section 62B-36.005, Florida Administrative Code (F.A.C.).

Project Background: Five temporary geotextile T-head groins were installed in 2005-2006. The geotextile groins were immediately covered by an emergency post-storm nourishment project. The temporary structures were constructed as an experimental project to determine the effectiveness of the groins and to analyze potential downdrift impacts prior to the installation of permanent structures. The temporary structures have performed as designed with no observed downdrift impacts. Based on the performance of the temporary geotextile T-head groins, the Department and the United States Army Corps of Engineers were able to issue permits to Pinellas County for the installation of permanent rock structures.

Project Description: The Project consists of the construction of four permanent T-head groins and the removal of the remaining five geotextile groins.

The Project shall be conducted in accordance with the terms and conditions set forth under this Agreement, all applicable Department permits and the eligible Project task items established below. All data collection and processing, and the resulting product deliverables, shall comply with the standards and technical specifications contained in the Department's Monitoring Standards for Beach Erosion Control Projects (2014) and all associated state and federal permits, unless otherwise specified in the approved Scope of Work for an eligible Project item. The monitoring standards may be found at:

<http://www.dep.state.fl.us/beaches/publications/pdf/PhysicalMonitoringStandards.pdf>.

One (1) electronic copy of all written reports developed under this Agreement shall be forwarded to the Department, unless otherwise specified.

Acronyms:

USACE- United States Army Corps of Engineers
FWC- Florida Fish and Wildlife Conservation Commission
FWS- United States Fish and Wildlife Service
JCP- Joint Coastal Permit
RAI- Request for Additional Information

For the purpose of this Attachment A, Grant Work Plan, the term "Grantee" and "Local Sponsor" will be used interchangeably.

The Department and the Local Sponsor/Grantee agree that the state grant funding, not to exceed the estimated costs of the Project, are identified in Table 1 below:

TABLE 1
Estimated Eligible Project Cost

2.0	Design					
2.1	Design and Permitting	50%		\$140,500.00	\$140,500.00	\$281,000.00
	Subtotal			\$140,500.00	\$140,500.00	\$281,000.00
3.0	Construction					
3.1	Removal of Damaged Geotextile Bags (Spring 2016)	50%		\$19,201.00	\$19,201.00	\$38,402.00
3.2	Bid Assistance for T-Groin Replacement Project Construction	50%		\$9,693.50	\$9,693.50	\$19,387.00
3.3	T-Groin Replacement Project Construction	50%		\$4,984,150.00	\$4,984,150.00	\$9,968,300.00
3.4	Supplemental Beach Nourishment	50%		\$581,455.50	\$581,455.50	\$1,162,911.00
	Subtotal			\$5,594,500.00	\$5,594,500.00	\$11,189,000.00
	TOTAL PROJECT COSTS			\$5,735,000.00	\$5,735,000.00	\$11,470,000.00

Changes in Project costs that increase or decrease the total funding amount shall require a formal amendment to the Agreement.

TASKS and DELIVERABLES:

Tasks must be completed as outlined below and in the Department-approved scope(s) of work prepared by the Local Sponsor for the Project. Deliverables listed below are to be completed by the Local Sponsor or submitted to the Department by the due date listed, in this Work Plan. The Deliverable due by dates established in this Grant Work Plan indicate the time by which a Deliverable is received. The dates do not necessarily correspond with permit required due by dates. The Local Sponsor must meet the terms of the permit for compliance. The Department shall provide review and comment/approval of each Deliverable prior to reimbursement.

TASK 2.0 Design

Task Description: The Local Sponsor will conduct studies necessary to determine the feasibility and extent of improvements necessary to accomplish the goals of the Project. Investigations shall include any of the following: physical and environmental surveying, reconnaissance-level geotechnical services, coastal engineering analysis, economic studies, environmental analysis, real estate studies and plan formulation. All data and analysis will be presented in a Department-approved format as required by paragraph 4 of this Work plan.

Performance Standard: All deliverables, reports, and monitoring results will be submitted to the Department for review and comment. The Department’s Grant Manager will review the deliverables to verify that they meet the specifications in the Scope of Work and this Grant Work Plan and this task description, and that work is being performed in accordance with the Grantee’s service provider contracted documents and specifications. Reimbursement requests may be submitted after a deliverable has been submitted to and approved by the Department’s Project Manager, in writing.

2.1 Design and Permitting

Task includes the design and Permitting of permanent rock T- Groins, including the development of final plans and specifications and the bid package.

Deliverable A: Bid Package including Plans Specifications and Permits.

Total Cost: \$56,000.00 (**Department Cost:** \$28,000.00).

Due Date: October 31, 2018. Task is 100% complete.

Task includes the design and permitting of Supplemental Nourishment, including the development of final plans and specifications and the bid package.

Deliverable B: Bid Package including Plans Specs and Permits.

Total Cost: \$225,000.00 (**Department Cost:** \$112,500.00).

Due Date: October 31, 2018.

TASK 3.0 Construction

Task Description: This task includes work performed and costs incurred associated with the placement of fill material and/or the construction of erosion control structures within the Project area. The task includes work associated with eligible beach restoration construction associated with the Project such as those costs approved through bids and construction-phase engineering and monitoring services. Eligible costs may include mobilization, demobilization, construction observation or inspection services, beach fill, tilling and scarp removal, erosion control structures, dune stabilization measures and native beach-dune vegetation. Construction shall be conducted in accordance with any and all State or Federal permits. The Local Sponsor will submit a construction activity package for task work completed during the period. The construction activity package must include:

- (1) An itemized summary of the materials, labor, or services to identify the nature of the work performed; the amount expended for such work; the name of the person/entity providing the service or performing the work; and proof of payment of the invoices, the period activity was performance;
- (2) A certification signed by the Local Sponsor's project manager as to the current cost of the Project; stating that the materials, labor, or services represented by the invoice have been satisfactorily purchased or performed and applied to the Project; and that all funds expended to date have been applied toward completing the Project; and
- (3) A certification from the Local Sponsor responsible for overseeing construction stating that equipment, materials, labor and services represented by the construction invoices have been satisfactorily invoiced, purchased, received, approved and applied to the Project, as described in the Grant Work Plan, in accordance with construction contract documents; that payment is in accordance with construction contract provisions; and that construction, up to the point of the request, is in compliance with the contract documents; and identifying all additions or deletions to the Project that have altered the Project's performance standards, scope of work, or purpose since the issuance of the Department construction permit.

Performance Standard: The Department's Project Manager will review the construction activity package and other deliverables to verify that 1) work was performed in accordance with the service provider's-contracted documents and specifications in this task description and 2) that the deliverables meet the specifications in this task description. Reimbursement requests may be submitted once a deliverable has been submitted to and approved by the Department's Project Manager.

Payment Request Schedule: Grantee may submit a payment request for cost reimbursement no more frequently than once per quarter. The outlined deliverables, as applicable, must have been submitted and accepted in writing by the Department's Project Manager prior to payment request submittal.

3.1 Removal of Damaged Geotextile Bags (Spring 2016)

Deliverable A: Construction activity package for the removal of damaged geotextile bags, including summary of the work performed, summary of costs, proof of payment, certification from grantee that work was performed.
Total Cost: \$38,402.00 (**Department Cost:** \$19,201.00).
Due Date: October 31, 2018. Task is 100% complete.

3.2 Bid Assistance for T-Groin Replacement Project Construction

Coordination of, and attendance at, the pre-bid conference with Local Sponsor representatives. Respond to questions from potential bidders during the bid process to clarify bid documents. Evaluate bidders' qualifications and contact references in order to obtain information necessary to develop a recommendation of award.

Deliverable A: A memo documenting the pre-bid conference, copies of addenda to the bid package, and written recommendation of award for the permanent T-groin Replacement project.
Total Cost: \$19,387.00 (**Department Cost:** \$9,693.50).
Due Date: October 31, 2018. Task is 100% complete.

3.3 T-Groin Replacement Project Construction

Construction activities including mobilization; demobilization; site preparation; construction of four permanent rock T-groins; removal of debris and remaining geotextile groins; dune planting; restoration of construction access and staging area in accordance with JCP permit number 0308348.

Deliverable A: Construction activity package for the T-groin Replacement Project, including summary of the work performed, summary of costs, proof of payment, certification from grantee that work was performed and completion certification from the project engineer.
Total Cost: \$9,968,300.00 (**Department Cost:** \$4,984,150.00).
Due Date: December 31, 2018.

3.4 Supplemental Beach Nourishment

Supplemental nourishment after completion of the T-groin Replacement Project.

Deliverable A: Construction activity package for the Supplemental Nourishment Project, including summary of the work performed, summary of costs, proof of payment, certification from grantee that work was performed and completion certification from the project engineer.
Total Cost: \$1,162,911 (**Department Cost:** \$581,455.50).
Due Date: October 31, 2018.

NOTE: The deliverable due dates established in this Grant Work Plan indicate the time by which a deliverable is received. The dates do not necessarily correspond with permit required due dates. The Local Sponsor must meet the terms of the permit for compliance. All Tasks Are Contractual Services.