

ADDENDUM No. 3

FOR THE

CITY OF DELANO WELL 41 EQUIPPING PROJECT

August 9, 2019



OWNER:
City of Delano
1015 Eleventh Avenue
Delano, CA 93216
(661) 721-3380

PREPARED BY:
QK.
5080 California Avenue, Suite 220
Bakersfield, CA 93309
(661) 616-2600

ADDENDUM No. 3

The following additions, deletions, or modifications shall become part of the Contract Documents for this Project:

REVISIONS TO SPECIFICATIONS

Special Provisions Part II

Item 1. Revise Section 43 20 01 Part 2, 2.02, A to Read:

A dilution system, at Delano Water Well 41 shall use a system of automatically creating small weight based batches (10 gallons approx) on demand to achieve dilution accuracies of up to 1/10th of 1%. Dilution system shall account for the difference of the specific gravity of water and the chemical used. The system shall use a microprocessor-based controller to control the opening and closing of a water valve and chemical transfer pump to create the diluted batch. Dilution system shall be capable of diluting any strength of neat chemical solution to as low as a 0.1% chemical solution. Dilution system shall be preassembled, calibrated, and tested prior to delivery. Complete dilution system shall include all necessary piping, valves, plumbing connections, transfer pumps, dilution tank, weight sensors, controller, and relays necessary for sole source responsibility. System shall allow Sodium Hypochlorite to be delivered from supplier at any strength (12% to 15% typical) and shall then dilute chemical to any solution strength (0.8%-5% typical), but shall not be limited to this strength. System shall have a maximum capacity of 1,000 gallons of diluted chemical per day. Diluted chemical shall be automatically transferred via gravity to a 55 gallon feed tank. Dilution system shall be the Merlin Automated Onsite Dilution System Model MDS-17D-55F as manufactured by Force Flow, 2430 Stanwell Drive, Concord CA 94520 (www.forceflow.com). **No substitution will be allowed.**

CONTRACTOR QUESTIONS

- Q1.** Are the following manufactures approved?
- a. Flowserve
 - b. Simflo
- A1.** Yes
- Q2.** Please confirm with the customer if they would like DIP pipe instead of C900 for bid item 34 red lined print shows DIP.
- A2.** Yes the connection pipe from the well to the existing main shall be Ductile Iron Pipe.
- Q3.** Answers to question Q9 and Q11 are contradicting regarding whether the pumps' shaft enclosing tubing is required to be epoxy coated. A9 tells us it does not need to be epoxy coated and A11 tells us that is shall be epoxy coated.
- A3.** The 3" tube **is not** epoxy coated as stated in the specifications.

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Q4. For Rule 16: I need type and size of pad mounted transformer SCE is requiring. Need size, type of conduit and number of conduit SCE is requiring. I cannot find the size and specs for the intake fan and the exhaust fan. Also, can't find specs for type of pressure switch, flow meter the City of Delano is requesting. And if electrical contractor is responsible for the pressure switch, flow meter and Honeywell chart recorded inside the chemical building. (they have been unable to get a hold of Matt De Malignon from SCE)

A4. SCE is working on their design it will be provided to the bidders as soon as it is received.

The pressure switch shall have an operating range of 50-150 psi and all parts in contact with potable water shall be NSF 81 certified. Selected Contractor shall submit pressure switch selection for review by engineer.

The flow meter shall be an 8" Ultra Mag Flow Tube Sensor with Local Mount M-Series 24 volt Converter. No substitution will be allowed.

Chlorine Exhaust Fan shall be Greenheck SE1-12-136-G, GCE 402 18x18 or approved equal per sheet 10 of the plans.

The contractor is responsible for the pressure switch, flow meter and Honeywell chart recorder inside the chemical building.

NOTE: One copy of this Addendum Number 3 shall be signed by the Contractor and must be submitted with the bid as acknowledgement of receipt and acceptance of this Addendum Number 3.

Prepared by: 
Rebekah Godett, P.E.
QK

8/9/19
Date

Accepted by: _____
Contractor (Signature)

Date

Contractor (Print Name)

Title