

May 18, 2018

Dear Sir:

Attached is Addendum No. 2 dated May 17, 2018 to the Specifications for The Manitoba Water Services Board Contract No. M.W.S.B.1423, City of Portage la Prairie Phase 1 Water Treatment Plant Upgrades. Please verify receipt of this Addendum for our records by fax to (204) 726-6290.



**ACKNOWLEDGEMENT OF RECEIPT OF ALL ADDENDUMS
MUST BE INCLUDED IN THE TENDER SUBMISSION.**

Failure to include acknowledgement shall cause the tender to be rejected. If Tender is submitted before Addendum is issued, the Board will accept a faxed acknowledgement prior to the tender closing.

Yours truly,

R. Lytle
Construction Manager

The Manitoba Water Services Board
Unit #1A - 2010 Currie Blvd.
Brandon, MB R7B 4E7

Dear Sir:

We have received Addendum No. 2 dated May 17, 2018 to the Specifications for The Manitoba Water Services Board Contract No. M.W.S.B.1423, City of Portage la Prairie Phase 1 Water Treatment Plant Upgrades.

Yours truly,

Company

Per

THE MANITOBA WATER SERVICES BOARD

CONTRACT NO. M.W.S.B. 1423

City of Portage la Prairie Phase 2A Water Treatment Plant Upgrades

ADDENDUM NO. 2

Date: May 17, 2018

1) PRECEDENCE

This Addendum is issued prior to Tender closing to provide for certain revisions as noted herein.

This addendum forms an integral part of the specifications describing all aspects of the work and is to be read in conjunction therewith.

All work shall be performed in accordance with the Contract Documents.

2) SCOPE

The purpose of this addendum is to amend the following sections of the Tender Documents:

- .1 Bidders may attend a second Work Site viewing held on May 24, 2018 at 9:00 am at the Main Building of the Water Treatment Plant. Attendance to at least one (1) Work Site viewing is mandatory.
- .2 Coordinate with the City regarding shut down of the Ozone Contactors. The City will be responsible for removing and replacing the manholes to gain entry into each Ozone Contactor.
- .3 The City will be responsible for conducting a general cleanout of a given Ozone Contactor when it is shut down, which primarily involves a cursory washing of the walls using a fire hose and draining the Ozone Contactor using an existing sump. The City will only conduct such cleaning once per Ozone Contactor for this Work. This washing is generally ineffective at removing all sediment from the walls, and sediment accumulation is expected to range in thickness from approximately 5 to 50 mm or more. The Contractor remains responsible for additional cleaning and surface preparation required to complete the Work within the Ozone Contactors.
- .4 **Replace** Section 01150, Clause 1.6.3.2 with the following:
 - .2 Basis of Payment: Payment for “Lime Batching Alterations” shall be paid for at the Contract Lump Sum Price and shall include all work related to the supply, installation and commissioning of the lime slaking system, valves, instrumentation, controls, SCADA system components, associated electrical systems, appurtenances, and other site improvements as required in the Specifications, including coordination of STT Enviro Corp. technician(s).

.5 **Replace** Section 01150, Clause 1.6.8.2 with the following:

- .2 Basis of Payment: Payment for “SCADA System Upgrades and McKay Reservoir Control” shall be paid for at the Contract Lump Sum Price and shall include all work related to the supply, installation and commissioning of a new Supervisory Control and Data Acquisition (SCADA) system to replace the water supply system’s existing SCADA system, installation of associated control equipment (including Oxidation Reduction Potential (ORP) analyzer, Ultraviolet Transmittance (UVT) analyzers, GAC flow control valve), implementation of chlorination compound loop control, implementation of sodium hydroxide compound loop control, associated electrical systems, appurtenances, and other site improvements as required in the Specifications.

.6 **Revise** Section 11105 to include the Acceptable Products as follows:

- Knife Gate Valve Add Pratt/Mueller LVC
- Check Valve (Flex Check Valve) Add Claval #584

.7 **Replace** Section 11306, Clause 2.2.1 as follows:

- .2 Watson-Marlow 600 Series pumps.

.8 **Replace** Section 17010, Clause 1.3 with the following:

1.3 Qualifications

- .1 Only the approved control system integrators for this project shall be used for all programming of PLC and SCADA systems.
- .2 The approved control system integrators are as follows:
 - .1 Manco Control Systems Inc.
 - .2 Schneider Electric Automation Services.
- .3 The instrumentation contractor shall be a firm normally engaged and fully competent in Water Treatment Plant (WTP) work. The firm shall have been continuously engaged in this business for at least five years. The firm shall show that it maintains a fully equipped and qualified organization in Manitoba capable of performing the present work and providing prompt service to the system after installation.
- .4 All instrument hook-ups, calibrations, checkouts, and commissioning shall be performed by Journeyman Instrument Mechanics familiar with the instruments and systems used in this plant.
- .5 120 volt control wiring installation and connections shall be performed by Journeyman Electricians familiar with control

system wiring and the process equipment used in this WTP.

END OF ADDENDUM