



Invitation for Bid No. 2024-016
12-Mile WRF – SCADA HMI Replacement

Due Date: September 27, 2023
Time: 10:00 AM Local Time
Receipt Location: Union County Government Center
500 N. Main Street, Suite 709
Monroe, NC 28112

Procurement Representative:

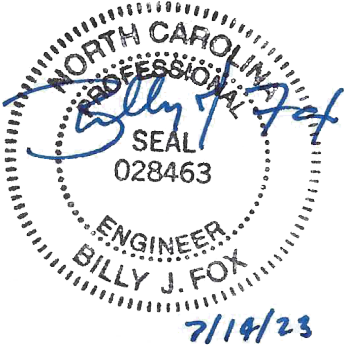
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Senior Procurement Specialist
Procurement Department
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Prepared by:

HDR Engineering, Inc. of the Carolinas
(704) 338-6700

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SEALS AND SIGNATURES

Owner Name: Union County
Project Name: 12-Mile WRF – SCADA HMI Replacement
Project or Contract Designation: IFB No. 2024-016
Engineer: HDR Engineering, Inc of the Carolinas

 <p>The seal is circular with a dotted border. The text inside the seal reads: "NORTH CAROLINA PROFESSIONAL ENGINEER BILLY J. FOX SEAL 028463". A handwritten signature "Billy J. Fox" is written across the seal. The date "7/14/23" is handwritten at the bottom of the seal.</p>	<p>Billy J. Fox, PE</p> <p>The seal and signature to the left applies to the following Specifications divisions and sections of this project manual:</p> <ul style="list-style-type: none">• Control Systems.
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Engineer's seal and signature does not apply to the documents that comprise Division 00, Bidding and Contracting Requirements.

It is a violation of applicable laws and regulations governing professional licensing and registration for any person, unless acting under the direction of the licensed and registered design professional(s) indicated above, to alter in any way the Specifications in this project manual.

END OF SEALS AND SIGNATURES

**UNION COUNTY
UNION COUNTY, NORTH CAROLINA**

12-Mile WRF - SCADA HMI Replacement
IFB # 2024-016

ADVERTISEMENT FOR BIDS

Sealed Bids for the construction of the 12-Mile WRF - SCADA HMI Replacement will be received, by Union County, at 500 N. Main Street, Suite 709, Monroe North Carolina, until **10:00 AM** local time on **Wednesday, September 27, 2023**, at which time the Bids received will be **publicly** opened and read. Late bids will not be accepted.

Project Description of Work:

The Project includes the replacement and migration from iFix at Union County's 12-Mile Wastewater Treatment Plant (WWTP) to VTScada. The work as indicated in the project documents consists of all materials, labor, tools, equipment, apparatus, facilities, transportation and incidentals necessary to construct, furnish, deliver and install the following in general:

1. Install and configure OWNER provided computer and network equipment as indicated in the contract documents.
2. Install and terminate HDMI cables to wall mounted monitors in existing raceway. Network cables installed by Owner.
3. Install VTScada and reporting software on servers and workstations identified in the contract documents.
4. Configure, test, and commission VTScada application in compliance with Owner's PCS & SCADA Standards and Conventions.
5. Configure, test, and commission existing Tier-2 historical data storage.
6. Decommission existing iFix applications and remove existing workstations, servers, and server racks after VTScada commissioning is complete. Turn over all equipment to OWNER.

Bids will be received for a single prime Contract. Bids shall be on a lump sum and unit price basis, with additive alternate bid items as indicated in the Bid Form. The Engineer's Estimate for the 12-Mile WWTP VTscada Migration project is \$450,000. The Project has an expected duration of 274 days.

Deadline for Questions: September 15, 2023 by 5:00 PM, EST. Submit all questions about the meaning or intent of the Bidding Documents in writing, to the Procurement contact listed on the cover page, (vicky.watts@unioncountync.gov).

The Issuing Office for the Bidding Documents is:

HDR Engineering, Inc. of the Carolinas
440 South Church Street, Suite 1200
Charlotte, NC 28202-2075

Prospective Bidders may examine the Bidding Documents at the Issuing Office or at the Union County Procurement Division offices at 500 North Main Street, Suite 709, Monroe, North Carolina on Mondays through Fridays between the hours of 8:00 am and 5:00 pm, and may obtain copies of the Bidding Documents from the Issuing Office as described below.

Printed copies of the Bidding Documents may be obtained from the Issuing Office, during the hours indicated above, upon payment of a non-refundable deposit of \$ 100 for each set. Checks for Bidding Documents shall be payable to “HDR Engineering Inc. of the Carolinas”. Upon request and receipt of the document deposit indicated above, the Issuing Office will transmit the Bidding Documents via delivery service. Digital copies of the Bidding Documents may be obtained from the Issuing Office.

Contact LaShion Pettiford at lashion.pettiford@hdrinc.com for either print or digital copies.

The date that the Bidding Documents are transmitted by the Issuing Office will be considered the Bidder’s date of receipt of the Bidding Documents. Partial sets of Bidding Documents will not be available from the Issuing Office. Neither Owner nor Engineer will be responsible for full or partial sets of Bidding Documents, including Addenda if any, obtained from sources other than the Issuing Office.

A non-mandatory pre-bid conference for the Project will be held on September 13, 2023 at 10:00 am at the 12-Mile WWTP, 8299 Kensington Drive, Waxhaw, NC 28173.

Bidders are required to comply with the non-collusion requirements set forth in the Bidding Documents.

Bid security shall be furnished in accordance with the Instructions to Bidders. Union County reserves the right to reject any or all bids.

Union County encourages good faith effort outreach as described in the Union County MBE and Small Business Outreach Plan. Compliance with Minority and Small Businesses Guidelines and Outreach Plan goals apply. Bidders shall submit a completed identification of Minority Participation form and either an Affidavit A or Affidavit B, as applicable along with their Bid.

The Owner reserves the right to reject any or all bids, including without limitation, nonconforming, nonresponsive, unbalanced, or conditional Bids. Owner further reserve the right to reject the Bid and Bidder whom they find, after reasonable inquiry and evaluation, to not be responsible. Owner may also reject the Bid and Bidder if the Owner believes that it would not be in the best interest of the Project to make an award to that Bidder. Owner also reserves the right to waive all informalities and technicalities not involving price, time, or changes in the Work and to negotiate, as allowed by law, contract terms with the Successful Bidder.

+ + END OF ADVERTISEMENT FOR BIDS + +