



1225-2018 ADDENDUM 1

ROLAND FLOOD PUMPING STATION – 2019 UPGRADES

URGENT

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

ISSUED: January 29, 2019
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**THIS ADDENDUM SHALL BE INCORPORATED
INTO THE BID OPPORTUNITY AND SHALL
FORM A PART OF THE CONTRACT
DOCUMENTS**

Template Version: A20070419

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

PART B – BIDDING PROCEDURES

Revise: Clause B2.1 to read:

The Submission Deadline is 12:00 noon Winnipeg time, February 5, 2019.

PART E – SPECIFICATIONS

Add: Clause E3.2:

The Hazardous Materials Observation Report, prepared by Pinchin Ltd., is included with this Bid Opportunity. The analysis was limited to the Control/Motor Room and Pump Room. Refer to Appendix B.

Add: Clause E3.3:

The existing cabling in the transformer vault has not been tested for the presence of asbestos. Notwithstanding Clause E3.1, the Contractor shall take precautionary measures when demolishing this cabling with the assumption that asbestos is present in the cables. As an alternative, the Contractor may elect to have the cables tested for presence of asbestos, and then proceed with demolition of the cables using appropriate measures based on the test results. No additional payment will be made for asbestos remediation associated with the cables in the transformer vault.

Revise: Clause E17.6 (b) to read:

Medium voltage service transformers in the transformer vault. The transformer oil has been tested for presence of PCB oil. Two (2) transformers contain trace amounts of PCBs in the range of 5 PPM (parts per million) to 45 PPM. One (1) transformer contains between 46 and 499 PPM of PCBs. Notwithstanding clause E3.1, the Contractor is fully responsible for proper demolition and disposal of the transformers and PCB oil. No additional payment will be made for remediation associated with transformer PCB oil.

NMS Specifications

Revise Section 23 33 15, Clause 2.1.11 to read:

Acceptable materials: Tamco 9000SC, Alumavent, or approved equal in accordance with B7.

Revise Section 23 33 15, Clause 2.2.9 to read:

Acceptable materials: Tamco 7000, Ventex, or approved equal in accordance with B7.

Revise Section 23 34 00, Clause 2.2.5 to read:

Acceptable materials: Greenheck SQ, Twin City, Loren Cook, or approved equal in accordance with B7.

Revise Section 23 37 13, Clause 2.1.5 to read:

Acceptable materials: Price, Ventex, or approved equal in accordance with B7.

Revise Section 23 37 14, Clause 2.2.4 to read:

Acceptable materials: Price 610, Nailor, Titus, or approved equal in accordance with B7.

Revise Section 26 05 36, Clause 2.1.3 to read:

Trays: aluminum, width as indicated on the drawings.

Revise Section 26 05 36, Clause 2.1.3.1 to read:

Side rail height: as indicated on the drawings.

Revise Section 26 05 36, Clause 2.2.3 to read:

Trays: aluminum, width and depth as required.

Revise Section 26 12 19, Clause 2.1.29 to read:

Acceptable Manufacturers:

- .1 CARTE,
- .2 ABB,
- .3 Cooper Power Systems,
- .4 Or approved equal in accordance with B7.

Add Section 26 28 23.

Drawings

Replace 1225-2018_Drawing_1-0179F-E0002-001-00 with 1225-2018_Addendum_1_Drawing_1-0179F-E0002-001-01.

Replace 1225-2018_Drawing_1-0179F-E0003-001-00 with 1225-2018_Addendum_1_Drawing_1-0179F-E0003-001-01.

Replace 1225-2018_Drawing_1-0179F-E0007-001-00 with 1225-2018_Addendum_1_Drawing_1-0179F-E0007-001-01.

Replace 1225-2018_Drawing_1-0179F-E0008-001-00 with 1225-2018_Addendum_1_Drawing_1-0179F-E0008-001-01.

Replace 1225-2018_Drawing_1-0179F-E0014-001-00 with 1225-2018_Addendum_1_Drawing_1-0179F-E0014-001-01.

Replace 1225-2018_Drawing_1-0179F-E0015-001-00 with 1225-2018_Addendum_1_Drawing_1-0179F-E0015-001-01.

Replace 1225-2018_Drawing_1-0179F-E0016-001-00 with 1225-2018_Addendum_1_Drawing_1-0179F-E0016-001-01.

Replace 1225-2018_Drawing_1-0179F-E0017-001-00 with 1225-2018_Addendum_1_Drawing_1-0179F-E0017-001-01.

Replace 1225-2018_Drawing_1-0179F-E0018-001-00 with 1225-2018_Addendum_1_Drawing_1-0179F-E0018-001-01.

Appendices

Add: Appendix B Hazardous Materials Observation Report

Clarifications

Clarification No. 1 – Drywell Unit Heater

The heater in the drywell shall remain in operation to the greatest extent possible throughout the Work to prevent freezing of the pump seal water piping and other temperature sensitive systems in the drywell. The drywell heater is fed from the existing 120/240V service, which is to be demolished, but it may be demolished after the new 120/240V panelboard is powered from the 5kV supply. It is expected that one or more outages of the 120/240V supply will occur during the Work, however, the Contractor shall not leave the drywell unit heater unpowered without presence of personnel at the Station. Leaving the heater without power for longer than eight (8) hours requires approval by the Contract Administrator. Provide temporary equipment and/or cabling as required to maintain operation of the drywell unit heater to meet the aforementioned requirements. Bidders are reminded to review Pre-Demolition Note 2 on drawing 1-0179F-E0002, as well as the heating and ventilation requirements in Specification 01 51 00 Clause 1.5. Also review Specification 01 51 00 Clause 1.6 regarding temporary power and light.

Clarification No. 2 – Downtime of RTU Panel and CSO Panel

Refer to Clause E11.5 and Clause E11.6.

The RTU panel, CSO panel, and associated communications shall remain operational to the greatest extent possible. The RTU panel and CSO panel monitor wastewater overflows and as such is required for reporting purposes. Temporary disconnection of the power, communications, or wiring associated with the RTU panel or CSO panel is only permitted while Contractor personnel are at the Station, and upon approval by the Contract Administrator.

Clarification No. 3 – Existing RTU Panel Drawings

At least one Bidder has requested drawing 1-0179A-A220, which is referenced on the Issued for Construction drawings 1-0179F-E0014 and 1-0179F-E0016. However, drawing 1-0179A-A220 is a schematic diagram of the RTU analog input wiring and is not required for construction. The relevant cable termination information is shown on Issued for Construction drawings 1-0179F-E0015 and 1-0179F-E0016. If required, the Contract Administrator can provide the requested RTU schematic drawings upon award.

Clarification No. 4 – Local Motor Disconnect Switches

Local motor disconnects are not required by the Canadian Electric Code as long as the distribution centre from which the motor branch circuit originates is capable of being locked in the open position by a lock-off device. Please refer to CSA C22.1 Rule 28-604(1)(b)(ii). However, due to operational reasons the City has requested that local motor disconnect switches be provided. As such, this addendum includes revisions to the Electrical Single Line Diagrams, Electrical Plan Layouts, and Motor Starter Schematics to show these local disconnects. The existing disconnect switches for the flood pump motors are to be re-used, but moved to new locations, and a new disconnect switch is to be installed for the ventilation supply fan.