

TASK ORDER APPROVAL FORM

CONTRACT #: C22-3221-TDD

TASK ORDER #: 2, Amendment No. 1

TASK ORDER AMOUNT: \$ 10,177.00

Task Order #2 = \$48,074
Amendment 1 = \$10,177
Total = \$58,251

OFFERED BY CONSULTANT:

MRD Associates, Inc.

FIRM'S NAME

Michael R. Dombrowski

REPRESENTATIVE'S PRINTED NAME

Michael R. Dombrowski

SIGNATURE

President

TITLE

05/22/2023

DATE

CONTRACT: C22-3221-TDD

MRD ASSOCIATES, INC.

COASTAL & ENVIRONMENTAL ENG SERVICES

EXPIRES: 08/15/2025 W/2 1 YR RENEWALS

RECOMMENDED FOR APPROVAL (Department Director)

CD signed for JA per attached delegation

Charlotte
Dunworth

Digitally signed by
Charlotte Dunworth
Date: 2023.06.01
07:39:15 -05'00'

Charlotte
Dunworth

SIGNATURE

TDD Director

TITLE

DATE

John Hofstad

Digitally signed by John
Hofstad
Date: 2023.06.02
11:13:43 -05'00'

COUNTY ADMINISTRATOR (if applicable)

DATE

APPROVED BY OKALOOSA COUNTY (Per Purchasing Manual) Table 1

DeRita
Mason

Digitally signed by DeRita
Mason
Date: 2023.06.02
06:11:05 -05'00'

PURCHASING MANAGER

DATE

Faye
Douglas

Digitally signed by Faye
Douglas
Date: 2023.06.02
10:58:13 -05'00'

OMB Director/DATE

DATE

CHAIRMAN (if applicable)

DATE

VIA EMAIL

May 22, 2023

Mr. Alex Fogg, Coastal Resource Manager
Tourist Development Department
Okaloosa County
1540 Miracle Strip Parkway
Fort Walton Beach, Florida 32548
afogg@myokaloosa.com



mrd associates, inc.

Coastal, Marina & Water Resources Engineering

543 Harbor Blvd., Suite 204
Destin, Florida USA 32541
850.654.1555 • (fax) 654.0550

Subject: COASTAL AND ENVIRONMENTAL ENGINEERING SERVICES
CONTRACT NUMBER: C22-3221-TDD
Task Order 2, Amendment No. 1 – *Destin Beach and Offshore Surveys 2023*

Dear Mr. Fogg,

At your request, attached is Task Order 2, Amendment No. 1 to add V- ½ monuments for the *Destin Beach and Offshore Surveys 2023* under the County's Contract Number C22-3221-TDD with MRD Associates, Inc.

If you have any questions, please feel free to give me a call at 850.654.1555.

Sincerely,

mrd associates, inc.

A handwritten signature in black ink that reads 'Michael R. Dombrowski'. The signature is written in a cursive style with a large, stylized 'M' and 'D'.

Michael Dombrowski, P.E.
Principal Engineer
md@mrd-associates.com

COASTAL AND ENVIRONMENTAL ENGINEER SERVICES
CONTRACT NUMBER C22-3221-TDD
Task Order 2, Amendment No. 1 – Destin Beach and Offshore Surveys 2023
½ V-Monuments
Scope of Work

This is Amendment No. 1 to Task Order 2, dated February 19, 2023, between MRD Associates, Inc. (MRD) and Okaloosa County (COUNTY). This Amendment will add 9 beach and offshore profile lines along the City of Destin segment and include 1/2 V-monuments from East Pass (R-17) to the east end of the Destin West beach nourishment project at R-26 (V-17.5, -18.5, -19.5, -20.5, -21.5, -22.5, -23.5, -24.5, and -25.5).

I. SCOPE OF WORK

Task 1.0 Beach and Offshore Profiles

Dewberry Engineers, Inc. (sub-contractor to MRD) will perform beach and offshore profile surveys from Monuments V-17.5 through V-25.5 (9 profiles) as shown in Figures 1 and 2. All work shall be conducted under the direct responsible charge of a Florida Licensed Professional Surveyor and Mapper and be in accordance with “Section 01000 Beach Profiling Topographic Surveying” and “Section 01100 Offshore Profile Surveying” specified in “Monitoring Standards for Beach Erosion Control Projects”, prepared by DEP, edited October 2014 (or later), as well as Chapter 5J-17, Florida Administrative Code (FAC). Vertical and horizontal data will be collected and presented in feet based upon the North American Vertical Datum of 1988 (NAVD 88) and Florida State Plane Coordinate System, North American Datum of 1983/1990 (NAD 83/90), respectively.

Beach profiles shall begin at least 200 feet landward of the R-monument and extend seaward to a reasonable wading depth. The beach profiles will be conducted using standard Real-Time Differential Global Positioning System (RTK/DGPS) surveying techniques. Elevations shall be taken at a maximum of 10-foot intervals along each profile line and at all grade breaks or major changes.

Offshore profiles shall extend a minimum of 3,000 feet seaward of the R-monument and have adequate overlap with the seaward limit of the wading survey. Soundings shall be obtained continuously along the offshore profiles and be acquired using a survey vessel with centrally located, hull-mounted transducer. Horizontal positioning will be acquired, and soundings obtained by RTK using a single-frequency fathometer and Trimble Real-time RTK/DGPS. Coastal Oceanographics’ “HYPACK” system will be used for vessel navigation, data collection/storage and for merging the beach and offshore data. All calibrations including fathometer, horizontal position, measurement of static draft, squat and settlement shall be conducted and documented in accordance with published requirements.

Upon completion of the surveys, the raw data will be reviewed and processed. Electronic spikes and/or other anomalies shall be removed and/or reconciled after comparison with fathometer charts.

The beach and offshore data will be merged and edited to form a continuous string of profile data and plotted along with historic profile lines. The bathymetric data will be contoured at appropriate scaled intervals and plotted. The Task 1.0 surveys will extend offshore beyond the depth of closure and will be used to calculate the shoreline position, and shoreline and volume changes and rates both above and below the MHWL.

II. INFORMATION TO BE PROVIDED BY THE COUNTY

The COUNTY will provide MRD with any survey data of the Study Area (beach and offshore surveys) in digital format, monitoring reports, and other relevant information.

III. ASSUMPTIONS AND EXCLUSIONS

This investigation will be limited to the services listed in Task 1.0.

IV. FEES AND EXPENSES, AND SCHEDULE

Total estimated Fees and Expenses for the described services shall be \$10,177.00.

The beach and offshore surveys will be performed in June 2023 – weather dependent and may commence within 2 weeks of receiving the Notice to Proceed and shall be conducted at the same time at the profiles approved in Task Order 2, dated February 19, 2023. The survey data will be processed and submitted to the COUNTY within 60 days of completion of the field surveys. Refer to the attached breakdown of fees.

Michael R. Dombrowski

Signature

May 22, 2023

Date

Michael Dombrowski, P.E., President
Printed Name, Title

REMAINDER OF PAGE INTENTIONALLY LEFT BLANK

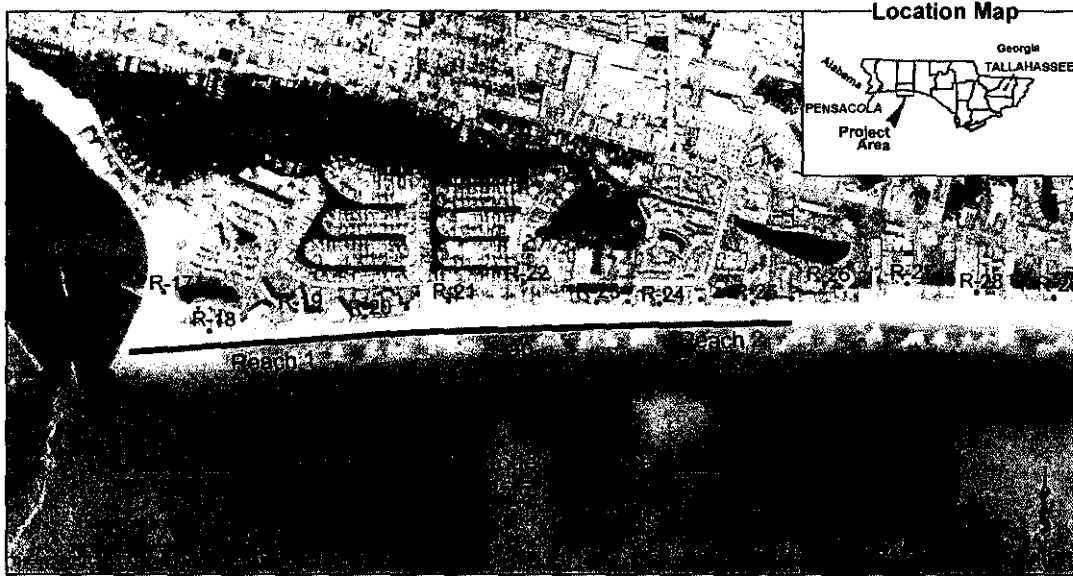


Figure 1. Destin West beach nourishment limits.

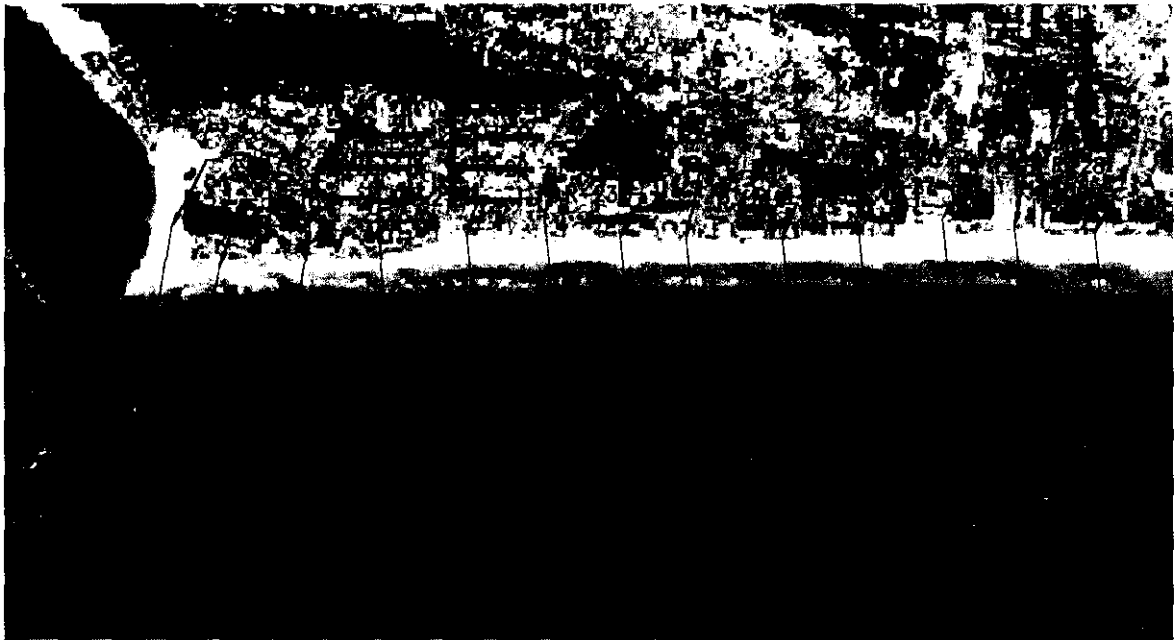


Figure 2. Destin West profile lines R-17 to R-26.

Kimberly McDonald

From: Alex Fogg
Sent: Wednesday, May 31, 2023 6:33 AM
To: Kimberly McDonald
Subject: Modification to pre-season surveys
Attachments: TO #2- \$48,074.pdf; 2023-05-22 Task Order 2 Amendment No. 1 - Destin-Oklaloosa Island Monitoring Surveys.pdf; 2023-05-22 Task Order 2 Amendment No. 1 Approval Form - MRD Associates.pdf

Follow Up Flag: Follow up
Flag Status: Flagged

Looks like our FEMA project is moving forward and we have to do a beach survey. As opposed to remobilizing, this is a good opportunity to tack the additional surveys on to the already scheduled mobilization. Good timing!

Can we modify MRDs Task 2 (attached) to add the additional survey lines? I attached the mod request and form.

Let me know.

Thanks!

Alex Fogg
Coastal Resource Manager
(850) 609-5394

**DESTIN
FORT
WALTON
BEACH
FLORIDA**

ALEX FOGG
Coastal Resources Manager
Destin-Fort Walton Beach, Florida
850.609.5394
1540 Miracle Strip Pkwy SE, Fort Walton Beach, FL 32548
destinfb.com

Please note: Due to Florida's very broad public records laws, most written communications to or from County employees regarding County business are public records, available to the public and media upon request. Therefore, this written e-mail communication, including your e-mail address, may be subject to public disclosure.