



976-2024 ADDENDUM 2

FLOOD STATION TRANSFORMER REMEDIATION UPGRADES 2025

URGENT

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

ISSUED: January 24, 2025
BY: David Becker
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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: B10.3.1 to read: Bidders are advised that the calculation indicated in B18.4 will prevail over the Total Bid Price entered in MERX.

Revise: B18.6 to read: Bidders are advised that the calculation indicated in B18.4 will prevail over the Total Bid Price entered in MERX.

PART D – SUPPLEMENTAL CONDITIONS

Revise: D14.1 to read: The Contractor shall provide and maintain the performance bond and the labour and material payment bond until the expiration of the warranty period in the form of:

- (a) a performance bond of a company registered to conduct the business of a surety in Manitoba, [Form H1 Performance Bond](#) , in the amount of fifty percent (50%) of the Contract Price; and
- (b) a labour and material payment bond of a company registered to conduct the business of a surety in Manitoba, [Form H2 Labour and Material Bond](#) , in an amount equal to fifty percent (50%) of the Contract Price.

Part E – Specifications

Add E8.4 to read: Excavation:

Add E8.4.1 to read: The Contractor to provide soft dig excavation trenching for the existing Manitoba Hydro utility cable. Distances and details for each facility are indicated below. This will let Manitoba Hydro determine if they will replace the existing cable or perform an underground splice to the existing cable and feed the cable to the new 5 kV switchgear. After MB Hydro has performed their utility service cable installation the Contractor is responsible for backfilling and covering the trenches with clean fill in accordance with Electrical Code requirements. The Contractor shall restore the grade to its original condition.

Add E8.4.2 to read: Mission Station: There are two phases from the MB Hydro Pole and one phase going underground to another Manitoba Hydro transformer. The contractor shall excavate to the Manitoba Hydro pole on Archibald Street so the existing cables can be assessed by Manitoba Hydro to be reused or replaced and fed to the new 5 kV switchgear. For the third phase, the Contractor shall excavate to the other transformer and let Manitoba Hydro determine the location for splicing the cable and feeding it to the switchgear (coordinate locations with MB Hydro on site). **This is approximately 60 lineal meters of distance, and it is expected that the cable(s) will be**

buried 1 meter below grade.

Add E8.4.3 to read: Galt Station: Soft dig excavate the Manitoba Hydro utility cable from the transformer up to the property line and give enough area to Manitoba Hydro to perform splice and connect the cable to the new switchgear. **This is approximately 7 lineal meters of distance, and it is expected that the cable(s) will be buried 1 meter below grade.**

Add E8.4.3 to read: Cornish Station: Contractor shall trench the existing cable up to the sidewalk for Manitoba Hydro to assess whether the cable can be reused to supply power to the new switchgear. If not, then Manitoba Hydro will splice the cable and connect to the switchgear. **This is approximately 12 lineal meters of distance, and it is expected that the cable(s) will be buried 1 meter below grade.**

Add E8.4.3 to read: Colony Station: Contractor to excavate and trench the existing cable to the Hydro Pole on site. **This is approximately 10 lineal meters of distance, and it is expected that the cable(s) will be buried 1 meter below grade.**

Add E10.14 to read: Existing Electrical Metering:

Add E10.14.1 to read: The Contractor shall remove the existing electrical service metering Current Transformers (CTs) and Potential Transformers (PTs). In doing so, a gap (or gaps) will be present within the bus bar conductor system at the CT enclosure (existing CSTE, existing switchgear or existing junction box as applicable). The Contractor will be responsible for adding new bus bars and modifying the existing systems so that the conductor elements are continuous without break.

Add E10.14.2 to read: The Contractor shall seal all holes within enclosure with materials and paint finish to match existing.

Add E10.14.3 to read: The Contractor shall add bus bars as needed to match the existing system ampacity, type and material.

Add E10.14.4 to read: The Contractor shall arrange for and pay for CSA inspection or alternatively Authority Having Jurisdiction special inspections and acceptance of the modifications.

The Contractor shall affix certification labels to the equipment once the modifications are complete.

Add E10.15 to read: Galt Station Existing Meter:

Add E10.15.1 to read: The Contractor shall replace meter enclosure at the Galt Pumping Station with a suitable junction box and lugs for connection from the transformer secondary to main breaker CB-MAIN. Contractor shall locate the junction box accordingly to ensure existing cabling from transformer secondary terminals is retained and re-terminated to new junction box. Contractor to provide a new 3C, 350 MCM TECK90, Copper, 1000V cabling from new junction to main breaker (approximately 3 meters) located on the other side of the wall inside the building. Existing cabling from existing meter enclosure to junction box to be salvaged. Contractor to patch and repair wall as a result of removing existing metering enclosure with suitable finish and materials that match and aesthetically blends in with existing wall.

DRAWINGS

Replace: 976-2024_Drawing_1-0128F-E0001-001-R02 with 976-2024_Addendum_2-Drawing_1-0128F-E0001-001-R03.

Replace: 976-2024_Drawing_1-0132F-E0001-001-R02 with 976-2024_Addendum_2-Drawing_1-0132F-E0001-001-R03.

Replace: 976-2024_Drawing_1-0142F-E0001-001-R02 with 976-2024_Addendum_2-Drawing_1-0142F-E0001-001-R03.

Replace: 976-2024_Drawing_1-0163F-E0001-001-R02 with 976-2024_Addendum_2-Drawing_1-0163F-E0001-001-R03.

QUESTIONS AND ANSWERS:

Q1: The existing CSTE's, when the metering is removed there will leave a gap in the bus bar between the incoming and outgoing feeds. What is the plan for connecting the CSTE bus bar when the CTs are removed?

A1: See E10.4 noted within this addendum

Q2: My suppliers are saying the type of cables (5 kV, 133% insulation) indicated on the drawings from the switch gear to the existing transformers is a unicorn.

A2: Refer to revised drawings:

976-2024_Addendum_2-Drawing_1-0128F-E0001-001-R03,

976-2024_Addendum_2-Drawing_1-0132F-E0001-001-R03,

976-2024_Addendum_2-Drawing_1-0142F-E0001-001-R03,

976-2024_Addendum_2-Drawing_1-0163F-E0001-001-R03.

Q3 Who will be responsible for engineering calculations related to breaker settings?

A3: Final breaker trip settings will be supplied to the Contractor prior to construction completion. The Contractor will be responsible for labor and tools to adjust trip settings. The Contract Administrator will supply all breaker trip settings to the Contractor.

Q4: How much soft dig excavation is required for the MB Hydro existing utility cables?

See E8.4 noted within this addendum

Q5: At Galt Station how is the metering enclosure and the 600V transformer cabling to be dealt with?

A5: See E10.15.1 noted within this addendum