

INDIAN RIVER COUNTY, FLORIDA
MEMORANDUM

TO: Jason E. Brown, County Administrator

THROUGH: Richard B. Szyrka, P.E., Public Works Director

FROM: Eric Charest, Natural Resources Manager

SUBJECT: Release of Retainage for Sector 3, Phase 1 Beach and Dune Restoration Project (IRC-1925)

DATE: February 17, 2022

DESCRIPTION AND CONDITIONS

On December 1, 2020, the Board of County Commissioners awarded Bid No. 2021012 to Guettler Brothers Construction, LLC in the amount of \$11,987,010.00 for Phase 1 of the Sector 3 Beach and Dune Restoration Project (IRC-1925) to nourish approximately 3.6 miles of coastline in North Beach, the Town of Orchid, Wabasso Beach, and unincorporated Indian River County by placing approximately 307,000 cubic yards of beach compatible sand to create a beach berm and dune.

Construction for Phase 1 of the Sector 3 Beach and Dune Restoration Project commenced on January 4, 2021 and ran through April 30, 2021 when on-beach construction was halted due to sea turtle nesting season restrictions. Construction started back up again on November 1, 2021 with the project being deemed complete on January 11, 2022.

Amendment No. 1 to the contract was executed on February 2, 2021. This amendment increased the amount of sand for the project by 77,000 cubic yards (cy) up to 384,000 cy due to extensive pre-construction erosional conditions that persisted on the beach. Amendment No. 1 increased the total contract amount by \$2,487,100.00, up to \$14,474,110.00.

Change Order No. 1 was executed on March 8, 2021 to increase the amount of dune vegetation delivered and installed within Phase 1 of the Sector 3 Beach and Dune Restoration project by 184,653 additional sea oats. This Change Order did not adjust amount of the project, as the additional fees were charged to the Force Account included in the bid.

Change Order No. 2 executed on February 14, 2022 accounts for decreases in contracted amounts of sand delivered/placed due to changing conditions in the beach at the time construction recommenced on November 1, 2021. Placement surveys performed on the completed project area showed that 35,047 cy of the 77,000 cy approved in Amendment No. 1 were needed to complete Sector 3, Phase 1 Beach and Dune construction. Change Order No. 2 decreases the contract amount by \$1,355,081.90 for the decrease in sand needed, as well as decreases the unused Force Account by \$1,129,224.90. Change Order No. 2 decreases the final project cost to \$11,989,803.20.

Construction of the Sector 3, Phase 1 Beach and Dune Restoration Project (IRC-1925) has been deemed complete by the County and contracted Engineer, Aptim Environmental & Infrastructure, LLC (APTIM). As Phase 1 represents approximately one-half of the total Sector 3 project, Certifications of project completion, as required under the permits issued for the project, will be submitted by APTIM to the Florida Department of Environmental Protection and the United States Army Corps of Engineers after completion of the Phase 2 portions of the project, representing a complete Sector 3 project.

The warranty period for dune plants installed within the past 90 days remains in effect and those plants will continue to be monitored for survival and growth requirements until the end of the 90-day warranty period.

Guettler Brothers Construction, LLC has been paid \$11,390,313.04 to date, with \$599,490.16 held in retainage. Guettler Brothers Construction, LLC has submitted Contractor's Application for Payment No. 1925-8 for release of retainage in the amount of \$599,490.16.

FUNDING

Local Funding for Phase 1 of the Sector 3 Beach and Dune Restoration project is provided by a portion of Local Option Tourist Tax, FEMA Project Worksheets, and Local Government Funding Request Grant 17IR2 and an awarded Grant from the 2021/2022 funding year. Funding for the final payment of \$599,490.16 is available in the Beach Restoration Fund/Retainage-Guettler Brothers Construction, LLC, Account #128-206001-17001 for \$599,490.16.

Account Name	Account Number	Amount
Beach Restoration/Retainage-Guettler Brothers Construction, LLC	128-206001-17001	\$599,490.16

RECOMMENDATION

Staff recommends release and payment of Contractor's retainage in the amount of \$599,490.16.

ATTACHMENTS ARE AVAILABLE FOR VIEWING IN ENGINEERING DIVISION

Contractor's Application for Payment No. 1925-8
Change Order No. 2

APPROVED AGENDA ITEM FOR MARCH 1, 2022