

**INDIAN RIVER COUNTY, FLORIDA  
BOARD MEMORANDUM**

---

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

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

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

**SUBJECT:** **Work Order No. 2 Coastal Waterways Design and Engineering, LLC  
Construction of Emergency Beach Access at Round Island Park**

**DATE:** December 7, 2018

---

**BACKGROUND**

On April 17, 2018 the Board approved a contract with Coastal Waterways Design and Engineering LLC, for professional coastal engineering services in Indian River County under RFQ 2018008. Coastal Waterways has been selected for professional services related to constructing an emergency beach access at Round Island park.

Recently the County was impacted by a Red Tide event. As a result, the County underwent a large-scale marine debris cleanup effort along the entire 22.4-mile coastline. The County's many public beach accesses were utilized for this cleanup by the contractor, however in South County, an efficient cleanup effort proved difficult due to the lack of a heavy equipment beach access. Having an emergency access available in South County would minimize the difficulties for response to future emergency events. Another use for an emergency access would be for future beach and/or dune nourishment projects. The Sector 7 project area is a critically eroded 2-mile section of shoreline north of Round Island Beach park that extends from Treasure Cove south to the northern Moorings Subdivision and does not include any public lands. A Sector 7 beach re-nourishment project is planned for winter 2020/2021.

**DESCRIPTION AND CONDITIONS**

The proposed Work Order No. 2 provides professional design, permitting and project management services for the construction of an emergency beach access located in Sector 8 just north of Round Island Beach park (Exhibit D). The proposed project will allow for beach access for emergency response within South County, construction access to the critically eroded Sector 7 area during re-nourishment projects, as well as, access for emergency vehicles to assist with healthy, safety and security objectives within Round Island Beach Park.

Work Order No. 2 totals a lump sum fee of \$37,250.00 for design, permitting, and project management.

**FUNDING**

Funds for this expenditure are not currently budgeted but will be funded with a Budget Amendment from Beach Restoration/Cash Forward-Oct 1<sup>st</sup> to Beach Restoration Fund/Other Professional Services, Account # 12814472-033190 in the amount of \$37,250.00

**RECOMMENDATION**

The recommendation of staff is for the Board to approve Work Order No. 2 to the contract with Coastal Waterways Design and Engineering, LLC. and authorize the Chairman to sign on behalf of the County.

**ATTACHMENT**

Coastal Waterways Design and Engineering, LLC. Work Order No. 2

**APPROVED AGENDA ITEM FOR: DECEMBER 18, 2018**