

**INDIAN RIVER COUNTY, FLORIDA  
MEMORANDUM**

**TO:** Board of County Commissioners

**THROUGH:** John Titkanich, Jr. County Administrator  
Kylie Yanchula, Natural Resources Department Director

**FROM:** Eric Charest, Natural Resources Department Assistant Director

**SUBJECT:** **Sector 4, Hurricanes Ian and Nicole Pre-Construction Late Season Sea Turtle Services, Coastal Technology Work Order No. 2023051-03**

**DATE:** August 8, 2024

**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. 2023051-03 from Coastal Tech covers late season sea turtle services required in advance of on-beach construction efforts. Work Order No. 2023051-03 for late season sea turtle services will be performed only after approval from the Florida Fish and Wildlife Services authorization and will not exceed \$41,776.40.

**FUNDING**

Partial funding for the Sector 4 Hurricanes Ian and Nicole Repair Dune Repair project in the amount of \$2,376,000.00 is made available through the FDEP Local Governmental Funding Requests (LGFR) reimbursement grant 23IR2, with an additional \$2,000,000.00 in funding awarded to the County through a State of Florida Legislatively approved Division of Emergency Management Grant Agreement.

Funding in the amount of \$9,190.81 will come from the Coastal Engineering Fund/CIP/Hurricane Ian – Sector 4 account number 12814472-066515-22601, along with \$32,585.59 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 | \$ 9,190.81 |
| Coastal Engineering Fund/CIP/Hurricane Nicole – Sector 4 | 12814472-066515-23007 | \$32,585.59 |

**RECOMMENDATION**

The recommendation of staff is for the Board to approve Work Order No. 2023051-03 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. 2023051-03
2. 2023051-03 Fee Schedule
3. Work Order No. 2023051-03 Agreement Execution

**APPROVED AGENDA ITEM FOR: AUGUST 20, 2024**