

**BOARD OF COUNTY COMMISSIONERS**

DATE: January 28, 2014

AGENDA ITEM NO. 10

Consent Agenda ☐

Regular Agenda ☒

Public Hearing ☐

**County Administrator's Signature:** 


**Subject:**

Amendment No. 1 to the Grant Agreement with the Florida Department of Environmental Protection for Honeymoon Island Beach Restoration Project  
FDEP Agreement No. 13PI1  
County PID No. 922279/000150A

**Department:**

Department of Environment and Infrastructure 

**Staff Member Responsible:**

Richard Coates, P. E., Director   
Transportation & Stormwater

**Recommended Action:**

I RECOMMEND THE BOARD OF COUNTY COMMISSIONERS (BOARD) APPROVE THE AMENDMENT NO. 1 TO THE GRANT AGREEMENT WITH THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (FDEP) FOR THE HONEYMOON ISLAND BEACH RESTORATION PROJECT, AND AUTHORIZE THE CHAIRMAN TO SIGN AND THE CLERK TO ATTEST.

**Summary Explanation/Background:**

On October 16, 2012 the Board approved a grant agreement with FDEP that provided state funding of \$6,314,162 to continue Phase II construction and post construction monitoring for Honeymoon Island Beach Restoration. The funding of that Agreement No. 13PI1, is \$5,780,000 of state funding appropriated in 2012 and the balance of \$534,162 from the expired Agreement No. 01PI1.

Amendment No. 1 revises the grant agreement Work Plan adding items to the scope of work to be performed by the County's consultant, Humiston & Moore Engineers, P.A. The revised items include additional design, survey and construction related services and costs. The companion consultant agreement, FDEP Agreement No. DC839, is being amended to coincide with the grant agreement Work Plan revisions. Other miscellaneous items being amended include a clarification of FDEP's financial obligations and administrative housecleaning items.

The bid for construction is anticipated to be advertised in February 2014, with construction beginning this summer and completion by early 2015.

**Fiscal Impact/Cost/Revenue Summary:**

County	\$ 119,116
State	<u>\$6,314,162</u>
Project Total	\$6,433,278

Funds are budgeted in the Coastal Management section of the County's Capital Improvement Program. The project costs for this Amendment will be shared between the Florida Department of Environmental Protection reimbursement grant and Tourist Development Tax.

**Exhibits/Attachments Attached:**

Contract Review Transmittal  
Amendment No. 1  
Project Financial Overview

**NON-PURCHASING CONTRACT REVIEW TRANSMITTAL SLIP**

**PROJECT:** Amendment No. 1 to the Grant Agreement with the Florida Department of Environmental Protection for the Honeymoon Island Beach Restoration Project, 922279/000150A

**CONTRACT NO.:** FDEP 13PI1

**ESTIMATED EXPENDITURE / REVENUE:** \$119,116  
(Circle or underline appropriate choice above.)

In accordance with Contract Administration and its Review Process, the attached documents are submitted for your review and comment. Please complete this Non-Purchasing Contract Review Transmittal Slip below with your assessment, and **forward to the next Review Authority on the list, skipping any authority marked "N/A."** Indicate suggested changes by noting those in "Comments" column, or by revising, in RED, the appropriate section(s) of the document(s) to reflect the exact wording of the desired change(s).

**OTHER SPECIFICS RELATING TO THE CONTRACT:**

REVIEW SEQUENCE	DATE	INITIAL/ SIGNATURE	COMMENTS (IF ANY)	COMMENTS REVIEWED & ADDRESSED OR INCORPORATED
<b>Originator: DEI</b> John Bishop Andy Squires Kelli Levy Richard Coates, P.E.	12/31/13 1/2/14 1/2/2014 1-3-14	SB AS KL RC		
<b>Clerk's Finance:</b> Cassandra Williams	1/9/14	CW		
<b>Risk:</b> Virginia Holscher quto 1-13-14	1/13/14	GH	Insurance in original agreement.	ts 1/15/14
<b>OMB:</b> Bill Berger	1/14/14	L	See attached.	ts 1/15/14
<b>Legal:</b> David McCrea  <b>AATF</b>	1/15/14	DM		
<b>DEI Executive Director:</b> David E. Scott, P.E.	1/16/14	DES		

Please return to Trina Shisler, DEI, ext. 45316

All inquiries should be made to John Bishop, DEI, ext 48766

AMENDMENT No. 1  
DEP AGREEMENT No: 13PI1  
FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
DIVISION OF WATER RESOURCE MANAGEMENT  
BEACH MANAGEMENT FUNDING ASSISTANCE PROGRAM  
STATE OF FLORIDA  
GRANT AGREEMENT FOR  
HONEYMOON ISLAND BEACH RESTORATION PROJECT

THIS AGREEMENT as entered into on 21<sup>nd</sup> day of October 22, 2012, between the FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (hereinafter referred to as the "DEPARTMENT"), whose address is 2600 Blair Stone Road, MS 3511, Tallahassee, Florida 32399 and PINELLAS COUNTY, a local government, (hereinafter referred to as the "LOCAL SPONSOR"), whose address is 22211 US 19, Building 10, Clearwater, Florida 33765, for the project described herein.

WHEREAS unexpected delays in obtaining the U.S. Army Corps of Engineers permit delayed several deliverable due dates;

WHEREAS Tropical Storm Debby caused significant erosion requiring resurveying and slight modifications to the project design, and the Grant Work Plan;

WHEREAS, it has come to the DEPARTMENT's attention that the Request for Payment forms require modification to allow prompt payment of invoices;

WHEREAS, the DEPARTMENT's contact address and mailing station have changed and that change is reflected within this amendment; and,

WHEREAS, other changes to the Agreement are necessary.

NOW, THEREFORE, in consideration of the mutual benefits to be derived herefrom, the DEPARTMENT and the LOCAL SPONSOR do hereby agree as follows:

- Paragraph 7 sentences three and four are hereby deleted in their entirety and replaced with the following:

Each Scope of Work shall require approval by the DEPARTMENT as to content, deliverables, and schedule prior to initiating the work.

The tasks must be incorporated into the Grant Work Plan in the form of an approved amendment to this Agreement.

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- Paragraph 8 **Table 1** is hereby deleted in its entirety and replaced with the following:

Task #	Eligible Project Tasks			
		DEP	Local	Total
<b>2.0</b>	<b>Design and Permitting</b>			
2.1	Phase II Design and Permitting	\$56,247	\$18,749	<b>\$74,996</b>
2.2	Tropical Storm Debby	\$8,850	\$2,950	<b>\$11,800</b>
<b>3.0</b>	<b>Construction</b>			
3.1	Phase II Bid Services	\$15,270	\$0	<b>\$15,270</b>
3.2	Phase II Pre-Construction Engineering Services	\$64,540	\$0	<b>\$64,540</b>
3.3	Phase II – T-Groin Construction Management	\$177,234	\$0	<b>\$177,234</b>
3.4	Phase II – Beach Fill and Dredging Management Services	\$67,646	\$0	<b>\$67,646</b>
3.5	Phase II - Construction Monitoring	\$68,923	\$0	<b>\$68,923</b>
3.6	Future Construction	\$5,563,204	\$0	<b>\$5,563,204</b>
<b>4.0</b>	<b>Monitoring</b>			
4.1	2012 Monitoring	\$32,348	\$10,783	<b>\$43,131</b>
4.2	Future Monitoring	\$259,900	\$86,634	<b>\$346,534</b>
	<b>TOTAL PROJECT COSTS</b>	<b>\$6,314,162</b>	<b>\$119,116</b>	<b>\$6,433,278</b>

- Paragraph 9 in its hereby deleted in its entirety and replaced with the following:

The DEPARTMENT has determined that 100 percent of the PROJECT cost is eligible for state cost sharing. Therefore, the DEPARTMENT's financial obligation shall not exceed the sum of \$6,314,162 for this PROJECT or up to 75 percent of the non-federal project cost, if applicable, for the specific eligible PROJECT items listed above in Task 2.1, 2.2, 4.1 and 4.2, and up to 100 percent of Tasks 3.1, 3.2, 3.3, 3.4, 3.5 and 3.6, whichever is less. To the extent applicable, it is understood and agreed that for portions of the PROJECT which are located within lands owned and managed by the DEPARTMENT's Division of Recreation and Parks, no cost share for construction activities shall be required of the LOCAL SPONSOR, and the PROJECT costs for such portions shall be paid by the DEPARTMENT.

- Paragraph 12 sentence three is hereby deleted in its entirety and replaced with the following:

If at any time the LOCAL SPONSOR fails to maintain the subject beach access sites and public parking, the LOCAL SPONSOR agrees to reimburse the DEPARTMENT all funds provided by the DEPARTMENT associated with any beach access site and/or parking spaces which are no longer available to the public for the preceding 10-year period.

- Paragraph 13 sentence one and four are hereby deleted in its entirety and replaced with the following:

In consideration for the satisfactory completion of the eligible work, identified in Attachment A-1 and approval of the work by the DEPARTMENT, the DEPARTMENT agrees to compensate the LOCAL SPONSOR on a cost reimbursement basis for services rendered.

These forms are to be submitted upon completion of the deliverables identified in the approved Scope of Work.

- Paragraph 14 sentences two and four are hereby deleted in their entirety and replaced with the following:

It is understood and agreed that any request for payment that requires the DEPARTMENT to request additional information of the LOCAL SPONSOR shall stop time for the DEPARTMENT's review period and will reset when such information is received as requested by the DEPARTMENT.

The cumulative amount retained for each eligible task/deliverable item shall be disbursed to the LOCAL SPONSOR after the DEPARTMENT has certified that the LOCAL SPONSOR has complied with all the terms and conditions of the Agreement.

- Paragraph 15 sentence three is hereby deleted in its entirety and replaced with the following:

Progress reports may be required to be submitted electronically in Word.doc or tab delimited .TXT format.

- Paragraph 22 is hereby deleted in its entirety and replaced with the following:

Any notices between the parties shall be considered delivered when posted by Certified Mail, return receipt requested, or overnight courier service, or delivered in person to the contact person at the addresses below.

#### LOCAL SPONSOR

Andy Squires, Environmental Services Manager  
Pinellas County Dept. of Environment and  
Infrastructure  
22211 US 19 , Building 10  
Clearwater, Florida 33756  
(727) 464-4633  
[asquires@pinellascounty.org](mailto:asquires@pinellascounty.org)

#### DEPARTMENT

Dena VanLandingham, Grant Program  
Administrator  
Department of Environmental Protection  
2600 Blair Stone Road, MS 3511  
Tallahassee, Florida 32399  
(850) 922-7711  
[Dena.vanlandingham@dep.state.fl.us](mailto:Dena.vanlandingham@dep.state.fl.us)

Any changes to the contact information shown above or in paragraph 20 must be reduced to writing in the form of a Change Order to this Agreement.

- Paragraph 42 sentence three is hereby deleted in its entirety and replaced with the following:

If the parties agree that the delay or anticipated delay was caused, or will be caused by a force majeure, the DEPARTMENT may, at its discretion, extend the time for performance under this Agreement for a period of time equal to the delay resulting from the force majeure upon execution of an amendment to this Agreement.

Attachment A, Grant Work Plan, and Attachment D, Revised Request for Payment are hereby deleted in their entirety and replaced with Attachment A-1, Revised Grant Work Plan, and, Attachment D-1, Revised Request for Payment attached hereto and made a part of the Agreement. All references in the Agreement to Attachment A, Grant Work Plan, Request for Payment shall hereinafter refer to Attachment A-1, Revised Grant Work Plan and Attachment D-1, Revised Request for Payment.

In all other respects, the Agreement of which this is an Amendment, and attachments relative thereto, shall remain in full force and effect.

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IN WITNESS WHEREOF, the parties have caused these presents to be duly executed, the day and year last written below.

PINELLAS COUNTY BOARD OF COUNTY  
COMMISSIONERS

FLORIDA DEPARTMENT OF  
ENVIRONMENTAL PROTECTION

By: \_\_\_\_\_  
Title: Commission Chair

By: \_\_\_\_\_  
Department of Environmental Protection  
Secretary or designee


Date: \_\_\_\_\_

Date: \_\_\_\_\_

FEID No. 59-6000800

\_\_\_\_\_  
Department of Environmental Protection  
Grant Program Administrator

APPROVED as to form and legality:

  
\_\_\_\_\_  
Local Sponsor's Attorney  
(if necessary)

\_\_\_\_\_  
Department of Environmental Protection  
Attorney

\*If someone other than the Commission Chair signs this Agreement, a resolution, statement or other documentation authorizing that person to sign the Agreement on behalf of the County must accompany the agreement.

List of Attachments/Exhibits included as part of this Agreement:

Specify Type	Letter/ Number	Description (include number of pages)
Attachment	A-1	Revised Grant Work Plan (7 pages)
Attachment	D-1	Revised Request for Payments, Part I - IV (5 pages)

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

**Project Title:** Honeymoon Island Beach Restoration

**Project Location:** R7-R10.5 in Pinellas County, Florida.

**Project Background:** The project consists of 4,120 feet of critically eroded Gulf shoreline on Honeymoon Island, Pinellas County (R7 to R10.5). In 1969, over one million cubic yards of sand and limestone were mined from a nearshore borrow area and placed along the gulf shoreline of Honeymoon Island (R8-R12). In 1970, two concrete-filled bag groins and a terminal structure were constructed on Honeymoon Island. In 1989, beach nourishment was conducted using approximately 230,000 cy of sand from an upland source. An Inlet Management Plan for Hurricane Pass completed in 1993 and feasibility studies completed in 1999 and 2004 recommended beach nourishment and use of erosion control structures to reduce sand losses. Maintenance dredging of the Hurricane Pass navigation channel was conducted in 2000 with the placement of approximately 12,500 cubic yards of beach quality material between R10 and R12.

In 2007, Phase I of the project restored the central segment of the island from R-8 to R-10.5. This project included the dredging of approximately 135,000 from Hurricane Pass, placement of that sand along Honeymoon Island, and construction of a low-profile granite T-groin to replace a concrete bag groin near the south end of the beach fill. Phase I was intended to be limited and monitored to evaluate the use of the T-groin for a later phase. Based on the monitoring of Phase I, the T-groin has performed well in bypassing sand to the downdrift beach, and the Department staff has indicated that structural stabilization will be necessary near this point in order to achieve greater retention of fill placement between R-8 and R-9. Phase II of the project includes additional beach fill (R7-R10) and construction of three additional T-head groins. Approximately 150,000 cubic yards of beach compatible material will be dredged from the ebb shoal at Hurricane Pass.

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 standard technical specifications contained in the DEPARTMENT'S Monitoring Standards for Beach Erosion Control Projects (2004) and Processing Plan and Geographic Information System Guidelines, unless otherwise specified in the approved Scope of Work (herein after referred to as SOW) for an eligible PROJECT item. This plan may be found at <http://www.dep.state.fl.us/beaches/publications/pdf/standard.pdf>. One (1) electronic copy of all written reports developed under this Agreement shall be forwarded to the DEPARTMENT, unless otherwise specified.

**Project Description:**

The deliverables listed below are to be completed and approved by the DEPARTMENT'S DIVISION OF WATER RESOURCE MANAGEMENT (hereafter referred to as the "DIVISION" in this Work Plan) by the due date listed.

**2.0 DESIGN AND PERMITTING**

Professional services required for engineering and design, obtaining environmental permits and other authorizations and the preparation of plans and specifications for beach nourishment. This item specifically excludes permit application fees or any other fees paid to the State of Florida.

**Performance standard:** All deliverables, reports, and monitoring results will be circulated to the DIVISION for review and comment. When comments are received from the DIVISION affirming that the deliverable is acceptable, payment will be authorized.

**Financial Consequence:** Any work product that does not meet the Performance Standard will not be eligible for reimbursement.



## **2.1 Design and Permitting of the Phase II Restoration**

Design and permitting to include engineering analysis, numerical modeling and sediment budget updates, engineering plans, specifications and permit drawings, permitting/ regulatory authorizations through receipt of Agency action.

### Geotechnical Report

Deliverable A: Geotechnical report from samples collected and analyzed at each of the three T-groins.

Total Cost: \$13,070 (DEP cost \$9,802.50)

Due Date: December 31, 2013.

### DEP Requests for Additional Information Response

Deliverable B: Provide the DIVISION with a copy of Final Construction Documents and approvals from the National Marine Fisheries Service (NMFS) and U.S. Fish and Wildlife Service (USFWS) for the Joint Coastal Permit application to be deemed complete and eligible for final processing.

Total Cost \$2,500 (DEP cost \$1,875)

Due Date: December 31, 2013.

### Federal Requests for Additional Information #1 Response

Deliverable C: Document transmission of the Joint Coastal Permit application to the U.S. Army Corps of Engineers (USACE); memorandum summarizing coordination meeting with the USACE.

Total Cost: \$5,140 (DEP cost \$3,855)

Due Date: December 31, 2013.

### Response to USACE Request for Additional Information #2

Deliverable D: Response to USACE Request for Additional Information #2.

Total Cost: \$8,000 (DEP cost \$6,000)

Due Date: December 31, 2013.

### Biological Opinion: Environmental Resource Review - USFWS

Deliverable E: Provide the USFWS with sufficient information for them to conduct their review and amend the existing (2005) Biological Opinion or process a new Biological Opinion.

Total Cost: \$6,000 (DEP cost \$4,500)

Due Date: December 31, 2013.

### Biological Opinion Environmental Resource Review – NMFS

Deliverable F: Provide the NMFS with sufficient information for them to conduct their review and amend the existing Biological Opinion or process a new Biological Opinion. Review draft approval documents, final approval from NMFS and provide the DIVISION with a copy of approvals.

Total Cost \$6,000 (DEP cost \$4,500)

Due Date: December 31, 2013.

### Plans and Specifications

Deliverable G: Final construction plans, technical specifications, updated survey and bid schedule in sufficient detail for the local sponsor to prepare the bid package.

Total Cost \$23,546 (DEP cost \$17,659.50)

Due Date: December 31, 2013.

### Opinion of Probable Costs

Deliverable H: Completed opinion of probable costs provided prior to receipt of bids.

Total Cost: \$10,740 (DEP cost \$8,055)

Due Date: December 31, 2013.

## **2.2 Tropical Storm Debby – Updated Design Work**

Tropical Storm Debby occurred in June 2012. Erosion caused by the storm resulted in the need for additional design and permitting coordination between state and federal agencies. The storm impacts caused the need for design amendments, plan updates and coordination between the DIVISION, the LOCAL SPONSOR, the Florida Park Service, the USACE, NMFS and FEMA.

Deliverable A: Proposed FEMA Worksheet, DEP permit and NTP with updated design, NMFS updated consultation letter supporting project.

Total Cost: \$11,800 (DEP cost \$8,850)

Due Date: December 31, 2013.

## **3.0 Construction**

Work performed and costs associated with the placement of fill material and/or the construction of erosion control structures within the project area. 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 permits issued by the DIVISION.

**Performance Standard:** Work products (Deliverables) must meet acceptance standards of the engineer, building code inspector, Joint Coastal Permit, or a combination of these, as required, to assure all project-related construction is completed to desired specifications.

**Financial Consequence:** Any work product that does not meet the Performance Standard will not be eligible for reimbursement.

## **3.1 Phase II Bid Services**

### Pre-Bid Conference

Attend a pre-bid conference with representatives from the LOCAL SPONSOR and the DIVISION, and the Florida Park Service. Respond to inquiries from potential bidders.

Deliverable A: Provide the LOCAL SPONSOR and the DIVISION with a memorandum documenting completion of the pre-bid conference along with a list of attendees.

Total Cost: \$6,120 (DEP cost \$6,120)

Due Date: December 1, 2014.

### Addenda to Bid Package

Additional information will be provided to all prospective bidders to clarify bid documents requirements during the bid process.

Deliverable B: Addenda to bid documents with responses to requests for information from prospective bidders.

Total Cost: \$7,320 (DEP cost \$7,320)

Due Date: December 31, 2014.

### Qualification of Bidders Summary and Recommendation

Engineers will evaluate bidders' qualifications and contact references. A recommendation for bid award will be provided to the LOCAL SPONSOR.

Deliverable C: Memorandum with formal recommendation the LOCAL SPONSOR and the DIVISION.

Total Cost \$1,830 (DEP cost \$1,830)

Due Date: January 5, 2015.

### **3.2 Phase II Preconstruction Engineering**

Preconstruction Survey (Beach Area and T-Groin Profiles Only) - Complete per Monitoring Plan and DEP Condition #41, 90 days prior to construction. Monument profile (33) T-groin profiles (18)

Conduct a pre-construction survey in accordance with DEP hydrographic monitoring program to allow for updating plan details for Contract Drawings.

Deliverable A: A letter summarizing the results of the survey including a plot of the profiles sent electronically with the data in DEP format provided to the DIVISION.

Total Cost: \$31,833 (DEP cost \$31,833)

Due Date: January 31, 2015.

Updated T-Groin Construction Plans (Contract Drawings)

Update T-groin construction plans to indicate current grades and verification of rock quantities.

Deliverable B: One printed and one electronic copy of updated construction plans provided to the LOCAL SPONSOR and Florida Park Service and one electronic copy to the DIVISION.

Total Cost: \$2,552 (DEP cost \$2,552).

Due Date: February 28, 2015.

Borrow Area and Beach Fill Area Pre-Construction Survey – Construction beach profiles (35) Borrow Area sections (24). Construction Survey for calculation of quantities; borrow area included for quality control of pay quantities. Conduct survey in accordance with the Technical Specification and Monitoring Plan to indicate grades at T-groin locations and sand quantities available in Borrow area as quality control for pay quantities of contractor pay requests. Survey completed at 100-foot sections throughout project.

Deliverable C: An updated letter of the survey results provided from Deliverable A; to include a plot of the Borrow Area with the data in DEP format provided to the DIVISION. Letter and plots are to be submitted electronically.

Total Cost: \$22,906 (DEP cost \$22,906)

Due Date: October 31, 2015

Update Beach Fill Construction Plans - Updated survey of the Borrow Area and Beach Area to indicate grades and quantity of sand available to Borrow Area to include the beach and updated fill sections on 100-foot stations throughout project. Data to provide quantities available in the borrow area and locations. Updates fill distribution on the beach as the basis for contractor pay quantities.

Deliverable D: One printed and one electronic copy of updated construction plans for Borrow Area and beach Fill provided to the LOCAL SPONSOR and the DIVISION.

Total Cost: \$4,637 (DEP cost \$4,637)

Due Date: November 31, 2015.

Mandatory Pre-Construction Conference

Conduct mandatory pre-construction conference with contractor, the LOCAL SPONSOR, the DEPARTMENT, the Florida Park Service and regulatory agency representatives. This includes notice of commencement and request for conference with state and federal agencies.

Deliverable E: Summary memorandum of conference as required by state and federal permit.

Total Cost: \$2,612 (DEP cost \$2,612)

Due Date: February 28, 2015.

### **3.3 Phase II T- Groin Construction Management**

#### T-Groin Construction Management Services

Coordination with Contractor throughout duration of project. This task includes pay quantity reviews from mobilization through completion of the three T-Groins; bi-weekly and at times weekly meetings with the contractor the LOCAL SPONSOR and Florida Park Service. The project engineer will be on site a minimum of once every ten days throughout construction.

Deliverable A: Project summary at the time of substantial completion of the construction of T-Groin #2.

Total Cost: \$21,480 (DEP cost \$21,480)

Due Date: February 28, 2015.

Deliverable B: Project summary at the time of substantial completion of the construction of T-Groin # 3.

Total Cost: \$21,480 (DEP cost \$21,480)

Due Date: June 30, 2015.

Deliverable C: Project summary at the time of substantial completion of the construction of T-Groin #4.

Total Cost: \$21,480 (DEP cost \$21,480)

Due Date: August 31, 2015.

#### State and Federal Environmental Monitoring

Permit required monitoring , quality assurance/quality control (QA/QC) program implementation required by the DIVISION, assessment of federal permit compliance requirements from the U.S. Fish and Wildlife Service and National Marine Fisheries Service, rock quality review along with verification of grades for foundation materials, bedding layer and armor stone, and sheetpile alignment and elevation review along with tolerance assessment for T-Groin construction, and verification of positioning and installation of daymarks

Deliverable D: Acceptance of T-Groin #2 through written notice of substantial completion to the contractor, LOCAL SPONSOR, Florida Park Service and the DIVISION; written summary of QA/QC compliance and environmental turbidity monitoring reports, including a listing of final rock, sheetpile and geotextile materials quantities within tolerances for pay quantity.

Total Cost: \$37,598 (DEP cost \$37,598)

Due Date: February 28, 2015.

Deliverable E: Acceptance of T-Groin #3 through written notice of substantial completion to the contractor, LOCAL SPONSOR, Florida Park Service and the DIVISION; written summary of QA/QC compliance and environmental turbidity monitoring reports, including a listing of final rock, sheetpile and geotextile materials quantities within tolerances for pay quantity.

Total Cost: \$37,598 (DEP cost \$37,598)

Due Date: June 30, 2015.

Deliverable F: Acceptance of T-Groin #4 through written notice of substantial completion to the contractor, LOCAL SPONSOR, Florida Park Service and the DIVISION; written summary of QA/QC compliance and environmental turbidity monitoring reports, including a listing of final rock, sheetpile and geotextile materials quantities within tolerances for pay quantity.

Total Cost: \$37,598 (DEP cost \$37,598)

Due Date: August 31, 2015.

### **3.4 Phase II – Beach Fill and Dredging Management Services**

Construction Management Services (Beach Fill/Dredging): Construction management of project consisting of coordination with Contractor throughout duration of project. This also includes pay quantity reviews from mobilization through completion of the beach fill.

Project construction assumed to last 2 months. Bi-weekly and at times weekly meetings with contractor, LOCAL SPONSOR and Florida Park Service, and Project Engineer are anticipated throughout dredging and beach fill placement. Project Engineer from H&M to be on site a minimum of once every ten days throughout beach fill construction for construction management.

Deliverable A: Project summary by Project Engineer at time of substantial completion of beach fill placement and dune construction.

Total Cost: \$24,264 (DEP cost \$24,264)

Due Date: January 31, 2016

Environmental monitoring, construction observation and QA/QC verification and implementation for state and federal permit compliance, including sediment sampling, coordination analysis, site fill assessment relative to QA/QC for sand quality, verification of grades with tolerance assessment for beach fill and compensated slope adjustments for seaward portion of fill. Fill monitoring to include post fill compaction testing, sufficiency of parking lot removal, and transition of beach fill to dune construction.

Deliverable B: Acceptance of beach fill through written notice of substantial completion to the contractor, the LOCAL SPONSOR and the DIVISION, written summary of QA/QC compliance, dredging positioning and depth monitoring, and environmental turbidity monitoring reports, including a summary of beach fill placed within tolerances for pay quantity.

Total Cost: \$43,382 (DEP cost \$43,382.)

Due Date January 31, 2016.

### **3.5 Phase II Construction Phase Monitoring**

Immediate post-construction survey and report #1 (Borrow Area, T-groins and Beach): Conduct a post construction survey and prepare a report in accordance with DEP hydrographic monitoring program. Post construction report to include summary of turbidity and environmental monitoring through construction, QA/QC assurance conditions, results of sediment sampling and analysis. An update on the state and federal permit conditions will be included.

Deliverable A: Monitoring report and data in digital format to the Division and Pinellas County.

Total Cost: \$68,923 (DEP cost \$68,923)

Due Date: March 31, 2016.

### **3.6 Future Construction**

Future construction allocation. Pending scopes of work included under this task must be approved by DIVISION staff.

Total Cost: \$5,563,204 (DEP cost \$5,563,204)

Due Date: March 31, 2016.

### **4.0 Monitoring**

A monitoring program conducted in accordance with the requirements specified in any and all permits issued by the DIVISION and the US Army Corps of Engineers. A monitoring plan must be submitted and approved in writing by the DIVISION prior to the initiation of monitoring activities. The plan shall be developed in a manner that will coordinate the monitoring activities with the DIVISION'S Regional Coastal Monitoring Program.

**Performance standard:** All deliverables, reports, and monitoring results will be circulated to the DIVISION for review and comment. When comments are received from the DIVISION affirming that the deliverable is

acceptable, payment will be authorized.

**Financial Consequence:** Any work product that does not meet the Performance Standard will not be eligible for reimbursement.

#### **4.1 2012 Monitoring**

##### 2012 Survey Data

Deliverable A: CD or DVD containing the 2012 beach and nearshore profile survey data in DEP format.

Total Cost: \$19,695 (DEP cost \$14,771).

Due Date: November 30, 2012. Task is 100% complete.

##### 2012 Monitoring Report

Deliverable B: Two hard copies and one electronic copy (DVD or CD) of the 2012 Monitoring Report.

Total Cost: \$22,940 (DEP cost \$17,205).

Due Date: February 28, 2013. Task is 100% complete.

##### 2012 Aerial

Deliverable C: Digital copy of the rectified 2012 aerial.

Total Cost: \$496 (DEP cost \$372).

Due Date: February 28, 2013. Task is 100% complete.

#### **4.2 Future Monitoring**

Future monitoring allocation. Pending scopes of work included under this task must be approved by DIVISION staff.

Total Cost: \$346,534 (DEP cost \$259,900)

Due Date: July 31, 2016.

**NOTE: The deliverable due dates established in this Grant Work Plan indicate the time by which a deliverable is received and approved for cost sharing. 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.**

**ATTACHMENT D-1**

**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BEACH MANAGEMENT FUNDING ASSISTANCE PROGRAM  
REQUEST FOR PAYMENT – PART I**

**PAYMENT SUMMARY**

Name of Project: HONEYMOON ISLAND BEACH RESTORATION PROJECT

LOCAL SPONSOR: PINELLAS COUNTY

DEP Agreement Number: 13PI1

Billing Number: \_\_\_\_\_

Billing Type: ☐ Interim Billing ☐ Final Billing

**Costs Incurred This Payment Request:**

Federal Share*	State Share	Local Share	Total
\$ _____ *if applicable	\$ _____	\$ _____	\$ _____
<b>Cost Summary:</b>			
State Funds Obligated	\$ _____	Local Funds Obligated	\$ _____
Less Advance Pay	\$ _____	Less Advance Pay	\$ _____
Less Previous Payment	\$ _____	Less Previous Credits	\$ _____
Less Previous Retained	\$ _____		
Less This Payment	\$ _____	Less This Credit	\$ _____
Less This Retainage (10%)	\$ _____	Local Funds Remaining	\$ _____
State Funds Remaining	\$ _____		

## REIMBURSEMENT DETAIL

DEP Agreement No. 13PI1, Amendment No. 1, Attachment D-1, Page 2 of 5



**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BEACH MANAGEMENT FUNDING ASSISTANCE PROGRAM**

**REQUEST FOR PAYMENT – PART III**

**PROJECT PROGRESS REPORT**

Name of Project: HONEYMOON ISLAND BEACH RESTORATION PROJECT

LOCAL SPONSOR: PINELLAS COUNTY

DEP Agreement Number: 13PI1

Report Period: \_\_\_\_\_

Status of Eligible Project Items: (Describe progress accomplished during report period, including statement(s) regarding percent of task completed to date. Describe any implementation problems encountered, if applicable.)

Task	Eligible Project
No:	Item:

2.0 DESIGN AND PERMITTING CONSTRUCTION

2.1 Phase II Design and Permitting

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3.0 CONSTRUCTION

3.1 Bid Services

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3.2 Phase II - Construction –Engineering Services

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### 3.3 Phase II – T-Groin Construction Management

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### 3.4 Phase II – Beach Fill and Dredge Construction Management

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### 3.5 Phase II – Construction Monitoring

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### 3.6 Future Construction

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## 4.0 MONITORING

### 4.1 2012 Monitoring

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### 4.2 Future Monitoring

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**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BEACH MANAGEMENT FUNDING ASSISTANCE PROGRAM  
CERTIFICATION OF DISBURSEMENT REQUEST  
REQUEST FOR PAYMENT – PART IV**

Name of Project: HONEYMOON ISLAND BEACH RESTORATION PROJECT

LOCAL SPONSOR: PINELLAS COUNTY

DEP Agreement Number: 13PI1

Billing Number: \_\_\_\_\_

Certification: I certify that this billing is correct and is based upon actual obligations of record by the LOCAL SPONSOR; that payment from the State Government has not been received; that the work and/or services are in accordance with the Department of Environmental Protection, Beach Management Funding Assistance Program's approved Project Agreement including any amendments thereto; and that progress of the work and/or services are satisfactory and are consistent with the amount billed. The disbursement amount requested on Page 1 of this form is for allowable costs for the project described in the grant work plan.

I certify that the purchases noted were used in accomplishing the project; and that invoices, check vouchers, copies of checks, and other purchasing documentation are maintained as required to support the cost reported above and are available for audit upon request.

\_\_\_\_\_  
Name of Project Administrator

\_\_\_\_\_  
Signature of Project Administrator

\_\_\_\_\_  
Date

\_\_\_\_\_  
Name of Project Financial Officer

\_\_\_\_\_  
Signature of Project Financial Officer

\_\_\_\_\_  
Date

# PINELLAS COUNTY CAPITAL IMPROVEMENT PROJECT (CIP) PROJECT FINANCIAL OVERVIEW

1. Construction Phase: ☒      2. Date:   
3. FDEP Agreement: ☒

<b>4. Title:</b> Honeymoon Island Improvements (PID 000150A)		
<b>5. Anticipated Scope and Description:</b> Nourishment of beach and construction of a sand retention structure to improve conditions for recreation in state park area.		
<b>6. YEAR OF CONSTRUCTION START:</b> FY 13		
<b>7. PROJECT BUDGET:</b>	<b>FY 14 Appropriation</b>	<b>Multi-Year Plan</b>
Professional Services (Architectural/Engineering/Consulting)	\$ 200,000	\$ 476,040
Land/Right of Way/Building Acquisitions		
Construction:	5,800,000	7,300,000
Testing	125,000	885,000
Inter-local	60,000	474,040
<b>TOTAL PROJECT BUDGET</b>	\$ (1) 6,185,000	\$ (2) 9,135,080
<b>8. FINANCIAL RESOURCES:</b>		
Penny for Pinellas Sales Tax:		
Tourist Development Tax		\$ 620,550
Transportation Impact Fees:		
Grant(s): State-FDEP		8,514,530
Reimbursements:		
Enterprise Revenue (Water, Sewer, Solid Waste, Airport):		
Other:		
<b>TOTAL FINANCIAL RESOURCES</b>		\$ (2) 9,135,080
<b>9. Project's First Full Year Estimated Operating Budget Fiscal Impact: <sup>(3)</sup></b>		
Fiscal Year:	FY xx	
New Positions:	NONE	
Number:	N.A.	
Type:	N.A.	
<b>Total Est. Fiscal Impact (Personal Services, Operating Expenses)</b>	<b>\$ 0</b>	

(1) Amount represents current FY 14 appropriation.

(2) Amount represents expenditures from prior years, current Multi - Year Plan's project estimate and anticipated resources.

(3) Does not apply to current phase.

Prepared By The Office of Management & Budget, January 14, 2014.