

**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. 2018007–1, Coastal Technology Corporation
Sector 7 Beach and Dune Renourishment – Design and Permitting**

DATE: February 8, 2018

DESCRIPTION AND CONDITIONS

On January 9, 2018, the Board approved a contract with Coastal Technology Corporation (Coastal Tech) for professional coastal engineering and biological support services related to the management and renourishment of the Sector 7 (Porpoise Point) beach project area.

The Sector 7 project area is a 2.2 mile section of shoreline that extends from Seagrove south to the Moorings in the southern portion of the County. The Sector 7 project area sustained damage from Hurricane Matthew (2016) and Hurricane Irma (2017) and is in need of a large scale beach and dune nourishment project to maintain protection to upland properties and infrastructure.

The County has received a fully signed Federal Emergency Management Agency (FEMA) Project Worksheet (No. IRGAG05 – Hurricane Matthew) and is currently developing a Project Worksheet with FEMA in order to replace Hurricane Irma associated storm losses within the project area.

The proposed Work Order No. 2018007-1 includes nine (9) separate tasks pertaining to the design and permitting of the Sector 7 Beach and Dune Renourishment Project.

Work Order No. 2018007-1 is for a lump sum amount of \$256,435.

Work orders related to preconstruction monitoring, bidding, and construction phase services will be addressed through subsequent work orders.

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 7 Beach Renourishment Project in the Beach Restoration Fund, Other Professional Services – Hurricane Matthew Account No.12814472-033190-17001.

With the issuance of FEMA Project Worksheet (No. IRGAG05 – Hurricane Matthew), project related design, permitting, and construction expenses are eligible for up to 87.5% in Federal and State cost share.

RECOMMENDATION

The recommendation of staff is for the Board to approve Work Order No. 2018007-1 to the contract with Coastal Technology Corporation and authorize the Chairman to sign on behalf of the County.

ATTACHMENT

Coastal Technology Corporation Work Order No. 2018007-1

APPROVED AGENDA ITEM FOR: FEBRUARY 20, 2018