



947-2024 ADDENDUM 2

PROFESSIONAL CONSULTING SERVICES FOR TYLEHURST LIFT STATION UPGRADES

URGENT

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

ISSUED: 2025-01-13
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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

- Add: B3.1 (c): Friday January 17, 2025, beginning at 11:00 am.
- Add: B3.8: Any bidder wanting to access the lower levels of the Lift Station will be required to show valid proof of Confined Space Entry Training at the site investigations. The Consulting Contract Administrator will be checking all bidders Confined Space Entry certificates on site that plan to enter the lower levels. Any staff that can not produce proof of valid training on site will not be allowed to enter the lower levels of the Lift Station.
- Revise: **B11** to read: EXPERIENCE OF PROPONENT AND SUBCONSULTANTS (**SECTION D**)
- Revise: **B12** to read: EXPERIENCE OF KEY PERSONNEL ASSIGNED TO THE PROJECT (**SECTION E**)
- Revise: **B13** to read: PROJECT UNDERSTANDING AND METHODOLOGY (**SECTION F**)

PART D – SUPPLEMENTAL CONDITIONS

- Revise: D8.5 (f) (iii) to read: Prepare a spring demand load list with theoretical three (3) lift pumps running along with new HVAC and miscellaneous electrical loads. The demand load list will be used to upgrade the existing hydro service. **The Consultant will be required to coordinate with Manitoba Hydro and prepare a new electrical service application on behalf of the City.**
- Revise: D8.5 (g) (iii) 5th bullet to read: Wireless (cellular) communication modem. For redundant communication, The City has used wired (PSTN) communication modems in the past that is currently being phased out by suppliers. The City is considering using a **wired fibre line with an Internet Service package through BellMTS** as a redundant communication to the cellular modem. **The Consultant will be required to coordinate with BellMTS and prepare a new service application on behalf of the City.**
- Revise: D16.5 to read: Should a Geotechnical report **for site conditions (excluding riverbank)** be required for the Tylehurst Lift Station in order to acquire a **Development and/or Commercial Building** Permit for construction activities, the engineering costs shall be applied towards the Additional Work Allowances.

Revise: D16.5 (b) to read: For any Geotechnical design services provided **in regards to site conditions for Lift Station and Backup Power Buildings as part of a Development and/or Commercial Building Permit application**, a sealed Geotechnical Report will be required to be produced by the Consultant.

APPENDIX M: TYLEHURST LOWER LEVEL PHOTOS

Add: 947-2024_Addendum_02-Appendix_M-Tylehurst Lower Level Photos

QUESTIONS AND ANSWERS

- Q1: Is hazardous material testing and review of the report to be applied towards the Additional Work Allowance?
- A1: The site material testing and preparation of the Hazardous Materials Testing Report costs are to be applied towards the Additional Work Allowance as listed in RFP clause D16.3. Review of the Hazardous Materials Testing Report is part of the Consultant scope of work and is not to be applied towards the Additional Work Allowance, refer to RFP clause D8.5 (c) (vi).
- Q2: Clauses D12.20 mentions that a Geotechnical Report for a Waterway Permit is required and D16.5 implies that any Geotechnical Report for acquiring Permits are to be applied towards the Additional Work Allowance. Please confirm the Geotechnical Report(s) required and if they are part of the scope of services and/or to be part of the Additional Work Allowance.
- A2: A Geotechnical Report for riverbank stability as part of a Waterway Permit will be required and is to be included as part of the Consultant's fees under Contract Administration Services – Non-Resident. If a second (2nd) Geotechnical Report is required to obtain a Development and/or Commercial Building Permits, this would be applied towards the Additional Work Allowance. Please see revised Addendum clauses D16.5 above.
- Q3: Is the Backup Power Building planned to be a standalone building or will it connect with the new Lift Station Building? If it connects, will there be an internal door.
- A3: The new Backup Power Building will be attached to the new Lift Station Building. Each building will require an exterior double door. There will also be an internal single door to connect the Lift Station Main Floor and the Backup Power Building. Refer to RFP clauses D8.5 (a) (i) and D8.5 (a) (iv) for details.
- Q4: For the pumps along with the generator/UPS, the RFP mentions that three (3) suppliers and models are to be pre-qualified. How should these be pre-qualified and will these be separate equipment procurement tenders?
- A4: There will only be one (1) tender for the construction work and all equipment procurement. The Consultant will prepare dedicated tender section writeups for the pumps along with generator/UPS. Within the tender sections, there would be a minimum of three (3) equipment suppliers along with approved models. The intention is that the Consultant shall reach out to various pump and generator/UPS suppliers during the detailed design stages to see what supplier equipment will meet the system requirements. Any supplier equipment that meets the system requirements is considered pre-qualified and would get listed in the tender.
- Q5: Is a mobile generator required during electrical service upgrade?
- A5: Yes, a mobile generator will be required during the electrical service upgrade. However, the mobile generator would be provided by a future hired Contractor. The Contractor will also be required to include a mobile generator the entire time that the station is on bypass pumping.

Q6: Is there any Consultant work for Operational Shutdown Summary (OSS) plans?

A6: Yes, there is some work required for the OSS plans by the Consultant. The Consultant will be required to write some sections of the OSS plans and be on site during the planned shutdowns. Refer to RFP clauses D13.7 and D13.8 for further details.

Q7: Are there any photos of the lower levels available?

A7: Please refer to Appendix B – Tylehurst Lift Station Condition Assessment for some photos. Please also see Appendix M added as part of this Addendum.

Q8: The lift pump discharge pipes have newer check valves installed than what is shown in Appendix B – Tylehurst Lift Station Condition Assessment. Will these check valves be reused?

A8: No, the check valves will not be reused. The Consultant will be required to design and specify new check valves that will be sized for the new lift pump discharge piping sizes. The existing installed check valves will get removed and arranged to be sent to 598 Plinguet by a future hired Contractor.

Q9: Are all three (3) existing pumps designed the same and are all new pumps to be designed the same?

A9: For the existing pumps design, this question has been answered in Addendum 1, Answer 4. For the new pumps, the design of all three (3) pumps are to be the same. Please also refer to Addendum 1, Answer 6 for more information on the design of the new pumps.

Q10: What kind of communication is required with 360 McPhillips in terms of SCADA monitoring and control? In terms of the wireless communication, does the City have the infrastructure in place for Ethernet data radios?

A10: The upgraded communication will require a wireless communication method for monitoring and control by City SCADA along with a backup wired connection for monitoring only by City SCADA. After the tender was posted, it was determined that the City does not currently have the infrastructure in place to support Ethernet data radios. Therefore, the backup wired communication will consist of an internet service package through BellMTS, please see revised clause D8.5 (g) (iii) 5th bullet above.

Q11: Will the bearing monitoring (vibration & temperature) proposed to go to the HMI controllers (on the VFDs) be required to tie into the PLC for communication to SCADA?

A11: Yes, all bearing monitoring and motor temperature winding that is tied into each pump HMI controller will need to be tied into the PLC for SCADA monitoring. See revised clause D11.6 (e) in Addendum 1.

Q12: Would it be possible to arrange a 3rd site visit to further investigate the facility?

A12: A 3rd site investigation has been added, see added clause B3.1 (c) above. Please note the Confined Space Entry requirements added clause B3.8 above. No further site investigations will be added.