

TRANSMITTAL SHEET

TO: All Bidders

DATE: June 29, 2023

TOTAL NUMBER OF PAGES (INCLUDING COVER PAGE): 4

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Utilities & Infrastructure Services

IF YOU DID NOT RECEIVE ALL PAGES, OR FURTHER INFORMATION IS REQUIRED,
PLEASE CONTACT THE SENDER

MESSAGE:

TENDER NO: 2023-19

Champlain Heights Pumping Station Electrical Upgrades

Please find attached a copy of Addendum #3 for the above tender.

As of March 2021, please be advised that an *Acknowledgement Form* (historically sent as part of the City's addendum packages) confirming receipt of an Addendum is **no longer** included in the addendum package.

However, per Section 2.5.03 of the City's General Specifications, it remains a requirement that **each Addendum** will contain a signature page(s) which each Tenderer is **required to sign and include with its Tender submission.**



UTILITIES & INFRASTRUCTURE SERVICES

Engineering Services
175 Rothesay Avenue
Saint John, NB, E2J 2B4

ADDENDUM

PROJECT TITLE:

Champlain Heights Pumping Station Electrical Upgrades

ADDENDUM NO: 3**DATE:** June 29th, 2023**PAGE:** 1 OF 3**TENDER NO:** 2023-19

MAKE THE FOLLOWING MODIFICATIONS TO THE ABOVE PROJECT. INCLUDE IN THE AMOUNT OF THE TENDER ANY ADDITIONS TO OR DEDUCTIONS FROM THE COST OF THE WORK BY REASON OF THESE INSTRUCTIONS. THE TENDER DATE REMAINS AT **2:30:00PM, TUESDAY, JULY 4TH 2023.**

MODIFICATIONS TO THE SPECIFICATIONS:**Appendix '3A' - DRY TYPE TRANSFORMERS UP TO 600V PRIMARY****Section 2.1.2.5**

REPLACE: Taps: 22% - 2FCAN, 2FCBN

WITH: Taps: Standard

Section 2.1.2.11

REPLACE: Enclosure: Type 12, air ventilated, sprinkler proof, removable metal front panel.

WITH: Enclosure: Type 1, air ventilated, sprinkler proof, removable metal front panel.

MODIFICATIONS TO THE DRAWINGS:**DRAWING SHEET 1 OF 2**

Under SINGLE LINE DIAGRAM MODIFICATIONS:

REVISE: THE NEW 2 X 4#3/0 + #3 BOND IN 63mmC SHOWN RUNNING FROM THE LOAD SIDE OF THE MAIN BREAKER TO THE EXISTING AUTOMATIC TRANSFER SWITCH IS TO BE REVISED AS AN EXISTING FEEDER TO BE RE-USED.

DRAWING SHEET 2 OF 2

Under POWER PLAN - NEW:

REVISE: EXISTING UTILITY PADMOUNT SECONDARY CABLES/CONDUITS TO BE RE-USED. CONTRACTOR TO COORDINATE WORK WITH SAINT JOHN ENERGY TO DISCONNECT POWER TO THE PADMOUNT TRANSFORMER. TEMPORARY POWER IS TO BE PROVIDED DURING POWER OUTAGE. CONTRACTOR TO DISCONNECT AND REMOVE EXISTING MAIN BREAKER AND METERING SECTION OF EXISTING SERVICE ENTRANCE BOARD. ONCE REMOVED, THE NEW MAIN BREAKER AND METERING SECTION/SWITCHBOARD IS TO BE INSTALLED IN THE SAME PLACE. RE-CONNECT EXISTING SECONDARY CABLES TO THE LINE SIDE OF THE NEW MAIN BREAKER.

TENDER DOCUMENT ENQUIRES:

Please see the following answers to submitted questions:

Q1. Can we use the existing conduit and conductors from existing automatic transfer switch to new service entrance board?

A1. *Yes, Refer to drawing modification above.*

Q2. In **Section 2.1.25** of the project specification, it is stated "Taps:22% - 2FCAN,2FCBN". Is this a typo?

A2. *Yes, Refer to spec modification above.*

Q3. In **Section 2.1.2.11** of the project specification, it is stated "Enclosure: Type 12, air ventilated, sprinkler proof, removable metal front panel. Is this a typo?"

A3. *Yes, Refer to spec modification above.*

Q4. Who is responsible for SCADA programming.

A4. *Contractor to coordinate with owner's integrator for programming of owner's metering.*

Q5. Can you advise on the size of the camlock connectors in the generator connection box? They appear to be #4/0, but the generator suppliers want to be sure.

A5. *Ensure that the connectors can connect to a generator plug box as specified:(CAM-LOK RECETACLES INSTALLED IN NEMA 4 X ENCLOSURE, GENERATOR IS 600V, 200A, 3-PHASE, EDDY GROUP PART NUMBER EGLB24208)*

Q6. Can you confirm that the existing main feeder is 2 x 4#300, but the new feeder only needs to be 2 x 4#3/0?

A6. *According to record drawings, the existing main feeder is 2 x 4#3/0 as shown on the current drawings . Addendum was issued to re-use the existing feeder. No where on the electrical drawings does it show 300 MCM feeder.*

Q7. Can you confirm that, for the purposes of the tender, contractors can assume the existing conduits from the pad-mount transformer into the building can be re-used?

A7. *Yes. Please refer to modifications to the drawings above.*

Q8. Can you confirm what spare breakers are required for the new 600V panel? Can you advise on how many circuits are required in this panel?

A8. *No additional spares required. Future space for 3 pole breaker. Total circuits 12.*

Q9. Can you confirm that the drawings are showing the 30kVA transformer mounted above the new lighting panel?

A9. Yes, Confirmed

Q10. It was mentioned during the site visit that a transfer test would need to be completed on the ATS at the completion of the project – can you confirm? Who pays for the costs of the generator and fuel for this test?

A10. *The City will conduct this final test towards the end of the project with their own equipment at their own expense. Before project final completion, the Contractor is to assure existing ATS and City supplied generator operates as required with the newly installed equipment on site and will be responsible to address any corrective measures necessary as it relates to the project works.*

Q11. Can you confirm if the ATS manufacturer needs to be engaged to make any adjustments to the settings on the ATS?

A11. Yes.

Q12. Can you confirm that the new switchboard can be installed on the same wall where the existing main service board currently sits?

A12. Yes.

Q13. Will connection of network cable to the SCADA system be completed by SJW personnel?

A13. *All connections and wiring to SCADA by contractor.*

Q14. Can you confirm that junction boxes will be allowed above the existing panels to splice/extend the wiring to the location of the new panels?

A14. Yes, allowed.

BY:



CHIEF CITY ENGINEER

CONTRACTOR'S SIGNATURE

TO BE SIGNED AND ATTACHED TO TENDER DOCUMENTS