

**INDIAN RIVER COUNTY, FLORIDA
BOARD MEMORANDUM**

CONSENT

TO: Board of County Commissioners

THROUGH: John A. Titkanich, Jr., County Administrator

FROM: Eric Charest, Interim Natural Resources Director

SUBJECT: Amendment No. 1 to AtkinsRealis Workorder No. 7 for conceptual design of a Stormwater Storage/Treatment Facility

DATE: May 14, 2024

DESCRIPTION AND CONDITIONS

On April 17, 2018, the Board of County Commissioners (BCC) approved the Continuing Contract Agreement for Continuing Engineering Services with ATKINS North America, Inc. (ATKINSREALIS) for professional water resource engineering support services. The original contract was for three (3) years with an option for one (1) two-year extension at the County's discretion. This contract was renewed for the additional two (2) year period beginning on April 17, 2021. During the contract extension, Workorder (WO) No. 7 was executed on August 16, 2022 to provide a conceptual design proposal for converting an agricultural parcel into a stormwater storage/treatment facility to remove nitrogen and phosphorus from the Indian River Farms Water Control District (IRFWCD) drainage canals, increasing the County's ability in meeting Total Maximum Daily Load (TMDL) reductions for nutrients discharged into the Indian River Lagoon.

WO No. 7 identified a phased approach with tasks structured to generate a conceptual design of a stormwater park. Throughout the effort, ATKINSREALIS submitted progress reports to the County and involved County staff in routine project meetings. As more information was incorporated into the project, it became evident that the concept of building the stormwater storage/treatment pond on the identified property would not yield the targeted TMDL benefits necessary to justify the significant costs to construct such a project (estimated \$16.5 million dollar construction costs for 163 pounds of Nitrogen and 37 pounds of Phosphorus removal). As such, after completing approximately 75% of the work associated with WO No. 7, County staff requested ATKINSREALIS to halt any additional effort and submit a complete feasibility report based on the information obtained to date.

County staff continued discussions with ATKINSREALIS on other possible scenarios to increase the County's TMDL recognized reductions, with ATKINSREALIS proposing the issuance of Amendment No. 1 to WO No. 7. Amendment No. 1 is proposed to redirect the remaining funds available on WO No. 7 for use in covering costs associated with ATKINSREALIS exploring other water quality improvement projects within the County, which would include discussing potential partnerships between the County and the Florida Department of Transportation (FDOT) designed to yield TMDL benefits.

Amendment No. 1 to WO No. 7 would decrease the fees identified in Tasks 1 through 13 by

\$10,484.50, reflecting that 74.11% of the original scope was completed. This amendment would then add a Task 14 for the proposed coordination activities to the scope of work in the amount of \$10,484.50, effectively enacting a no-cost reallocation of funding for use on Task 14.

County staff is seeking BCC approval for Amendment No. 1 to ATKINSREALIS WO No. 7, reflecting a no cost reallocation of remaining funds to explore other options at TMDL reducing projects and potential partnerships.

FUNDING

No additional funding beyond what had previously been approved for this Workorder is needed.

RECOMMENDATION

The recommendation of staff is for the BCC to approve Amendment No. 1 to WO No. 7 under the Continuing Contract Agreement for Continuing Engineering Services with ATKINSREALIS, and authorize the Chairman to sign the Amendment on behalf of the County. Amendment No. 1 represents a no cost reallocation of remaining funds on the Workorder for use in exploring potential partnerships on TMDL reducing projects.

ATTACHMENTS

1. ATKINS WO No. 7
2. Amendment No. 1 to WO No. 7
3. WO No.7, Amendment No. 1 Execution Form

APPROVED AGENDA ITEM FOR: June 4, 2024