

CCNA2018 WORK ORDER 13

**West Wabasso Septic to Sewer Phase 3A – 61st Drive
Engineering Design and Permitting**

This Work Order Number 13 is entered into as of this ___ day of _____, 2022, pursuant to that certain Continuing Consulting Engineering Services Agreement for Professional Services entered into as of this 17th day of April, 2018, and extended on May 7, 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").

The COUNTY has selected the Consultant to perform the professional services set forth on Exhibit A (Scope of Work), attached to this Work Order 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), attached to this Work Order and made a part hereof by this reference. The Consultant will perform the professional services within the timeframe more particularly set forth in Exhibit C (Time Schedule), attached to this Work Order and made a part hereof by this reference all in accordance with the terms and provisions set forth in the Agreement. 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 Work Order as of the date first written above.

CONSULTANT:

Bowman Consulting Group, Ltd.

By:



Print Name:

Erik Juliano, P.E.

Title:

Branch Manager

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

By:

Peter D. O'Bryan, Chairman

BCC Approved Date:

Attest: Jeffrey R. Smith, Clerk of Court and Comptroller

By:

Deputy Clerk

Approved:

Jason E. Brown, County Administrator

Approved as to form and legal sufficiency:

Dylan T. Reingold, County Attorney

SCOPE OF SERVICES

Bowman Consulting Group Ltd. (Bowman) is pleased to submit this proposal for professional engineering services to Indian River County Department of Utility Services for Phase 3A (61st Drive) of the West Wabasso Septic to Sewer project. The project will be comprised of a new gravity sanitary sewer collection system and related lift station in a developed residential community. The proposed lift station will be located on a vacant residential lot at address 8685 61st Drive. Indian River County is working to acquire ownership of that property.

We propose to provide the following services:

Task 1 – Engineering Design & Supplemental Survey

Bowman will prepare engineering design plans and lift station report to support the construction of the sanitary sewer collection system and forcemain in the 61st Drive right of way and lift station on address 8685 61st Drive. The plans and report will use data collected to support the previous design performed under Work Order 3. A supplemental topographic survey of will be provided to include the wetland line flagged by County staff. Construction plans, lift station report, and opinion of probable construction cost will be submitted for review at the 90% level. The final construction plans will reflect staff comments.

Deliverables

- Construction Plans, including plan, sewer profile, lift station plan and section, and utility details (90% and Final);
- Lift Station Design Report (90% and Final);
- Opinion of Probable Construction Cost (90% and Final); and
- Geotechnical Report.

Task 2 - Permitting

Using the plans produced in Task 1 Bowman will apply for the following required permits:

1. Indian River County Right of Way (\$800 fee); and
2. Florida Department of Environmental Protection (FDEP) Wastewater Construction General Permit (\$250 fee).

Bowman will address reasonable agency comments as part of this task. Application fees shall be included in the lump sum fee for this task.

Task 3 – Environmental Resource Permitting

The lift station site (addresses 8685 & 8695 61st Drive) contains a borrow pond that may be considered an environmental resource by jurisdictional agencies. Construction of the proposed lift station may impact the upland buffer area and possibly the pond itself. In that case, environmental resource permitting would be required. If it appears the project will impact the pond, Bowman will obtain an environmental survey and report

of the subject properties and obtain an environmental resource permit (ERP) from the St. Johns River Water Management District (SJRWMD).

Task 4 – Bid Documents and Bidding Assistance

Bowman shall revise the “West Wabasso Septic to Sewer Phase 3B” bid documents to be specific to the Phase 3A (61st Drive) project. This task shall include attendance of the pre-bid and bid opening, assistance addressing requests for information (RFI’s) during the bid process, and a recommendation of bid award.

SERVICES NOT INCLUDED

- Boundary Survey of 8685 61st Drive (Lift Station Site)
- Construction Observation & Certification

EXHIBIT B – FEE SCHEDULE

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

Task 1 – Engineering Design & Survey	\$21,500.00
Task 2 – Permitting	\$ 5,250.00 (inc. Application Fees)
Task 3 – Environmental Resource Permitting	\$ 8,000.00
<u>Task 4 – Bid Documents and Bidding Assistance</u>	<u>\$ 4,500.00</u>
Total:	\$ 39,250.00

Services will be invoiced monthly. Lump sum invoices will reflect the percentage of the task completed.

EXHIBIT C – TIME SCHEDULE

This Task Order shall commence upon Notice to Proceed with the work to be completed as follows:

Task 1 – Engineering Design & Survey	60 Days
Task 2 – Permitting	60 Days following Task 1
Task 3 – Environmental Resource Permitting	60 Days Concurrent with Task 2
<u>Task 4 – Bid Documents and Bidding Assistance</u>	<u>30 Days following Tasks 2 & 3</u>
Total:	150 Days
