

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

Date: February 7, 2023
To: Michael C. Zito, Interim County Administrator
From: Sean C. Lieske, Director of Utility Services
Prepared by: Harrison Youngblood, PE, Utilities Engineer, Utility Services
Subject: Work Order 14 to Bowman Consulting Group, LTD. – Replacement of the NWWTF 24” Force Main

Background/Analysis:

The Indian River County Department of Utility Services (IRCDUS) manages five regional wastewater treatment facilities, one of them being the North Wastewater Treatment Facility (NWWTF). While no longer a functioning wastewater treatment plant, the NWWTF functions as a large wet well, which is fed by a 24” ductile iron force main that runs west to the facility from Old Dixie Highway. During a recent repair, the subject force main was found to be significantly corroded. Further excavation and visual inspection of other locations along that segment of main revealed similar distress in the pipe. Based on the findings during those inspections, IRCDUS feels the likelihood that the pipe will fail again is high. The consequence of failure is also high as it could result in a sanitary sewer overflow, which could result in fines from the Florida Department of Environmental Protection (FDEP).

IRCDUS desires to utilizing Bowman Consulting Group, LTD. (Bowman) under its CCNA 2018 contract, renewed and extended in 2021, for professional services and engineering design to replace the distressed segment of this high-value asset. Tasks included in this proposal are the special purpose survey along the force main alignment, tortoise survey and relocation permitting, subsurface soils exploration, force main replacement design, permitting, bid documents and bidding assistance, and construction observation and certification.

Funding:

Expenses in the amount of \$88,230.00 for this project will be recorded in the Utilities operating capital account Utilities/WIP/NWWTF 24” FM Replacement, number 471-169000-23503.

Description	Account Number	Amount
Utilities/WIP/NWWTF 24” FM Replacement	471-169000-23503	\$88,230.00

Recommendation:

Staff recommends that the Board of County Commissioners approve Work Order 14 for Bowman Consulting Group, LTD., to provide professional services for the force main replacement in the amount, not to exceed, of \$88,230.00, and authorize the Chairman to sign on their behalf.

Attachment:

Work Order No. 14: Bowman Consulting Group