# *TRANSMITTAL SHEET*

**TO:** All Bidders

**DATE:** November 2, 2023

**TOTAL NUMBER OF PAGES (INCLUDING COVER PAGE):** 6

**FROM:** Gerry Mattsson, P. Eng. **TEL. #:** (506) 649-7998
*Utilities & Infrastructure Services*

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

***MESSAGE:***

**TENDER NO: 2022-19**

**One Mile Lift Station and Egbert Street Force Main**

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, in accordance with 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.**

City of Saint John

**UTILITIES & INFRASTRUCTURE SERVICES**
Engineering Services
175 Rothesay Avenue
Saint John, NB, E2J 2B4

# ADDENDUM

| | |
|---|---|
| **PROJECT TITLE:** | **ADDENDUM NO:** 3 |
| **One Mile Lift Station** | **DATE:** November 2, 2023 |
| **And Egbert Street Force Main** | **PAGE:** 1 OF 5 |
| | **TENDER NO:** 2022-19 |

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 DATE FOR RECEIVING TENDERS **HAS CHANGED TO: 2:30PM, TUESDAY, NOVEMBER 21, 2023.**

## ADJUSTMENTS TO THE SPECIFICATIONS

**Item 1: Division 2 – Instruction to Tenderers and Tendering Procedures**

**Section 2.3 Schedule for the Tender Process**

Revised Deadline for Enquiries: Tuesday, November 14, 2023.
Revised Deadline for Issuing Addenda: Thursday, November 16, 2023.
Revised Tender Closing: 2:30 pm AST, Tuesday, November 21, 2023

**Item 2: Division 3 – Particular Specifications**

**Add the following subsections to Section 3.1 Additional Specifications for This Project:**

1. **Subsection 3.1.35 BIONAX WATERMAIN**

   Bionax PVCO water main will **not** be approved for use on this Contract.

2. **Subsection 3.1.36 CHANGES IN THE WORK**

   For this project, any references to the New Brunswick Crown Construction Contracts Act (Machine Rental Regulation) in Division 6.17 shall be replaced with the New Brunswick Department of Transportation and Infrastructure: 2023 Machine Rental Rate Policy – Appendix A.

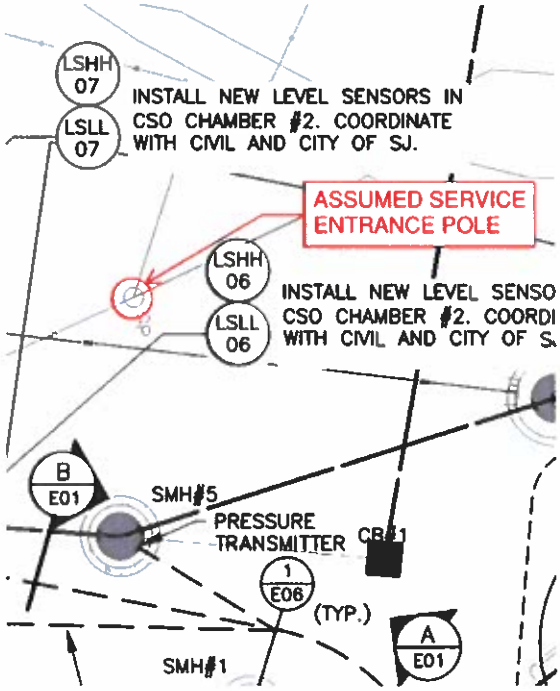
## ADJUSTMENTS IN GENERAL

**Item 3: Response to Queries:**

**Q1. Will a new Form of Tender be issued to correct the CCTV video quantity (B5) for sanitary? - the listed quantity of 476m has included the force main pipe.**
**A1**. See attached revised sheet 7 of 14 of Division 4.5 Tender Form.

**Q2. The project calls for the use of DR18 or approved equal for the section of forcemain. Would Ductile Iron Pipes be considered an approved equal?**
**A2.** Ductile iron is not an approved product for force mains as per the COSJ General Specifications, and therefore will not be accepted as an alternative for this project.

**Q3. Where will the new SJE pole be located, relative to the new transformer (to determine primary duct length)?**
**A3.** Pole location yet to be coordinated with Saint John Energy. For tendering purposes, assume the service entrance pole is the guy pole located just west of SMH#5, pictured below:




**Q4. Specifications indicate PVC coated RGS conduits to the wet wells, but drawings indicate rigid aluminum conduits with shrink tube – please confirm.**
**A4.** Conduits between the EYS fittings and the wet wells shall be Rigid PVC.

**Q5. E02 note 1 – please advise on generator size/type required, and estimated length of the shutdown.**
**A5.** Delete this note.

**Q6. We require conduit and duct details for primary power. Length, conduit size, quantity and concrete encasement details, if required, are not on the drawings. Is this work under the electrical pay item or the building pay item?**
**A6.** See Q3 for tentative pole location. Service entrance to be concrete encased as per Saint John Energy standards. Duct bank as per Detail C, E01. To be paid for under lump sum unit price for Measurement for Payment (Electrical).

**Q7. Please provide peak in-flows at One Mile and SLS #4. This info is required for bypass design criteria.**
**A7.** SLS#4 typically pumps approximately 250 L/s and has a peak capacity of 700 L/s. One Mile LS has a peak capacity of 220-230 L/s when pumping in parallel at approximately 23m of head.

**Q8. Re: One Mile location, acknowledging there is not much data on which to base excavation quantities, and the pay item is lump sum, if conditions vary at the time of construction, will a change order be issued for additional excavation and engineered fill?**
**A8.** A change order (extra or credit) will only be considered in the event that unsuitable soils or conditions that are different from the geotechnical investigation are encountered.

**Q9. Is there anyway we can get a brick color selection before closing?**
**A9.** Brick colour to be Tapestry Charcoal Range by Shaw Brick or approved equivalent.

**Q10. What is the specification for transformer "T-2"?**
- **a. Aluminum or copper windings?**
- **b. Are there any electrostatic shielding requirements?**
- **c. Are there any harmonic mitigating requirements? I cannot find anything on the drawings or spec.**

**A10.** Transformer "T-2" shall be integral to the MCC and contain copper windings.

**Q11. As to the disconnects for CU-1 and CU-2. Can these be A/C cheap pull out disconnects or do they need to be HD? If HD are they to be 3R or 4x?**
**A11.** Disconnects for CU-1 and CU-2 shall be rated to Nema 3R minimum.

**Q12. As to the Unit Heaters. UH-2 is designated 4x on drawing E02 and on single line. However, UH-1 has no designation on drawing E02. Does this need to be 4x or will NEMA 1 be ok?**
**A12.** UH-1 shall be rated NEMA 1.

**Q13. As to UH-1 and UH-2 disconnects. Same issue as above. Can UH-1 disconnect be NEMA 1? No designation on drawings E02. However, single line shows 4x.**
**A13.** The disconnect for UH-2, shall be rated NEMA 4X. The disconnect for UH-1 shall be rated NEMA 1.

**Q14. As to UH-1 and UH-2. See drawing E07. The schematics show a "UH ENABLE/DISABLE" I am assuming that these are just a motor rated switch. Please confirm. Also, same as above. I am assuming that 4x is required for UH-2 but what about UH-1? Can NEMA 1 be, ok?**

**A14.** Correct, these are motor rated switches. The switch for UH-2 shall be rated NEMA 4X and the switch for UH-1 shall be NEMA 1.

**Note:** Signed copy of the addendum **must** be enclosed in the tender documents, according to the Instructions to Tenderers and Tendering Procedures in Division 2 of the Contract Specifications.

BY: _____ _____

*CHIEF CITY ENGINEER* *CONTRACTOR'S SIGNATURE*

**TO BE SIGNED AND ATTACHED TO TENDER DOCUMENTS**

DIVISION 4

SCHEDULE OF QUANTITIES AND UNIT PRICES

Addendum #3

UNIT PRICE TO BE EITHER TYPEWRITTEN OR PRINTED IN INK IN WORDS AND PRINTED NUMERICALLY

CONTRACT NUMBER 2022-19

TITLE: ONE MILE SANITARY LIFT STATION REPLACEMENT

| ITEM NO. | DESCRIPTION | DIV. NO. | UNIT | EST. QTY. | UNIT BID PRICE | | TOTAL ($) |
|---|---|---|---|---|---|---|---|
| | | | | | WRITTEN | NUMERICAL | |
| g | Precast Combined Sewer Overflow Manholes Complete with baffles, shafting, standard frames and covers and incl. all labour & materials necessary to connect to new and existing mains & laterals, plus benching, etc. | | Each | 2 | | | |
| 5 | **CCTV Video** | **11** | m | 100 | | | |
| 6 | **Contingency** | **2.6.03** | LS | 1 | One Hundred and Thirty Three Thousand Dollars and Zero Cents | | |
| | **AMOUNT "B" (SANITARY)** | | | | | | |