

**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.
Coastal Engineer

SUBJECT: **Work Order No. 2 Morgan & Eklund, Inc.
2017 Beach Profile Monitoring Surveys (WINTER)**

DATE: December 22, 2016

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 County's Beach Preservation Plan recommends semiannual beach profile surveys in order to monitor the seasonal, summer and winter, fluctuations of the beach. The proposed Work Order No. 2 provides winter-time countywide hydrographic surveying (beach profile) services as part of the County's beach monitoring program.

All onshore and offshore beach profile surveys are conducted along The Florida Department of Environmental Protection (FDEP) Range Monuments at approximately 1,000 foot intervals (alongshore) and extend from the vegetated dune seaward to a location approximately -40 feet offshore (crossshore).

Work Order No. 2 totals a lump sum amount of \$55,000.

Please note:

The Sebastian Inlet District (District), as part of their Inlet Management Plan, conducts semiannual beach profile surveys along the northern 5.6 miles of the County. The District continues to partner with the County and has agreed to provide their certified 2017 beach profile survey data (winter and summer) to the County, resulting in a complete 22.4 mile countywide (semiannual) beach profile survey and a combined annual savings of approximately \$33,000 to the County.

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 for winter beach profile surveying is budgeted and available in the Beach Restoration Fund, Other Professional Services Account No. 12814472-033190-01024.

RECOMMENDATION

The recommendation of staff is for the Board to approve Work Order No. 2 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. 2 (1 original copy)

APPROVED AGENDA ITEM FOR: JANUARY 10, 2017