

**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

**FROM:** Kendra Cope, M.S.  
Coastal Resources Coordinator

**SUBJECT:** **Work Order No. 2018029-3 APTIM Environmental & Infrastructure, Inc  
Sector 5 Beach and Dune Restoration Project – Construction Easements**

**DATE:** February 19, 2019

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**DESCRIPTION AND CONDITIONS**

On April 3, 2018, the Board approved a contract with APTIM Environmental & Infrastructure, Inc. (Aptim) for professional coastal engineering and biological support services related to the management and restoration of the Sector 5 (City of Vero Beach) beach project area.

The Sector 5 project area is a 3 mile section of shoreline that extends just north of Tracking Station Beach Park south to the Gables Oceanfront Condominiums. The Sector 5 project area sustained damage from Hurricane Matthew (2016) and Hurricane Irma (2017) and is in need of a large-scale beach and dune nourishment project to maintain protection to upland properties and infrastructure. The County is required to obtain executed construction easements from each potentially affected property owner within the project limits. The background/basis of issuance section of the Notice of Intent states that “there may be areas where the construction activity may affect upland properties, in such instances, construction easements from the affected upland property owners will be obtained prior to any work being done on their property.”

The County has been issued two Project Worksheets (PW) by FEMA for Sector 5 beach re-nourishment. The Hurricane Matthew PW #808 has been obligated and the Hurricane Irma PW #3025 is under FEMA/Environmental Planning & Historic Preservation Review (EHP). This FEMA funding will aid the County is recovering associated storm losses within the project area.

The proposed Work Order No. 2018029-3 includes one (1) task related to pre-construction permit requirements. Specifically, Work Order No. 2018029-3 addresses the consultant, APTIM, compiling, disseminating and obtaining signed Construction Easement Packages. All work will be completed at a fixed rate cost not to exceed \$17,904.00.

### **FUNDING**

Local funding of Beach Restoration includes a portion of Local Option Tourist Tax Revenue as well as allocation of the One Cent Sales Tax. Funding for \$17,904.00 is budgeted and available for the Sector 5 Beach Restoration Project in the Beach Restoration Fund, Hurricane Matthew Account - Sector 5, No. 12814472-066510-17001.

With the issuance of FEMA Project Worksheets (No.00808 – Hurricane Matthew, No.3025 – Hurricane Irma), project related design, permitting, and construction expenses are eligible for up to 87.5% in Federal and State cost share.

Additionally, although a Florida Department of Environmental Protection grant funding has not been appropriated for the Sector 5 Beach and Dune Restoration Project to date, Work Order No. 2018029-2 is eligible for 46.65% cost share reimbursement if State funds become available.

### **RECOMMENDATION**

The recommendation of staff is for the Board to approve Work Order No. 2018029-3 to the contract with APTIM Environmental & Infrastructure, Inc. and authorize the Chairman to sign on behalf of the County.

### **ATTACHMENT**

APTIM Work Order No. 2018029-3

### **APPROVED AGENDA ITEM FOR: MARCH 5, 2019**