

**INDIAN RIVER COUNTY, FLORIDA
BOARD MEMORANDUM**

CONSENT

TO: Board of County Commissioners

THROUGH: John A. Titkanich, Jr., County Administrator

THROUGH: Eric Charest, Interim Natural Resources Director

SUBJECT: Amendment No. 1 Morgan and Eklund Workorder No. 4 for Post Significant Erosional Event Rapid Land and Hydrographic Beach Profile Surveys

DATE: April 11, 2024

DESCRIPTION AND CONDITIONS

On October 4, 2022, the Board of County Commissioners (BCC) approved a contract with Morgan and Eklund, Inc. (M&E) for Professional Land Surveying and Mapping Services for a two-year term. M&E is the selected County Consultant for professional onshore/offshore hydrographic surveying services.

As the coastline of Indian River County is subject to erosional impacts from high energy wind and wave events, accurate measurements of said impacts are essential in order for the County to seek potential funding sources to help defray the costs of potential dune/beach repair efforts. In accordance with the terms of the Professional Land Surveying and Mapping Services with M&E, the BCC approved Work Order (WO) No. 4 on June 6, 2023 for two (2) post-significant erosional event beach profile surveys (onshore/offshore) to quantify the dune/beach erosion impacts within the County's Beach Management Sectors 3 through 8 should a qualifying storm event take place.

Due to a relatively quiet storm season experienced here in Indian River County during 2023, no work was performed under M&E WO No. 4.

In order to remain prepared to collect beach profiles in a rapid fashion should a qualifying storm event impact the County, County staff have requested M&E amend WO No. 4 to reflect a no-cost extension to the terms of WO No. 4 allowing for those services to be performed during the current year (calendar year 2024) should the need arise.

Amendment No. 1 to WO No. 4 would allow for M&E to provide up to two (2) post-significant erosional event beach profile surveys (onshore/offshore) that would be used to quantify dune/beach erosion impacts to our County. The results of the surveys, if performed, would also be offered to the Florida Department of Environmental Protection and Federal agencies as documentation of losses if beach recovery funding becomes available.

County staff is seeking BCC approval for Amendment No. 1 to M&E WO No. 4 which reflects a no cost time extension for up to two (2) post-erosional beach profile surveys to be collected in

calendar year 2024 should the need arise. Approving Amendment No. 1 to M&E WO No. 4 would keep the County better positioned for a rapid response to a significant storm event.

FUNDING

Partial funding for this expenditure would come from FEMA project accounts that would be set-up once a storm or erosional event is identified and a Project Worksheet (PW) is written. Any remaining funds necessary to cover this expense would be provided by the Beach Restoration Fund.

RECOMMENDATION

The recommendation of staff is for the BCC to approve Amendment No. 1 to WO No. 4 under the Professional Land Surveying and Mapping Services contract with Morgan and Eklund, Inc., and authorize the Chairman to sign the Amendment on behalf of the County. Amendment No. 1 represents a no cost time extension to the terms identified in the BCC approved WO No. 4. The Natural Resources Department's Coastal Engineering Division staff will not authorize the contractor to perform any surveys covered in this Work order unless field conditions justify the expenditure.

ATTACHMENTS

1. Morgan and Eklund Post-Hurricane WO No. 4
2. Amendment No. 1 to WO No. 4

APPROVED AGENDA ITEM FOR: April 23, 2024