

**INDIAN RIVER COUNTY, FLORIDA
BOARD MEMORANDUM**

CONSENT AGENDA

TO: Jason E. Brown
County Administrator

THROUGH: Richard B. Szpyrka, P.E.
Public Works Director

FROM: James D. Gray, Jr.
Natural Resources Manager

SUBJECT: **Work Order No. 6 Morgan & Eklund, Inc.
Sector 5 Beach and Dune Restoration Project – Erosion Control Line
Survey**

DATE: April 16, 2018

DESCRIPTION AND CONDITIONS

On October 4, 2016, the Board approved a contract with Morgan and Eklund, Inc. (M&E) for Professional Land Surveying and Mapping Services for a two-year term. The Board amended the Contract on October 18, 2016. M&E is the selected County Consultant for professional onshore/offshore hydrographic surveying services.

The Sector 5 project area is a 3 mile section of shoreline that extends just north of Tracking Station Beach Park south to the Gables Oceanfront Condominiums. The majority of the project area is located within the City of Vero Beach's jurisdiction with the exception of Tracking Station Park and the Florida Tech Marine Lab residing in unincorporated Indian River County.

As a part of the permitting process for the Sector 5 Beach and Dune Restoration Project, the State requires that an Erosion Control Line (ECL) be established over the entire project area. The ECL identifies the location of Mean High Water (MHW) level within the project area, the traditional dividing line between private property to landward and public property to seaward. Once an ECL is established, it becomes the new dividing line between public and private property, ensuring that new beach land created seaward of the previous MHW line is public property in perpetuity.

The proposed Work Order No. 6 is for a lump sum amount of \$20,000 and provides professional surveying services necessary to establish an ECL for the Sector 5 Beach and Dune Restoration Project.

FUNDING

Local funding of Beach Restoration includes a portion of Local Option Tourist Tax Revenue as well as allocation of the One Cent Sales Tax. Funding is budgeted and available for the Sector 5 Beach Restoration Project in the Beach Restoration Fund, Hurricane Matthew Account - Sector 5, No. 12814472-066510-17001.

With the issuance of FEMA Project Worksheet (No. IRGAG04 – Hurricane Matthew, FEMA 4283-DR-FL), project related design, permitting, and construction expenses are eligible for up to 87.5% in Federal and State cost share. FEMA funds are currently in que to be obligated.

Additionally, although a Florida Department of Environmental Protection grant funding has not been appropriated for the Sector 5 Beach and Dune Restoration Project to date, Work Order No. 2018029-1 is eligible for 46.65% cost share reimbursement if State funds become available.

RECOMMENDATION

The recommendation of staff is for the Board to approve Work Order No. 6 to the Professional Land Surveying and Mapping Services contract with Morgan and Eklund, Inc. and authorize the Chairman to sign on behalf of the County.

ATTACHMENT

Morgan and Eklund, Inc. Work Order No. 6

APPROVED AGENDA ITEM FOR: MAY 1, 2018