

**INDIAN RIVER COUNTY, FLORIDA  
BOARD MEMORANDUM**

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

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

**THROUGH:** James D. Gray, Jr. M.S.,  
Natural Resources Manager

**FROM:** Kendra Cope, M.S.,  
Coastal Environmental Specialist

**SUBJECT:** **Work Order No. 2018006-1 APTIM Environmental and Infrastructure,  
Inc.  
Sector 3 Beach Restoration Project  
2018 Post Construction Sea Turtle Monitoring Services**

**DATE:** February 9, 2018

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**DESCRIPTION AND CONDITIONS**

On January 9, 2018 the Board approved a contract with APTIM Environmental and Infrastructure, Inc. (APTIM) for professional coastal engineering and biological support services related to the management and renourishment of the Sector 3 (Wabasso Beach) beach project area. Ecological Associates Inc., (EAI) is APTIMs Sub-Consultant for sea turtle related monitoring.

The proposed Work Order No. 2018006-1 provides year 2018 post construction biological monitoring services relative to sea turtle monitoring and reporting of the Sector 3 Beach Restoration and Sector 3 Dune Repair Project Area. By Permit, annual Post Construction Biological monitoring is required following a large scale beach restoration project. The 2018 monitoring entails the following:

- “Year 3” post construction monitoring

Work Order No. 2018006-1 totals a lump sum amount of \$131,824.77

All subsequent annual biological monitoring of the Sector 3 Project area will be addressed through future work orders.

### **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 is budgeted and available for monitoring of the Sector 3 Beach Restoration project in the Beach Restoration Fund, Sector 3 Post Construction Monitoring Account No.12814472-033490-05054. Additionally, this work order is eligible for 50% state cost through the Florida Department of Environmental Protection Beach Management Funding Assistance Program. Currently, State appropriated funds are available in FDEP Grant Agreement No. 171R2.

### **RECOMMENDATION**

The recommendation of staff is for the Board to approve Work Order No. 2018006-1 to the contract with APTIM Environmental and Infrastructure, Inc. and authorize the Chairman to sign on behalf of the County.

### **ATTACHMENT**

APTIM Engineering and Infrastructure Inc., Work Order No. 2018006-1

**APPROVED AGENDA ITEM FOR: FEBRUARY 20, 2018**