

**AMENDMENT NO. 6 TO CONTRACT NO. 2012000050**  
**AGREEMENT BETWEEN CHARLOTTE COUNTY**  
**and**  
**COASTAL ENGINEERING CONSULTANTS, INC.**  
**for**  
**STUMP PASS TEN-YEAR MANAGEMENT PLAN**

**THIS AMENDMENT NO. 6** to Contract No. 2012000050 ("Amendment"), is made and entered into by and between CHARLOTTE COUNTY, a political subdivision of the State of Florida, 18500 Murdock Circle, Port Charlotte, Florida 33948-1094 (the "County") and COASTAL ENGINEERING CONSULTANTS, 3106 South Horseshoe Drive, Naples, Florida 34104-6137 (the "Consultant").

**WITNESSETH**

**WHEREAS**, the 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**, through a selection and negotiation process conducted in accordance with the requirements of law and County policy, the County determined that it would be in the best interest of the County to award a contract to Consultant for the rendering of professional services associated with the Stump Pass 10-Year Management Plan Project; and

**WHEREAS**, the parties entered into Contract No. 2012000050 (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 as a result of the impact of Tropical Storm Debby in June of 2012 which impacted the coastline resulting in beach erosion, channel shoaling, and the loss of natural resources and habitats; and

**WHEREAS**, the parties entered into *Amendment No. 2* to the Contract on or about February 13, 2014, to acquire additional services relating to the 2014 Annual Monitoring, including Physical and Biological Monitoring; and

**WHEREAS**, the parties entered into *Amendment No. 3* to the Contract on March 10, 2015, to acquire additional surveying and consulting services, to perform the 2015 Annual Monitoring and for other services; and

**WHEREAS**, the parties entered into *Amendment No. 4* to the Contract on June 14, 2016, to acquire additional services relating to the Erosion Control Project, to perform the 2016 Annual Monitoring, and for other services; and

**WHEREAS**, the parties entered onto *Amendment #5* to the Contract on April 26, 2017, re-scoping the Project through the reduction of certain Tasks and the addition of additional Tasks related to extended environmental monitoring for shorebirds and seagrass; and

**WHEREAS**, the County desires to acquire additional Project services to assist the County in completing the first year monitoring services for the 2017 Erosion Control Project; and

**WHEREAS**, it has been determined that certain Project Tasks are no longer necessary or have been completed to the County's satisfaction, and the parties wish to reallocate Project Fees reserved for those Tasks to the new Tasks as desired herein; and

**WHEREAS**, Consultant desires to provide said services in accordance with this Amendment No. 6, the Contract and other Contract Amendments.

**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**, Charlotte County 10-Year Beach and Inlet Management Plan, 2018-2019 First Annual Monitoring Scope, defining Tasks 10 through 16, are attached hereto and incorporated into and made a part of this Amendment.

1.3. Consultant shall provide the services in this Amendment and **Exhibit A**.

1.4. The County shall pay Consultant an amount not to exceed One Hundred Seventy-Nine Thousand Seven Hundred Four Dollars and no Cents (\$179,704.00), to perform the additional services, in accordance with the terms of this Amendment and **Exhibit B**, First Year Annual Monitoring Fees.

1.5. Funds from Tasks 1G, Sediment Analysis, and 5, Construction Observations, in the total amount of Thirty-One Thousand Five Hundred Six Dollars and No Cents (\$31,506.00) are re allocated to new Tasks 10 through 16, as set forth in **Exhibit B**, resulting in a net addition to the Contract of One Hundred Forty-Eight Thousand, One Hundred Ninety-Eight Dollars and no cents (\$148,198.00).

1.6. Consultant shall provide the services in **Exhibit A** on or before November 1, 2019.

**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 and prior Amendments not in conflict with this Amendment shall remain in full force and effect.

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IN WITNESS WHEREOF, the parties hereto have entered into this Amendment #6 as of the date and year written below.

WITNESSES:

COASTAL ENGINEERING  
CONSULTANTS, INC.

Signed  
By: Karen J. Taylor

Print Name: Karen J. Taylor

Date: 7/13/18

Signed  
By: Danna R. Benfield

Print Name: Danna R. Benfield

Date: 7/13/18

Signed by: [Signature]

Print Name: MICHAEL T. BOFF

Title: PRESIDENT

Date: 7/13/18

ATTEST:

Roger D. Eaton, Clerk of the Circuit  
Court and Ex-Officio Clerk to the  
Board of County Commissioners

By: Michelle DeBeard  
Deputy Clerk

By: [Signature]  
Kenneth W. Doherty, Chairman

Date: 7/10/18

APPROVED AS TO FORM  
AND LEGAL SUFFICIENCY

By: Janette S. Knowlton  
Janette S. Knowlton, County Attorney

LR 18-0481 [Signature]

Exhibit List:

Exhibit A – Charlotte County 10-Year Beach and Inlet Management Plan, 2018-2019 First Annual Monitoring Scope  
Exhibit B – Charlotte County 10-Year Beach and Inlet Management Plan, 2018-2019 First annual Monitoring Fees

## Exhibit "A"

### Charlotte County 10-Year Beach and Inlet Management Plan 2018-2019 First Annual Monitoring Scope

CEC File No. 18.001

May 21, 2018

The scope of services presented herein is designed for Coastal Engineering Consultants, Inc. (Engineer) to assist Charlotte County (County) to complete the first-year monitoring services for the 2017 Erosion Control Project. Payment for services shall be made on a monthly basis on a percent complete basis. Fees for individual tasks shall not be exceeded.

#### **TASK 10 FIRST ANNUAL PHYSICAL MONITORING SURVEYS**

All survey and monitoring activities as described herein shall be conducted and provided in accordance with the approved Physical Monitoring Plan (PMP) (September 2014) and latest update of the Florida Department of Environmental Protection (FDEP) Monitoring Standards for Beach Erosion Control Projects.

**A. Beach Profiles:** Conduct monitoring survey of the FDEP reference monuments R-8 through R-47, twelve (12) additional lines near Stump Pass, and Mean High Water (MHW) surveys from R-18 through R-28 (inlet shorelines). The profile alignments shall be identical to the azimuths previously established for each monument. All R-monument beach profiles shall extend seaward 3,000 feet from the Mean High Water (MHW) or to a depth of -30 feet NAVD88, whichever is less, with the exception of R-22 to R-28 which shall be 5,000 feet from MHW to cover the shoal.

**B. Navigation Channel:** Conduct monitoring survey of Stump Pass and MWH adjacent to the inlet. Bathymetric surveys shall be conducted along each cross-section at 100 foot intervals and three longitudinal profiles, along the centerline and at 150 foot offsets to either side. The northern and southern limits of the survey shall extend approximately 600 feet beyond the permitted template, or to the limits of the ebb/flood shoals, whichever is greater.

**C. Aerial Photography:** Take aerial photography of the beach concurrently with the monitoring survey, as close to the date of the beach profile survey as possible, and during approximate low water tide on that date. The limits of the photography shall include the surveyed monitoring area from the FDEP reference monuments R-1 through R-47. The photography shall be color vertical photos with a 30% forward overlap, taken from an elevation of 3,000 feet (1:6,000 negative scale) and centered on the local shoreline. A digital scan of the color photos at a rate of 21 microns with Using the GPS coordinates of sea turtle nests from R1 to R57, provided by the County, 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 2018 monitoring season. A pixel size of 0.4 feet shall be made and submitted in TIF format (uncompressed) on CD or DVD.

**D. Hydraulic Monitoring:** Conduct hydraulic monitoring concurrently with the monitoring survey. The monitoring shall include measuring the tidal amplitudes on Lemon Bay and the Gulf of Mexico and measuring the current velocities in the channel throat for a full spring tidal cycle. The channel throat cross-section, depth and length shall be measured in the field as part of the monitoring. Three (3) channel sections shall be monitored to help bracket the throat recognizing it may not be obvious where the critical section is located.

#### **TASK 11 FIRST ANNUAL BIOLOGICAL MONITORING**

**A. Seagrass Survey:** Conduct the Summer 2018 seagrass survey and prepare and submit the monitoring report in accordance with the approved Seagrass Monitoring Plan described in Joint Coastal Permit 0194790-017-JC, Condition 26.



**Charlotte County 10-Year Beach and Inlet Management Plan  
2018-2019 First Annual Monitoring Scope**

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**B. Shorebird Monitoring:** Retain Shorebird Consultants to conduct the Permit required monitoring and reporting for the 2018 nesting season and assisting with establishing Permit required signage and marking. Provide technical support services for the County through the Shorebird Consultants' implementation of the monitoring, reporting, and signage. Arrange and attend one (1) meeting with the County and Shorebird Consultants. Prepare graphics showing nesting locations and similar information derived from Shorebird Consultants reports.

**C. Beach Tilling:** Assist the County prepare beach tilling specifications and complete a request for quotation bid process. Conduct cone penetrometer testing of the beach fill after the Contractor has tilled the beach to confirm the beach tilling was completed in accordance with the Permit requirements. Timing will be coordinated for this work to occur prior to the 2019 sea turtle nesting season.

**D. Wintering Bird Monitoring:** Retain Shorebird Consultants to conduct the Permit required monitoring and reporting in accordance with the USFWS Biological Opinions. Monitoring shall be conducted from July 15, 2018 through May 15, 2019. Surveys shall be conducted twice per month. Reports shall be provided monthly.

**TASK 12 FIRST ANNUAL MONITORING REPORT**

Prepare and submit to the agencies the First Annual Monitoring Report. The Report shall include a summary of the work completed; beach profile and channel surveys; shoreline and volume calculations to define the volumes excavated and placed; aerial photography; hydraulic parameters and comparison to historical data; sediment analyses; survey data and deliverables; and identification of adverse impacts attributable to the Project. The Report shall serve as the baseline for future monitoring surveys and comparative reviews of Project performance to performance expectations.

**TASK 13 PERMIT MODIFICATION**

Prepare the JCP Application for the permit modification request to modify the beach berm design in response to the predicted sea level rise, add construction tolerance for additional beach width, and incorporate the North Manasota Key borrow areas and hopper dredge methodology into the existing Erosion Control Project. Prepare an updated Project Description and Purpose and Need Justification Statement reflecting the Project's goals and objectives. Assemble the Permit Plans and Technical Support Documents. Provide the County with a Draft JCP Package for review and comment. Upon receipt of written comments, finalize and submit the JCP Modification Request Package to the FDEP and USACE.

Utilizing existing information (including surveys, reports, design details, and analyses), assist the County prepare and submit responses to one (1) Request for Additional Information (RAI) from FDEP and one (1) RAI from USACE.

Prepare a compliance report to demonstrate the Project is in compliance with the specific conditions of the USACE permit.

**TASK 14 PROJECT ADMINISTRATION**

Attend and serve as the County's representative at four (4) stakeholder meetings including but not limited to the Beaches and Shores Committee, Board of County Commissioners, Marine Advisory Committee, and Parks and Recreation Committee. Provide technical support services for the County specific to stakeholder coordination. Manage and coordinate the team's internal efforts. Maintain informal contact with the County and FDEP via email and phone calls.

**TASK 15 ANNUAL FUNDING REQUEST**

Assist the County prepare and submit the existing Erosion Control Project's data as with the annual funding request to the State of Florida for inclusion in the Beach Management Funding Assistance Program for FY 2019-2020. Assist the County respond to the FDEP request for additional information

**Charlotte County 10-Year Beach and Inlet Management Plan**  
**2018-2019 First Annual Monitoring Scope**

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and critique of the funding application specific to the existing Erosion Control Project. CEC shall assist the County prepare and submit the quarterly monitoring reports for FY 2018-19.

**TASK 16 CONTINGENCIES**

Due to the complex nature of the work involving marine environments, it is anticipated that additional work may be necessary such as data collection, permitting, stakeholders meetings, or agency coordination. A contingency budget is recommended for these circumstances. All scopes of work under this task must be reviewed and approved by the County Project Manager prior to conducting the additional work.

**COUNTY RESPONSIBILITIES**

The scope of services and budget are based on the County providing the following:

- Public Notices
- Permit Fees
- Sea Turtle Monitoring and Reporting
- Shorebird Signage, Posting, and Roping materials
- Shorebird Education Materials.

**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, AutoCAD, shape file, etc.) of all deliverables to the County. The following is a list of deliverables to be provided.

Task 10A

- Beach Profile Survey Field Notes
- Beach Profile Survey Plots
- Beach Profile Data Files

Task 10B

- Navigation Channel Survey Field Notes
- Navigation Channel Cross Section Plots
- Navigation Channel Survey Data Files

Task 10C

- Aerial Photographs and Survey Report
- Sea Turtle Monitoring Nest Location Aerial Exhibits

Task 10D

- Inlet Hydraulic Survey Field Notes
- Inlet Hydraulic Parameters and Plots

Task 11A

- Seagrass Monitoring Survey Field Notes
- Seagrass Monitoring Survey Report

Task 11B

- 2018 Shorebird Daily Monitoring Reporting

**Charlotte County 10-Year Beach and Inlet Management Plan**  
*2018-2019 First Annual Monitoring Scope*

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Task 11C

- Compaction Test Results

Task 11D

- 2016-17 Wintering Bird Monitoring Reporting (Monthly)

Task 12

- First Year Monitoring Report (Draft and Final)

Task 13

- JCP Permit Modification Package (Draft and Final)
- RAI Responses (Draft and Final)
- Project Compliance Report

Task 14

- Stakeholder and Committee Meeting Presentations & Schedule Updates

Task 15

- FY 19-20 Funding Request Application and Technical Support Documents
- Funding Application RAI Response No. 1
- FY 18-19 Quarterly Reports



# Exhibit "B"

## Charlotte County 10-Year Beach and Inlet Management Contract Amendment # 6 - First Year Annual Monitoring CEC File No. 18.001 May 21, 2018

Task Description	Contract Fees (As Amended)	Billed Through 4/30/2018	Estimate Through 6/1/2018	Balance	Transfer Amount	Comments
<b>CURRENT CONTRACT TASKS THROUGH AMENDMENT # 5</b>						
<b>TASK 1 - PHYSICAL MONITORING &amp; CONSTRUCTION PAY</b>	<b>\$269,460</b>	<b>\$255,059</b>	<b>\$7,783</b>	<b>\$6,617</b>	<b>\$6,617</b>	
1A Survey Control	\$6,408	\$2,845	\$3,563	\$0	\$0	Apply funds to cover final reporting
1B Beach Profile Physical Monitoring Survey	\$61,184	\$56,963	\$4,221	\$0	\$0	Apply funds to cover final reporting
1C Offshore Borrow Area Surveys	\$0	\$0	\$0	\$0	\$0	Task Complete
1D Navigation Channel Surveys	\$24,636	\$24,636	\$0	\$0	\$0	Task Complete
1E Aerial Photography	\$22,528	\$22,528	\$0	\$0	\$0	Task Complete
1F Hydraulic Monitoring	\$14,178	\$14,178	\$0	\$0	\$0	Task Complete
1G Sediment Analyses	\$10,585	\$3,988	\$0	\$6,617	\$6,617	Transfer
1H Beach Fill Pay Surveys	\$78,122	\$78,122	\$0	\$0	\$0	Task Complete
1I Terminal Groin Pay Surveys	\$29,085	\$29,085	\$0	\$0	\$0	Task Complete
1J Resweep Pay Surveys	\$22,734	\$22,734	\$0	\$0	\$0	Task Complete
<b>TASK 2 - BIOLOGICAL MONITORING</b>	<b>\$134,687</b>	<b>\$110,563</b>	<b>\$24,124</b>	<b>\$0</b>	<b>\$0</b>	
2A Seagrass Survey	\$30,052	\$30,052	\$0	\$0	\$0	Task Complete
2B Sea Turtle Monitoring	\$6,780	\$6,780	\$0	\$0	\$0	Task Complete
2C Shorebird Monitoring	\$36,278	\$36,278	\$0	\$0	\$0	Task Complete
2D Hardbottom Monitoring	\$32,718	\$13,274	\$19,444	\$0	\$0	Corridor Surveys: HB Map/Millgator
2E Compaction Monitoring	\$5,499	\$5,499	\$0	\$0	\$0	Task Complete
2F Wintering Bird Monitoring	\$23,360	\$18,680	\$4,680	\$0	\$0	Wintering Bird Surveys ~ 5/15/18
<b>TASK 3 - CONSTRUCTION ADMINISTRATION</b>	<b>\$51,462</b>	<b>\$45,299</b>	<b>\$6,163</b>	<b>\$0</b>	<b>\$0</b>	
3A Contractor Pre-Construction Conference	\$3,276	\$3,276	\$0	\$0	\$0	Task Complete
3B Agency Pre-Construction Meeting	\$2,766	\$2,766	\$0	\$0	\$0	Task Complete
3C Work Plan, Shop Drawings, and Submittals	\$2,218	\$2,218	\$0	\$0	\$0	Task Complete
3D Construction Progress Meetings and Reporting	\$25,894	\$25,894	\$0	\$0	\$0	Task Complete
3E Pay Applications	\$8,952	\$3,972	\$4,980	\$0	\$0	Close out Construction with GLDD
3F Change Orders and Contract Modifications	\$4,178	\$2,995	\$1,183	\$0	\$0	Close out Construction with GLDD
3G Interpretation of Contract Documents	\$4,178	\$4,178	\$0	\$0	\$0	Task Complete
<b>TASK 4 - CERTIFICATIONS AND POST-CONSTRUCTION REPORT</b>	<b>\$30,344</b>	<b>\$30,344</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	
4A Substantial Completion	\$4,818	\$4,818	\$0	\$0	\$0	Task Complete
4B Final Inspection	\$4,412	\$4,412	\$0	\$0	\$0	Task Complete
4C Final Certification	\$3,126	\$3,126	\$0	\$0	\$0	Task Complete
4D Post-Construction Report	\$17,988	\$17,988	\$0	\$0	\$0	Task Complete
<b>TASK 5 - CONSTRUCTION OBSERVATIONS</b>	<b>\$98,982</b>	<b>\$74,073</b>	<b>\$0</b>	<b>\$24,889</b>	<b>\$24,889</b>	Transfer
<b>TASK 6 - PROJECT ADMINISTRATION</b>	<b>\$14,076</b>	<b>\$14,076</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	Task Complete
<b>TASK 7 - ANNUAL FUNDING REQUEST</b>	<b>\$8,828</b>	<b>\$8,828</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	Task Complete
<b>TASK 8 - 2016 CONSTRUCTION DOCUMENTS</b>	<b>\$12,014</b>	<b>\$12,014</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	Task Complete
<b>TASK 9 - CONTINGENCIES</b>	<b>\$38,504</b>	<b>\$38,504</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	Task Complete
<b>TOTALS</b>	<b>\$658,337</b>	<b>\$588,760</b>	<b>\$38,071</b>	<b>\$31,506</b>	<b>\$31,506</b>	

Task Description	Transfer Amount	New Fees	Total Fees
<b>NEW CONTRACT TASKS FOR AMENDMENT # 6</b>			
<b>TASK 10 - FIRST ANNUAL PHYSICAL MONITORING SURVEYS</b>	<b>\$31,506</b>	<b>\$48,109</b>	<b>\$79,615</b>
10A Beach Profiles	\$24,889	\$5,705	\$30,594
10B Navigation Channel	\$6,617	\$6,766	\$12,383
10C Aerial Photography		\$22,438	\$22,438
10D Hydraulic Monitoring		\$14,200	\$14,200
<b>TASK 11 - FIRST ANNUAL BIOLOGICAL MONITORING</b>		<b>\$42,715</b>	<b>\$42,715</b>
11A Seagrass Survey		\$15,196	\$15,196
11B Shorebird Monitoring		\$12,118	\$12,118
11C Beach Tilling		\$3,577	\$3,577
11D Wintering Bird Monitoring		\$11,824	\$11,824
<b>TASK 12 - FIRST ANNUAL MONITORING REPORT</b>		<b>\$12,910</b>	<b>\$12,910</b>
<b>TASK 13 - PERMIT MODIFICATION</b>		<b>\$21,288</b>	<b>\$21,288</b>
<b>TASK 14 - PROJECT ADMINISTRATION</b>		<b>\$9,664</b>	<b>\$9,664</b>
<b>TASK 15 - ANNUAL FUNDING REQUEST</b>		<b>\$3,524</b>	<b>\$3,524</b>
<b>TASK 16 - CONTINGENCIES</b>		<b>\$9,988</b>	<b>\$9,988</b>
<b>TOTALS</b>	<b>\$31,506</b>	<b>\$148,198</b>	<b>\$179,704</b>

\$31,506 TRANSFER AMOUNT  
\$148,198 AMENDMENT # 6 NEW FEES  
\$179,704 AMENDMENT # 6 TOTAL FEES

Charlotte County 10-Year Beach and Inlet Management

July 2018 - June 2019 First Annual Monitoring

CEC File No. 18.001

May 21, 2018

PROFESSIONAL FEE SUMMARY

Task Description		Coastal Engineering Consultants, Inc.														Direct Costs		
		Principal Geologist \$211	Principal Engineer \$203	Principal Surveyor \$180	Senior Engineer \$170	Senior Scientist \$170	Coastal Modeler \$139	Managing Engineer \$139	Marine Surveyor \$130	Project Engineer \$113	Senior Technician \$88	Project Coordinator \$82	2-Man GPS Crew \$165	1-Man GPS Crew \$134	Total Fees	Amount	Subs	Total
<b>TASKS</b>																		
<b>TASK 10 - FIRST ANNUAL PHYSICAL MONITORING SURVEYS</b>		5	17	27	31	0	24	24	72	52	95	32	34	42	\$38,425	\$21,190		\$79,615
10A Beach Profiles		2	6	12	12	0	0	0	50	20	40	12	34	39	\$28,494	\$2,100		\$30,594
10B Navigation Channel		0	3	3	3	0	4	8	22	16	16	6	0	12	\$11,383	\$1,000	Trvl, Equip	\$12,383
10C Aerial Photography		0	4	12	8	0	0	0	0	0	40	8	0	0	\$9,348	\$14,090	Aerial Sub	\$22,438
10D Hydraulic Monitoring		4	4	0	8	0	20	16	0	16	0	6	0	0	\$10,200	\$4,000		\$14,200
<b>TASK 11 - FIRST ANNUAL BIOLOGICAL MONITORING</b>		0	2	0	6	88	0	0	16	14	32	28	0	10	\$25,940	\$16,775		\$42,715
11A Seagrass Survey		0	2	0	0	46	0	0	16	0	28	3	0	10	\$14,296	\$900		\$15,196
11B Shorebird Monitoring		0	0	0	0	18	0	0	0	0	0	9	0	0	\$3,618	\$8,500	Monitors	\$12,118
11C Beach Tilling		0	0	0	6	0	0	0	0	14	4	4	0	0	\$3,202	\$375		\$3,577
11D Wintering Bird Monitoring		0	0	0	0	24	0	0	0	0	0	12	0	0	\$4,824	\$7,000	Monitors	\$11,824
<b>TASK 12 - FIRST ANNUAL MONITORING REPORT</b>		4	8	2	6	2	20	12	0	16	16	10	0	0	\$12,472	\$438		\$12,910
<b>TASK 13 - PERMIT MODIFICATION</b>		12	12	0	24	24	0	24	18	0	24	6	0	0	\$21,288	\$0		\$21,288
<b>TASK 14 - PROJECT ADMINISTRATION</b>		24	0	0	4	8	0	8	0	0	8	12	0	0	\$9,664	\$0		\$9,664
<b>TASK 15 - ANNUAL FUNDING REQUEST</b>		2	6	0	0	0	0	6	0	6	0	6	0	0	\$3,524	\$0		\$3,524
<b>TASK 16 - CONTINGENCIES</b>		4	4	2	6	2	4	8	8	8	8	8	8	2	\$9,776	\$212		\$9,988
<b>TOTALS</b>		52	49	31	77	124	48	82	114	96	184	102	42	54	\$141,089	\$38,615		\$179,704



# Charlotte County 10-Year Beanagement

July 2018 - June 2019 First Aug

CEC File No. 18.001

May 21, 2018

Task Description	Jet-Pump (day)	Pondometer (day)	Dive Equipment (day)	Boat-Offshore (day)	Hydro System (day)	Tide Gauge (week)	Current Meter (week)	Survey Equipment (day)	Prints Color	Prints 24x36	Overnight Direct costs	CEC Direct Costs	Subconsultant Fees	Total Direct Costs
	\$100	\$125	\$100	\$400	\$600	\$400	\$1,200	\$50	\$0.20	\$1.50	\$35			
<b>TASKS</b>														
<b>TASK 10 - FIRST ANNUAL PHYSICAL MONITORING SURVEYS</b>	2	0	2	5	5	1	1	2	0	60	0	\$7,190	\$14,000	\$21,190
10A Beach Profiles	0	0	0	2	2	0	0	2	0	0	0	\$2,100		\$2,100
10B Navigation Channel	0	0	0	1	1	0	0	0	0	0	0	\$1,000		\$1,000
10C Aerial Photography	0	0	0	0	0	0	0	0	0	60	0	\$90	\$14,000	\$14,090
10D Hydraulic Monitoring	2	0	2	2	2	1	1	0	0	0	0	\$4,000		\$4,000
<b>TASK 11 - FIRST ANNUAL BIOLOGICAL MONITORING</b>	0	3	0	2	0	0	0	2	0	0	0	\$1,275	\$15,500	\$16,775
11A Seagrass Survey	0	0	0	2	0	0	0	2	0	0	0	\$900		\$900
11B Shorebird Monitoring	0	0	0	0	0	0	0	0	0	0	0	\$0	\$8,500	\$8,500
11C Beach Tilling	0	3	0	0	0	0	0	0	0	0	0	\$375		\$375
11D Wintering Bird Monitoring	0	0	0	0	0	0	0	0	0	0	0	\$0	\$7,000	\$7,000
<b>TASK 12 - FIRST ANNUAL MONITORING REPORT</b>	0	0	0	0	0	0	0	0	1600	32	2	\$438		\$438
<b>TASK 13 - PERMIT MODIFICATION</b>	0	0	0	0	0	0	0	0	0	0	0	\$0		\$0
<b>TASK 14 - PROJECT ADMINISTRATION</b>	0	0	0	0	0	0	0	0	0	0	0	\$0		\$0
<b>TASK 15 - ANNUAL FUNDING REQUEST</b>	0	0	0	0	0	0	0	0	0	0	0	\$0		\$0
<b>TASK 16 - CONTINGENCIES</b>	0	0	0	0	0	0	0	0	184	70	2	\$212		\$212
<b>TOTALS</b>	\$200	\$375	\$200	\$2,800	\$3,000	\$400	\$1,200	\$200	\$357	\$243	\$140	\$9,115	\$25,500	\$35,615