

**INDIAN RIVER COUNTY, FLORIDA
MEMORANDUM**

TO: Jason E. Brown, County Administrator

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

FROM: Eric Charest, Natural Resources Manager

SUBJECT: Amendment No. 1 to APTIM Work Order No. 2018008-03, Sebastian Inlet Technical Advisory Committee Assistance

DATE: June 24, 2022

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.

The Florida Department of Environmental Protection (FDEP) has convened the Sebastian Inlet Technical Advisory Committee (TAC) to address questions and comments regarding the Sebastian Inlet's sediment budget and findings reported in the FDEP 2021 Annual Inlet Report. Indian River County's representative on the TAC is the Public Works Director, Richard Szpyrka, P.E., with the Natural Resources Manager, Eric Charest serving as the alternate. As participation on the TAC requires extensive coastal engineering data analysis and review, the BCC approved entering into Work Order No. 2018008-03 with APTIM on November 9, 2021 to provide the County with technical assistance from coastal engineering experts familiar with beach design in the northern part of the County.

Since the formation of the Sebastian Inlet TAC, there have been 2 (two) meetings held in a public forum where panel experts have been discussing the history of sand movement in and around the Sebastian Inlet. As a result of TAC Meeting No. 2 held on June 1, 2022, the County's TAC representatives are requesting that the scope of work APTIM is providing under Work Order No. 2018008-03 be expanded to include a larger focus area in order to more closely examine the sediment transport along the Atlantic Coastline in an area broader than what the Sebastian Inlet District and their consultants have investigated.

APTIM has prepared Amendment No. 1 for Work Order No. 2018008-03 to provide this service to the County. Total lump sum cost provided by APTIM for Amendment No. 1 to Work Order No. 2018008-03 is \$7,620.00. This would increase the total cost for APTIM's professional services in support of the County's efforts on the Sebastian Inlet TAC under Work Order No. 2018008-03 to \$20,674.00

FUNDING

Funding for Amendment No. 1 under the coastal engineering support services is budgeted and available in the Beach Restoration Fund/Other Professional Services, Account No. 12814472-033190.

Account Name	Account No.	Amount
Beach Restoration Fund/Other Professional Services	12814472-033190	\$7,620.00

RECOMMENDATION

Staff recommends the Board of County Commissioners approve Amendment No. 1 to APTIM Work Order No. 2018008-3 in the amount of \$7,620.00 for expanded technical coastal engineering services associated with the support of the County’s participation in the Sebastian Inlet Technical Advisory Committee. In addition, staff recommends that the Board authorize the Chairman to execute Amendment No. 1 to Work Order No. 2018008-3.

ATTACHMENT

1. Amendment No. 1 to Work Order No. 2018008-3
2. Amendment No 1 TO WO 2018008-03 Execution

APPROVED AGENDA ITEM FOR JULY 5, 2022