

**BLDC Water Wastewater Infrastructure Program
Tender Package # 5C.1 – Potable & Reclaimed Water Reservoir Transfer Networks – Pumps & Controls**

Addendum Two

DATE: 09-02-22

METHOD OF DELIVERY: EMAIL

Request for Proposals NO.:

POSTED ON: <https://www.bldc.bm/category/tenders-rfps/current-tenders-rfps/>

This Addendum forms part of the RFP documents and will be subject to all the conditions set out in the contract conditions. This Addendum Two contains 1 (One) page.

Part A- Questions and Clarifications:

1. Attachment 1- Answers and Clarification - Addendum 2

Tenderers to refer to the Answers and clarifications as noted.

Bidders are requested to acknowledge receipt of this Addendum (Two) by emailing:

Mr. Stephen Tucker at stucker@bldc.bm

END OF ADDENDUM TWO

Attachment 1- Answers and Clarification Document- Addendum 2

Bidders' Questions:

1. Typical for all . E-5401 - shows a heat detector in the center of the room- is there an existing system installed. Should we allow for a fire alarm panel? Does this need to communicate with any central location within the BLDC or does the BLDC already have a provider for this?

Designer Answer: Heat detector is currently shown as stand alone unit. BLDC to confirm if integration with larger system is desired.

BLDC Designer: Contractor to provide and install the stand-alone heat detectors. No Integration

2. E-5401 - shows a DL and a mag lock but no card reader. Does the BLDC have a provider for this system / equipment, or any requirements for the system?

BLDC Answer: Card Readers are not part of this Contract.

3. E-5401 - Can you confirm if the EMG/exit signs are existing or should we allow for to install – if so, will any of the fixtures be provided by the BLDC?

Designer Answer: No they are not existing, BLDC will not provide these fixture you are to supply them.

BLDC Answer: Contractor to provide and install these as part of the lump cost in each reservoir.

4. E-5401 says “relocated distribution pump set with skid mounted control panel. Provide new Fiber switch for existing panel (Refer to TP-6 for more information) Can you provide TP-6 or the required information?

Designer Answer: TP 6 is not complete yet, once complete the drawings will be provided to you. Correspond with the BLDC regarding this time-line.

BLDC Answer: Fiber Switches are integral part of the Control panel and Supplied by BLDC. TP-6 is a separate package for Fiber cabling and termination and it will not be provided to the Contractor at this time. TP-6 Contractor will do all Fiber cable installation and termination.

5. Will the pump controllers be preprogrammed with the required parameters, or will the BLDC provide the programming of the controllers? Or should we allow?

Designer Answer: The BLDC to confirm this, however the controllers are understood to come preprogrammed.

BLDC Answer: All Control panels are pre-set and pre-programmed. Contractor not to provide any programming

6. Res No. 16 E-5401 Rev 2 & C-5401. Is there an existing conduit installed from the handhole located on 5401 to Reservoir 16?

Designer Answer: No you will need to provide this length of conduit.

BLDC Answer: Contractor to provide the necessary conduit from the handhole to Reservoir 16 as indicated by the designer. The cost shall be part of the lump sum cost.

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7. Res No. 16 E-5401 Rev 2 & C-5401. Will the level transducers be provided by the BLDC and if so, will the cable length equipped with the transducers be long enough to make it from RES # 16 to the pump station?

Designer Answer: Level transducers will be provided by the BLDC. The contractor will be responsible for providing the wire to connect the equipment to its termination points. I believe this is standard electrical wire, unsure of the gauge at this stage.

BLDC Answer: Contractor to allow cost for the wiring as necessary in the Lump Sum cost including termination.

8. Water & wastewater BLDG NO 609. Will the level transducers be provided by the BLDC and if so, will the cable length equipped with the transducers be long enough to make it from RES # 16 to the pump station?

Designer Answer: The level transducers will be supplied by BLDC. The level transmitters in this wet Well do not run to reservoir 16. They will communicate with the pumps in 609 and either direct the reclaimed water to fill the well or to a bore hole for disposal if its full.

9. Water & wastewater BLDG NO 609. Will the Flow meters in the control room be provided by the BLDC?

Designer Answer: Yes this will be provided by the BLDC. This information can be found in the specifications document.

10. Water & wastewater BLDG NO 609. 5402 shows a PLC panel – who is responsible for supplying, programming and installing?

BLDC answer: PLC panel are supplied by BLDC.

11. Res No. 13 E 5403 - C5403. Is there an existing conduit installed from the handhole located on 5403 to Reservoir 13?

Designer Response: I do not see any hand holes on C5403, there is no existing conduit in place, this is a new building. In any case, you are required to provide any piping necessary to the split line between TP5C and TP5A, which is indicated on the drawings.

BLDC Response: The Contractor to supply and install the necessary piping as indicated above in the Designer Response

12. Res No. 13 E 5403 - C5403. Is there an existing conduit installed from the handhole located on 5403 to Reservoir 13?

Design Response: Same question as previous (Question #11).

13. Res No. 13 E 5403 - C5403. Will the level transducers be provided by the BLDC and if so, will the cable length equipped with the transducers be long enough to make it from RES # 13 to the pump station?

Designer Response: Yes the transducers will be provided by BLDC. Wires do not come with the device, you will be required to provide this.

BLDC Response. Contractor to provide the cable and installation as indicated in the Designer Response and that should be part of the Scope and lump sum cost submitted.

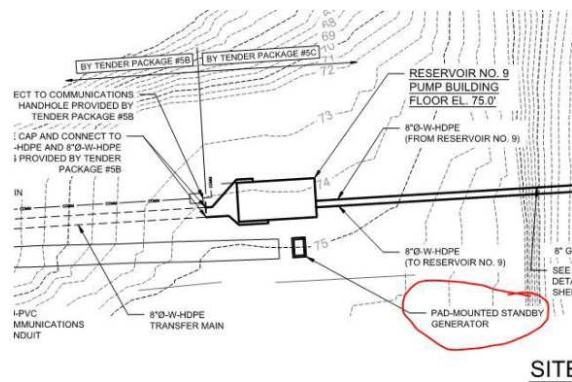
Attachment 1- Answers and Clarification Document- Addendum 2

14. Res No 9 E504 – C5404. This appears to be a new building . Will BLDC be providing the new fixtures or will they supply a fixture schedule? Or should I make allowances for vapor proof fixtures.

Designer Response: Yes this is a new building. You will need to provide basic light fixtures, switches and outlets etc. These fixtures do not need to be anything more than what can be found in other pump rooms. Vapor proof is not required.

BLDC Response. Contractor to provide items indicated in the Designer Response above and that should be part of the Scope and lump sum cost submitted.

15. Res No 9 E504 – C5404. The one-line drawings says the generator feeders shall be trenched to RES 9. Is this correct because it seems like a long distance to trench for a small generator.



The above sketch shows the location of the generator. This is a very close run to the Res 9 pump room. The one line on E5404 incorrectly states Res 3. This should state Res 9.

BLDC Answer: Follow the direction of the Designer above.

16. Res No 9 E504 – C5404. Will the BLDC be providing the generator and ATS.

Designer Response: Yes BLDC will provide all of these items.

17. Res No 9 E504 – C5404. E-5404 - shows a Heat detector in the center of the room- is there an existing system installed? Should we allow for a fire alarm panel? Does this need to communicate with any central location within the BLDC? or does the BLDC already have a provider for this?

Designer Response: Heat detector is currently shown as stand alone unit. BLDC to confirm if integration with larger system is desired.

BLDC Designer: Contractor to provide and install the stand-alone heat detectors. No Integration.

18. Res No 9 E504 – C5404. E-5404 - shows a DL and a mag lock but no card reader. Does the BLDC have a provider for this system / equipment? Or any requirements for the system?

BLDC Answer: Same question in No 2 above. Refer to the answer for question #2

19. Res No 9 E504 – C5404. C-5404 says “connect to communications handhole provided by tender package #5B – What are we connecting to and where are we taking the conduit to?

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Designer Answer: You are to provide a conduit from the inside building connecting to a hand hole just outside of the building. This conduit will have fiber comm lines running through it. The running of the fiber lines is the responsibility of TP6 Contractor (not part of this Scope).

BLDC Response. Contractor to provide the conduit and installation as indicated in the Designer Response and that should be part of the Scope and lump sum cost submitted.

20. Res No 9 E504 – C5404. Who is supplying & installing the flow meters, and the electric actuated butterfly valve?

Designer Response: BLDC will supply the equipment, Contractor are responsible for installation.

BLDC Response: The installation of BLDC supplied Valves and flow meters are the responsibility of the Contractor's responsibilities and under the scope of this Contract.

21. Res # 8 E5405. Says “provided new fiber switch and Grundfos I/O module to existing control panel. Refer to TP-6 for more information. Are we responsible for supplying this equipment and terminated fiber connections?

Designer Response: All of this is equipment will be supplied by BLDC or TP6 contractor. Termination is also part of TP6.

BLDC Response: As indicated above that the fiber switches are integral part of BLDC supplied Control panel, no requirements to provide switches under this contract. All fiber connections and termination will be responsibility of TP#6 Package Contractor.

22. Res # 8 E5405. Will the level transducers be existing or new?

Designer Response: All Level transmitters are new.

BLDC Response: New transducers

23. Res # 8 E5405. Are the flow meters and electrical valves existing or new?

Designer response: All equipment will be new.

BLDC Response: All new Valves and flow meters.