



Invitation for Bid No. 2023-027

SCADA Master Plan Telemetry System & RTU Replacement

Due Date: December 1, 2022
Time: 2:00 PM Local Time
Receipt Location: Union County Government Center
500 N. Main Street, Suite 709
Monroe, NC 28112

Procurement Representative:

Vicky Watts, CLGPO
Senior Procurement Specialist
Procurement Department
(704) 283-3601
vicky.watts@unioncountync.gov

Prepared by:

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

**UNION COUNTY
UNION COUNTY, NORTH CAROLINA**

SCADA Telemetry System and RTU Replacement
IFB # 2023-027

ADVERTISEMENT FOR BIDS

Sealed Bids for the construction of the SCADA Telemetry System and RTU Replacement will be received, by Union County, at 500 N. Main Street, Suite 709, Monroe North Carolina, until **2:00 PM** local time on **Thursday, December 01, 2022**, at which time the Bids received will be **publicly** opened and read. Late bids will not be accepted.

Project Description of Work:

The Project consists of improvements to Union County's existing Supervisory Control and Data Acquisition (SCADA) system. 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. Replace existing Data Flow Systems (DFS) telemetry system and RTUs installed throughout the county drinking water distribution, wastewater treatment, and sewer collection facilities with new cellular telemetry system and new programmable logic controller (PLC) based RTUs.
2. Replace electrical equipment including power distribution and motor starters / local control panels at facilities identified throughout the county with new equipment.
3. Install new equipment pads, racks, and shelters at facilities identified throughout the county.
4. Configure, test, and commission PLC based RTUs at each facility.
5. Modify existing central VTScada application to transfer data connection from DFS telemetry system to the new telemetry system.
6. Configure, test, and commission existing Tier-2 historical data storage.

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 Union County SCADA Telemetry System and RTU Replacement project is \$7,500,000. The Project has an expected duration of 1,043 days.

Deadline for Questions: November 22, 2022 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 November 15, 2022 at 10:00 am at Union County Operations Center, 4600 Goldmine Road, Monroe, North Carolina 28110. Bidders must have a license to do work as a general contractor in the State of North Carolina, as set forth under Article 1 of Chapter 87 of the North Carolina General Statutes. The Contractor's North Carolina License number shall be designated on the outside of the envelope containing the bid.

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 + +