

**Indian River County, Florida
Department of Utility Services
Board Memorandum**

Date: March 13, 2023

To: Michael C. Zito, Interim County Administrator

From: Sean C. Lieske, Director of Utility Services

Prepared By: Howard G. Richards, PE, Manager – Capital Projects

Subject: Work Order No. 9 to Atkins – North County Inline Pump Station Evaluation

Background/Analysis:

The Indian River County Department of Utility Services (IRCDUS) manages over three-hundred and forty (340) lift stations that pump wastewater collected throughout the county to three (3) regional wastewater treatment facilities (WWTFs). Some lift stations function as master stations that receive incoming flows from other lift stations that are “repumped” towards the designated regional WWTF.

In parts of the north region of the county, wastewater collected is transported to the decommissioned North WWTF, where it is repumped to the Central WWTF for treatment and disposal of the reclaimed water. It is anticipated that increases in wastewater flows, due to continued regional growth, will increase risks of unacceptable odor levels and corrosion potential to surrounding areas, stress on the receiving tank, and operational flexibility of the repump system at the North WWTF. It is prudent to address these risks within the short term to meet increases in current and future growth of the north region.

IRCDUS staff desires to utilize the services of Atkins under the Continuing Consulting Engineering Services Agreement for Professional Services dated April 17, 2018, amended and renewed on May 18, 2021, to provide engineering and program management services through completion of construction for a new inline pump station at the North WWTF. This work order (WO) is to complete the first step, which is to evaluate future flows and operating conditions to develop the design basis and operating scenarios for the new pump station. Upon request by staff, Atkins provided a proposal for the services to be provided for a fee of \$83,433.00.

Funding:

Funds for this project are derived from capital funding. Capital fund revenues are generated from impact fees. Furthermore, new growth has created the need for the expansion or construction of the facilities, and that new growth will benefit from the expansion or construction of the facilities. Expenses in the amount of \$83,433.00 for this project will be recorded in the Impact Fee/WIP/North Co Inline Pump Station account, number 472-169000-23505.

Departmental Item

ACCOUNT NAME	ACCOUNT NUMBER	AMOUNT
Impact Fee/WIP/North Co Inline Pump Station	472-169000-23505	\$83,433.00

Recommendation:

Staff recommends that the Board of County Commissioners approve Work Order No. 9 to Atkins to provide professional services for the North County Inline Pump Station Evaluation in the amount, not to exceed, of \$83,433.00, and authorize the Chairman to sign on their behalf.

Attachments:

- Work Order No 9 with Atkins