

March 5, 2018

Dear Sir:

Attached is Addendum No. 2 dated March 5, 2018 to the Specifications for The Manitoba Water Services Board Contract No. M.W.S.B. 1409, Arborg Water Treatment Plant Standby Pump Replacement. 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

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

Dear Sir:

We have received Addendum No. 2 dated March 2, 2018 to the Specifications for The Manitoba Water Services Board Contract No. M.W.S.B. 1409, Arborg Water Treatment Plant Standby Pump Replacement.

Yours truly,

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Company

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Per

## ADDENDUM NO. 2

**PROJECT:** Arborg Water Treatment Plant Standby Pump Replacement  
Arborg, Manitoba

**PROJECT NO.:** MWSB 1415

**DATE:** March 5, 2018

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Receipt of this addendum shall be acknowledged in the submission of the completed tender. This addendum shall form part of the contract. Please check your tender to include or deduct the work outlined in this addendum. The tenders submitted without this addendum included shall be registered as an invalid tender submission.

1. **Piping Insulation**

*Reference: Drawing M05, Revision 0, Item 2.4*

Delete: Item 2.4.

New piping shall not be insulated.

2. **Pipe Disinfection and Identification**

All new PVC piping shall be identified and disinfected in accordance with the MWSB Standard Specifications.

3. **Valve V32**

*Reference: Drawing M03, Revision 0*

Delete keynote #2 from valve V32 on drawing M03. Existing valve V32 to remain.

4. **Pipes through Floor into Reservoir**

*Reference: Drawing M02, Revision 0, Section A*

The existing pipe sleeves indicated to pass through the floor into the reservoir shall remain.

## 5. Pressure Relief Valves

*Reference: Specification: MWSB Listing of Approved Products  
Drawing M00, Revision 0, Component Schedule  
Drawing M03, Revision 0  
Drawing M05, Revision 0*

Add the following line to Base Bid Components in the Component Schedule on drawing M01:

Pressure Relief Valve, size: 50Ø, quantity: 1

Provide above indicated component as replacement for valve indicated on drawing M03 as V11.

Revise the quantity of 12Ø pressure relief valves to be three (3), under Base Bid Components in the Component Schedule on drawing M01. Provide these pressure relief valves as replacements for valves V8, V9 and V10 indicated on drawing M03. Refer to drawing M05, item 2.3.1 for specifications.

Revise the setting of V11 on M03 to indicate: PRV SET @ 73 PSI

Add the following to drawing M05:

- 2.3.2. Pressure Relief Valve (NPS 2):
  - 2.3.2.1. Certified for use on potable water systems.
  - 2.3.2.2. Angle pattern flow path.
  - 2.3.2.3. Body and Cover: Bronze.
  - 2.3.2.4. Disc Retainer & Diaphragm Washer: Bronze.
  - 2.3.2.4. Trim: Stainless steel.
  - 2.3.2.5. Max.400 PSI pressure rating.
  - 2.3.2.6. Adjustment range: 20-200 PSI.
  - 2.3.2.7. Acceptable product: CLA-VAL model 50-01.

Provide pressure relief valves in accordance with Manitoba Water Services Board Listing of Approved Products.

## 6. Air Release Valves

*Reference: Specification: MWSB Listing of Approved Products  
Drawing M00, Revision 0, Component Schedule  
Drawing M05, Revision 0*

Add the following line to Base Bid Components in the Component Schedule on drawing M01:

Air Release Valve, size: 25Ø, quantity: 4

Provide above indicated components at each pump discharge. Refer to drawing M05, item 2.8.1 for specifications.

Provide air release valves in accordance with Manitoba Water Services Board Listing of Approved Products.

**7. Pipe segment with Valve V26**

*Reference: Drawing M02, Revision 0, Section A  
Drawing M03, Revision 0*

Add the replacement of piping indicated on drawing M03 to connect to the west reservoir cell with valve V26 to the base bid price as indicated on drawing M02, section A. Pipe sleeve passing through floor into reservoir shall remain.

**8. Elevation of Pipe Segment 'C' and Riser**

*Reference: Drawing M01, Revision 0, Detail 2  
Drawing M05, Revision 0*

The portion of 250mm piping indicated as Segment 'C' on drawing M01 does not change in elevation until the 250mm riser at the northeast corner. Replace riser down to flange at floor level (approx. 3600mm) as part of piping Segment 'C' including Combination Air Release and Vacuum valve at top of riser with valve indicated on drawing M05, item 2.8.2.

**9. Pressure Gauge on Piping Segment 'A'**

*Reference: Drawing M02, Revision 0, Section A  
Drawing M03, Revision 0*

Add a pressure gauge to piping Segment 'A' on drawing M03 as indicated on drawing M02, section A.

**10. Check Valves**

*Reference: Specification Section 150500  
Specification: MWSB Listing of Approved Products  
Drawing M00, Revision 0, Component Schedule*

All check valves to be silent type check valves in accordance with specification section 150500. Provide silent type check valves in accordance with Manitoba Water Services Board Listing of Approved Products.

**11. Temporary Pumping**

*Reference: Specification Section 01001 - Special Provisions*

Revise Item 3.03 to read as follows:

**3.03  
PIPING  
REPLACEMENT**

The Contractor has the following options:

Option 1: Provide 150mm diameter hoses rated at 80 PSI for temporary by-pass of piping during replacement of piping sections utilizing the existing distribution pumps. Temporary by-pass shall maintain a minimum pressure equal to that of normal plant operations. The Contractor shall confirm the required flows and pressures with plant operators.

Option 2: The coordinate the timing of any interruption of plant water distribution service shall to the Town in accordance with article 1.06 of this section.

**12. Accepted Equals**

*Reference: Specification MWSB Part 1, Paragraph 10  
Drawing M00, Revision 0, Pump Schedule*

Acceptable equals to Peerless pump indicated in Pump Schedule on drawing M00 as follows:

Goulds model VIT-CATM 14RHLC-3S