



Department of Public Works

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Project: Oak Terrace Well House
Interconnect and System Improvements
Bid# 24227
PW# 2015.003
1/26/2024

Addendum 2

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

This Addendum consists of two (2) pages, including:

- Revisions to the Project Manual
- Questions and Clarifications
- Attachments:
 - Well No. 3 Reports
 - Well No. 4 Reports
 - Updated C-200 Site Plan

FRONT END DOCUMENT REVISIONS

1. Bid Form, Page B-3
 - a. Remove Bid item No. 8 and replace with the following:

“Furnish and installation of Well Pump No. 3 and well modifications, including pitless adapter.”

Note the only revision is changing “4” to “3.”

TECHNICAL SPECIFICATION REVISIONS

1. Drawing C-200 shall be removed from the plan set and replaced with the version enclosed in this addendum. The gas service alignment has been added to the plans.
2. Drawing PR-200
 - a. Update sheet title to “PROPOSED WELL PUMP NO. 3”
 - b. Update all references of “Well No. 4” to “Well No. 3”
 - c. Replace Keynote 1 with the following:

“Proposed 4” diameter column pipe shall be galvanized steel with threaded joints. Discharge piping shall be 4” diameter C-900 PVC.”

3. Section 13 34 23, Fabricated Structures
 - a. Remove Paragraph 1.4.A.1.c.
 - b. Remove Paragraph 2.2.G.8.

QUESTIONS AND CLARIFICATIONS

Question 1: Can you provide the drilling log for Well No. 3?

Answer 1: Yes. The drilling log and as-built diagram for Well No. 3 are attached.

Question 2: Is the intent for a pitless unit and pump to be installed into two new wells or just one?

Answer 2: A new pitless unit and pump will be installed only at Well No. 3.

Question 3: How should the pitless unit be sized?
Answer 3: The pitless unit should be sized based on PR-200 and attached as-built diagram. Note that the discharge piping must have at least 5.5 ft of ground cover.

Question 4: Can the water service piping be installed via open cut?
Answer 4: Yes. The water service piping can be installed either via open cut or HDD.

Question 5: Is the project subject to prevailing wage requirements?
Answer 5: Prevailing wages are required for all work on the project.

Question 6: Should we be bidding on American Iron & Steel (made and manufactured in USA)?
Answer 6: The project is being funded in part by ARPA funds. Buy-America provisions are preferred but not mandatory to this project.

Question 7: Will the telemetry hardwire I/O be part of the control loops shown on sheet I-100 or will the signal be split within the building control panel? Or was the intent to just install a cellular router within the telemetry panel and connect it to the building control panel PLC via CAT6 cable, making the I/O shown a representation of what status's should be brought into SCADA?
Answer 7: The plans and specifications indicate independent an independent control panel and independent telemetry panel. The intention is to have the signals identified on sheet I-100 to be communicated to LCPW SCADA via cellular connection. Prewired structures often include a manufacturer's "standard" control panel that does not include the ability to directly communicate information back to SCADA. The Telemetry panel is shown to represent the equipment required to handle the interface between the manufacturer's control panel and the cellular connection. If the building control panel is capable of communicating directly to the cellular connection, then it is acceptable for the telemetry panel to only include the equipment required for the cellular connection. The interconnect diagram on sheet E-500 is intended to include all possible wiring requirements between the control panel and the telemetry panel. The intention is not to require hardwired connections, but to reinforce the fact that multiple signals will need to be communicated through the telemetry panel. Final design and installation of the interface between the control panel and the telemetry panel is the responsibility of the team of the building supplier, the integrator and the contractor. Specific responsibilities for each of these parties are identified in Specification 40 95 13, Part 1.3 Division of Work.

Question 8: The Sierra Wireless Cellular Radio model (GX450) listed within 40 95 13 is considered End of Sale. Is the RV55X model acceptable?
Answer 8: Yes, this is acceptable.

Question 9: Is a skid required for the filter system?
Answer 9: No, the filters do not need to be on a skid.

Question 10: How will the filter backwash be controlled?
Answer 10: The backwash will be controlled via Fleck valves and not a PLC with electric valves.