



Zarzamora Pump Station Improvements Project  
SAWS Job No. 15-6101  
Solicitation No. CO-00144-DW

**ADDENDUM No. 5**

November 9, 2017

This addendum, applicable to work designated above, is an amendment to the proposal and specification documents and as such shall be a part of and included in the Contract. Acknowledge receipt of this addendum by entering the addendum number and issue date on the space provided in submitted copies of the proposal.

**1. Questions**

**1.1. Question:** Will 3<sup>rd</sup> Party I/O Loop Testing be required for this project? And if required, please provide a list of approved vendors or qualifications?

**Answer:** Third party I/O loop testing will not be required for this project.

**1.2. Question:** Will the two weeks of ClearSCADA training for this project be required? This training can be very costly and if not necessary, could be removed to reduce the cost of the PCSI portion of this project.

**Answer:** Yes, Basic ClearSCADA training will be required for 5 people and Advanced ClearSCADA training will be required for 5 people. See modifications to Specification Section 17302 below.

**1.3. Question:** Will the PLC Hardware & Software training for this project be required? This training can be very costly and if not necessary, could be removed to reduce the cost of the PCSI portion of this project.

**Answer:** Yes, One week of custom software training for 5 people specific to the software provided on the project. In addition, one week of PLC hardware training is required for 5 people. See modifications to Specification Section 17302 below.

**2. Modifications to the Specifications**

**2.1.** Section 01270 paragraph 1.12.A:

In Item No. 7 Section 1.b.iv: remove “(Perforate and squeeze)” and replace with “(Perforate)”

In Item No. 7: change references from “Item No. 8” to “Item No. 7”.

**2.2.** Section 02700:

In paragraph 1.1.D: Remove the following language:

“Therefore, the WORK shall include and execute necessary investigative procedures to assure that there is adequate cement bond in the well casing annulus in accordance with EAA Rules. This is will include cement bond logging and if the bond is determined to be inadequate, remedial measures to mitigate this condition that may include casing perforation and pressure cementing (“squeeze”).”

In paragraph 1.1.E.3: Add the following sentence,

“Remove the blockage in the well that is 2 feet below the casing to a minimum depth of 25 feet below the casing.”

In paragraph 1.1.E.4: remove “cement bond log”.

In paragraph 1.1.E.5: remove this section and replace in its entirety with:

“Conduct remedial seal of casing annulus – perforating (as required by EAA);”

Remove paragraph 3.3.C.2 in its entirety.

**2.3.** Section 17302 Process Instrumentation and Control System Testing:

In paragraph 3.05.B.1.a.1), Replace the existing sentence with the following in its entirety:

“Provide one week of manufacturer’s standard basic training course for five (5) of Owner’s personnel in the operation, configuration, programming, and installation of the ClearSCADA software. Provide one additional week of manufacturer’s standard advanced training course for five (5) of Owner’s personnel in the operation, configuration, programming, and installation of the ClearSCADA software.”

In paragraph 3.05.B.1.b.1) Replace the existing sentence with the following in its entirety:

“Provide a custom training course specific to the programming and software used on this project (not the manufacturer’s standard training) for five (5) of the Owner’s personnel in the operation, configuration, programming and troubleshooting of the software and programs provided on the project. Provide one week of manufacturer’s standard hardware training course for five (5) of the Owner’s personnel in the operation configuration, programming, installation and maintenance of the PLC hardware supplied.”

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**END OF ADDENDUM**