

**AMENDMENT NO. 2 TO CONTRACT NO. 2012000050
AGREEMENT BETWEEN CHARLOTTE COUNTY
and
COASTAL ENGINEERING CONSULTANTS, INC.
for
STUMP PASS TEN-YEAR MANAGEMENT PLAN**

THIS AMENDMENT NO. 2 to Contract No. 2012000050 (hereinafter "Amendment"), is made and entered into this 13th day of February 2014 by and between CHARLOTTE COUNTY, a political subdivision of the State of Florida, 18500 Murdock Circle, Port Charlotte, Florida 33948-1094, hereinafter referred to as the "County," and COASTAL ENGINEERING CONSULTANTS, 3106 South Horseshoe Drive, Naples, Florida 34104-6137, hereinafter referred to as the "Consultant."

WITNESSETH

WHEREAS, County issued Request for Proposal (RFP) No. 2012000050 to retain a Consultant to provide a ten year beach and inlet management plan for Stump Pass to include, but not be limited to, an alternative analysis, design, permitting, construction support, and monitoring (the "Project"); and

WHEREAS, Consultant submitted a proposal in response to RFP 2012000050 and was subsequently selected by County as the company to provide the services requested by RFP 2012000050; and

WHEREAS, the parties entered into Contract No. 2012000050 (hereinafter the "Contract") on or about April 16, 2012, for Consultant to provide consulting services for the Project; and

WHEREAS, the parties entered into Amendment No.1 to the Contract on or about October 18, 2012, to acquire additional consulting services from Consultant as a result of the impact of Tropical Storm Debby in June of 2012 which impacted the coastline of Charlotte County and the Project resulting in beach erosion, channel shoaling, and the loss of natural resources and habitats; and

WHEREAS, County now desires to acquire consulting services from Consultant, as described in the attached Exhibit A entitled "Charlotte County 10-Year Beach and Inlet Management Plan, 2014 Annual Monitoring Scope of Services", to perform the 2014 annual monitoring and Consultant desires to provide said services in accordance with the Contract, RFP No. 2012000050, Consultant's proposal, and subsequent negotiations between the parties.

NOW, THEREFORE, the County and the Consultant, in consideration of the mutual covenants contained herein, do agree as follows:

ARTICLE I
INCORPORATION / COMPENSATION / SERVICES

1.1 The above Recitals are hereby incorporated herein and made a part of this Amendment.

1.2 The provisions of Exhibit A entitled "Charlotte County 10-Year Beach and Inlet Management Plan, 2014 Annual Monitoring Scope of Services" are attached hereto and incorporated into and made a part of this Amendment.

1.3 This Amendment to the Contract shall consist of the services which Consultant agrees to perform in accordance with the terms found in this Amendment and Exhibit A. In accordance with this Amendment, the parties agree that the County shall pay Consultant an amount not to exceed One Hundred Thirty Nine Thousand, Eight Hundred Fifty One Dollars (\$139,851.00) to perform these services in accordance with the terms of this Amendment and Exhibit A.

ARTICLE II
MISCELLANEOUS

2.1 Any terms used in this Amendment shall have the same meanings and definitions as they have in the Contract.

2.2 All other provisions of the Contract not in conflict with this Amendment shall remain in full force and effect.

2.3 The provisions of this Amendment and Exhibit A are specifically incorporated into and made a part of the Contract.

THE REMAINDER OF THIS PAGE HAS BEEN INTENTIONALLY LEFT BLANK

IN WITNESS WHEREOF, the parties hereto have caused the execution of these premises as of the date and year first above written.

WITNESSES:

Signed

By: Karen J. Taylor

Print

Name: Karen J. Taylor

Date: 2/10/2014

Signed

By: Sarah E. Burn

Print

Name: Sarah E. Burn

Date: 2/10/2014

COASTAL ENGINEERING
CONSULTANTS, INC.

Signed by: Michael T. Poff

Print Name: MICHAEL T. POFF

Title: V-P

Date: 2/7/14

ATTEST:

Barbara T. Scott, Clerk of Circuit
Court and Ex-officio Clerk to the
Board of County Commissioners

By: McRelle D. Berardino
Deputy Clerk

BOARD OF COUNTY COMMISSIONERS
OF CHARLOTTE COUNTY, FLORIDA

By: Kenneth W. Doherty

Kenneth W. Doherty, Chairman

Date: 1/28/14

APPROVED AS TO FORM
AND LEGAL SUFFICIENCY

By: Janette S. Knowlton

Janette S. Knowlton, County Attorney
LR 14-2701 S.S.

Exhibit List:

Exhibit A – Charlotte County 10-Year Beach and Inlet Management Plan,
2014 Annual Monitoring Scope of Services

Charlotte County 10-Year Beach and Inlet Management Plan 2014 Annual Monitoring Scope of Services

CEC File No. 14.001

December 13, 2013

TASK 16 – 2014 PHYSICAL MONITORING

Task 16A – R-Monument Beach Profiles, R8 to R47: CEC shall conduct the 2014 profile surveys of the beaches from reference monument R8 to R47 and prepare deliverables in accordance with Paragraph A of the approved Physical Monitoring Plan (PMP) dated February 1, 2010. CEC shall locate Mean High Water (MHW) adjacent to Stump Pass. CEC shall collect additional survey data in the vicinity of Stump Pass to coincide with supplemental survey lines developed for project design.

Task 16B – Borrow Areas: CEC shall conduct the 2014 bathymetric surveys of the borrow area and prepare deliverables in accordance with Paragraph B of the approved PMP.

Task 16C – Aerial Photographs: CEC shall solicit proposals from qualified contractors and retain the lowest, responsive bid aerial subcontractor to collect scale-rectified aerial photographs as close as possible to the timeframe in Tasks 1a and 1b above, and prepare deliverables in accordance with Paragraph C of the approved PMP.

Task 16D – Hydraulic Monitoring: CEC shall conduct the hydraulic monitoring surveys, and analyses as close as possible to the timeframe in Tasks 1a and 1b above, and prepare deliverables in accordance with Paragraph D of the approved PMP dated February 1, 2010.

Task 16E – Monitoring Report: CEC shall prepare and submit the 2014 annual monitoring engineering report summarizing and discussing the data collected in Tasks 1a through 1d above in accordance with the approved PMP dated February 1, 2010. The report will include:

- the performance of the beach fill project – with a comparative review of project performance to performance expectations and identification of adverse impacts attributable to the project,
- erosion and accretion patterns within the monitored area,
- appendices including plots of survey profiles and graphical representations of volumetric and shoreline position changes for the monitoring area,
- an analysis of monitoring results - analyzed for patterns, trends, or changes between annual surveys and cumulatively since project construction.

CEC shall submit the engineering report and accompanying monitoring data to FDEP within 90 days following completion of monitoring tasks above.

TASK 17 – 2014 BIOLOGICAL MONITORING

Task 17A – Seagrass Survey: CEC shall conduct the Summer 2014 seagrass survey and prepare and submit the monitoring report in accordance with the FDEP-approved Seagrass Monitoring Plan dated April 29, 2010.

EXHIBIT “A”

Charlotte County 10-Year Beach and Inlet Management Plan
2014 Annual Monitoring Scope of Services

Task 17B – Sea Turtle Monitoring: The County will:

- retain the local marine turtle permit holders (Turtle Consultant) to fulfill Sections 6 and 13 of the FDEP-approved Sea Turtle Protection Plan (STPP) dated February 1, 2010,
- conduct monthly artificial lighting surveys from May 2014 through October 2014 as required by Special Condition 17 of the FDEP permit and Sections 8 and 9 of the STPP,
- Submit a summary report of each survey, including property owner documentation, to FFWCC by the first of each month following each survey, and
- Submit a final summary report to FFWCC by December 15, for a total of 6 reports.

Using the GPS coordinates of sea turtle nests from R1 to R57, provided by the County, CEC shall prepare maps illustrating the location of the nests overlaid on aerial photographs to be submitted to the agencies with the Turtle Consultant's final summary report for the 2014 monitoring season.

Task 17C – Shorebird Monitoring: CEC shall retain Shorebird Consultants from February 2014 through August 2014 to fulfill the requirements for the monitoring of shorebirds in accordance with the agency-approved Shorebird Protection Plan (SBPP) dated February 1, 2010. Shorebird Consultants will prepare monthly reports for FFWCC and FDEP summarizing daily observations of shorebirds and their activity (e.g., foraging, resting, nesting, courtship behavior). CEC shall:

- provide technical support services for the County by reviewing and commenting on the Shorebird Consultants' implementation of the agency-approved SBPP as reflected in the reports,
- arrange and attend two (2) meetings with the County and Shorebird Consultants,
- will prepare graphics showing nesting locations and similar information derived from Shorebird Consultants reports.

Per Special Condition 25b of the FDEP permit, the County will then submit the monthly reports to FDEP for the 2014 monitoring season.

Task 17D – Beach Tilling: CEC shall assist the County to conduct a one-time bid process by preparing Technical Specifications, a Bid Schedule, reviewing bids and recommending a Contractor to conduct the beach tilling prior to nesting season for 2014 in accordance with the requirement of Special Condition 15 of the FDEP permit. CEC shall also perform cone penetrometer tests to check compaction of the beach after the County-retained Contractor completes the beach tilling. Penetrometer tests will be performed at 3 cross-shore stations along each of the FDEP survey monuments within the permitted fill areas; this data will be used to assess the effects of tilling.

TASK 18 – 2014 STAKEHOLDER MEETINGS & FUNDING COORDINATION

CEC shall attend and serve as the County's representative for up to six (6) stakeholder meetings including but not limited to the Beaches and Shores Committee, Board of County Commissioners, Marine Advisory Committee, and Parks and Recreation Committee. CEC shall provide technical support services for the County specific to stakeholder coordination.

CEC shall assist the County prepare and submit the 2015-2016 annual funding request to the State of Florida for inclusion in the Beach Erosion Control Program. CEC shall assist the County prepare and submit the quarterly monitoring reports for FY 2014-15.

Charlotte County 10-Year Beach and Inlet Management Plan
2014 Annual Monitoring Scope of Services

DELIVERABLES

For all specified deliverables, CEC shall prepare and submit to the County a draft deliverable in electronic format (e.g. pdf file). CEC shall review the draft deliverable with the County, make one-round of revisions as may be identified by the County, and submit one (1) hard copy and one (1) digital copy in the appropriate formats (e.g. Word, Excel, PowerPoint, CADD, shape file, etc.) of all deliverables to the County. The following is a list of deliverables to be provided.

Task 16A

- 2014 Beach Profile Survey Data Files
- Beach Profiles and MHW Shoreline Plots

Task 16B

- 2014 Borrow Area Survey Data Files
- Borrow Area Contour Map and Cross Sections

Task 16C

- 2014 Aerial Photographs and Survey Report

Task 16D

- 2014 Inlet Hydraulic Data

Task 16E

- 2014 Annual Monitoring Report

Task 17A

- Summer 2014 Seagrass Monitoring Survey Report

Task 17B

- 2014 Sea Turtle Monitoring Nest Location Aerial Exhibits

Task 17C

- 2014 Shorebird Monitoring Data and Reporting of Results
- Meeting Agendas and Minutes
- Technical Review of County prepared 2014 Annual Monitoring Report

Task 17D

- Beach Tilling Plan and Technical Specifications
- Beach Tilling Contractor Review and Recommendation
- Cone Penetrometer Testing Results

Task 18

- County and Stakeholder Meeting Agendas and Meeting Minutes
- Project Schedule and Updates
- Annual Funding Request and Technical Support Documents

Charlotte County 10-Year Beach and Inlet Management Plan: 2014 Annual Monitoring

CEC File No. 14.001

December 13, 2013

Task Description	
	Total
TASKS	
Transfer Existing Contract Funds from the following Existing Tasks	
Task 11B	-\$6,000
Task 14A	-\$11,000
Task 14B	-\$4,000
Task 14E	-\$5,000
Total Reduction in Existing Contract Fees:	-\$26,000
TASK 16 - 2014 PHYSICAL MONITORING	\$95,994
16A R-Monument Beach Profiles, R8 to R47	\$31,874
Survey Preparations	\$3,024
Conduct Survey	\$16,912
Data Reduction	\$6,074
Deliverables	\$5,864
16B Borrow Areas	\$12,306
Survey Preparations	\$1,180
Conduct Survey	\$6,988
Data Reduction	\$3,494
Deliverables	\$1,644
16C Aerial Photographs	\$23,924
Aerial Subcontractor	\$17,034
Aerial Photo Targets	\$666
Deliverables	\$6,234
16D Hydraulic Monitoring	\$14,493
Instrumentation Setup / Deployment	\$6,373
Instrument Retrieval	\$4,233
Data Reduction	\$2,214
Deliverables	\$1,674
16E Monitoring Report	\$13,398
Draft Report	\$8,901
Final Report	\$4,497
TASK 17 - 2013 BIOLOGICAL MONITORING	\$53,346
17A Seagrass Survey	\$17,016
Spring Survey Preparations	\$2,226
Conduct Spring Survey	\$6,002
Data Reduction	\$4,517
Deliverables	\$4,272
17B Sea Turtle Monitoring	\$4,681
County Coordination	\$857
Aerial Exhibits	\$3,177
Deliverables	\$647
17C Shorebird Monitoring	\$28,645
Meetings (2)	\$2,357
Monthly Monitors	\$22,984
Oversight	\$1,821
Deliverables	\$1,384
17D Beach Tilling	\$3,105
Plans and Specs	\$697
Blid Process	\$757
Cone Penetrometer	\$1,371
Deliverables	\$280
TASK 18 - 2014 STAKEHOLDER COORD & FUNDING	\$15,511
SUBTOTAL FOR 2014 ANNUAL MONITORING	\$164,851
TOTAL FOR ADDENDUM NO. 2 TO EXISTING CONTRACT	\$139,851

December 13, 2013

TOTALS

Charlotte County 10-Year Beach and Inlet Management Plan: 2014 Annual Monitoring

CEC File No. 14.001

December 13, 2013

Coastal Technology Corporation									
Task Description	Senior Engineer	Managing Geologist/Env Spec.	Coastal Planner/Ecologist	Senior Technician	Project Coordinator	Total Fees	Direct Costs		Total
	\$170	\$135	\$105	\$90	\$65		Amount	Description	
TASKS:									
TASK 17 - 2013 BIOLOGICAL MONITORING						\$12,360	\$1,641		\$14,001
17A Seagrass Survey	4	18	72	18	8	\$12,360	\$1,641		\$14,001
Spring Survey Preparations	2	2	12		2	\$2,000	\$0		\$2,000
Conduct Spring Survey			24			\$2,520	\$1,641		\$4,161
Data Reduction		8	24	8		\$4,320	\$0		\$4,320
Deliverables	2	6	12	8	6	\$3,520	\$0		\$3,520
TOTALS	4	16	72	18	8	\$12,360	\$1,641		\$14,001

December 13, 2013

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