

May 29, 2018

Dear Sir:

Attached is Addendum No. 4 dated May 29, 2018 to the Specifications for The Manitoba Water Services Board Contract No. M.W.S.B. 1423, City of Portage la Prairie Phase 2A 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. 4 dated May 29, 2018 to the Specifications for The Manitoba Water Services Board Contract No. M.W.S.B. 1423, City of Portage la Prairie Phase 2A 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. 4

Date: May 29, 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 The Contactor may use on-site washrooms.
- .2 Temporary power for on-site trailers may be provided from the Reservoir & Pumping Station Building. The power supply is 240V/1-ph.
- .3 Supply and install 1 pole, 120V, 15A breaker to panel 30B, cct. 14.
- .4 Supply and install 2C#12 AWG Teck 90, 1000V cable from panel 30B to heater HWT-1.
- .5 Supply and install 1 pole, 120V, 15A breaker to panel 30B, cct. 12.
- .6 Supply and install 2C#12 AWG Teck 90, 1000V cable from panel 30B to Pump P-2.
- .7 Supply and install 1 pole, 120V, 15A breaker to panel 50B, cct. any available.
- .8 Supply and install 2C#12 AWG Teck 90, 1000V cable from panel 50B to heater HWT-2.
- .9 Supply and install 1 pole, 120V, 15A breaker to panel 50B, cct. any available.
- .10 Supply and install 2C#12 AWG Teck 90, 1000V cable from panel 50B to Pump P-1.
- .11 **Replace** MWSB Form 3B Schedule of Prices with attached MWSB Form 3B (Revision 3).

.12 **Add** to Section 01150, Clause 1.3:

- .3 Make applications for payment on account monthly as Work progresses.
- .4 Date applications for payment last day of agreed monthly payment period and ensure amount claimed is for value, proportionate to amount of Contract, of Work performed at that date.
- .5 Submit to Engineer, at least fourteen (14) days before first application for payment, Schedule of Values for parts of Work, aggregating total amount of Contract Price, to facilitate evaluation of applications for payment.

.13 **Replace** Section 01150, Clause 1.6.4.2 (Addendum 3) with the following:

- .2 Basis of Payment: Payment for “Ozone Contactor Modifications” shall be paid for at the Contract Lump Sum Price and shall include all work related to the supply, installation and commissioning of ozone contactor modifications, including benching of contactor corners, installation of stainless steel baffle walls, installation of ozone analyzers, testing tile materials for asbestos, appurtenances, and other site improvements as required in the Specifications.

.14 **Add** to Section 01150, Clause 1.6 the following:

- .10 Epoxy Injection of Contactor Ceiling:
 - .1 Method of measurement: “Epoxy Injection of Contactor Ceiling” shall be measured in terms of linear metres
 - .2 Basis of Payment: Payment for “Epoxy Injection of Contactor Ceiling” shall be paid for at the Contract Unit Price and shall include all work related to the assessment of the Ozone Contactor 2 ceiling for cracks, the supply and installation of an epoxy injection system for repair of said ceiling cracks, appurtenances, and other site improvements as required in the Specifications. Unit price to be all inclusive labour, material, travel expenses, overhead and profit.

.15 **Amend** Section 11105 to include the Acceptable Products as follows:

- Knife Gate Valve **Add** Trueline F8112 Series, Bray VAAS Series 940
- Air Relief Valve **Add** Flomatic Miniair Series
- Butterfly Valve (RF-2015/2016/2017) **Add** Bray Series 31
- Pressure Sustaining Valve **Amend** size range to 100-200 mm. Pilot filter to be 100 micron filter.

.16 **Add** to Section 11306, Clause 2.1:

.4 The Contactor has the option to provide two (2) single inlet/outlet channel peristaltic pumps rather than a dual inlet/outlet channel peristaltic pump to meet the intent of the Work. This additional peristaltic pump shall have the tag number P-5405. Should single inlet/outlet channel peristaltic pumps be selected, the Contactor shall also include the following as part of the Work:

1. Install Pump P-5405 adjacent to Pump P-4205.

2. Provide and install 1 pole, 120V breaker to available space in panel PP-3A. Use NEMA 4X disconnect switch, Leviton MS4X-302 or equal.

3. Provide and install 2C#12 AWG Teck 90, 1000V cable from panel PP-3A to pump disconnect switch.

.17 **Add** to Section 11306, Clause 2.2:

.3 Waston-Marlow Qdos 120.

.4 Blue-White Flex-Pro M-3.

.18 **Delete** Section 16225, Clause 2.1.1.2 and Clause 2.1.1.3.

.19 **Delete** Section 16226, Clause 2.1.2.2 and Clause 2.1.2.3.

.20 Refer to Drawing 05-E001: **Delete** Note 4. Refer to Drawing 10-M101 for unit heater requirements.

.21 Refer to Drawing 10-E101: **Delete** references to Note 4.

END OF ADDENDUM

SCHEDULE OF PRICES

PROJECT NO. MWSB

| DESCRIPTION OF WORK | ESTIMATED QUANTITIES | UNIT | UNIT PRICE \$0.00 | TOTAL \$0.00 |
|--|---------------------------------------|-------------|--------------------------|---------------------|
| 1. Raw Water Flow Control | 1 | Lump Sum | | |
| 2. Pre-Treatment Screening | 1 | Lump Sum | | |
| 3. Lime Batching Alterations | 1 | Lump Sum | | |
| 4a. Ozone Contactor Modifications | 1 | Lump Sum | | |
| 4b. Tile Removal and Repair | 35 | m2 | | |
| 4c. Epoxy Injection of Contactor Ceiling | 6 | lin. m | | |
| 5. Makeup Water System for Chemical Batch Tanks | 1 | Lump Sum | | |
| 6. City Distribution Pumps | 1 | Lump Sum | | |
| 7. PLC Upgrades | 1 | Lump Sum | | |
| 8. SCADA System Upgrades and McKay Reservoir Control | 1 | Lump Sum | | |
| Pump and Valve Refurbishment Allowance | | | | \$ 37,500 |
| Extra Work Allowance | | | | \$ 200,000 |
| | | | | |
| | Subtotal | | | \$ |
| | | | | |
| *PST must be included in unit prices. | Goods & Services Tax (5% of Subtotal) | | | \$ |
| | | | | |
| | TOTAL TENDER PRICE | | | \$ |

Name of Bidder