

**INDIAN RIVER COUNTY, FLORIDA
BOARD MEMORANDUM**

CONSENT

TO: Board of County Commissioners

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

PREPARED BY: Eric Charest, Interim Natural Resources Director

SUBJECT: Sector 4 Hurricanes Ian and Nicole Dune Restoration Project, Coastal Tech Work Order No. 2023051-02, Design, Permitting, and Bidding Services

DATE: September 22, 2023

DESCRIPTION AND CONDITIONS

On August 29, 2023, the Board of County Commissioners (Board) approved a contract with Coastal Technology Corporation (Coastal Tech) for professional coastal engineering and biological support services related to the management and dune restoration of the Sector 4 beach project area.

The Sector 4 project area is a 2.9 mile section of shoreline that extends from Florida Department of Environmental Protection (FDEP) Reference Monument R-55 in the north (approximately ½ mile south of the Turtle Trail Beach Access) to R-70 in the south (approximately ½ mile north of the Tracking Station Beach Park). The Sector 4 project area sustained damage from Hurricanes Ian and Nicole in late 2022 and is in need of a large-scale dune restoration project to maintain protection to upland properties and infrastructure.

The proposed Work Order No. 2023051-02 will build upon the conceptual design and pre-application efforts performed by Coastal Tech under Work Order 2023051-01. Work Order No. 2023051-02 includes three (3) separate tasks pertaining to the final design, obtaining the necessary permitting and also providing bidding services to the County for the Sector 4 Hurricanes Ian and Nicole Dune Restoration Project.

Work Order No. 2023051-02 is for a lump sum amount of \$79,630.00.

Work orders related to construction phase services will be addressed through subsequent work orders.

FUNDING

Funding in the amount of \$17,518.60 will come from the Coastal Engineering Fund/CIP/Hurricane Ian – Sector 4 account number 12814472-066515-22601, along with \$62,111.40 from the Coastal Engineering Fund/CIP/Storm Nicole – Sector 4 account number 12814472-066515-23007.

Account Name	Account No.	Amount
Coastal Engineering Fund/CIP/Hurricane Ian – Sector 4	12814472-066515-22601	\$17,518.60
Coastal Engineering Fund/CIP/Hurricane Nicole – Sector 4	12814472-066515-23007	\$62,111.40

RECOMMENDATION

The recommendation of staff is for the Board to approve Work Order No. 2023051-02 to the contract with Coastal Technology Corporation and authorize the Chairman to sign on behalf of the County.

ATTACHMENT

1. Coastal Tech Work Order No. 2023051-02
2. Work Order No. 2023051-02 Agreement Execution

APPROVED AGENDA ITEM FOR: OCTOBER 3, 2023