



# 773-2015 ADDENDUM 01

## WEST END SEWAGE TREATMENT PLANT (WEWPC) RETURN ACTIVATED SLUDGE PIPE REPLACEMENT PROJECT

ISSUED: September 29, 2015  
BY: Jason Smith  
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### URGENT

**PLEASE FORWARD THIS DOCUMENT TO  
WHOEVER IS IN POSSESSION OF THE BID  
OPPORTUNITY**

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

Template Version: A20150806

Please note the following and attached changes, corrections, additions, deletions, information and/or instructions in connection with the Bid Opportunity, 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 4:00 p.m. Winnipeg time, October 2, 2015.

### PART D – SUPPLEMENTAL CONDITIONS

- Add: D2.3 Existing electrical and welding outlets will be available for work inside the facility. No electrical power will be available for Contractor’s trailer. An area for tables and chairs for lunch and office work, not exceeding forty (40) square meters, will be supplied inside the facility. One of the facility washrooms will be designated for Contractor use.
- Add: D2.4 Snow clearing and other provisions necessary to move equipment and materials on the graded approach to the facility tunnel access door is considered to be incidental to the work, and is the responsibility of the Contractor.
- Add: D2.5 There is no potable water supply available on Site. Flushing water (secondary effluent) will be available for use in pipe hydrotesting. Secondary effluent contains Fecal and E-coli coliforms and other contaminants consistent with wastewater treatment. Contractor shall take appropriate precautions when handling secondary effluent. Flushing water will be used by the City to flush the pre-anoxic zone of each Bioreactor prior to Contractor entry.
- Add: D13.6 The detailed work schedule shall be based on delivery of RAS piping valves pre-purchased by the City to site no later than November 12, 2015. These valves are listed in Part E, Section E8 – City Pre-Purchased Items.

### PART E – SPECIFICATIONS

- Revise: E5.1 to read: Entry into the Pre-Anoxic chamber of each Bioreactor is considered confined space entry. Access into each Pre-Anoxic chamber is through an outdoor hatch in the roof of each chamber. **There is no existing ladder for access into the chamber.** The Contractor shall comply with the requirements of the Manitoba Labour Guidelines for Confined Entry Work, and the Manitoba Labour Fall Protection Guideline.
- Revise: E5.4 to read: The Contractor shall provide temporary heating, ventilation and lighting as required for work inside each Bioreactor.

- Revise: E6.4 to read: All work necessary to complete tie-ins and construction shall be performed by the Contractor unless noted otherwise, and shall be coordinated with the Contract Administrator. Shutdown and startup of operating systems to enable tie-ins and construction will be performed by the City. The Contractor shall notify the Contract Administrator in writing at least three (3) weeks in advance of any work requiring shutdown of the RAS pumps or Bioreactors 1 or 2.
- Revise: E6.5(b) to read: Replacement of RAS line 2 (S741-300-RAS) as shown on drawings, while RAS line 1 (S740-300-RAS) remains in operation. This work requires shutdown and draining of Bioreactor 2 by the City. A period of ten (10) working days is required for the City to shutdown and drain Bioreactor 2.
- Revise: E6.5(e) to read: Replacement of RAS line 1 (S740-300-RAS) as shown on drawings while RAS line 2 (S741-300-RAS) remains in operation. This work requires shutdown and draining of Bioreactor 1 by the City. A period of ten (10) working days is required for the City to shutdown and drain Bioreactor 1.
- Revise: E9.7(c) to read: New pipe support hangers, structural attachments, saddles and accessories shall be hot-dipped galvanized following fabrication. Support attachments welded to pipe, such as elbow base supports, shall be painted to match pipe.
- Revise: E9.8(e) to read: Flange Gaskets: Full-face gasket, nitrile (NBR) elastomer, 3mm (1/8") thick, AWWA C111, high performance type with minimum 3 bulb-type rings molded into both faces of the gasket, suitable for B16.1 125 lb and B16.5 150 lb flanges.
- Revise: E9.9(b) to read: New 75mm (3") piping for sump drain line relocation shall be carbon steel with grooved couplings and fittings to match existing. Exterior finish to match existing. No internal lining unless examination of existing reveals otherwise.
- Add: E9.12(k) Valves pre-purchased by the City shall be cleaned and field painted by the Contractor with epoxy finish to match piping colour.

## **DRAWINGS**

- Revise: E1.2 to read: The following are applicable to the Work:

<u>Drawing No.</u>	<u>Consultant Drawing No.</u>	<u>Drawing Name/Title</u>
1-0103S-M0030-001	M01	WEWPCC RAS PIPE REPLACEMENT – MECHANICAL – RAS PIPING – DEMOLITION PLAN
1-0103S-M0031-001	M02	WEWPCC RAS PIPE REPLACEMENT – MECHANICAL – RAS PIPING – PLAN
1-0103S-M0032-001-01	M03	WEWPCC RAS PIPE REPLACEMENT – MECHANICAL – RAS PIPING – PART PLAN – SHEET 1 OF 3
1-0103S-M0032-002	M04	WEWPCC RAS PIPE REPLACEMENT – MECHANICAL – RAS PIPING – PART PLAN – SHEET 2 OF 3
1-0103S-M0032-003-01	M05	WEWPCC RAS PIPE REPLACEMENT – MECHANICAL – RAS PIPING – PART PLAN – SHEET 3 OF 3
1-0103S-M0033-001-01	M06	WEWPCC RAS PIPE REPLACEMENT – MECHANICAL – RAS PIPING – ELEVATIONS
1-0103S-M0034-001-01	M07	WEWPCC RAS PIPE REPLACEMENT – MECHANICAL – DRAINAGE PIPE RELOCATION
1-0103S-M0035-001-01	M08	WEWPCC RAS PIPE REPLACEMENT – MECHANICAL – RAS PIPING – SECTIONS AND DETAILS
1-0103S-M0036-001	M09	WEWPCC RAS PIPE REPLACEMENT – MECHANICAL – RAS PIPING – PIPE SPOOL DETAILS – SHEET 1 OF 5
1-0103S-M0036-002	M10	WEWPCC RAS PIPE REPLACEMENT – MECHANICAL – RAS PIPING – PIPE SPOOL DETAILS – SHEET 2 OF 5

1-0103S-M0036-003	M11	WEWPCC RAS PIPE REPLACEMENT – MECHANICAL – RAS PIPING – PIPE SPOOL DETAILS – SHEET 3 OF 5
1-0103S-M0036-004-01	M12	WEWPCC RAS PIPE REPLACEMENT – MECHANICAL – RAS PIPING – PIPE SPOOL DETAILS – SHEET 4 OF 5
1-0103S-M0036-005-01	M13	WEWPCC RAS PIPE REPLACEMENT – MECHANICAL – RAS PIPING – PIPE SPOOL DETAILS – SHEET 5 OF 5
1-0103S-A0005-001-03 *	L12.07	PROCESS – AREA S – SECONDARY CLARIFIER 3 – RETURN ACTIVATED SLUDGE PUMPING – P&ID
1-0103S-A0001-001-05 *	L12.01	PROCESS – AREA S – BIOREACTORS – BIOREACTOR 1 – P&ID
1-0103S-A0001-002-05 *	L12.02	PROCESS – AREA S – BIOREACTORS – BIOREACTOR 1 – P&ID
1-0103S-A0002-001-05 *	L12.03	PROCESS – AREA S – BIOREACTORS – BIOREACTOR 2 – P&ID
1-0103S-A0002-002-05 *	L12.04	PROCESS – AREA S – BIOREACTORS – BIOREACTOR 2 – P&ID
* On P&IDs, only the clouded regions noted as “Project 773-2015” are applicable to the Work		

Replace: 773-2015 \_Drawing\_M03-R0 with 773-2015 \_Addendum\_01 \_Drawing\_M03-R01  
773-2015 \_Drawing\_M05-R0 with 773-2015 \_Addendum\_01 \_Drawing\_M05-R01  
773-2015 \_Drawing\_M06-R0 with 773-2015 \_Addendum\_01 \_Drawing\_M06-R01  
773-2015 \_Drawing\_M07-R0 with 773-2015 \_Addendum\_01 \_Drawing\_M07-R01  
773-2015 \_Drawing\_M08-R0 with 773-2015 \_Addendum\_01 \_Drawing\_M08-R01  
773-2015 \_Drawing\_M12-R0 with 773-2015 \_Addendum\_01 \_Drawing\_M12-R01  
773-2015 \_Drawing\_M13-R0 with 773-2015 \_Addendum\_01 \_Drawing\_M13-R01  
773-2015 \_Drawing\_1-0103S-A0001-001-04-R04 with 773-2015 \_Addendum\_01 \_Drawing\_1-0103S-A0001-001-05-R05  
773-2015 \_Drawing\_1-0103S-A0002-001-04-R04 with 773-2015 \_Addendum\_01 \_Drawing\_1-0103S-A0002-001-05-R05