ADDENDUM #1

PLANS, BIDDING DOCUMENTS, AND TECHNICAL SPECIFICATIONS FOR HIGHLAND CITY WELL #1 AND WELL #5 CHLORINATION

BID OPENING DATE: JANUARY 8, 2026 @ 10:00 AM

January 5, 2026

TO: ALL PLAN HOLDERS

The following clarifications, changes, additions, and/or deletions are hereby made a part of the above-listed project as fully and completely as if the same were set forth therein. Contractors bidding the project shall conform to these revisions and acknowledge receipt of this Addendum on the Bid Form.

RESPONSE TO QUESTIONS SUBMITTED VIA THE U3P WEBSITE
(These responses shall be incorporated into the Contract Documents for the project)

A1.1 Q: What is the estimated construction budget?
A: $460,000

A1.2 Q: Sheet E3.1 calls for a new PNL-H for Well #5. Please provide a location for this panel on the drawings and update the one-line to reflect it.
A: Sheet E3.1 does not have any reference to a Panelboard H. There will not be a Panelboard H for Well #5. The Power One-Line is showing a power splice enclosure to be installed above the existing motor controller. Conductors from the ATS shall be spliced and the taps installed to two loads, 1) the existing motor controller CB, and 2) the fused disconnect for the new 480:120/240V transformer disconnect. Sheet E3.5: The Well #5 New Panel-H Panelboard may be eliminated.

A1.3 Q: On sheet E2.1, there is a mention of a portable backup generator connection point. Is this existing equipment to remain in place, or are we replacing it with new equipment?
A: Keynotes 1 & 6 cover the portable backup generator connection point and the work to be done. Refer to the 2nd photo left side from the top of the sheet for the equipment. This equipment to remain.

A1.4 Q: In sheets E4.1 and E4.2, an F2 type light fixture is referenced. I cannot find a fixture schedule. Could you please provide a description of the F2 fixture?
A: Provide a Lumark XTOR21-PC1, 18VA, LED, 2150 lumens, 4000 Kelvin Wall fixture with a built-in photocell.

A1.5 Q: Drawing E1.2 details equipment/switches/instruments/valves for this project. There is a matrix of responsibility on who is providing & installing all of the above-mentioned equipment. While performing on other pump stations similar to this project, most of the more technical items were procured by the customer. What items is the electrical

contractor expected to purchase. Also is there a list of preferred/required manufacturer's or part numbers for these items especially the instruments that are being purchased by most likely the electrical contractor? Also is there any items that will be or have been purchased by the customer for the contractors to install?
A: The tables on Sheet E1.2 indicate what equipment is to be supplied and installed by the Contractor. The electrical specifications provide the preferred/required manufacturer and part number. There is not any equipment that has been purchased by the Owner for the Contractor to install. See Note 13 on Sheet E4.1 for HVAC equipment that is to be provided and installed by others.

A1.6 Q: Can excavation spoils be spread on site?
A: Excess materials are not allowed to be spoiled on site, however it is anticipated that the project will result in very little spoil material.

A1.7 Q: In question A1.2 the correct sheet referencing PNL H for well #5 is sheet E3.4 instead of sheet E3.1. Same question applies.
A: Well #5: Panelboard H is not required. Provide an enclosure installed above the existing motor controller for power cable splices.

A1.8 Q: Plans and specs do not clearly state if the contractor is responsible for providing chlorine cylinders for the project. Most Municipalities seem to rent cylinders from the supplier. Is that the case with this project? Please advise.
A: Contractor is not required to provide the chlorine cylinders.

A1.9 Q: Could Mitsubishi be added to the approved manufacturers list for the Variable Frequency Controller?
A: Mitsubishi VFD is an acceptable VFD manufacturer.

A1.10 Q: Please clarify. The panel schedule does not list a NEMA type for the panel. Usually when this is the case we quote NEMA1 enclosures but I wonder if it needs a higher level of protection because of its location in the chlorine room. (E4.1 Drawing ID 17, E4.2 Drawing ID 67, E3.2, E3.4)
A: Please provide a NEMA 4/4X Panelboard in the Chlorine Room.

A1.11 Q: The May 15 substantial completion date seems to be aggressive. Assuming we get a contract in place by February 1, the allowed time for construction is 14.8 weeks. This is what I'm told for delivery times: 150 HP VFD, 10-12 weeks after submittal approval. Rotork actuators, 20-24 weeks after submittal approval. Electrical panels and equipment, unknown at this time. Chlorination equipment, shouldn't be a problem.
A: The May 15 completion date is required due to the city's funding method for this project. Regarding the VFD, we contacted a local supplier and they checked with Eaton, Scheinder, and Yaskawa and all currently have stock for the VFD. Regarding the Rotork actuator, if the specified IQS12 with IB5 worm gear is not available in time, then the IQS20 actuator without a gearbox would be allowed.

A1.12 Q: What are the specifications for the 10" PVC duct?
A: The 10" PVC duct is to be Sch 80 PVC.

A1.13 Q: What are the specifications for the actuated louvers, and where are they installed?
A: The actuated louvers are to be Ruskin (or approved equal) with a maximum air flow of 450 cfm. The louvers are to be 16" x 16" with a combination louver and damper with motor actuator. They are also to include a Ruskin ABAR24-SR 24 Volt, spring return air damper actuator. The damper actuator is to be tied to the control system for the room. The locations for the louvers are shown on Sheets E4.1 and E4.2.

A1.14 Q: What are the specifications for the electric unit heaters?
A: The electric unit heaters are to be 950 watt, 120 VAC, 1 phase. Additional details are included under Item A1.16 below.

A1.15 Q: A chlorine analyzer is shown on drawing E1.2, Well 5 Instrument Schedule. However, the drawings don't show it being connected into the existing RTU (Drawing E2.4). Where is the signal sent?
A: The conduit/conductor for the Residual Chlorine analyzer at Well #5 is indicated under Item A1.17 below.

TECHNICAL SPECIFICATIONS

A1.16 SECTION 26 05 05 – Electrical Equipment

ADD the following Paragraph:

2.14 ELECTRICAL UNIT HEATER

a. Manufacturer/Model:

i.King/Pic-A-Watt
ii.Approved equal.

b. Electric heater shall be supplied with a universal mounting ceiling/wall bracket.

c. Unit shall have built-in thermostat, operating range 40-deg to 90-deg F.

d. Heater shall have heavy duty contactors and fusing where required.

e. Heater shall be equipped with a fan delay to eliminated cold draft on startup.

f. Unit shall have a selectable heating wattage:
i.120 VAC, 1 phase: 950, 1900 or 2850 watts.

DRAWINGS

A1.17 SHEET E2.4

ADD to the Instrumentation and Control One-Line Diagram, a 3/4" conduit with #18TSP conductors from the existing SCADA RTU enclosure to the new Residual Chlorine Analyzer AIT-1. (Note: It will be identical to what is shown on E2.2.)

END OF DOCUMENT