

DATE: March 24, 2016

BID #: WS 38-16

ADDENDUM NO. 1

TO THE CONTRACT DOCUMENTS:

Packaged Control System (Equipment Only Bid)

Meigs Seminole Pump Station Project
Okaloosa County Water and Sewer System
Okaloosa County, Florida

To All Document Holders:

The following changes, additions, and or deletions are hereby made a part of the Bidding Documents for the **Packaged Pump Station (Equipment Only Bid) for the Meigs Seminole Pump Station Project** – Project, Bid # WS 38-16 as fully and completely as if the same were fully set forth therein:

CONTRACT DOCUMENTS

TECHNICAL SPECIFICATIONS

16443 – Motor Control Centers

- 1) Section 16443 2.7 (A):
 - a. **REPLACE** – “...extended warranties equivalent to the Danfoss DrivePro-tection warranty” with “extended warranties equivalent to the 6 year Danfoss DrivePro-tection with 100% On-Site Warranty”.
- 2) Section 16443 2.7 (P):
 - a. **ADD** – Section 2.7 (P). “The VFD shall be provided with a remote keypad mounted to the exterior door or the associated MCC cubicle.”
- 3) Section 16443 2.7 (Q):
 - a. **ADD** – Section 2.7 (Q). The VFD shall enclosed in a NEMA type 1 housing at a minimum; Open chassis style VFDs will not be accepted.”

16900 – Instrumentation and Control

- 4) Section 16900 1.3 (A) (6):
 - a. **REPLACE** – “CompactLogix 1769-L35E” with “CompactLogix 1769-L33ER”.
- 5) Section 16900.1.5 (A) (3):
 - a. **REMOVE** - Electromagnetic Flow Meter

QUESTIONS

Q: It appears there are Qty. 4 – 110 HP pumps to be controlled by 4 – 125 HP VFD's mounted into a MCC. Correct?

A: Correct, Quantity of four (4) – Pumps and four (4) VFDs.

Q. Is the VFD is to include Ethernet IP?

A. Provide Ethernet IP modules for each VFD per Sect 16443.2.7(O)

Q. Please clarify if the drives should include internal fuses and if a NEMA 1 drive is required or will a chassis drive work.

A: Please see comments in Technical Specifications above.

Q. It's not clear if the keypad needs to be mounted on the door which if so we would need to supply remote keypad kits.

A: Please see comments in Technical Specifications above.

Q. There are additional components listed that would work with the VFD to be supplied by others such as the circuit breakers, input and output reactors as specified. We will need additional information in order to supply the proper VFD.

A. Please see comments in Technical Specifications above.

All Plan Holders shall acknowledge receipt and acceptance of Addendum No. 1 in the Proposal or by submitting the executed Addendum to Constantine Engineering prior to Proposal Submittal.

Constantine Engineering

 //Signed//

Joey G. Crews

Receipt acknowledged and conditions agreed to this

_____ day of _____, 2016

BIDDER

By

END OF ADDENDUM NO. 1