

**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:** Final Payment, Release of Retainage and Change Order No. 2 for Sector 5 Beach and Dune Restoration Project (IRC-1923)

**DATE:** June 5, 2020

**DESCRIPTION AND CONDITIONS**

On September 17, 2019, the Board of County Commissioners awarded Bid No. 2019066 to Rio-Bak Corporation in the amount of \$4,511,712.00 for the Sector 5 Beach and Dune Restoration Project (IRC-1923) to nourish approximately 3.1 miles of coastline in the City of Vero Beach, Town of Indian River Shores and unincorporated Indian River County by placing approximately 123,800 cubic yards of beach compatible sand to create a beach berm and dune.

Change Order No. 1 was issued on December 10, 2019 to make adjustments for additional sand quantities required due to erosion that occurred with the passing of Hurricane Dorian in late September 2019. The requirement for additional sand resulted in a project cost increase of \$1,879,240.02 from \$4,511,712.00 to \$6,390,952.02.

Change Order No. 2 is to account for restoration costs associated with an alternative beach access corridor, as well as decreases in contracted amounts of sand delivered/placed and vegetation delivered/placed in the amount of \$419,331.08, decreasing the final total project cost to \$5,971,620.94.

Construction of the Sector 5 Beach and Dune Restoration Project (IRC-1923) has been deemed complete by the County and contracted Engineer, Aptim Environmental & Infrastructure, LLC (APTIM). Certifications of project completion, as required under the permits issued for the project, have been submitted by APTIM to the Florida Department of Environmental Protection and the United States Army Corps of Engineers. Additionally, survival rates for the dune plantings met contract survival rates throughout the warranty period which expired on May 25, 2020.

Rio-Bak has been paid \$5,437,454.06 to date, with \$286,181.79 held in retainage. Rio-Bak has submitted Contractor's Application for Payment No. 1923-5 for final payment and release of retainage in the amount of \$534,166.88.

**FUNDING**

Local Funding for Sector 5 Beach and Dune Restoration project is provided by a portion of Local Option Tourist Tax, FEMA Project Worksheets, and Local Government Funding Request Grant 19IR3 reimbursements. Funding for the final payment of \$534,166.88 is budgeted and available in the Beach Restoration Fund/Sector 5 Beach Restoration/Hurricane Matthew/Irma/Dorian, Account # 12814472-066510-17001 for \$247,985.09 and Beach Restoration Fund/Retainage-Rio-Bak Corp, Account #128-206002-17001 for \$286,181.79.

**RECOMMENDATION**

Staff recommends approval of Change Order No. 2 and payment of Contractor's Final Application for Payment No. 1923-5 in the amount of \$534,166.88 which includes a release of \$286,181.79 of retainage.

**ATTACHMENTS ARE AVAILABLE FOR VIEWING IN ENGINEERING DIVISION**

Contractor's Application for Payment No. 1923-5  
Change Order No. 2

APPROVED AGENDA ITEM FOR JUNE 16, 2020