

ADDENDUM NUMBER 3

DATE: January 5, 2024
PROJECT: Paramount Pump Station Improvements
TOWN OF CARY JOB No. SW1191
OWNER: TOWN OF CARY, NORTH CAROLINA
ENGINEER: Freese and Nichols, Inc.
TO: All Planholders

This Addendum forms a part of the Contract Documents and modifies the Bidding Documents dated December 15, 2023 with amendments and additions noted herein below.

Acknowledge receipt of this Addendum in the space provided in the Bid form. Failure to do so may disqualify the Bidder.

This Addendum consists of 2 pages.

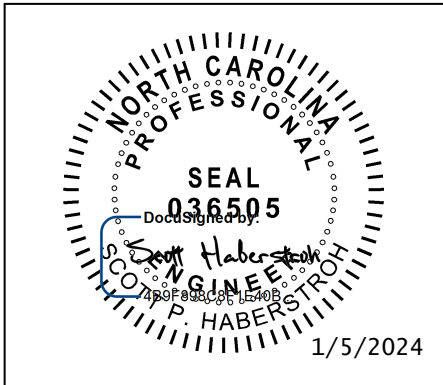
GENERAL CLARIFICATIONS:

- A. The use of NEMA 4X 316 per the table on sheet E-5 will be utilized.
- B. The questions and responses received during the bidding process are provided here for clarification.
 - 1. **Question:** It appears that the pump operation is controlled through SCADA and there is not a separate control panel, correct?
 - a. **Response:** Correct. Pump operation is controlled via SCADA, and there is no separate control panel.
 - 2. **Question:** Would you please confirm that the DB rating for the generator is 83dba?
 - a. **Response:** Per Specification 26 32 13 Section 2.14, the generator set enclosure shall be rated less than 73 dba at 7 meters. This requirement is in line with the Town of Cary spec requirements.
 - 3. **Question:** The Lighting Fixture Schedule on E-1 gives details for fixture/pole Z1, detail 2/E-5 shows a hinged pole which is not detailed on the schedule. Please confirm the requirements.
 - a. **Response:** The detail name for Detail 2/E-5 is incorrect; no hinge shall be provided / required for the light pole(s).
 - 4. **Question:** 7530-C requires an ANTX Scout dialer, are we to supply this on the pump station? Also, I don't believe ANTX is around anymore?
 - a. **Response:** ANTX is not required, and it is no longer available.

- 5. **Question:** 7530-A.6.0 requires a VFD with RVSS, clarify what the RVSS is for?
 - 1. Is it for bypass to VFD and located in VFD cabinet?
 - 2. The newly issued VFD specs (26 29 23 .210) call for a 3 contactor IEC rated bypass?**Response:** RVSS is an old term for SPD (Surge Protection Device) which is included in the service entrance rated panel "M" on sheet E-4 rather than on the VFD.

- 6. **Question:** 7530.B requires a relay logic control panel with motor circuit breakers etc?
 - 1. This conflicts with the RTU and control panel originally specified.
 - 2. How are the VFD's to be controlled, change speeds, etc?**Response:** The control panel is not utilized in the design.

- 7. **Question:** Section 26 29 23 deleted 2.03.H: "VFD's employing the use of 6-Pulse, Passive Filters, 12-Pulse, or "LCL" filter schemes will be rejected."
 - 1. This should allow ABB to quote a 6 pulse with passive filter or ULH (ultra-low harmonics) which is LCL design, VFD, please confirm.**Response:** The main goal for the VFD is to meet IEE 519 standards. The 6-pulse drive/VFD alone will not fulfill that requirement; therefore, if a 6-pulse drive is utilized, a passive filter is needed to meet the requirement. If the ULH can meet that requirement, then it is also an acceptable method.



DocuSigned by:
Scott Haberstroh
4B0F8980851E40B, I
Scott Haberstroh, P.E.
Project Engineer

01/05/2024
Date of Issuance

Seal

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