



477-2024 ADDENDUM 01

PERIMETER ROAD PUMPING STATION 2024 UPGRADES

URGENT

PLEASE FORWARD THIS DOCUMENT TO WHOEVER IS IN POSSESSION OF THE BID/PROPOSAL

ISSUED: July 9, 2024
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THIS ADDENDUM SHALL BE INCORPORATED INTO THE BID/PROPOSAL AND SHALL FORM A PART OF THE CONTRACT DOCUMENTS

Template Version: Add 2024-02-01

Please note the following and attached changes, corrections, additions, deletions, information and/or instructions in connection with the Bid/Proposal, and be governed accordingly. Failure to acknowledge receipt of this Addendum in Paragraph 10 of Form A: Bid/Proposal may render your Bid/Proposal non-responsive.

PART B – BIDDING PROCEDURES

Revise: B2.1 to read: The Submission Deadline is 12:00 noon Winnipeg time, July 18, 2024.

PART E – SPECIFICATIONS

Add: E11.6 Pumps 1 & 2 and their respective motors may be marked for salvage.

Add: E15.3.9: Wastewater Lift Pump Installation:

- a) Pump, motor, drive shaft handling and installation shall be in accordance with pump manufacture recommendations including but not limited to the pump and motor stand leveling, anchor bolts and grouting procedures.
- b) Anchor bolts are to be supplied by the contractor but in accordance to pump manufacture requirements.
- c) Pump manufacture will supply a terminal box on the pump and terminal box on the motor. Pump and motor sensors will be wired to the corresponding terminal boxes by the pump supplier. Contractor is responsible for wiring to these terminal boxes. Contact the pump supplier for any coordination needed.
- d) Motor stand to be leveled and grouted only after pump is installed. Motor stand leveling and grouting elevation to be determined by Pump supplier only after pump is grouted and installed in place. Please also note the offset required.
- e) Drive shaft and drive shaft guard are not to be installed until after the pump and motor have been installed and the grout has cured.
- f) Leveling nuts or shims are not to be imbedded in the grout and shall be removed after grouting. Ensure grout is evenly placed with full contact on the pump equipment with no voids. If voids or poor contact to the pump equipment is found contractor is responsible for removal and regrouting of the equipment. Grout to be used is non-shrink epoxy grout only.

Revise: E15.2.5 to read: Flexible Couplers

- a) Dresser Style 38 or ROMAX XR501
- b) Ductile Iron construction with Steel Bolts
- c) SBR rubber gaskets

- d) Provide adjustable restraining bolts or Dresser Style 440 Harness with welded lugs as recommended by the supplier

Revise: E19.7(a) to read: Commissioning will be measured on a **fixed fee** basis at the Price for “Commissioning” as shown in Form B: Prices, for supplying all Documents and for performing all operations herein described and all other items incidental to the Work included in this Specification and accepted by the Contract Administrator.

Revise: E20.7(a) to read: Training will be measured on a **fixed fee** basis at the Price for “Training” as shown in Form B: Prices, for supplying all Documents and for performing all operations herein described and all other items incidental to the Work included in this Specification and accepted by the Contract Administrator.

Revise: E22.11(a) to read: O&M manuals will be measured on a **fixed fee** basis at the Price for “Operation and Maintenance Manuals” as shown in Form B: Prices, for supplying all Documents and for performing all operations herein described and all other items incidental to the Work included in this Specification and accepted by the Contract Administrator.

DRAWINGS

Replace: 477-2024_Drawing_1-0103- PPID-M002-001-01 with 477-2024_Addendum_01_Drawing_1-0103-PPID-M002-001-02

Replace: 477-2024_Drawing_1-0103-ANET-M001-001-00 with 477-2024_Addendum_01_Drawing_1-0103-ANET-M001-001-01

Replace: 477-2024_Drawing_1-0103-MGAD-M002-001-01 with 477-2024_Addendum_01_Drawing_1-0103-MGAD-M002-001-02

Replace: 477-2024_Drawing_1-0103- MGAD-M003-001-01 with 477-2024_Addendum_01_Drawing_1-0103-MGAD-M003-001-02

Replace: 477-2024_Drawing_1-0103-MDTL-M001-001-01 with 477-2024_Addendum_01_Drawing_1-0103-MDTL-M001-001-02

Replace: 477-2024_Drawing_1-0103-ESLD-M001-001-01 with 477-2024_Addendum_01_Drawing_1-0103-ESLD-M001-001-02

Replace: 477-2024_Drawing_1-0103-ETLD-M001-001-01 with 477-2024_Addendum_01_Drawing_1-0103-ETLD-M001-001-02

Replace: 477-2024_Drawing_1-0103-EWDG-M002-001-01 with 477-2024_Addendum_01_Drawing_1-0103-EWDG-M002-001-02

Replace: 477-2024_Drawing_1-0103-EWDG-M004-001-01 with 477-2024_Addendum_01_Drawing_1-0103-EWDG-M004-001-02

NMS SPECIFICATIONS

Revise: Section 01 52 00

Revise: Section 26 05 31

Revise: Section 26 05 34

QUESTIONS AND ANSWERS

Q1: **Please clarify the contractor scope with the pre-procured equipment**

A1: The contractor is responsible for on-site movement, installation, wiring, and commissioning of the pumps, motors and VFDs supplied and delivered to site by others. The suppliers will assist in commissioning and startup, the VFD supplier will provide software commissioning for the motor protection relays to be mounted on the VFD cabinets.

Q2: What type of conduit and cabling is required?

A2: See amended single line diagram. Utilize existing rigid steel conduit for new utility feed cables inside the station, new exterior trenched conduit shall be DB2 conduit. VFD rated cabling is required from the equipment to the motors, Utilize TECK for other power wiring within the station. Match existing rigid aluminum conduit style for control wiring, see amended specification section 26 05 34 (3.2.1) for minimum conduit sizing.

Q3: Are the existing trenched conduits planned to be replaced?

A3: The design currently is to keep existing conduit and add the new conduit to the trench as per the detail in the drawings; however, current condition of the trenched conduit is unknown and if replacement is required it will be counted towards the extra work allowance.

Q4: Will the station remain energized on the Rannock supply feed throughout construction.

A4: Yes, the station must remain operational throughout construction. As per A3, if the conduit on the primary feed requires replacement a changeover plan must be submitted for approval and temporary power must be provided to maintain operation during the work.

Q5: Specification section 01 52 00 item 1.6.4.5 asks for a stamped engineer drawing for the trailer stabilization, please confirm this is not required.

A5: This is not required. Please see amended Section 01 52 00.

Q6: Drawing CGAD-M001-001-00 indicates contractor to remove the existing pole. On drawing EGAD-M001-001-00 indicates contractor to coordinate with MB Hydro on this pole removal. Please confirm if MB Hydro will be removing the pole.

A6: The contractor is to remove the entrance pole and conduit. Hydro will remove the Hydro owned cables.

Q7: Would it be acceptable to install blanking plates instead of a new front panel for the utility switching compartment? (drawing ETLD-M001-001-00)

A7: Assume for the purposes of bidding that a new front panel is mandatory.

Q8: Are the two pump motors to have VFD cable (DriveRX) feeding them? The SLD drawing (ESLD-M001-001-01) only indicates RW90 but the spec section 26 05 21 does mention VFD cable.

A8: The pump motors will require VFD cables. See amended single line drawing.

Q9: DCS programming is by city? Is any additional DCS hardware required or are new points connected to existing spares?

A9: DCS programming will be by the city. New DCS points will go to existing spares. The contractor is required to run wires up to the DCS I/O card terminations and adding any terminal blocks as indicated and required in the field termination panels.

Q10: What is the open area requirement?

A10: Enough space for the water deliveries for the onsite water storage should be accounted for in the staging area. The exact requirement will be coordinated with city staff prior to mobilization and will require at minimum that the road entrance on the east side of the building be left clear or cleared for water deliveries.

Q11: Are pumps to be demolished or salvaged to owner?

A11: City will indicate items for salvage prior to demolition. Assume for the purposes of bidding that pumps will be salvaged.