



Date: May-27-19
To: Bidders for Norfolk County Bid No. PW-E-19-42
Delhi Wells 3A & 3B Upgrades
From: Scott Zerbes, Project Manager, Public Works
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Subject: Addendum No. 4 (5 pages)

ADDENDUM No. 4

This Addendum shall form part of the Contract Documents.

The Bidders should acknowledge receipt of this Addendum on the Submission Form – Appendix A.

1. Question:

Could you provide confirmation one the well casing diameters. The drawing & well record shows different that what I saw at the site.

Answer:

Well casing diameters are to be taken as per the well records.

2. Question:

Spec 15830 for electric heating devices describes explosion proof heaters
Drawings don't indicate anything else in pumphouse #3 is to be Class 1 Div.
1. Is it required that the electric unit heater is Class I Div. 1?

Answer:

Electric unit heater is not required to be Class 1 Division 1.

3. Question:

Please confirm sample points are to be 15mm dia as shown on the plan drawings rather than 40mm per detail 4 on drawing P002.

Answer:

Confirmed, sample points to be 15mm.

4. Question:

Refer to drawing P101. Please confirm 4" piping under building is to be ductile iron up to the transition coupling rather than PVC as shown.

Answer:

Confirmed, 100mm piping to be DI from the first flexible coupling as noted.

5. Question:

Refer to drawing P201. Please confirm the intent is to go from stainless steel to Ductile to PVC at the south wall of the building rather than Stainless steel directly to PVC underground.

Answer:

Confirmed, intent is as per the drawings.

6. Question:

P201 shows raw water inlet from wells 3A & 3B entering pumphouse #2 at an elevation 2.2m above finished floor. Does the exposed section of pipe outdoors get heat traced and insulated, or have an insulated box installed over it? Cannot find a detail about how this gets finished, please provide.

Answer:

Heat tracing per electrical drawings, insulation as per Addendum No. 2.

7. Question:

G101 Well 2 – Site Plan shows a pipe ending downstream of a valve noted as "swab retrieval" with an invert of 236.40. It looks like this invert 236.40 is above grade at that point and there is no detail on how this pipe terminates; is plain end, capped, etc. Please provide a detail on how this pipe terminates.

Answer:

Correct, pipe is to terminate above grade. Exposed PVC pipe to be capped.

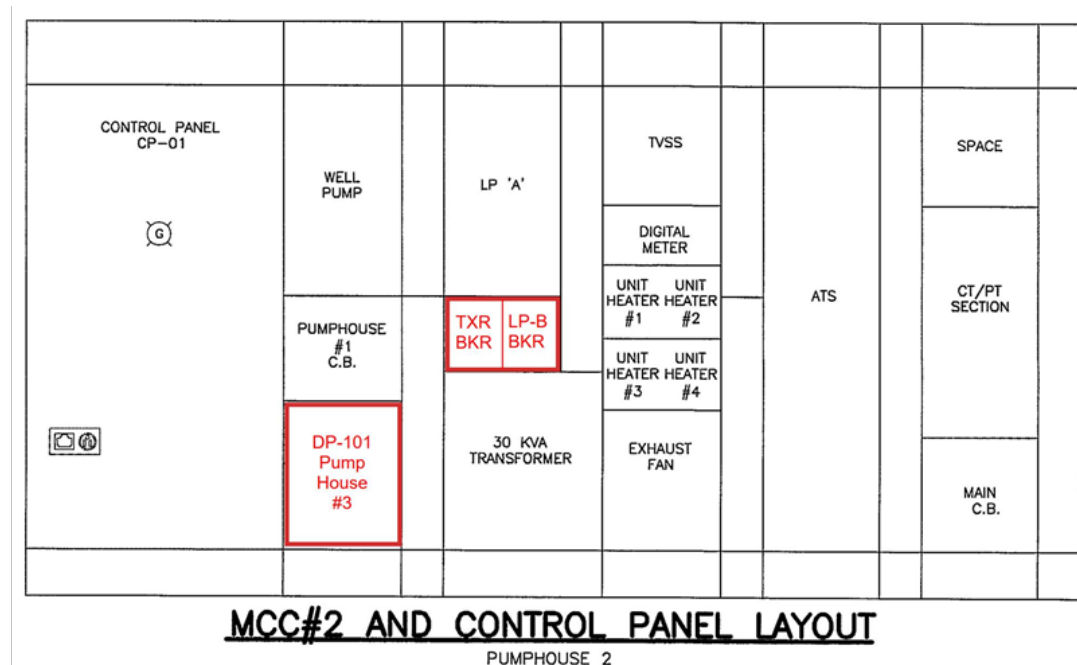
8. Question:

E103 Fig. 1 and 2 of existing MCC-2 shows the location of the new circuit breaker for wells 3A & 3B to be installed in available space located between the main hydro service and the ATS which will mean that the new wells will not be protected by standby generator, and this is not how it is shown on the single line diagram. Please confirm the location of the circuit breaker for the new wells.

Answer:

Location of new circuit breaker to be revised as per description below:

- a) Remove existing TXR feeder bucket from MCC-2;
- b) Remove existing LP-B feeder bucket from MCC-2;
- c) Install new dual-mounted feeder tap bucket in MCC-2 (in the space of item #1 removal) with both TXR and LP-B breakers;
- d) Reconnect the power cables to the new bucket.
- e) Install new feeder bucket for DP-101 (Pump House #3) in MCC-2 (in the open place of former LP-B bucket);
- f) See sketch below with the final MCC-2 elevation.



9. Question:

Section 13373:01 Magnetic Flow Meter – Please confirm Siemens will be considered an approved vendor for magnetic flow meters.

Answer:

Siemens is hereby considered a named alternate for Specification Section 13373.

10. Question:

Section 13341:03/04 Pressure Indicators – Winters is approved vendor for Type A diaphragm seals and would like to added as approved vendor for Type A pressure gauges therefore a complete fill assembly can be completed by the factory.

Answer:

Winters is hereby considered an acceptable alternate for Specification Section 13341 Type A pressure gauges.

11. Question:

13382:03 Note 2 – The Hach CL17 unit is Colorimetric therefore there are no electrodes so automatic cleaning cannot be provided.

Answer:

Noted, automatic cleaning not required.

12. Question:

Drawing P101: The Well 3B Pitless Adapter Arrangement Detail notes a 40 dia GALV. PIEZOMETER C/W LOCKING CAP & TAG. Can you please provide some additional specifications for this feature as it is not clear what is needed. Will the Piezometer be installed permanently and if so, its cable would exit the wellhead through one of the junction boxes. Why would there need to be separate locking cap for the piezometer and where is this to be located?

Please see photo attached for a custom MB HD well cap with a separate locking cap—is this what is required?

Answer:

Piezometer is not required for either well, P101 note “40 GALV. PIEZOMETER C/W LOCKING CAP & TAG” is hereby deleted. Note, a copy of the photo received from the bidder is not being attached to the addendum.

13. Question:

I noticed there is a signage specification 10400 for this tender but I don’t see any reference on the drawings for any signage. Is it required? It refers to Door 103A in specification but the new pump room is 101. Please confirm signage requirements.

Answer:

Schedule of signage is hereby revised to that shown below:

Schedule of Signage:

<u>LOCATION</u>	<u>Door #</u>	<u>WORDING ON SIGNS</u>	<u>Colours</u> L = letter B = background	<u>COMMENTS</u>
<u>Pumphouse No. 3</u>	D101	‘CAUTION – EQUIPMENT STARTS AUTOMATICALLY’	L: white B: black	External side of the door
		“NOTICE AUTHORIZED PERSONNAL ONLY’	L: white B: black	External side of each door

14. Question:

I kindly request you to consider naming Golden Anderson in Section 15100 for the supply of Swing Flex Check (2.08), AWWA Butterfly Valve (2.10) and Combination Valve (2.12).

Answer:

Golden Anderson is hereby considered an acceptable alternate for Section 15100 Swing Flex Check Valves (2.08) and Butterfly Valves (2.10).

End of Addendum