

DEP CONTRACT No. DC839
STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

AMENDMENT 6

THIS AGREEMENT was entered into on the 5th day of August 2008, and amended by Amendment 1 on the 3rd day of February 2009, Amendment 2 on the 29th day of October 2009, Amendment 3 on the 8th day of August 2011, Amendment 4 on the 11th day of October 2012, and Amendment 5 on the 29th day of July 2013, by and between the Florida Department of Environmental Protection with headquarters at 3900 Commonwealth Boulevard, Tallahassee, Florida 32399-3000, a state agency ("Department"), the Pinellas County Board of County Commissioners, 315 Court Street, Clearwater, Florida 33756, a Florida local governmental entity ("County") and Humiston & Moore Engineers, P.A., with headquarters at 5679 Strand Court, Naples, Florida 34110, a Florida corporation ("Consultant").

RECITALS

WHEREAS, the Consultant was selected to provide Professional Services ("Coastal Engineering") according to the Consultants Competitive Negotiations Act, Chapter §287.055 Florida Statutes, for the Honeymoon Island Beach Restoration Project ("Project"). The Request for Statement of Qualifications No. RFSOQBDC 02 06/07 and the Consultant's response are included herein by reference. This Agreement is intended to be amended as the work progresses.

NOW, THEREFORE, this Agreement is hereby amended as follows:

1. The Contract Scope of Work shall be amended to include Attachment A-6, a Statement of Work for Phase II of the Project, which details the tasks necessary to fulfill the Phase II construction administration and monitoring requirements.
2. The total contract price shall be increased by \$724,877.00 from \$763,330.00 to \$1,488,207.00. The County shall provide \$724,877.00 for this increase.
4. It is understood by the Department, County, and Consultant that in each and every respect the terms of this Agreement, except as amended hereby, shall remain unchanged and in full force and effect, and the same are hereby ratified, approved and confirmed, by the Department, County and Consultant as of the date of this Amendment.
5. It is understood and agreed by the Department, County and Consultant that this Amendment is binding upon the Department, County and Consultant, and their successors and assigns.

Attachments to this Amendment.

Attachment A-6, Pages 1-11: Statement of Work

The parties have caused this Amendment to be duly executed the day and year last written below.

FOR THE CONSULTANT

[Handwritten Signature]

Authorized Person

Brett D. Moore, P.E.

Print Name

President

Title

1-7-2014

Date

65-0262357

FEID Number

FOR THE DEPARTMENT

[Handwritten Signature]

Signature
Division of Recreation and Parks
Department of Environmental Protection

Scott O. Robinson

Print Name

Assistant Director

Title

2-13-2014

Date

APPROVED AS TO FORM AND LEGALITY

[Handwritten Signature]

Department Attorney

FOR THE COUNTY

Karen W. Seel

Pinellas County Board of County
Commissioners
County Commission Chair

1/28/14

Date

ATTEST

[Handwritten Signature]

County Clerk

APPROVED AS TO FORM AND LEGALITY

[Handwritten Signature]

County Attorney

Honeymoon Island Beach Restoration Project Phase II

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

The Consultant: Is hereby designated as, and shall perform the services of, DESIGN PROFESSIONAL, as described in the County Construction Contract for Phase II of the Project and these services shall be incorporated herein by reference. The Consultant shall perform the DESIGN PROFESSIONAL services as part of, and within the scope of, the construction deliverables described in Department Agreement 13PI1, and in this Agreement. The terms of this Agreement shall be operative and shall control the respective parties' obligations when the Consultant is acting in the capacity of DESIGN PROFESSIONAL under the County Construction Contract.

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-R1 2). 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 R-10 and R-12.

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 Division of Water Resource Management ("Division") staff 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.

Project Description:

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 and 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 Division'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. These plans may be found at <http://depnet/gis/geodata/index.htm> (GIS guides) and <http://www.dep.state.fl.us/beaches/publications/pdf/standard.pdf> One(1) original and one (1) electronic copy of all written reports developed under this Agreement shall be forwarded to the Division, unless otherwise specified.

The deliverables listed below are to be completed by the Consultant and approved by the County by the due date listed. Division approved project services, as defined by Department Agreement 13PI1, shall be reimbursed to the County by the Division, and shall be referred to as "reimbursement".

All assigned work under this Contract shall be subject to Financial Consequences.

Financial Consequences: No payment will be made for unsatisfactory deliverables. In the event that a deliverable is deemed unsatisfactory; the Consultant shall re-perform the services needed for submittal of a satisfactory deliverable, at no additional cost to the County or Department within 15 consecutive days. If a satisfactory deliverable is not submitted within the specified timeframe, the Department and/or County, at its sole discretion, may terminate the Contract for failure to perform.

2.0 DESIGN AND PERMITTING

Includes 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 submitted to the County and Division for review and comment. When comments are received affirming that the deliverable is acceptable, payment will be authorized.

2.1 Design and Permitting of the Phase II Restoration

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

Geotechnical Report

Deliverable A: Geotechnical report from samples collected/analyzed at each T groin, (3)
Total Cost: \$13,070 (reimbursement \$9,802.50)
Due Date: December 31, 2013; task is 100% complete

Division Requests for Additional Information Response

Deliverable B: Provide 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 (“JCP”) application to be deemed complete and eligible for final processing.
Total Cost: \$2,500 (reimbursement \$1,875).
Due Date: December 31, 2013; task is 100% complete

Federal Requests for Additional Information #1 Response

Deliverable C: Document transmission of the JCP application to the U.S. Army Corps of Engineers (“USACE”); memorandum summarizing coordination meeting with the USACE.
Total Cost: \$5,140 (reimbursement \$3,855).
Due Date: December 31, 2013; task is 100% complete

Response to USACE Request for Additional Information #2

Deliverable D: Response to USACE Request for Additional Information #2.
Total Cost: \$8,000 (reimbursement \$6,000).
Due Date: December 31 2013; task is 100% complete

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.

Attachment A-6
Statement of Work

Total Cost: \$6,000 (reimbursement \$4,500).
Due Date: December 31, 2013; task is 100% complete

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 a copy of approvals.

Total Cost \$6,000 (reimbursement \$4,500)
Due Date: December 31, 2013; task is 100% complete

Plans and Specifications

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

Total Cost: \$23,546 (reimbursement \$17,659.50).
Due Date: December 31, 2013; task is 100% complete

Opinion of Probable Costs

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

Total Cost: \$10,740 (reimbursement \$8,055)
Due Date: December 31, 2013; task is 100% complete

2.2 Tropical Storm Debby – Updated Design Work; previously approved funds

Tropical Storm Debby occurred in June 2012, and 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 County, Division, the Florida Division of Recreation and Parks (“Division”), the USACE, NMFS and FEMA.

Deliverable A: Proposed FEMA Worksheet, Department permit and NTP with updated design, NMFS updated consultation letter supporting the Project.

Total Cost: \$11,800 (reimbursement \$8,850).
Due Date: December 31, 2013

3.0 CONSTRUCTION

Shall include the 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 County, Department and Federal agencies.

Performance Standard: The Deliverables must meet acceptance standards of the County, building code inspector, Joint Coastal Permit, or a combination of these to assure all Project-related construction is completed to desired specifications.

3.1 Phase II Bid Services - Updated allocation of previously approved funds

Pre-Bid Conference

Attend a pre-bid conference with representatives from the County, Division and the Division of Recreation and Parks (DRP). Respond to inquiries from potential bidders.

Attachment A-6
Statement of Work

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

Total Cost: \$6,120 (\$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 (reimbursement \$7,320).

Due Date: December 31, 2014

Qualification of Bidders Summary and Recommendation - Evaluate bidders' qualifications and contact references.

The Consultant will evaluate bidders' qualifications and contact references. A recommendation for bid award will be provided to the County.

Deliverable C: Memorandum with formal recommendation for the County and Division.

Total Cost: \$1,830 (reimbursement \$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 Division Condition #41, 90 days prior to construction. Monument profile (33) T-groin profiles (18). Conduct a pre-construction survey in accordance with the permit 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 Department format provided to the County and the Division.

Total Cost: \$31,833 (reimbursement \$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 County and DRP, with one electronic copy to the Division.

Total Cost: \$2,552 (reimbursement \$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 the Project.

Attachment A-6
Statement of Work

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 Department format provided to the Division. Letter and plots are to be submitted electronically.

Total Cost: \$22,906 (reimbursement \$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 the 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 County and Division.

Total Cost: \$4,637 (reimbursement \$4,637)

Due Date: November 31, 2015

Mandatory Pre-Construction Conference:

Conduct mandatory pre-construction conference with the Contractor, County, Division and DRP 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 permits. Total Cost: \$2,612 (reimbursement \$2,612)

Due Date: February 28, 2015

3.3 Phase II T- Groin Construction Management

T-Groin Construction Management Services:

The Consultant will coordinate with the Contractor throughout the duration of the Project, including pay quantity reviews from mobilization through completion of the three T-Groins; bi-weekly and at times weekly meetings with the Contractor, County and DRP staff. The Consultant will be on site a minimum of once every ten days throughout construction. All QA/QC monitoring activity shall be conducted in accordance with section D of the QA/QC plan.

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

Total Cost: \$21,480 (reimbursement \$21,480)

Due Date: February 28, 2015

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

Total Cost: \$21,480 (reimbursement \$21,480)

Due Date: June 30, 2015

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

Total Cost: \$21,480 (reimbursement \$21,480)

Due Date: August 31, 2015

Attachment A-6
Statement of Work

State and Federal Environmental Monitoring:

Shall consist of permit required monitoring, quality assurance/quality control (QA/QC) program implementation required by the Division, assessment of federal permit compliance

requirements from the USFW and NMFS, 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, County, Division and DRP, written summary of QA/QC compliance and environmental turbidity monitoring reports, including a listing of final rock, sheetpile and geotextile material quantities within tolerances for pay quantity.

Total Cost: \$37,598 (reimbursement \$37,598)

Due Date: February 28, 2015.

Deliverable E: Acceptance of T-Groin #3 through written notice of substantial completion to the Contractor, County, Division and DRP, written summary of QA/QC compliance and environmental turbidity monitoring reports, including a listing of final rock, sheetpile and geotextile material quantities within tolerances for pay quantity.

Total Cost: \$37,598 (reimbursement \$37,598)

Due Date: June 30, 2015.

Deliverable F: Acceptance of T-Groin #4 through written notice of substantial completion to the Contractor, County, Division and DRP, written summary of QA/QC compliance and environmental turbidity monitoring reports, including a listing of final rock, sheetpile and geotextile material quantities within tolerances for pay quantity.

Total Cost: \$37,598 (reimbursement \$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 the Project consisting of coordination with the Contractor throughout the duration of the 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 the Consultant, Contractor, County and DRP staff, are anticipated throughout dredging and beach fill placement. The Consultant shall be on site a minimum of once every ten days throughout beach fill construction for construction management. All QA/QC monitoring activity shall be conducted in accordance with section D of the QA/QC plan.

Deliverable A: A Project Summary by the Consultant at time of substantial completion of beach fill placement and dune construction.

Total Cost: \$24,264 (reimbursement \$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.

Attachment A-6
Statement of Work

Deliverable B: Acceptance of beach fill through written notice of substantial completion to the Contractor, County and 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 (reimbursement \$43,382.)

Due Date: January 31, 2016

3.5 Post-Construction Monitoring

Post-Construction Survey and Report #1, Post-construction as required in the Physical Monitoring Plan and Division Condition #41.

Conduct a post construction survey and report in accordance with the Division's hydrographic monitoring program. Report to include comparison of pre and post construction conditions. 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 County and Division.

Total Cost: \$68,923 (reimbursement \$68,923)

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 Department and the USACE. 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 County and Division for review and comment. When comments are received from the County and Division affirming that the deliverable is acceptable, payment will be authorized.

4.1 2012 Monitoring

2012 Survey Data

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

Total Cost: \$19,695 (reimbursement \$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 (reimbursement \$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 (reimbursement \$372)

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

Attachment A-6
Statement of Work

4.2 Future Monitoring Allocation.

Pending scopes of work included under this task must be approved by Division staff.

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

Due Date: July 31, 2016

Honeymoon Island Phase II Task Costs

Contract Increase: \$724,877

NOTE: Sub-Task costs in **black bold** and shaded indicate increases for Amendment 6.

Sub-Tasks in *italics* are authorized work assignments paid from previously approved redistributed funds.

Sub-Tasks 2.1, 2.2 & 4.1 are complete and their cost is approved for reimbursement.

Sub-Task 3.1 is new work to be paid from previously approved redistributed funds.

TASK	Honeymoon Island Phase II	DEP	County	Total
2.0	Design and Permitting			
2.1	<i>Phase II Design and Permitting</i>	\$56,247.00	\$18,749.00	\$74,996.00
2.2	<i>Tropical Storm Debby</i>	\$8,850.00	\$2,950.00	\$11,800.00
			<i>2.0 Total</i>	<i>\$86,796.00</i>
3.0	Construction Services			
3.1	<i>Phase II Bid Services</i>	\$15,270.00	\$0.00	\$15,270.00
3.2	Phase II Pre-Construction Engineering Services	\$64,540.00	\$0.00	\$64,540.00
3.3	Phase II T-Groin Construction Management	\$177,234.00	\$0.00	\$177,234.00
3.4	Phase II Beach Fill and Dredging Management Services	\$67,646.00	\$0.00	\$67,646.00
3.5	Post-Construction Monitoring	\$68,923.00	\$0.00	\$68,923.00
			3.0 Total for Humiston & Moore DC839 Amend #06	\$378,343.00
4.0	Monitoring			
4.1	<i>2012 Monitoring</i>	\$32,348.00	\$10,783.00	\$43,131.00
4.2	Future Monitoring	\$259,900.00	\$86,634.00	\$346,534.00
			4.0 Total for Humiston & Moore DC839 Amend #06	\$346,534.00
			TOTAL Contract Increase: For Humiston & Moore DC839 Amend #06	\$724,877.00

Attachment A-6
Statement of Work

Honeymoon Island State Park Phase II Cost Schedule, Tasks 2 & 3

Task ID	Sub Task ID	Task Description and Breakdown	Principal Engineer	Senior Engineer	Engineer III	Engineer II	Engineer I	Eng/Mdl Tech 2	Eng/Mdl Tech 1	AutoCAD II	AutoCAD II	Admlt. Assistant	Monthly Observation LS T-Groins	Monthly Observation LS Beach	Total Labor Costs	Reimbursable Expenses	Sub Consultants	Sub Total Task Budget	Previous Budget	Newly Allocated Funds Previously Approved	Total	
2.0 DESIGN AND PERMITTING																						
Phase II Design and Permitting; completed work; previously approved funds																						
2.1		Tropical Storm Debby - Updated Design Work; previously approved funds	16	2	30	12	32			40		3			\$ 11,797.22	\$ 3.00		\$ 11,800.22		\$ 11,800.00		
3.0 CONSTRUCTION SERVICES																						
Phase II Bid Services																						
A		Pre-Bid Conference on Site													\$ 5,320.00	\$ 800.00		\$ 6,120.00	\$ 6,120.00			
B		Addenda to Bid Package													\$ 7,270.00	\$ 50.00		\$ 7,320.00	\$ 7,320.00			
C		Qualifications of Bidders Summary and Recommendation - Evaluate bidders' qualification and contact references													\$ 1,780.00	\$ 50.00		\$ 1,830.00	\$ 1,830.00			
3.2 PHASE II PRECONSTRUCTION ENGINEERING																						
A		Pre-Construction Survey (Beach area and T-Groin Profiles Only)	3		11			4	0	4					\$ 2,257.55	\$ 548.55	\$ 29,047.10	\$ 31,853.00		\$ 31,853.00		
B		Updated T-Groin Construction Plans (Contract Drawings)	3		8			8		4					\$ 2,275.72	\$ 276.28		\$ 2,552.00		\$ 2,552.00		
C		Borrow Area and Beach Fill Area Pre-Construction Survey	2	1	8				8	4					\$ 2,206.21	\$ 483.23	\$ 20,216.56	\$ 22,906.00		\$ 22,906.00		
D		Update Beach Fill Construction Plans	4		16				8	23					\$ 4,568.23	\$ 68.77		\$ 4,637.00		\$ 4,637.00		
E		Mandatory Pre-Construction Conference	8						15						\$ 2,531.78	\$ 80.22		\$ 2,612.00		\$ 2,612.00	\$ 64,540.00	
3.3 PHASE II T-GROIN CONSTRUCTION MANAGEMENT																						
A		T-Groin Construction Management (T-groin #2)	75		12			75		19					\$ 21,410.90	\$ 69.10		\$ 21,480.00		\$ 21,480.00		
B		T-Groin Construction Management (T-groin #3)	75		12			75		19					\$ 21,410.90	\$ 69.10		\$ 21,480.00		\$ 21,480.00		
C		T-Groin Construction Management (T-groin #4)	75		12			75		19					\$ 21,410.90	\$ 69.10		\$ 21,480.00		\$ 21,480.00		
D		State and Federal Environmental Monitoring, QA/QC program (T-groin #2)							2						\$ 37,598.00			\$ 37,598.00		\$ 37,598.00		
E		State and Federal Environmental Monitoring, QA/QC program (T-groin #3)							2						\$ 37,598.00			\$ 37,598.00		\$ 37,598.00		
F		State and Federal Environmental Monitoring, QA/QC program (T-groin #4)							2						\$ 37,598.00			\$ 37,598.00		\$ 37,598.00	\$ 177,234.00	
3.4 PHASE II - BEACH FILL AND DREDGING MANAGEMENT SERVICES																						
A		Construction Management Service (Beach Fill/Dredging)	75		7			80		60			0		\$ 24,162.35	\$ 101.65		\$ 24,264.00		\$ 24,264.00		
B		Environmental Monitoring, Construction observation and QA/QC											2		\$ 41,382.00			\$ 43,382.00		\$ 43,382.00	\$ 67,646.00	
3.5 POST-CONSTRUCTION MONITORING																						
A		Post Construction Survey and Report #1	27	13	51	80	35	75	40	75		2			\$ 34,687.22	\$ 560.64	\$ 31,675.14	\$ 68,973.00		\$ 68,973.00	\$ 378,343.00	
																			Amendment 6 Cost For Task 3.0:			\$

Attachment A-6
Statement of Work

Honeymoon Island State Park Phase II Cost Schedule, Task 4

Task ID	Sub Task ID	Task Description and Breakdown	Principal Engineer	Senior Engineer	Engineer III	Engineer II	Engineer I	Eng/Mdl Tech 2	Eng/Mdl Tech 1	AutoCAD II	AutoCAD II	Admin. Assistant	Monthly Observation LS T-Groins	Monthly Observation LS Beach	Total Labor Costs	Reimbursable Expenses	Sub Consultants	Sub-Total task Budget	Previous Budget	Newly Allocated Funds Previously Approved	Total	
4.0 MONITORING																						
4.1 2012 Monitoring																						
A Survey Data															\$ 2,495.00	\$ -	\$ 17,000.00	\$ 19,495.00	\$ 19,495.00		Previously Approved	
D Monitoring Report															\$ 22,940.00			\$ 22,940.00	\$ 22,940.00			
C Aerial															\$ 495.00			\$ 495.00	\$ 495.00			
4.2 FUTURE MONITORING ALLOCATION																						
A		6-Month Post Construction Survey (T-groins & Beach) no report	2	1	8	12				4					\$ 2,474.81		\$ 22,112.10	\$ 24,586.91	\$ 24,586.91		\$ 24,586.91	
B		12-Month Post Construction Survey & QC Review (Beach & T-groins)	2	1	8	12				4					\$ 2,474.81		\$ 22,112.10	\$ 24,586.91	\$ 24,586.91		\$ 24,586.91	
C		12-Month Post Construction Aerial and QC	1		3							2			\$ 471.31		\$ 6,935.00	\$ 7,406.31	\$ 7,406.31		\$ 7,406.31	
D		Analysis & report (#2) with DEP/USACE Documentation	24	12	24		60	100	40	26					\$ 25,540.54		\$ 25,540.54	\$ 25,540.54			\$ 25,540.54	
E		24-Month Post Construction Survey & QC Review (BA, Beach & T-groins)	2	1		8		12		4					\$ 2,332.09		\$ 26,740.14	\$ 29,072.23	\$ 29,072.23		\$ 29,072.23	
F		24-Month Post Construction Aerial and QC	1		3							2			\$ 471.31		\$ 6,935.00	\$ 7,406.31	\$ 7,406.31		\$ 7,406.31	
G		Analysis & report (#3) with DEP/USACE Documentation	24	12	30	40		100	60	16					\$ 26,377.94		\$ 26,377.94	\$ 26,377.94			\$ 26,377.94	
H		36-Month Post Construction Survey & QC Review (Beach & T-groins)	2	1	8	12				4					\$ 2,474.81		\$ 22,112.10	\$ 24,586.91	\$ 24,586.91		\$ 24,586.91	
I		36-Month Post Construction Aerial and QC	1		3										\$ 471.31		\$ 6,935.00	\$ 7,406.31	\$ 7,406.31		\$ 7,406.31	
J		Analysis & report (#4) with DEP/USACE Documentation	24	12	24		60	100	40	26		2			\$ 25,540.54		\$ 25,540.54	\$ 25,540.54			\$ 25,540.54	
K		48-Month Post Construction Survey & QC Review (BA, Beach & T-groins)	2	1		8		12		4					\$ 2,332.09		\$ 26,740.14	\$ 29,072.23	\$ 29,072.23		\$ 29,072.23	
L		48-Month Post Construction Aerial and QC	1		3										\$ 471.31		\$ 6,935.00	\$ 7,406.31	\$ 7,406.31		\$ 7,406.31	
M		Analysis & report (#5) with DEP/USACE Documentation	24	12	30	40		100	60	16		2			\$ 26,377.94		\$ 26,377.94	\$ 26,377.94			\$ 26,377.94	
N		60-Month Post Construction Survey & QC Review (Beach & T-groins)	2	1	8	12				4					\$ 2,474.81		\$ 22,112.10	\$ 24,586.91	\$ 24,586.91		\$ 24,586.91	
O		60-Month Post Construction Aerial and QC	1		3										\$ 471.31		\$ 6,935.00	\$ 7,406.31	\$ 7,406.31		\$ 7,406.31	
P		Analysis & report (#6) with DEP/USACE Documentation	24	12	24		60	100	40	25		2			\$ 25,471.49		\$ 25,471.49	\$ 25,471.49			\$ 25,471.49	
Q		Post-Construction Coordination, follow up with State and Federal Agencies	20	8	22		60	100	33	25		2			\$ 23,479.49	\$ 222.41	\$ 23,701.90	\$ 23,701.90			\$ 23,701.90	
																			Amendment 6 Cost for Task 4.0:			\$346,534.00
																			Amendment 6 Cost:			\$724,877.00

Attachment A-6
Statement of Work

H&M SUBCONSULTANTS DC839-Amend #06, Phase II			SDI: Lump Sum	ACA: Lump Sum	Total
3.2	A	Sea Diversified	\$22,112.10		\$22,112.10
	A	ACA		\$6,935.00	\$6,935.00
	C	Sea Diversified	\$20,216.56		\$20,216.56
3.2, Sub Totals:			\$42,328.66	\$6,935.00	\$49,263.66
3.5	A	Sea Diversified	\$26,740.14		\$26,740.14
	A	ACA		\$6,935.00	\$6,935.00
3.5 Sub Totals:			\$26,740.14	\$6,935.00	\$33,675.14
4.2	A	6-Month Post Construction Survey (T-groins & Beach) no report	\$22,112.10		\$22,112.10
	B	12-Month Post Construction Survey & QC Review (Beach & T-groins)	\$22,112.10		\$22,112.10
	C	12-Month Post Construction Aerial and QC		\$6,935.00	\$6,935.00
	E	24-Month Post Construction Survey & QC Review (BA, Beach & T-groins)	\$26,740.14		\$26,740.14
	F	24-Month Post Construction Aerial and QC		\$6,935.00	\$6,935.00
	H	36-Month Post Construction Survey & QC Review (Beach & T-groins)	\$22,112.10		\$22,112.10
	I	36-Month Post Construction Aerial and QC		\$6,935.00	\$6,935.00
	K	48-Month Post Construction Survey & QC Review (BA, Beach & T-groins)	\$26,740.14		\$26,740.14
	L	48-Month Post Construction Aerial and QC		\$6,935.00	\$6,935.00
	M	60-Month Post Construction Survey & QC Review (Beach & T-groins)	\$22,112.10		\$22,112.10
	N	60-Month Post Construction Aerial and QC		\$6,935.00	\$6,935.00
4.2 Sub Totals:			\$141,928.68	\$34,675.00	\$176,603.68
Totals:			\$210,997.48	\$48,545.00	\$259,542.48