

**TRANSMITTAL SHEET**

TO: All Bidders

DATE: October 26, 2023

TOTAL NUMBER OF PAGES (INCLUDING COVER PAGE): 5

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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: 2022-19**

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

Please find attached a copy of **Addendum #2** 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.**



## UTILITIES & INFRASTRUCTURE SERVICES

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

### ADDENDUM

**PROJECT TITLE:**

One Mile Lift Station  
And Egbert Street Force Main

**ADDENDUM NO:** 2

**DATE:** October 26, 2023

**PAGE:** 1 OF 4

**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, WEDNESDAY, NOVEMBER 8, 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, October 31, 2023.

Revised Deadline for Issuing Addenda: Thursday, November 2, 2023.

##### **Item 2: APPENDIX 3B – Lift Station Structural & Architectural Specifications**

###### **Section 04 20 00 Masonry**

Remove subsections 2.4.2; 2.4.3 and 2.4.4 in their entirety.

Replace with the following subsections:

- .2 Face brick to be burnt clay brick conforming to CAN/CSA-A82 for types, sizes, textures. Size 57 x 90 x 190mm. Colour samples to be provided to Owner for selection.
  - .1 Acceptable manufacturers: Shaw Group or approved equivalent.
- .3 Tolerance in units to CSA A82.

## **ADJUSTMENTS IN GENERAL**

### **Item 3: APPENDIX 3F Highway Usage Permit**

Clarification: The property (PID 00019315) adjoining to the property where the new lift station will be constructed (PID 00417899) is available to the contractor per the terms of the Highway Usage Permit.

### **Item 4: Response to Queries:**

**Q1. Regarding Q19 addem 1- SJE Primary. For tendering purposes a location for the primary conduits, if installed under this contract , needs to be shown. If not possible , please advise on allowable conduit size, quantity and length of run.**

**A1.** 103 mm is standard conduit size for utility. The contractor needs to co-ordinate with SJ Energy.

**Q2. Regarding Q24 addem 1- If the owner is to supply SCADA panel, are they also suppling the antenna, cable, SCADA programming and Integration?**

**A2.** The City is supplying the radio (GE Orbit) and associated programming of the radio only. The contractor is responsible for providing antenna, cabling, (refer to Section 3.1.32.21 SCADA Panel & Section 3.1.32.23 Radio System), and, the PLC and HMI programming software and SCADA programming & integration.

**Q3. MCC single line, Future ATS. Is the intent to have a blank section for a future ATS? If the intent is to have a ATS installed under this contract, we need some specs on the unit they want.**

**A3.** Yes, provide blank section for ATS. Refer to Section 3.1.32.24 Motor Control Centre – Products, Subsection .1.30 “MCC to come complete with ATS and transition sections for connection of future generator. Emergency power lugs on top of section.”

**Q4. We propose two alternate products for the roof assembly – please advise if acceptable:**

- **½” composite cover board over the insulation with factory laminated base sheet (2-1 Soprasmart ISO HD).**
- **1 ply Mod Bit Vapour Barrier, torch-applied with sanded top surface (Sopralene 180SP 3.5).**

**A4.** These are acceptable products. Roof assemblies are to be provided for shop drawing review.

**Q5. The drawings A01& A02 show a brick veneer to be used as the exterior cladding. Masonry spec 04 20 00, 2.4.4 calls out Architectural CMU Split Ashlar colour Charcoal? Please advise which material is to be used? If it is brick veneer please provide specifications for brick type.**

**A5.** See Item 2 above.

**Q6. Please provide average inflow rate at One Mile SLS so bypass calculations can be completed.**

**A6.** This was provided as Peak DWF in Question 10, Addendum #1.

**Q7. Please advise length of force main to be drained to allow connection to be made at One Mile SLS.**

**A7.** The existing 400mm diameter force main is 850m in length.

**Q8. Please advise point of discharge/disposal for bypass product from One Mile SLS.**

**A8.** This is the Contractor's responsibility. Collected wastewater could be delivered to the downstream system. Coordination with and approval by Saint John Water are required. For clarity, bypass pumping is not permitted to the environment.

**Q9. Please advise the elevation & grade for crossover pipe between wet wells.**

**A9.** The invert elevation of the pipe will be -3.33m.

**Q10. Please provide average inflow rate at SLS #4 so bypass calculations can be completed.**

**A10.** SLS No.4 typically pumps approximately 250 L/s and has a peak capacity of 700 L/s.

**Q11. Our supplier has requested clarification on the level sensors in the Wet wells, CSO chambers, and SAMH-4. The Addendum references a pressure transducer but the specifications reference an ultrasonic transducer.**

**A11.** The level sensors in the Wet wells, CSO chambers, and SAMH-4 are to be pressure transducers, not ultrasonic transducers.

**Q12. The Geotech report notes new building to be founded on engineered fill down to bedrock @ 45-degree splay. There is not a lot of info to calculate these volumes. How is this excavation & fill being paid?**

**A12.** The contractor is required to excavate and remove the layer of soft black to grey SILT with organics at a 45-degree splay from the outside of the footings. The engineered fill can be placed on the layer of SILTSTONE/SHALE. The depth of the materials is shown on the boreholes in the geotechnical report. The excavation is to be backfilled with structural engineered fill. Per the specifications, payment for excavation and backfilling for the control building is under the Unit Price for the lift station building.

**Q13. I wanted to confirm that the request for the piping is to be done completely in sch 10 SS 316L and not using ductile iron pipe.**

**A13.** All piping within the wet well and the building is to be stainless steel. Buried piping between the wet well and building can be stainless steel or ductile iron pipe.

**Q14. Is there a preferred option for the valves or does it just need to meet the standards listed in section 40?**

**A14.** Grooved end valves will not be accepted for this sanitary station due to the cyclical forces on the pipes and fittings.

**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**