

CCNA2018 WORK ORDER 8

IRCDUS Standard Construction Details & Specifications Update

This Work Order Number 8 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.

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

By:  _____

By: _____
, Chairman

Print Name: Erik Juliano, P.E.

Title: Branch Manager

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

EXHIBIT A - SCOPE OF WORK

Bowman Consulting Group Ltd. (Bowman) is pleased to submit this proposal for professional engineering services to Indian River County Department of Utility Services (IRCDUS) for the review and update of the Standard Construction Details and Specifications.

PROJECT BACKGROUND & UNDERSTANDING

IRCDUS typically updates its Standard Construction Details and Specification every two years. The latest revision was approved by the Board of County Commissioners (BCC) in March 2019. IRCDUS has requested Bowman review the detail drawings and specifications and make necessary revisions. The revised details and specifications will be presented by IRCDUS staff to the BCC.

SCOPE OF SERVICES

The following services are proposed:

Task A – CADD Standards

Bowman will revise the approximately 76 IRCDUS AutoCAD (.dwg) files for the standard drawings to conform to a standard template. Drawing elements (i.e.: text, objects, dimensions, hatching, etc.) will be moved to appropriate layers. The appearance of the drawing elements will thus be uniform throughout the detail set. The individual detail drawings will be combined into master drawings for the major component types (i.e.: water, sewer, etc.).

Task B – Revision of Standard Drawings and Specifications

Bowman will meet with IRCDUS staff and jointly review their mark-ups of the 2019 Standard Details & Specifications, which consist of 76 individual detail drawings and 18 sections of technical specifications. The drawings and specifications will be revised to correct errors, clarify construction requirements, and to better align with IRCDUS's mission. A first draft of the drawings and specifications will be presented to IRCDUS staff for their review and comment. Bowman will again meet in person to discuss staff comments and will make additional revisions.

A summary of revisions will be kept, and an opinion of probable cost (OPC) will be provided for all revisions. It is anticipated that IRCDUS will give the local consulting community a chance to review and comment on the revised drawings and specifications. Bowman will assist IRCDUS staff in responding to the public's comments and make final revisions as directed.

SERVICES AND/OR INFORMATION TO BE PROVIDED BY OTHERS

IRCDUS will provide an electronic copy of the standard details (.dwg format) and specifications (.docx format), and of all relevant documents.

SERVICES NOT INCLUDED

This work order is limited to the above Scope of Services, but additional services may be provided at the request of IRCDUS and within the services provided by Bowman. Additional services shall require written mutual authorization prior to initiation.

EXHIBIT B – FEE SCHEDULE

COMPENSATION

All services described in the Scope of Work shall be billed Lump Sum according to the breakdown below. Invoices will be submitted monthly commensurate with progress for each task.

IRCDUS Standard Construction Details & Specifications Update

Task A – CADD Standards:	\$18,580.00
<u>Task B – Revision of Standard Drawings & Specifications:</u>	<u>\$34,165.00</u>
Total Work Order:	\$52,745.00

EXHIBIT C – TIME SCHEDULE

The services described in this Work Order shall commence upon Notice to Proceed (NTP). Bowman anticipates completing Task A – CADD Standards within 90 days of NTP and completing Task B - Revision of Standard Drawings & Specifications 120 days thereafter.