

**INDIAN RIVER COUNTY, FLORIDA  
BOARD MEMORANDUM**

**CONSENT**

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**TO:** Jason E. Brown, County Administrator

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

**THROUGH:** Eric Charest, Natural Resources Manager

**SUBJECT:** Hurricane Ian Storm Impact Assessments – Sectors 3, 5 and 7

**DATE:** October 3, 2022

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**DESCRIPTION AND CONDITIONS**

On April 17, 2018, the Board of County Commissioners (BCC) approved the Continuing Contract Agreement for Continuing Engineering Services with Aptim Environmental & Infrastructure, LLC (APTIM) for professional coastal engineering support services. The original contract was for three (3) years with an option for one (1) two-year extension at the County’s discretion. This contract was renewed on May 18, 2021 for the two (2) year extension.

Hurricane Ian passed to the west of Indian River County on September 28, 2022 before exiting the state through Brevard County to our north. Although the County was spared a direct hit from Hurricane Ian, the storm had significant impacts in the form of beach and dune erosion on much of the County’s beaches. After exiting the state, Hurricane Ian continued to stir up high surf as it made its’ way up the Atlantic coastline towards South Carolina. The increased wave activity and high surf created by Hurricane Ian in the Atlantic Ocean caused varying amounts of erosion to occur throughout the County’s beaches, including areas where significant dune retreat was observed.

The proposed Work Order No. 2018008-05 from APTIM provides the support with the County’s efforts to coordinate for post-disaster relief funding from the FEMA Public Assistance Program (Category G) as related to the County’s Sectors 3, 5 and 7 beaches.

Under Work Order No. 2018008-05, APTIM will calculate volumetric and contour changes from beach surveys collected pre- and post-Hurricane Ian by the County’s surveyor (Morgan and Eklund). A storm impact assessment report will be provided for each of the subject project areas which will include repair cost estimates and survey profile plots.

Work Order No. 2018008-05 is anticipated to be completed within 60 days of the post-storm survey profiles which is to be collected by Morgan and Eklund under a separate Work Order. APTIM’s cost for Work Order No. 2018008-05 is a fixed price of \$22,500.00.

**FUNDING**

Funding for this expenditure will be from the Other Professional Services – Hurricane Ian #DR4673, Account # 12814472-033190-22601.

Account Name	Account No.	Amount
Beach Restoration Fund/Other Professional Services Hurricane Ian #DR-4673	12814472-033190-22601	\$22,500.00

**RECOMMENDATION**

Staff recommends the Board of County Commissioners approve Work Order No. 2018008-05 in the amount of \$22,500.00 for Hurricane Ian damage assessment reports for Sectors 3, 5 and 7 under the continuing services agreement with APTIM, and authorize the Chairman to sign the Work Order on behalf of the County.

**ATTACHMENTS**

1. APTIM Work Order No. 2018008-05
2. Work Order No. 2018008-05 Agreement Execution

**APPROVED AGENDA ITEM FOR: October 11, 2022**