

**INDIAN RIVER COUNTY, FLORIDA  
BOARD MEMORANDUM**

**DEPARTMENTAL**

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**TO:** Board of County Commissioners

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

**PREPARED BY:** Eric Charest, Interim Natural Resources Director

**SUBJECT:** Sector 3 Hurricanes Ian and Nicole Dune Renourishment Project

**DATE:** October 26, 2023

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The proposed project award is for a construction contract between the County and Dickerson Infrastructure, Inc., dba Dickerson Florida, Inc. for the Sector 3 Hurricanes Ian and Nicole Dune Restoration Project.

Sector 3 encompasses approximately 6.6 miles of coastline in North Beach, the Town of Orchid, Wabasso Beach, Indian River Shores, and unincorporated Indian River County. Sector 3 dunes sustained erosional damage from Hurricane Ian and Nicole in late 2022. The Sector 3 Hurricanes Ian and Nicole Dune Renourishment project was designed to restore sand losses to the dune from these storms by placing beach compatible sand and native salt-tolerant dune plants along the 6.6 mile stretch from the Seaview subdivision in the north to just south of the Turtle Trail beach access. To avoid the sea turtle nesting season, construction activities on the beach are required to take place between November 1<sup>st</sup> and April 30<sup>th</sup> of each year. Construction on the Sector 3 dune renourishment project is to take place in the 2023/2024 construction window. This agenda item addresses the proposed award of bid for the Sector 3 Hurricanes Ian and Nicole Dune Renourishment Project.

The Sector 3 project consists of restoration of the dune to the approximately 6.6 mile stretch of the County's Sector 3 Beaches. The construction project for Sector 3 will place approximately 274,368 cubic yards of beach compatible sand fill and install approximately 728,633 native dune plants along 6.6 miles of shoreline in Indian River County from FDEP range monuments R20 to R55 (Seaview subdivision in the north continuing south to south of the Turtle Trail Beach access).

On September 17, 2023, the County advertised the project, soliciting bids to restore the dunes for the Sector 3 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 October 18, 2023 with seven (7) initially responsive bids having been received. All supporting bid documents are on file and available for viewing in the Natural Resources Works Department

County staff, with support from the County's engineering consultant for the project, Aptim Environmental & Infrastructure, LLC (APTIM) 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 \$13,078,244.36.

Bidders Name	Location	Total Bid Amount
Dickerson Infrastructure Inc., dba Dickerson Florida Inc.	Fort Pierce, FL	\$13,078,244.36
Guettler Brothers Construction LLC	Fort Pierce, FL	\$14,920,878.55
Eastman Aggregate Enterprises, LLC	Lake Worth, FL	\$16,247,187.61
Rio-Bak Corporation	Wellington, FL	\$18,035,000.00
Baker Construction, Inc.	St. Johns, FL	\$18,973,606.65
Phillips and Jordan, Inc.	San Antonio, FL	\$23,139,719.56
Ahtna Marine & Construction Company, LLC	Boynton Beach, FL	\$23,304,715.75

**FUNDING**

Although finalized Project Worksheets from FEMA have yet to be received by the County, it is anticipated that partial funding for the Sector 3 Hurricanes Ian and Nicole Dune Renourishment Project will be made available through FEMA (75%), FDEM (12.5%), and FDEM’s SB4 Waiver (12.5%) funding as shown in the table below (estimated) total \$6,867,224. Additionally, an FDEP Local Governmental Funding Request (LGFR) grant is also made available for this project in the amount of \$2,656,800. FDEP LGFR 23IR2 allows for the County to pursue reimbursement for costs associated with Sector 3 Dune construction. These grants all together equal \$9,524,024, with the remaining \$3,554,220.36 to be covered by the County, for a total project cost of \$13,078,244.36.

Outside Funding Sources	Gross Amount	Reimbursement Amount
FEMA Hurricane Ian*	\$1,510,789	FEMA - \$1,133,092 State Share - \$188,849 FDEM SB4 Waiver - \$188,848
FEMA Hurricane Nicole*	\$5,356,435	FEMA - \$4,017,326 State Share - \$669,555 FDEM SB4 Waiver - \$669,554
FDEP Grant 23IR2	\$2,656,800	\$2,656,800
<b>Total Funding</b>	<b>\$9,524,024</b>	<b>\$9,524,024</b>
<i>Indian River County’s Remaining Share</i>		<i>\$3,554,220.36</i>
<b>Total Project Cost</b>		<b>\$13,078,244.36</b>

\* Reflects estimated amounts based on expected Project Worksheets to be obtained from FEMA. Actual amounts may vary based on costs incurred.

Although the table reflects a County share of \$3,554,220.36, the County currently has a Local Government Funding Request grant application in review with the Florida Department of Environmental Protection in which the County is seeking an additional \$3,774,503 in 50/50 cost share funding. Review of the LGFR 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. If this grant is awarded, the maximum County responsibility could be lowered to \$1,777,110.18.

**Local Cost-Share:**

Local funding for beach restoration is provided by a portion of Local Option Tourist Tax. With the current awarded grants, the County’s estimated funding for construction of the Sector 3 Hurricanes Ian and Nicole Dune Restoration Project is \$3,554,220.36, which is budgeted and available in Coastal Engineering Fund/CIP/Hurricane Ian - Sector 3, Account # 12814472-066514-22601 (22%) and from the Coastal Engineering Fund/CIP/Storm Nicole – Sector 3 account number 12814472-066514-23007 (78%).

<b>Account Name</b>	<b>Account No.</b>	<b>Amount</b>
Coastal Engineering Fund/CIP/Hurricane Ian – Sector 3	12814472-066514-22601	\$781,928.48
Coastal Engineering Fund/CIP/Hurricane Nicole – Sector 3	12814472-066514-23007	\$2,772,291.88
<b>Total</b>		<b>\$3,554,220.36</b>

**RECOMMENDATION**

Staff recommends that the Sector 3 Hurricanes Ian and Nicole Dune Restoration Project (Bid 2024004) be awarded to Dickerson Infrastructure, Inc., dba Dickerson Florida, Inc., in the amount of \$13,078,244.36 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. APTIM Bid Recommendation Letter 23-1023

**APPROVED AGENDA ITEM FOR November 7, 2023**