

**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

**FROM:** James D. Gray, Jr.  
Coastal Engineer

**SUBJECT:** **Work Order No. 15 CB&I Coastal Planning and Engineering, Inc.  
Sector 3 Beach Restoration Project  
2017 Post Construction Physical Monitoring Services**

**DATE:** March 1, 2017

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**DESCRIPTION AND CONDITIONS**

On March 19, 2013 the Board approved a contract with CB&I Coastal Planning and Engineering, Inc. (CB&I) for professional coastal engineering services in Indian River County for a two-year term, 2013-2015. On March 17, 2015 the Board renewed the contract until March 19, 2017. CB&I is the selected County consultant for professional physical monitoring services related to the Sector 3 Beach Restoration Project and Sector 3 Dune Repair Project.

The proposed Work Order No. 15 provides year 2017 post construction physical monitoring services to document the fill performance of the Sector 3 Beach Restoration Project Area. By Permit, annual Post Construction Physical monitoring is required following a large scale beach restoration project. The 2017 monitoring entails the following:

- “Year 5” annual post construction physical monitoring of the Phase 2b project area
- “Year 2” annual post construction physical monitoring for the Sector 3 Dune Repair project area

Work Order No. 15 totals a lump sum amount of \$43,977.80.

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

BCC Agenda Item  
Sector 3 Beach Restoration  
March 14, 2017

### **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 and for 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.

### **RECOMMENDATION**

The recommendation of staff is for the Board to approve Work Order No. 15 to the contract with CB&I Coastal Planning and Engineering Inc. and authorize the Chairman to sign on behalf of the County.

### **ATTACHMENT**

CB&I Coastal Planning and Engineering, Inc. Work Order No. 15 (1 original copy)

### **APPROVED AGENDA ITEM FOR: MARCH 14, 2017**