

TOWN OF PALM BEACH

Information for Town Council Meeting on: April 12, 2022

TO: Mayor and Town Council

VIA: Kirk W. Blouin, Town Manager

VIA: Jane Le Clainche, CPA Finance Director

FROM: Dean Mealy II, Town Purchasing Manager, NIGP-CPP, CPPO

RE: Award ITB No. 2022-11 for Sand Forepassing to RIO-BAK Corporation in the amount of \$250,000 and establishing a project budget of \$300,000

DATE: March 30, 2022

STAFF RECOMMENDATION

Town staff recommends that Town Council approve Resolution No. 047-2022, authorizing the Award of ITB No. 2022-11 and approve a Purchase Order to RIO-BAK Corporation in the amount of \$250,000 and establishing a project budget of \$300,000 to excavate, transport and place up to 20,000 cubic yards of beach-quality sand from a designated beach berm sand stockpile area to dune placement areas.

SUMMARY EXPLANATION/BACKGROUND

The ongoing Lake Worth Inlet Maintenance Dredging is expected to place approximately 400,000 cubic yards of sand on the dry beach between the south jetty and Merrain Road in Reaches 1 and 2. A volume of the newly placed sand, approximately 20,000 cubic yards, is to be removed from the wider beaches where it is being stockpiled in Reach 1 to be mechanically moved to the narrower beaches in Reach 2. Given the consistent berm and dune heights, removal of some sand in Reach 1 would not decrease the level of storm protection. However, adding sand into Reach 2 would provide an additional level of storm protection.

The purpose of sand forepassing would be to redistribute some of the sand at the far north end of the Town to enhance the beach in areas that cannot receive beach nourishment due to the presence of offshore environmental resources. The southern sand placement limit of the inlet maintenance dredging project is currently Palmo Way. Sand forepassing could place sand further south to approximately Queens Lane. If the beach is wide enough for equipment to stay above the mean high-water line, and no groins limit lateral access down the beach, sand could be placed south to eventually tie-in the south end of the inlet maintenance construction template to the north-end of the Mid-Town Beach Renourishment construction template.

The density of sand placement is expected to be less than 10 cubic yards per linear foot. This density is typical for upper beach/dune placement projects such as Sloan's Curve in Reach 7 and south of the Lake Worth Pier in Reach 8.

This project will be cost shared with an FDEP grant that will reimburse the Town for 75% of the project cost.

METHOD OF PROCUREMENT

The solicitation was broadcast to two hundred thirty-nine (239) firms through Mercell Source-to-Contract. Town Purchasing sent emails to three (3) known vendors advising the solicitation and invited the vendors to review and participate in the solicitation. Only one firm responded to the solicitation.

FUNDING/FISCAL IMPACT

Funding for this project will be from the FY22 Coastal Management Program Budget.

USER DEPARTMENT CONCURRENCE

This item has been reviewed by the Public Works Department and is approved as recommended.

TOWN ATTORNEY REVIEW

This format has been utilized by the Town in previous recommendations and was approved by the Town Attorney.

CC: H. Paul Brazil, P.E., Director of Public Works
Robert Weber, Coastal Manager