

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

**Date:** January 24, 2025

**To:** Indian River County Board of County Commissioners

**Through:** John A. Titkanich, Jr., County Administrator  
Sean C. Lieske, Director of Utility Services

**From:** Howard G. Richards, PE, Manager – Capital Projects

**Subject:** Amendment 4 to Work Order No. 14 to Bowman Consulting Group, Ltd., for North County 24-Inch Force Main Replacement, IRCDUS Project ID: 21.23.503

**Background:**

Indian River County Department of Utility Services (IRCDUS) manages lift station 203, which is located at the decommissioned North Wastewater Treatment Facility (NWWTF). Lift Station 203 receives sewage from a 24-inch ductile iron force main that runs west to the facility from Old Dixie Highway. The 24-inch force main is the primary conveyance line carrying sewage from Indian River County's north wastewater service area directly to lift station 203, then repumped to the IRCDUS Central Wastewater Treatment Facility (CWWTF). The pipeline is significantly corroded, and it has been determined that the likelihood of failure is very high. In addition, the consequences of failure include significant damage to private property, thus exposing IRCDUS to significant risk.

On February 20, 2023, the Indian River County (IRC) Board of County Commissioners (BCC) approved Work Order No. 14 (WO 14) to Bowman Consulting Group, Ltd. (Bowman) – pursuant to Bowman's CCNA 2018 contract, renewed and extended in 2021 – in the amount of \$88,230.00, to provide design, bid support, and services during construction (SDC) for the North County 24-Inch Force Main Replacement (Project).

On October 17, 2023, the BCC approved Amendment 1 to WO 14, for Bowman to provide additional services to change the alignment of the force main, in the amount not-to-exceed \$20,531.34. On February 20, 2024, the BCC approved Amendment 2 to WO 14 in the amount of \$1,320.00, for an additional tortoise survey. Then on June 18, 2024, the BCC approved Amendment 3 to WO 14 in the amount of \$13,815.00 to provide bid document revisions and off-site gopher tortoise relocation. (There was a separate not-to-exceed \$126,000.00 approved for management and monitoring fees payable to Escape Ranch, the relocation site.)

**Analysis:**

The total budget for WO 14 with amendments 1, 2, and 3 is \$123,896.34. The Project bid phase is now complete and is transitioning to the construction phase. IRCDUS has instituted additional project management requirements on capital projects to improve performance of scope, schedule, and budget performances. These requirements include preparation and management of the project risk register, variance analysis reports, and project action items. Addition of services such as these will allow better

tracking of schedule and budget for projects during construction. Thus, Bowman has prepared Amendment 4 to WO 14 for these inclusions in the amount of \$29,105.00. Upon approval of Amendment 4, the new budget for WO 14 will be \$153,001.34.

**Funding:**

Expenses, in the amount of \$29,105.00, for this project will be recorded in the Utilities/WIP/NWWTF-24" FM Replacement account, number 471-169000-23503. Since this is an operating capital project, the funds will come from fund balance. Operating funds are derived from water and sewer sales.

Description	Account Number	Amount
Utilities/WIP/NWWTF-24" FM Replacement	471-169000-23503	\$29,105.00

**Recommendation:**

Staff recommends the Indian River County Board of County Commissioners approve Amendment 4 to Work Order No.14 to Bowman Consulting Group, Ltd., for additional project management requirements during the construction phase for the North County 24-Inch Force Main Replacement project, in the amount of \$29,105.00, and authorize the Chair to execute the same. So long as there are no changes in the dollar amount under the work order and upon adequate completion of the services set forth in the work order, staff is directed to make final payment and release any retainage to Bowman Consulting Group, Ltd.

**Attachments:**

Bowman Amendment 4 to Work Order No.14