

ENGINEERING SERVICES WORK ORDER 06

This Work Order Number 06 is entered into as of this day of , 2025, pursuant to that certain Continuing Contract Agreement, dated May 2, 2023, ("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 mutually agreed upon lump sum or maximum amount not-to-exceed professional fee. Any additional costs must be approved in writing, and at a rate not to exceed the prices set forth in Exhibit B of the Agreement (Rate Schedule) for RFQ 2023015, made a part hereof by this reference. The Consultant will perform the professional services within the timeframe more particularly set forth in Exhibit A (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:

By: 
Name: John M. Boyer, P.E.
Title: Senior Project Manager

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

By: _____
Joseph E. Flescher, Chairman

BCC Approval Date: _____

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

Approved as to Form and Legal Sufficiency:

By: _____
Jennifer W. Shuler, County Attorney

Ryan L. Butler, Clerk of Court and Comptroller

Attest: _____
Deputy Clerk

(SEAL)

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 (Utilities) for "Lift Station 201 Replacement." The subject lift station is located at 1606 Indian River Drive, Sebastian. Utilities intends to construct a replacement lift station on the west side of Indian River Drive, re-route the gravity sewer, and abandon the existing lift station.

We propose to provide the following services:

Task 1 – Conceptual Design

The new lift station will require an easement over the subject property, and an open-cut crossing of Indian River Drive. Bowman will provide an exhibit to illustrate the proposed work and attend meetings with the roadway authority and property owner. Preparation of the easement documents, including sketch and legal description, will be the responsibility of Utilities.

Deliverables

- Exhibit of Proposed Work (Conceptual Plan)

Task 2 – Engineering Design

Bowman will prepare engineering design plans and lift station report to support the permitting and construction a lift station at the southeast corner of 1615 Indian River Drive. The engineering plans will also illustrate the modifications to the existing sanitary collection system required to route flow to the new lift station. The existing force main along the west side of Indian River Drive will be relocated to allow installation of the proposed terminal manhole.

Construction plans, lift station report, and opinion of probable construction cost will be submitted for Utilities staff 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); and
- Opinion of Probable Construction Cost (90% and Final).

Task 3 - Permitting

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

1. City of Sebastian Right of Way; and
2. Florida Department of Environmental Protection (FDEP) Wastewater Construction General Permit.

Bowman will address reasonable agency comments as part of this task.

Task 4 – Permit Application Fees

The following permit application fees shall be paid by the County under this task:

1. City of Sebastian Right of Way - \$250.00
2. FDEP Wastewater Construction General Permit - \$250.00

Task 5 – Bid Documents and Bidding Assistance

Bowman shall prepare bid documents and specifications to support a public bid. 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.

Task 6 – Construction Observation & Certification

Utilities staff will provide daily oversight of construction. Bowman shall provide construction observation and certification services including shop drawing review and response to contractor requests for clarification (RFC's). Bowman staff shall attend the following formal events:

- Pre-Construction Meeting;
- Wet Tap of Force main;
- Force Main Pressure Test;
- Lift Station Start-up;
- Abandonment of Existing Wet Well; and
- Final Walk-Through

This task shall also include two (2) site visits during the construction process. Upon completion of construction the project's conformance to contract documents shall be certified to City of Sebastian (Right of Way), FDEP, and Utilities.

Utilities to Provide

Utilities will provide the following data to support the design:

- Survey Services
- Geotechnical Services
- Force Main System Pressure Data
- Existing Lift Station Flow Data (i.e.: run times, etc.)
- All Easement Documents

EXHIBIT B – FEE SCHEDULE

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

Task 1 – Conceptual Design	\$ 3,505.00
Task 2 – Engineering Design	\$27,940.00
Task 3 – Permitting	\$ 3,390.00
Task 4 – Permit Application Fees	\$ 575.00
Task 5 – Bid Documents and Bidding Assistance	\$10,080.00
<u>Task 6 – Construction Observation & Certification:</u>	<u>\$11,950.00</u>

Total: \$ 57,440.00

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 – Conceptual Design	30 Days from NTP
Task 2 – Engineering Design	60 Days following Task 1
Task 3 – Permitting	30 Day from Task 2 at 90%
Task 4 – Permit Application Fees	(n/a)
Task 5 – Bid Documents and Bidding Assistance	45 Days from Task 2 at 100%
Task 6 – Construction Observation & Certification:	per Construction Schedule
