



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

ADDENDUM No. 001

ISSUE DATE: Wednesday, September 20, 2023

Responding Offerors on this project are hereby notified that this Addendum shall be made a part of the above named IFB document.

The following items add to, modify, and/or clarify the IFB documents and shall have the full force and effect of the original Documents. This Addendum shall be acknowledged by the Offeror in the IFB document.

This Addendum contains attachments from the non-mandatory pre-bid conference on September 12, 2023. There have been no questions received through the deadline, September 15, 2023.

I. ATTACHMENTS

- Pre-Bid meeting attendance log “IFB 2024-016 Attendance Log_20230913.pdf”
- Pre-Bid meeting presentation “UC_PRS_12-MileHMI_Pre-Bid_20230913.pdf”

II. CLARIFICATIONS

None.

Respectfully submitted,
HDR Engineering, Inc. of the Carolinas

Billy Fox
Project Manager



Pre-Bid Conference & Site-Visit
HMI Replacement
Union County Government Center
8299 Kensington Drive, Waxhaw, NC 28173
September 13, 2023 10:00 AM

Company Name	Representative	Email	Phone Number	Signature
HDR	Dan Giedt	daniel.giedt@hdrinc.com	704-339-6705	
ROVISYS	BRAD ZIMMERS	brad.zimmers@rovisys.com	330 995-8233	
ROVISYS	DAN McLAUGHLIN	DAN.McLAUGHLIN@ROVISYS.COM	919-741-3586	
UCCPW	Harold Wallace			
UCCPW	Kevin Edgerton			
UCCPW	Paul Trzela	paul.trzela@unioncountync.gov	980-699-6030	
UC Pw	Keith Purgason	Keith.Purgason@UnionCountyNC.gov		
UCW	Thomas Mann	thomas.mann@unioncountync.gov	704.292.2560	
UC	Vicky Watts	vicky.watts@unioncounty	704-283-3601	



UNIONCOUNTY

north carolina



12-Mile WRF – SCADA HMI Replacement

Union County, NC

Pre-Bid Conference
September 13, 2023
IFB # 2024-016



Agenda

1. Welcome and Introductions
2. IFB Logistics
3. Minority and Small Business Outreach Plans and Guidelines
4. Project Overview
5. Scope of Work
6. Attendee Q&A



01 **Welcome and Introductions**

Introductions

- Attendees - Please sign the attendance sheet.
- Union County Staff
 - Thomas Mann, CIP Program Manager | Engineering
 - Vicky Watts, Sr. Procurement Specialist
- HDR Staff
 - Billy Fox, Sr. Professional Associate | Control Systems Director
 - Dan Giedt, Sr. Control Systems Engineer



02 IFB Logistics

Procurement Schedule/Timeline

Date	Activity
8/24/2023	RFP Advertised
9/13/2023	Pre-Bid Conference
9/15/2023	Last Date to Submit Questions Regarding this RFP
9/27/2023	Bids Due (10:00 AM local time)
October 2023	Notice of Award
November 2023	Executed Contract and Notice-to-Proceed

Questions/Addenda

- Email questions to: vicky.watts@unioncountync.gov
- Questions received to-date.
 - None
- Last Day for Questions – September 15, 2023.
- Addendum – planned to be issued by September 20, 2023.

Bid Form

- Engineer's estimate \$450,000
 - Duration 274 calendar days
- \$55,000 General Allowance
- No Specific Allowances

Item No.	Description	Unit	Estimated Quantity	Bid Unit Price	Bid Price
A	General Requirements	LS	1		
B	Mobilization / Demobilization	LS	1		
C	Install, Configure, Test, and Commission VTScada	LS	1		
D	iFix Decommissioning	LS	1		
E	Record Documents	LS	1		
Base Bid Amount (Sum of Bid Items Listed Above)					
F	General Allowance	Allowance	1		\$55,000
Subtotal (Sum of Base Bid Amount and All Allowances)					
Total Bid Amount					\$



03 **Minority and Small Business Outreach**

Minority and Small Business Goals

- Reference 00 21 13A – Minority and Small Business Guidelines, page 11 of Construction Documents Project Manual (pdf).
- Identification of Minority Participation (Spec 00 21 13B-1) and Affidavit A or B with Bid



04 Project Overview

Description of Work

- Replacement and migration from iFix (ver 5.8) to VTScada (current version)
- Install and configure Owner provided computer and network equipment as indicated in the contract documents.
- Install and terminate HDMI cables to wall mounted monitors in existing raceway. Network cables installed by Owner.
- Install VTScada and reporting software on servers and workstations identified in the contract documents.

Description of Work

- Configure, test, and commission VTScada application in compliance with Owner's PCS and SCADA Standards and Conventions.
- Configure, test, and commission existing Tier-2 historical data storage.
- Decommission existing iFix applications and remove existing workstation, servers, and server racks after VTScada commissioning is complete. Turn over all equipment to Owner.



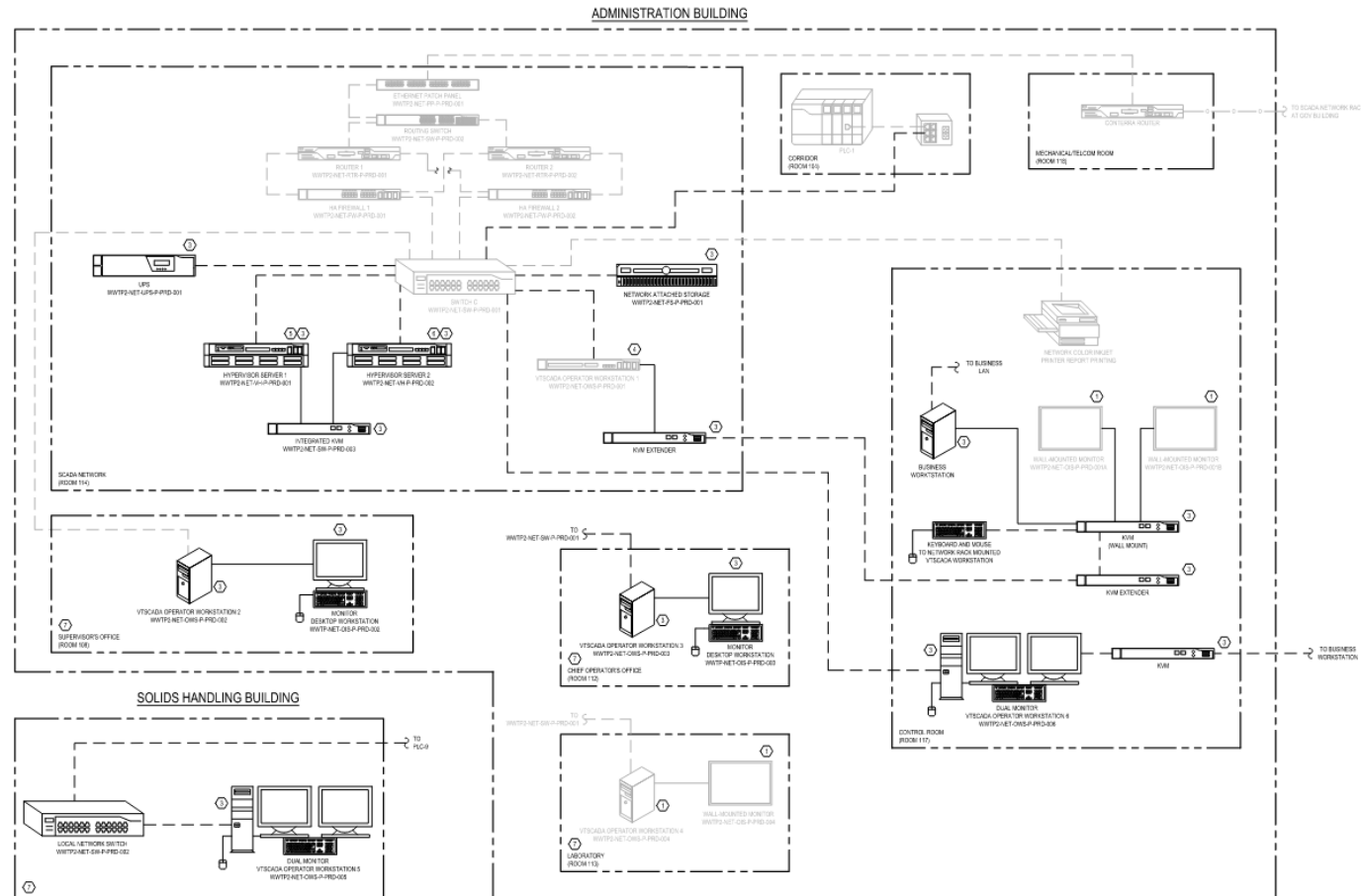
05 Scope of Work

Scope of Work

- Reference 01 11 00 Summary of Work, page 167 of the Construction Documents Manual (pdf) and 40 61 13 PCS General Requirements, page 357 of the Construction Documents Manual (pdf) for location and description of work.
- Work to be performed under this Contract includes, but is not limited to, migration from iFix (ver 5.8) to VTScada (current version).
- Parallel standup, decommission iFix after commissioning of VTScada.
- Migrate 5 years of historical data to VTScada.
- Dial out alarming migrated from Win911 to VTScada.

Locations of Work

- Administration Building
 - ❖ SCADA Network Room 114
 - ❖ Control Room 117
 - ❖ Supervisor's Office Room 108
 - ❖ Chief Operator's Office Room 112
 - ❖ Laboratory Room 113
- Solids Handling Building





06 Attendee Q&A