

**INDIAN RIVER COUNTY, FLORIDA  
BOARD MEMORANDUM**

**DEPARTMENTAL**

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**TO:** Board of County Commissioners

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

**PREPARED BY:** Quintin Bergman, Coastal Resources Manager

**SUBJECT:** Sector 4 Hurricanes Ian and Nicole Dune Renourishment Project

**DATE:** September 10, 2024

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**DESCRIPTION AND CONDITIONS**

The proposed project award is for a construction contract between the County and Dickerson Infrastructure, Inc., dba Dickerson Florida, Inc. for the Sector 4 Hurricanes Ian and Nicole Dune Renourishment Project (Sector 4 Project).

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 erosional 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, while restoring habitat for wildlife. Construction activities on the beach are limited to occur only between November 1<sup>st</sup> and April 30<sup>th</sup> each year, this avoids the bulk of the sea turtle nesting and hatching season. Construction on the Sector 4 Project is anticipated to occur during the 2024/2025 construction window.

The Sector 4 Project will place approximately 135,000 cubic yards of beach compatible sand fill and install approximately 147,788 native dune plants along 2.9 miles of shoreline in Indian River County from FDEP range monuments R55 to R70.

On August 4, 2024, the County advertised the project, soliciting bids to construct the Sector 4 Project using sand obtained from either (a) an upland sand source pre-qualified by the County, and/or (b) an upland sand source separately approved by the Florida Department of Environmental Protection.

The bid opening was held on September 4, 2024 with one (1) initially responsive bid having been received. All supporting bid documents are on file and available for viewing in the Natural Resources Department.

County staff, with support from the County's engineering consultant for the project, Coastal Technology Corporation (Coastal Tech) reviewed the bids. Dickerson Infrastructure, Inc., dba Dickerson Florida, Inc., is considered the be the lowest, responsive, responsible bidder for the project with a bid totaling \$6,676,566.80.

Partial funding for the Sector 4 Hurricanes Ian and Nicole Dune Renourishment Project will be made available through FDEP’s Hurricanes Ian and Nicole Recovery Project Grant 23IR2 in the amount of \$2,376,000.00, and Florida Division of Emergency Management Legislatively Approved Grant Agreement D1495 in the amount of \$2,000,000.00. The County has requested additional funds that are being made available by the FDEP through unused portions of the Hurricane Ian and Nicole Restoration Reimbursement Grant Program (HRRGP). The County has applied for an additional \$1,624,000.00 in HRRGP funds that are available on a first-come, first-served basis for reimbursement. Review of the County’s HRRGP Grant application is underway by the FDEP, and we remain hopeful that a portion if not the entire amount of the County’s request will be allocated and remain available for reimbursement. These grants altogether equal \$6,000,000, which would leave the County’s funded portion \$676,566.80.

<b>Funding Source</b>	<b>Amount</b>
FDEP Grant 23IR2	\$2,376,000.00
DEM Grant D1495	\$2,000,000.00
Potential HRRGP Funding*	\$1,624,000.00
County Share	\$ 676,566.80
<i>County Share (if HRRGP NOT Granted)</i>	<i>\$2,300,566.80</i>
<b>Total Funding</b>	<b>\$6,676,566.80</b>

\* Reflects estimated amounts based on FDEP approval of IRC Grant application and availability of funds at the time of reimbursement request. Actual amounts may vary based on costs incurred.

**FUNDING**

Local funding for beach restoration is provided by a portion of Tourist Tax. With the current awarded grants, the County’s estimated share for construction of the Sector 4 Hurricanes Ian and Nicole Dune Restoration Project is potentially as high as \$2,300,566.80, which is budgeted and available in Coastal Engineering Fund/CIP/Hurricane Ian - Sector 4, Account # 12814472-066515-22601 (22%) and from the Coastal Engineering Fund/CIP/Storm Nicole – Sector 4 account number 12814472-066515-23007 (78%). If the HRRGP Grant is awarded, the total County share will be \$676,566.80, which split amongst the same accounts with the same 22%/78% split.

**Funding without HRRGP Grant:**

<b>Account Name</b>	<b>Account No.</b>	<b>Amount</b>
Coastal Engineering Fund/CIP/Hurricane Ian – Sector 4	12814472-066515-22601	\$506,124.70
Coastal Engineering Fund/CIP/Hurricane Nicole – Sector 4	12814472-066515-23007	\$1,794,442.10
<b>Total</b>		<b>\$2,300,566.80</b>

**Funding with HRRGP Grant:**

<b>Account Name</b>	<b>Account No.</b>	<b>Amount</b>
Coastal Engineering Fund/CIP/Hurricane Ian – Sector 4	12814472-066515-22601	\$148,844.70
Coastal Engineering Fund/CIP/Hurricane Nicole – Sector 4	12814472-066515-23007	\$527,722.10
<b>Total</b>		<b>\$676,566.80</b>

**RECOMMENDATION**

Staff recommends that the Sector 4 Hurricanes Ian and Nicole Dune Restoration Project (Bid 2025004) be awarded to Dickerson Infrastructure, Inc., dba Dickerson Florida, Inc., in the amount of \$6,676,566.80 and requests that the Board of County Commissioners approve the sample agreement and authorize the Chairman to execute said agreement after review and approval of the agreement by the County Attorney as to form and legal sufficiency, and after receipt and approval of the required public construction bond and insurance.

**ATTACHMENT**

1. Sample Agreement
2. Coastal Tech Bid Recommendation Letter 2024-09-06

**APPROVED AGENDA ITEM FOR September 24, 2024**