

**INDIAN RIVER COUNTY, FLORIDA
BOARD MEMORANDUM**

CONSENT

TO: Jason E. Brown, County Administrator

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

FROM: Eric Charest, Natural Resource Manager

SUBJECT: **Work Order No. 2018029-7 APTIM: Sector 5 Additional Dune Planting - Dune Vegetation Services**

DATE: September 10, 2021

DESCRIPTION AND CONDITIONS

On April 3, 2018, the Board approved a contract with APTIM Environmental & Infrastructure, LLC (Aptim) for professional coastal engineering and biological support services related to the management and restoration of the Sector 5 (City of Vero Beach) beach project area. 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 Sector 5 project area sustained damage from Hurricane Matthew (2016), Hurricane Irma (2017) and Hurricane Dorian (2019). In response to the damage, the County completed the Sector 5 Beach and Dune Restoration Project in the winter of 2020 in order to maintain protection to upland properties and infrastructure. Additional FEMA Funding was made available to the County for future storm mitigation efforts pertaining to the Sector 5 Beach and Dune Restoration Project in order to aid in the preservation of the dunes through additional planting of native dune vegetation.

The proposed Work Order No. 2018029-7, in the amount of \$48,021.00, provides professional services in support of dune vegetation design, plans and specifications, construction administration, and certification of completion of the Sector 5 Additional Dune Planting Project. Staff worked with APTIM to reduce Work Order No. 2018029-7 costs where possible and feasible.

FUNDING

Funding for Work Order No. 2018029-7 APTIM: Sector 5 Additional Dune Planting - Dune Vegetation Services in the amount of \$48,021.00 is budgeted and available in the Beach Restoration Fund, Hurricanes Matthew, Hurricane Irma and Hurricane Dorian Account - Sector 5, No. 12814472-066510-17001.

Account Name	Account No.	Amount
Sector 5 Beach Renourishment	12814472-066510-17001	\$48,021.00

RECOMMENDATION

The recommendation of staff is for the Board to approve Work Order No. 2018029-7, in the amount of \$48,021.00, with APTIM Environmental & Infrastructure, LLC, and to authorize the Chairman to sign on behalf of the County.

ATTACHMENT

1. Work Order 2018029-7 Execution Agreement
2. APTIM Work Order No. 2018029-7

APPROVED AGENDA ITEM FOR: SEPTEMBER 21, 2021