

May 8, 2018

Dear Sir:

Attached is Addendum No. 1 dated May 8, 2018 to the Specifications for The Manitoba Water Services Board Contract No. M.W.S.B. 1416, Cartier Regional Water Co-op, Cartier WTP - Raw Water Pond 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. 1 dated May 8, 2018 to the Specifications for The Manitoba Water Services Board Contract No. M.W.S.B. 1416, Cartier Regional Water Co-op, Cartier WTP - Raw Water Pond Upgrades.

Yours truly,

Company

Per

THE MANITOBA WATER SERVICES BOARD

CONTRACT NO. M.W.S.B. 1416

**CARTIER REGIONAL WATER CO-OP
CARTIER WTP - RAW WATER POND UPGRADES**

ADDENDUM NO. 1

To the tender documents for the Cartier Regional Water Co-op, Cartier WTP - Raw Water Pond Upgrades

May 8, 2018

PRECEDENCE

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

SCOPE

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

1.1 MWSB FRONT END - PART 1, PART 3

- .1 Revise all instances of the Project Description and replace “8,000 m³ of rip rap” with “8,000 m² of rip rap”.

1.2 REVISED FORM MWSB 3B

- .1 Use revised Schedule of Prices included with this addendum.

1.3 MWSB SPECIFICATIONS

- .1 Add to the list of application MWSB Standard Construction Specifications:
 - .1 MWSB 022840 - Supply and Placement of Rip Rap and Rip Rap Bedding
 - .2 MWSB 027110 - Fencing

1.4 SECTION 01 00 10 - SPECIAL PROVISIONS

- .1 Revise Item 1.2.4.3 - Existing blower shall remain in the existing aeration building.
- .2 Add Clause 1.2a - Construction Staging
 - .1 The WTP is unable to completely bypass the existing ponds and obtain raw water directly from the River. In order to complete the required scope of work for the existing pond, the following phasing is required:

- .1 The contractor shall complete the new pond and place into service.
- .2 The interconnection valve between the two ponds can be opened to equalize the water level and partially drain the existing pond into the new pond. The contractor should expect that it will take approximately 7 days for the WTP to naturally draw down the existing pond.
- .3 Note that it is not possible to completely drain down the existing pond. The contractor should assume some damming will be required in order to install the new screen on the existing draw pipe.

1.5 SECTION 46 51 99 - POND AERATION

- .1 Revise Item 2.3.5 - Delete aircooler requirement.

1.6 DRAWING 4065-00-C-102

- .1 Contractor shall assume that the aeration supply piping crossing River Road E will be pre-insulated. Open trench installation will require road restoration to Municipal and/or MWSB standards. Trenchless methods will be permitted only if the insulated pipeline is installed in a casing pipe to preserve the insulated covering.

1.7 DRAWING 4065-00-C-102

- .1 Revise Note 5: Estimated Excess Material = **0-2,000 m³**.
- .2 Revise Note 6: Fill material for old ponds = **7,500-9,500 m³**.

1.8 DRAWING 4065-00-C-104

- .1 Clarification of Profile 2: The intent of this profile is to show that this area of the pond embankment that has eroded away and needs to be backfilled and restored. It is not asking for this section to be excavated. Top of berm elevation to restore to ranges from 245.100 to 245.300. Restoration is only required on the interior side of the embankment.

1.9 DRAWING 4065-00-C-105

- .1 Revise invert elevation of the 250 mm Ø SCH10 SS Overflow Pipe from 240.00 m to **245.30 m**.
- .2 To minimize settlement of the new aeration building structure, weir manhole shall be backfilled with clay borrow from the new pond site, compacted to 98% SPD.
 - .1 Backfill around the weir manhole will be paid on the unit price per cubic metre of Item 2.5 in the Schedule of Prices.

1.10 DRAWING 4065-00-A-301

- .1 Clarification of Typical Detail 1:
 - .1 Add “**Top of Floor Slab = El. 245.50 m**”
 - .2 Revise “**U/S Truss = El. 248.500 m**”
- .2 Ceiling height = 3.0 m

1.11 DRAWING 4065-00-E-601

- .1 Note the aeration equipment supplier will require the installation of a heat trace panel in the new aeration building. Estimated demand is max 2000 W. Coordinate with equipment supplier.

END OF ADDENDUM #1

ADDENDUM #1

SCHEDULE OF PRICES - PROJECT NO. MWSB 1416

Item No.	Description	Unit	Approx. Quantity	Unit Price \$0.00	Total Price \$0.00
1.0	<u>NEW RAW WATER STORAGE POND</u>				
1.1	Topsoil & Organics Stripping, Stockpiling, and Dispersal	LS	1		
1.2	Excavation and Embankment For New Storage Pond (Placed)	m ³	25,000		
1.3	Excavation Stockpile and Dispersal (Cut)	m ³	9,150		
1.4	Finish Grading, Topsoil and Seeding	LS	1		
1.5	300 mm Raw Water Fill Connection, Tee and 300 mm Gate Valve	LS	1		
1.6	300 mm Raw Water Fill Piping into Pond, 300 mm Gate Valve and Rip Rap Pad	LS	1		
1.7	50 mm Chemical Feed Conduit and Tubing	LS	1		
1.8	300 mm Raw Water Draw Line with Gate Valve, Screen and Pad	LS	1		
1.9	300 mm Decant Drain Piping, 300 mm Gate Valve and Rip Rap Swale	LS	1		
1.10	Rip Rap Around New Pond Cell	m ²	4,000		
1.11	1.8 m High Perimeter Fencing w/ Gate	Lin. m.	650		
1.12	Pond Access Driveway w/ Culvert	LS	1		
2.0	<u>EXISTING RAW WATER STORAGE POND</u>				
2.1	Drain Pond for Repairs and Upgrades	LS	1		
2.2	Screen and Pad on Raw Water Draw Line w/ Flanged Connection	LS	1		
2.3	300 mm Raw Water Draw Line Interconnection w/ Gate Valves	LS	1		
2.4	300 mm Decant Drain piping, 300 mm Gate Valve and Rip Rap Swale	LS	1		
2.5	Excavation and Embankment for Berm Restoration	m ³	9,000		

Item No.	Description	Unit	Approx. Quantity	Unit Price \$0.00	Total Price \$0.00
2.6	Finish Grading, Topsoil and Seeding in Disturbed Areas	LS	1		
2.7	Rip Rap Around Existing Pond Cell	m ²	3,800		
3.0	<u>AERATION BUILDING</u>				
3.1	Civil Works	LS	1		
3.2	Structural and Building	LS	1		
3.3	Mechanical	LS	1		
3.4	Electrical and Instrumentation	LS	1		
4.0	<u>AERATION EQUIPMENT</u>				
4.1	Supply and Install Complete Aeration System c/w Training	LS	1		
	EXTRA WORK ALLOWANCE				\$100,000.00
				Sub-total	
	*PST must be included in unit prices.			GST (5%)	
	TOTAL TENDER PRICE				

Name of Bidder