



INDIAN RIVER COUNTY, FLORIDA
AGENDA ITEM
Assistant County Administrator /
Department of General Services
Parks and Conservation Resources Division

Date: April 7, 2020

To: The Honorable Board of County Commissioners

Through: Jason E. Brown, County Administrator
Michael C. Zito, Assistant County Administrator

From: Kevin Kirwin, Director, Parks and Conservation Resources

Subject: Work Order Number 3 – Continuing Engineering Services RFP 2018008 – Coastal Waterways Design and Engineering, LLC - Permitting and Design for a Dune Crossover Replacement at Seagrape Trail Beach Access

BACKGROUND:

On April 17, 2018, the Board of County Commissioners approved Continuing Consulting Engineering Services Agreements for RFQ 2018008 between Indian River County and Coastal Waterways Design and Engineering LLC. This award replaced the Continuing Contract Agreement for Professional Services, dated November 4, 2014. Because the estimated cost of construction of the new crossover is under the maximum threshold, the project is eligible for design under the continuing services agreement.

During the overnight hours of February 21, 2020, high surf, strong winds from the east and higher than average tides caused extensive damage to the dune crossover at Seagrape Trail Beach Access Park. The damage was inspected and deemed not repairable and it was determined that the descending stairwell and pilings will need to be designed, permitted and replaced. Staff's intention is to reconfigure the stairwell of the crossover so that it will be able to better sustain future storm events. The Seagrape Trail Beach Access is in Sector 3 which is scheduled for a beach and dune nourishment project starting in November 2020. The dune crossover project will be take into consideration the projected dune and beach profiles as the result of the nourishment project. The Seagrape Trail Beach Access is located at 8462 Highway A1A.

Work Order Number 3, under the current Continuing Consulting Engineering Services Agreements for RFQ 2018008, would provide for Design, Permitting and Construction Administration Services to be conducted by Coastal Waterways Design and Engineering LLC. The total amount of this work order is \$19,950. The estimated permitting application fees of \$1,200.00 will be submitted directly by the County and are not included in the Work Order Number 3 agreement.

FUNDING:

Funding in the amount of \$21,150 will be provided by a Budget Amendment from MSTU/Reserve for Contingency to MSTU/Beach Parks/Seagrape Trail Boardwalk, Account Number 00411672-066390-20025.

RECOMMENDATION:

Staff respectfully request the Board's acceptance of Work Order Number 3, Permitting and Design for a dune crossover replacement at Seagrape Trail Beach Access with Coastal Waterways Design and Engineering, LLC., and authorize the Chair to execute.

ATTACHMENT:

- 1) Work Order Number 3 – Continuing Engineering Services RFP 2018008 - Design for a Dune Crossover Replacement at Seagrape Trail Beach Access
- 2) Summary of Fees Based on Hourly Rates

DISTRIBUTION:

Coastal Waterways Design and Engineering, LLC
IRC Public Works, Coastal Engineering

APPROVED AGENDA ITEM FOR April 7, 2020