

AMENDMENT 1 TO WORK ORDER 14

24" FORCEMAIN REPLACEMENT

PID 21.23.503

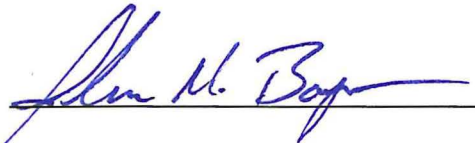
This Amendment 1 to Work Order Number 14 is entered into as of this ___ day of _____, 2023, pursuant to that certain Continuing Contract Agreement, dated April 17, 2018, renewed and amended as of May 18, 2021 (collectively referred to as the "Agreement"), by and between INDIAN RIVER COUNTY, a political subdivision of the State of Florida ("COUNTY") and Bowman Consulting Group, Ltd. ("Consultant").

- 1. The COUNTY has selected the Consultant to perform the professional services set forth in existing Work Order Number 14, Effective Date February 21, 2023.
- 2. The COUNTY and the Consultant desire to amend this Work Order as set forth on Exhibit A (Scope of Work) attached to this Amendment and made part hereof by this reference. The professional services will be performed by the Consultant for the fee schedule set forth in Exhibit B (Fee Schedule), and within the timeframe more particularly set forth in Exhibit C (Time Schedule), all in accordance with the terms and provisions set forth in the Agreement.
- 3. From and after the Effective Date of this Amendment, the above-referenced Work Order is amended as set forth in this Amendment. Pursuant to paragraph 1.4 of the Agreement, nothing contained in any Work Order shall conflict with the terms of the Agreement and the terms of the Agreement shall be deemed to be incorporated in each individual Work Order as if fully set forth herein.

IN WITNESS WHEREOF, the parties hereto have executed this Amendment 1 to Work Order 14 as of the date first written above.

CONSULTANT:

**BOARD OF COUNTY COMMISSIONERS
OF INDIAN RIVER COUNTY**

By: 

By: _____
Joseph H. Earman, Chairman

Print Name: John M. Boyer, P.E.

Title: Senior Project Manager

BCC Approved Date: _____

Attest: Ryan L. Butler, Clerk of Court and Comptroller

By: _____
Deputy Clerk

Approved: _____
John A. Titkanich, Jr., County Administrator

Approved as to form and legal sufficiency: _____
William K. DeBaal, County Attorney

Work Order 14 Amendment 1

EXHIBIT A – SCOPE OF WORK

PID 21.23.503

Bowman Consulting Group (Bowman) will provide professional services to Indian River County Dept of Utility Services (Utilities) to replace a segment of 24" ductile iron forcemain between the North County Wastewater Treatment Facility (NCWWTF) site and Old Dixie Highway. During a recent repair the subject main was found to be significantly corroded. Excavation and visual inspection of other locations along that segment of main revealed similar distress. The likelihood that the pipe will fail again is high.

Utilities has therefore requested that Bowman prepare an engineering design to replace this high-value asset. Bowman proposes to provide the following services:

Task 8 – Additional Survey along the Revised Forcemain Alignment

Bowman will provide additional topographic data along the revised forcemain alignment, generally the area south of the original alignment. The field data will be merged with the data of the prior survey.

1. Boundary lines will be plotted from the best available evidence. A Boundary Survey is not a part of this scope.
2. All above ground visible utilities and drainage features will be located along with the associated invert elevations determined.
3. An appropriate number of elevations will be collected to generate contours at a 1-foot interval.
4. Gopher tortoise burrows will be located as marked by others.

Deliverables

- Certified PDF and Paper Copies of the Revised Survey

Task 9 – Sketch and Legal Description of Proposed Utility Easement

Bowman will provide a sketch and legal description of the proposed 20-foot-wide utility easement.

Deliverables

- Certified PDF and Paper Copies of the Sketch and Legal Description

Task 10 – Additional Tortoise Survey & Relocation Permitting

Bowman will provide a gopher tortoise survey of 100% of on-site suitable tortoise habitat along the revised alignment. The survey will determine the number and location of the tortoises in the work area.

*Note: the professional fee for this task does not include the FWC application fee, which is based on the resident tortoise population. As set forth in Work Order 14, Task 2, Bowman will discuss fees for relocation following the tortoise survey if necessary.

Task 11 – Additional Subsurface Soils Exploration

Bowman will provide a subsurface soils exploration to support the forcemain thrust block design. The exploration will consist of one (1) boring at the location of the thrust block. A geotechnical report will be provided to include bore logs, soil classification, thickness of soil layers, number of blows per foot (N Value), groundwater depth, and soil bearing capacity.

Deliverables

- Geotechnical Report.

Task 12 – Supplemental Engineering Design

Bowman will revise the 30% design plans to illustrate the revised alignment. This task shall include two meetings with Redstick Golf Club to discuss the project and related easement.

Deliverables

- Meeting Attendance
- Revised 30% Plans

SERVICES AND/OR INFORMATION TO BE PROVIDED BY OTHERS

Client or others will provide the following services and/or information:

- A. Client will make available GIS, as-built drawings, easements and other records, and field locate the subject main.
- B. Provide record-drawings and information of existing improvements and utility-owned facilities and other substructures.
- C. Coordinate access to Redstick Golf Course for survey, soil borings, and construction.

SPECIFIC EXCLUSIONS

The scope of work is limited that described above. Additional professional services may be provided by amendment to this work order.

EXHIBIT B – FEE SCHEDULE

Bowman will provide the services described above for the following lump sum fees:

Task 8 – Additional Survey	\$ 11,210.00
Task 9 – Sketch & Legal Description	\$ 1,295.00
Task 10 – Additional Subsurface Soils Exploration	\$ 1,650.00
Task 11 – Additional Listed Species Survey	\$ 2,420.00
<u>Task 12 – Supplemental Engineering Design</u>	<u>\$ 3,721.34</u>
Total:	\$ 20,296.34

EXHIBIT C – TIME SCHEDULE

This Task Order shall commence upon Notice to Proceed (NTP) with the work to be completed within 45 days.
