



**II. FISCAL IMPACT ANALYSIS**

**A. Five Year Summary of Fiscal Impact:**

Fiscal Years	2017	2018	2019	2020	2021
Capital Expenditures	_____	_____	_____	_____	_____
Operating Costs	_____	_____	_____	_____	_____
External Revenues	_____	_____	_____	_____	_____
Program Income (County)	_____	_____	_____	_____	_____
In-Kind Match (County)	_____	_____	_____	_____	_____
<b>NET FISCAL IMPACT</b>	_____	_____	_____	_____	_____
<b># ADDITIONAL FTE POSITIONS (Cumulative)</b>	_____	_____	_____	_____	_____
Is Item Included in Current Budget?	Yes _____		No _____		
Budget Account No.:	Fund _____	Department _____	Unit _____	Object _____	
	Program _____				

**B. Recommended Sources of Funds/Summary of Fiscal Impact:**

There is no fiscal impact associated with this item.

**C. Department Fiscal Review:** *S. Neary*

**III. REVIEW COMMENTS**

**A. OFMB Fiscal and /or Contract Dev. and Control Comments:**

*John A. [Signature] 7/25/17*  
 OFMB ET 7/21/17 *JP* *7/25/17* *John 7/25* \_\_\_\_\_  
 Contract Development and Control

**B. Legal Sufficiency:**

*Anne [Signature] 8/9/17*  
 Assistant County Attorney

**C. Other Department Review:**

\_\_\_\_\_  
 Department Director

**CHANGE ORDER NO. 3  
DEP AGREEMENT NO. 06PB2  
SINGER ISLAND SHORE PROTECTION PROJECT**

LOCAL SPONSOR

Palm Beach County  
2300 North Jog Road, 4<sup>th</sup> Floor  
West Palm Beach, Florida 33411-2743

THIS AGREEMENT, entered into on the 9<sup>th</sup> day of January, 2007, amended on the 13<sup>th</sup> day of May, 2008, amended on the 2<sup>nd</sup> day of December, 2008, amended on the 15<sup>th</sup> day of December, 2009, amended on the 23<sup>th</sup> day of May, 2012, revised by change order on the 27<sup>th</sup> day of August, 2013, amended on the 28<sup>th</sup> day of March, 2014, and revised by change order on the 11<sup>th</sup> day of April, 2016, is hereby revised as follows:

WHEREAS the LOCAL SPONSOR has requested updates to the Grant Work Plan 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 A4, Grant Work Plan is hereby deleted in its entirety and replaced with Attachment A-5, Revised Grant Work Plan, attached hereto and made a part of the Agreement. All references in the Agreement to Attachment A-4 shall hereinafter refer to Attachment A-5, Revised Grant Work Plan.

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

REMAINDER OF PAGE LEFT BLANK INTENTIONALLY

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

PALM BEACH COUNTY BOARD  
OF COUNTY COMMISSIONERS

FLORIDA DEPARTMENT OF  
ENVIRONMENTAL PROTECTION

By: [Signature]  
Title: Director, Environmental Resources Management

By: [Signature]  
Department of Environmental Protection  
Secretary or designee

Date: 5/24/17

Date: 5/26/17

FEID No. 59-6000785

\*If someone other than the Director signs this Agreement, a resolution, statement or other documentation authorizing that person to sign the Agreement on behalf of the County/City 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-5	Revised Grant Work Plan (4 pages)

APPROVED AS TO FORM AND  
LEGAL SUFFICIENCY

Anne Delgant  
COUNTY ATTORNEY

**ATTACHMENT A-5  
REVISED GRANT WORK PLAN**

**Project Title:** Singer Island Shore Protection Project.

**Project Location:** Palm Beach County, R-60.9 to R-69.

**Project Background:** The PROJECT consists of the design, permitting, construction, and monitoring associated with the dune restoration of 1.8 miles of shoreline on Singer Island. A structural solution using breakwaters to dissipate wave energy has not received regulatory approval. Periodic dune restoration and nourishments are continuing in order to reduce the impact from storms until a suitable long-term erosion control solution is found.

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 technical specifications contained in the DEPARTMENT'S Monitoring Standards for Beach Erosion Control Projects (2014) 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/PhysicalMonitoringStandards.pdf>. One (1) electronic copy of all written reports developed under this Agreement shall be forwarded to the DEPARTMENT, unless otherwise specified.

The DEPARTMENT and the LOCAL SPONSOR agree that the estimated costs of the PROJECT are identified in Table 1 below:

TABLE 1  
Estimated Eligible Project Cost

Task #	Eligible Project Tasks	Project Costs			
		Federal (Estimated)	DEP	Local	Total
<b>2.0</b>	<b>Design and Permitting</b>				
2.1	Original		\$547,280	\$822,803	\$1,370,083
<b>3.0</b>	<b>Construction</b>				
3.1	Construction of Structures		\$19,321	\$29,048	\$48,369
3.2	Dune Construction		\$1,732,986	\$2,605,445	\$4,338,431
<b>4.0</b>	<b>Monitoring</b>				
4.1	Physical Monitoring		\$7,269	\$10,930	\$18,199
	<b>TOTAL PROJECT COSTS</b>		<b>\$2,306,856</b>	<b>\$3,468,226</b>	<b>\$5,775,082</b>

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

**Project Description:**

**The deliverables listed below are to be completed by the LOCAL SPONSOR and approved by the DEPARTMENT by the due date listed.**

**TASK 2.0 Design and Permitting**

**Task Description:** The LOCAL SPONSOR will acquire the 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 DEPARTMENT for review and comment. When the LOCAL SPONSOR receives comments from the DEPARTMENT Project Manager verifying that each deliverable meets the specifications in the Grant Work Plan and this task description and affirming that the deliverable is acceptable, payment will be authorized for that deliverable.

**2.1 Original**

**Deliverable A:** Final design documents, engineering drawings, engineering reports, meeting summaries and pre-construction monitoring surveys submitted as a part of the original breakwater analysis in previous submittals to DEPARTMENT. Costs shown are for services rendered.

**Total Cost:** \$1,296,562 (**DEPARTMENT Cost:** \$517,912).

**Due Date:** October 31, 2012. Task is 100% Complete.

**Deliverable B:** Final design document for low profile groin evaluation from Humiston and Moore. Final report for the 2011 marine turtle nesting surveys prepared by Taylor Engineering. Final report for the 2011 physical monitoring surveys prepared by Applied Technology and Management. Final data deliverables for the 2011 aerial photography prepared by Woolpert, Inc.

**Total Cost:** \$73,521 (**DEPARTMENT Cost:** \$29,368).

**Due Date:** October 31, 2012. Task is 100% Complete.

**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 permits issued by the DEPARTMENT. The Grantee 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; for the period the activity was performed; and

(2) A certification signed by the Grantee's Project Manager as to the current cost of the PROJECT; that the materials, labor, or services represented by the invoice have been satisfactorily purchased or performed and applied to the PROJECT; that all funds expended to date have been applied toward completing the PROJECT; and

(3) A certification signed and sealed by the Engineer 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 which have altered the PROJECT's performance standards, scope, or purpose since the issuance of the DEPARTMENT construction permit.

**Performance Standard:** The DEPARTMENT's Project Manager will review the construction activity package to verify that work is being performed in accordance with the construction contract documents and specifications in this task description

### 3.1 Construction of Structures

**Deliverable A:** Engineering report documenting range of services required for the construction of breakwaters including construction bid, sand surveys, construction observation, environmental monitoring, and physical monitoring.

**Total Cost:** \$48,369 (**DEPARTMENT Cost:** \$19,321).

**Due Date:** December 31, 2012. Task is 100% Complete.

### 3.2 Dune Construction

**Deliverable A:** Notice of Completion (2013 construction): As-Built Certification by a registered engineer for delivery and placement of sand for the purpose of a single dune construction event to be completed by 2013. Supplemental work under this subtask required for associated construction-phase environmental services will require an amendment to this contract.

**Total Cost:** \$1,663,257 (**DEPARTMENT Cost:** \$664,388).

**Due Date:** January 1, 2014. Task is 100% Complete.

**Deliverable B:** Notice of Completion (2015 construction): As-Built Certification by a registered engineer for delivery and placement of sand for the purpose of a single dune construction event to be completed by 2015. Supplemental work under this subtask required for associated construction-phase environmental services will require an amendment to this contract.

**Total Cost:** \$667,639 (**DEPARTMENT Cost:** \$266,688).

**Due Date:** December 1, 2015. Task is 100% Complete.

**Deliverable C:** Notice of Completion (2016 construction): As-Built Certification by a registered engineer for delivery and placement of sand for the purpose of a single dune construction event to be completed by 2016. Supplemental work under this subtask required for associated construction-phase environmental services will require an amendment to this contract.

**Total Cost:** \$380,000 (**DEPARTMENT Cost:** \$151,791).

**Due Date:** June 1, 2017.

**Deliverable D:** Notice of Completion (2017 construction): Certification of completion for the 2017 dune nourishment event including sand placement volumes and certification of completion of the dune vegetation work including the types of plants, quantities, locations and dates of placement.

**Total Cost:** \$1,627,535 (**DEPARTMENT Cost:** \$650,119).

**Due Date:** June 1, 2017.

#### **TASK 4.0 Monitoring**

**Task Description:** This task includes a monitoring program conducted in accordance with the requirements specified in any and all permits issued by the DEPARTMENT and the US Army Corps of Engineers (USACE). A monitoring plan must be submitted and approved in writing by the DEPARTMENT prior to the initiation of monitoring activities. The plan shall be developed in a manner which will coordinate the monitoring activities associated with current shoreline stabilization projects located within or adjacent to the PROJECT area and with the DEPARTMENT's Regional Coastal Monitoring Program.

**Performance Standard:** All deliverables, reports, and monitoring results will be circulated to the DEPARTMENT for review and comment. When the LOCAL SPONSOR receives comments from the DEPARTMENT Project Manager verifying that each deliverable meets the specifications in the Grant Work Plan and this task description and affirming that the deliverable is acceptable, payment will be authorized for that deliverable.

#### **4.1 Physical Monitoring**

**Deliverable A:** Final monitoring reports and associated documents required as a part of the original breakwater analysis. Costs shown are for services rendered.

**Total Cost:** \$18,199 (**DEPARTMENT Cost:** \$7,269).

**Due Date:** October 31, 2012. Task is 100% Complete.

**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 2



**INTEROFFICE MEMORANDUM**  
**Palm Beach County**  
**Environmental Resources Management**

- ENV. RES. MGMT.
- Env. Enh. & Restoration
- Natural Resources Stewardship
- Resources Protection
- Mosquito Control
- Finance & Support Services
- Director
- Deputy Director
- Other

*R. Robbins*

**DATE:** January 16, 2007

**TO:** Robert Weisman  
County Administrator

**FROM:** Richard E. Walesky, Director *REW*  
Environmental Resources Management

**SUBJECT:** REQUEST FOR DELEGATION OF APPROVAL AUTHORITY

On January 9, 2007, the County Commission approved Grant Agreement No. 06PB2 with the Florida Department of Environmental Protection (FDEP) for cost-sharing on the Singer Island Shore Protection Project. A copy of the agenda item summary is attached for your reference. Included with the Board's approval was authorization for you, or your designee, to sign all future time extensions, task assignments, certifications and other forms associated with this Agreement, and necessary minor amendments that do not change the scope of work or terms and conditions of the Agreement.

This memorandum is my formal request for designation of me or Deputy Director Robert Robbins to sign such documents mentioned above which may be required to continue timely and efficient management of this Agreement. If you agree, please sign below and return this memorandum. I am available to answer any questions you may have concerning this request. Thank you in advance for your consideration.

APPROVED: *Robert Weisman* DATE: 1/17/07  
Robert Weisman, County Administrator

REW:si