



Board of County Commissioners

Administration - Building A

1801 27th Street

Vero Beach, Florida 32960

Telephone: (772) 567-8000 FAX: 772-778-9391

Project:

2019 Beach Profile Monitoring Surveys (Winter)

WORK ORDER NO. 8 (Hydrographic Surveying)

FOR

PROFESSIONAL SERVICES AGREEMENT

ANNUAL SURVEYING and MAPPING/GIS SERVICES

WITH

MORGAN AND EKLUND, INC

In accordance with Contract No. 1605 2018-2020

This Work Order No. 8 is in accordance with the existing AGREEMENT dated October 4, 2016 and as amended October 18, 2016, between Morgan and Eklund, Inc., (**SURVEYOR**) and Indian River County (**COUNTY**); This Work Order No. 8 amends the agreement as follows:

SECTION I – PROJECT LIMITS

This Work Order No. 8 is for the **SURVEYOR** to perform all related field and office Surveying and Mapping services in connection with the **2019 Beach Profile Monitoring Surveys (Winter)**; Florida Department of Environmental Protection Reference Monuments R-15 – R-119.

SECTION II - SCOPE OF SERVICES

As agreed upon between **SURVEYOR** and **COUNTY**, the **SURVEYOR** shall provide Professional Land Surveying services to complete all tasks as outlined in this Work Order No. 8; specifically detailed in the attached proposal Exhibit A.

SECTION III – TIME FOR COMPLETION & DELIVERABLES/WORK PRODUCT

1. Project shall be completed as follows:

- a. 100% "Paper" review submittal (final review prior to request for final deliverables) shall be made within 90 calendar days of receipt of Notice to Proceed for review by County Staff prior to preparing the final submittal package.
- b. Time of FINAL project completion shall be within 10 calendar days of receipt of the County's review comments from the 100% "Paper Submittal".

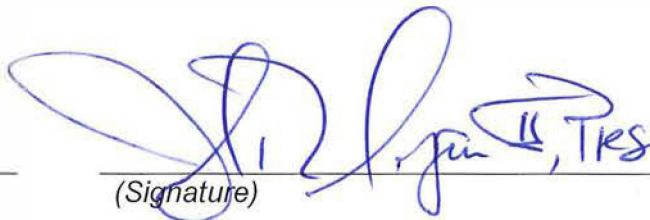
The AGREEMENT is hereby amended as specifically set forth herein. All remaining sections of the AGREEMENT shall remain in full force and effect, and are incorporated herein.

IN WITNESS WHEREOF the parties hereto have executed these presents this _____ day of _____ 2018.

**OWNER
BOARD OF COUNTY COMMISSIONERS
INDIAN RIVER COUNTY, FLORIDA**

Morgan and Eklund, Inc.

(Signature)
Bob Solari, Chairman


(Signature)

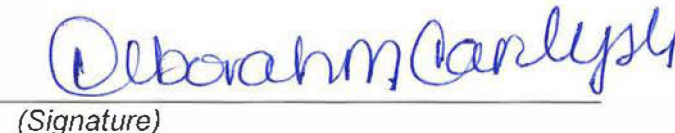
John R. Morgan, President
(Printed name and title)

Approved by BCC _____

**ATTEST:
Jeffrey R. Smith, Clerk of Court and
Comptroller**

Witnessed by:

(Seal) Deputy Clerk


(Signature)

Approved:

Jason E. Brown, COUNTY Administrator

Approved as to Form and Legal Sufficiency:

**William K. DeBaal, Deputy COUNTY
Attorney**

Exhibit A



Morgan & Eklund, Inc.

4909 US Highway 1
Vero Beach, Florida 32967

Phone: 772-388-5364
Fax: 772-388-3165

November 30, 2018
(Revised December 7, 2018)

Indian River County
Attn: Mr. James Gray, Jr.
Coastal Engineer
1801 27th Street, Building A
Vero Beach, FL 32960

**RE: 2019 Winter Semi-Annual Indian River County Coastal Monitoring Survey;
Onshore/Offshore Profiles along FDEP Range Lines R-15 to R-119 together with
Sector 7 Project Lines**

Dear James:

Morgan & Eklund, Inc. is pleased to provide you with the following proposal to furnish professional land and hydrographic survey services for the above referenced project.

Beach profiles will include R-15 through R-119 together with the intermediate lines for Sector 7, a total of 124 beach profile lines. All data collected will be in accordance with the FDEP-approved Physical Monitoring Plan. Morgan & Eklund, Inc. will provide the County with beach profile data in ASCII file format together with AutoCAD drawings signed by the surveyor. The survey will be performed in January/February 2019 with drawings and reports completed in April 2019.

Additionally, the landward occurrence of rock outcroppings will be identified along each profile line.

In accordance with the scope of work as provided, I estimate our costs to be as follows:

**I. Winter 2019 Sector 3 Beach and Dune Restoration Project Monitoring Survey
(R-15 to R-60)**

46 Onshore/offshore
profile lines @ \$550/line.....\$ 25,300.00

II. Winter 2019 Sector 7 (R-97 to R-108 together with R-99.5, 100.5, 101.25, 101.5, 101.75, 102.25, 102.5, 102.75, 103.25, 103.5, 103.75, 104.25, 104.5, 104.75, 105.25, 105.5, 105.75, 106.5 and 107.5)

31 Onshore/Offshore
profile lines @ \$550/line.....\$ 17,050.00

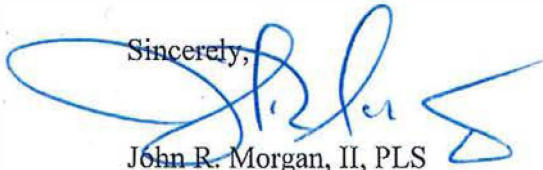
III. Winter 2019 Countywide Beach Monitoring (R-61 to R-96 and R-109 to R-119)

47 onshore/offshore
profile lines @ \$550/line.....\$ 25,850.00

Total Cost I-III.....\$ 68,200.00

As always, Morgan & Eklund, Inc. is looking forward to working with you and Indian River County on this project.

Sincerely,



John R. Morgan, II, PLS
President

JRM:dmc