



477-2024 ADDENDUM 02

PERIMETER ROAD PUMPING STATION 2024 UPGRADES

URGENT

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

ISSUED: July 15, 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 E – SPECIFICATIONS

- Revise: E19.1 to read: The Manufacturer's Technical Representative, installation Contractor and Contract Administrator shall jointly commission the pumps **under the direction of the Contract Administrator** in accordance with the written procedure for commissioning. The installation Contractor will provide sufficient manpower for the duration of the commissioning period. The installation Contractor will make necessary adjustments during commissioning to put the pumps into continuous operation. **The contractor is responsible for ensuring commissioning is completed as required.**
- Revise: E19.6(g) to read: The Contractor **with the assistance of the technical representative(s)** will be required to provide informal training to City personnel during commissioning activities. This informal training shall include instrument connections and signals, proper installation and operation procedures along with proper storage of spare parts. See section E20 for training requirements.

APPENDICES

Add: 477-2024_Addendum_02-Appendix_J_Existing_Breaker_Information

NMS SPECIFICATIONS

Revise: Section 05 50 00

QUESTIONS AND ANSWERS

- Q1: The trenching detail shows 3 existing pipes from Rannock and the 5 new for Headingley however the detail also states if cable size is over 1/0 pipes should be encased in concrete. Is this the intent to expose the existing 3 pipes and then install 5 – 100mm new and encase them all in concrete? Please advise
- A1: Yes.
- Q2: Disconnects for the 2 – new pumps are not shown on the single line. Are new disconnects required or are we to use the existing disconnects on site?

A2: New disconnects with auxiliary contacts are required

Q3: Is there a new ground grid to be installed outside by the CSTE? If required where is it to be and what size cable/qty of ground rods. Please advise.

A3: New equipment will connect to the existing ground grid. A ground bar is located at the service entry in SGR-M700, the contractor is responsible for confirming and connecting to the existing grounding to provide a stable ground point for the new equipment.

Q4: Drawing ALLD-M001 sheet 001 the instrumentation/control cable for CA-M100-11 shows 4PR, 16awg CIC in conduit. However, the loop diagram shows X (floating drain wire) It appears this cable should be 12 PR, twisted shielded with each pair being individual shielded and Overall drain wire. This applies to most all loop drawings that I believe each cable needs clarification as to what type and style it is. Would ACIC cable be acceptable instead of conduit?

A4: See below for amended conduit wire counts. Conduit is to be used for control wiring matching the existing conduit style used at the station (see addendum 1). Each pair and triad cable is to be individually shielded.

CA-M100-11: 2PR, 8TR 300V CIC in conduit

CA-M100-12: 2PR, 2TR 300V CIC in conduit

CA-M200-11: 2PR, 8TR 300V CIC in conduit

CA-M200-12: 2PR, 2TR 300V CIC in conduit

Q5: Drawing EGAD-M005 in the generator room has a symbol with an F in a rectangle in bold. Please clarify what the F is for.

A5: Please disregard, no work will be done in the generator room as part of this project.

Q6: Can we get a model number for both breakers that need to be adjusted (52-A & CB-M100)? We need confirmation that they can be adjusted without having to change the trip units. This includes model number on the trip units as well.

A6: Please see the addendum Appendix J – Existing Breaker Information

Q7: Please provide clarification on the materials and finishes and locations of the Guardrails/Platforms/Bollards. Please clarify all materials and finishes for Division 5. For example: On Drawing 1-0103-SDTL-M0001 it states that the guardrails are to be HSS aluminum square tubing. The specifications require HDG Steel pipe. The drawings show no bollards but bollards are listed in the specifications.

A7: Bollards are not included in the project. Guardrails are to be aluminum as indicated on drawings. See revised Section 05 50 00.