Corporate Finance Department
Materials Management Division

283-2022 ADDENDUM 2

SUPPLY OF PUMPING EQUIPMENT AND VALVES FOR RIVERBEND LIFT STATION UPGRADES

ISSUED: June 22, 2022
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URGENT

PLEASE FORWARD THIS DOCUMENT TO WHOEVER IS IN POSSESSION OF THE TENDER

THIS ADDENDUM SHALL BE INCORPORATED INTO THE BID OPPORTUNITY AND SHALL FORM A PART OF THE CONTRACT DOCUMENTS

Template Version: A20130301

Please note the following and attached changes, corrections, additions, deletions, information and/or instructions in connection with the Tender, and be governed accordingly. Failure to acknowledge receipt of this Addendum in Paragraph 8 of Form A: Bid may render your Bid non-responsive.

PART B – BIDDING PROCEDURES

Revise	B2.1 to read:	The Submission Deadline is extended to 4:00 p.m. Winnipeg time, **June 30, 2022**.
Add:	B10.4	The Bidder shall enter the Total Bid Price from Form B: Prices into the Total Bid Price field in MERX.
Add:	B10.4.1	Bidders are advised that the calculation indicated in B17.4 will prevail over the Total Bid Price entered in MERX.

PART D – SUPPLEMENTAL CONDITIONS

Revise:	D2.2(a)(i) to read:	Supply and delivery of two (2) one hundred fifty-four (154) litres per second (L/s) pumps at approximately 10.7 metres (m) Total Dynamic Head, complete with motors, drive shafts, drive shaft guards, pump suction elbows, supports, instruments and **two (2) sets of spare parts**. The pumps shall be installed in a dry well and the motor shall be installed higher up in a motor room. A pump that is submersible style pump where the motor is connected directly to the pump will not be acceptable;

PART E – SPECIFICATIONS

Revise:	E2.2 to read:	The Contractor shall supply tools, accessories and **two (2) sets of spare** parts for pumps.

NMS SPECIFICATIONS

Section 43 21 13 – Centrifugal Shaft Pumps

Clarification	2.1.2.4.6	8” pump discharge is acceptable.
Revise	2.1.2.4.8 to read:	Minimum Pump Efficiency at Duty Point: **seventy-five (75) percent.**
Revise	2.1.16.2 to read:	Vibration sensor **system** to be XY type. **Provide one (1) vibration sensor on the X axis and one (1) vibration sensor on the Y axis of the pump bearing housing.**
Delete:	2.1.16.5	Sensor one hundred (100) mV/g.
Add:	2.2.3.2.5	Drive shafts shall be sized for the motor size provided that would be required for the maximum impeller diameter size.
Revise:	2.3.4.2 to read:	Vibration sensors to be XY type **system. Provide one (1) vibration sensor on the X axis and one (1) vibration sensor on the Y axis of both the drive-end and non-drive-end bearings.**

Delete	2.3.4.5	Sensor one hundred (100) mV/g.
Add	2.4.12.5	Submit torsional natural frequency analysis from pump manufacturer in accordance with ANSI/HI 9.6.8 level 2 analysis or higher with minimum frequency separation margin of plus or minus fifteen percent (15%). If resonate conditions are found in the required speed range of the pump a forced response stress analysis is required to determine if the stress is below the fatigue limitations. Submit the analysis as a separate submittal prior to pump shop testing. Analysis shall be completed over the full operating range of the pump. Analysis to include a Campbell/interference diagram.
Delete	3.2.2.3.6	Surge test
Delete	3.2.2.3.7	Partial discharge test