



ADDENDUM 2 BID OPPORTUNITY 35-2006

WINNIPEG WATER TREATMENT PROGRAM – DEACON BOOSTER PUMPING STATION UPGRADE

URGENT

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

ISSUED: August 3, 2007

BY: Bill Richert, P. Eng.

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

Template Version: A20050506

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 10 of Form A: Bid may render your Bid non-responsive.

PART A – BID SUBMISSION

Replace 35-2006-Bid_Submission with 35-2006_Addendum_2-Bid_Submission. Form G2 has been replaced by Form G2(R1).

PART B – BIDDING PROCEDURES

Revise: B2.1 to read: The Submission Deadline is 12:00 noon Winnipeg time, August 15, 2007.

PART D – SUPPLEMENTAL CONDITIONS

Revise: D17.1 to read: Performance of the Work will require periodic shutdown of the Branch I and Branch II aqueducts (by the City). These shutdowns will be provided by the City to allow the Contractor access to allow for installation of the new 900mm flow meter on Branch I and the new 1200mm butterfly valve on Branch II. These shutdowns will be limited to ten (10) Calendar Days for Branch I and five (5) Calendar Days for Branch II and will not be possible between the forth Monday of May and the first Monday of September. Concurrent shutdowns of Branch I and Branch II will not be allowed.

Revise: D22.1(a) to read: Prior to Total Performance, all monthly maintenance for all Materials and City Supplied Equipment installed by the Contractor shall be provided in accordance with the Supply Contractor's written instructions. For the City Supplied Equipment supplied under Bid Opportunity 385-2003, no monthly maintenance is required. For City Supplied Equipment supplied under Bid Opportunity 571-2005 monthly maintenance shall include: ensuring the VSD is decoupled, rotating the motors and ensure motor space heater is operating, inspect and maintain pump packing. Immediately prior to the completion of Performance Verification pursuant to D17.3, the Contractor shall provide a lubricant change for the City Supplied Equipment supplied under 571-2005.

PART E – SPECIFICATIONS

Section 01650

- Revise: 6.2 to read: Performance Verification will be conducted in two (2) different intervals; once prior to Substantial Performance and one after Substantial Performance and prior to Total Performance. Performance Verification cannot be completed until the Systems Integrator integrates the controls installed under this Contract with the completed WTP SCADA system. The Contractor shall attend all tests required during Performance Verification.
- Revise: 6.3 to read: Performance Verification activities conducted prior to Substantial Performance will be performed under the Deacon Reservoir static head conditions, which is approximately 6m greater than the design static head condition of the clearwell.
- Revise: 6.4 to read: Performance Verification activities conducted after Substantial Performance will be performed under design static head conditions.

Section 15202

- Add: 2.8 Air Release Valve:
- Add: 2.8.1 Suitable for water service, automatically exhaust small amounts of entrained air that accumulates in a system, in CLOSED position, seat against resilient seat to prevent water leakage.
- Add: 2.8.2 Rated 1035 kPa working pressure, cast iron, ductile iron body and cover, stainless steel float and trim, NPT threaded inlet and outlet, built and tested to AWWA C512.
- Add: 2.8.3 Acceptable Manufacturers and Products:
- Add: 2.8.3.1 APCO Valve and Primer Corp.; Series 50, 200, and 200A.
- Add: 2.8.3.2 Val-Matic Valve; Series 15A to 45.6.

Section 16960

- Revise: 1.2.1.4 to read: Motorized actuators supplied and installed by the Contractor.
- Revise: 1.2.1.5 to read: Flow meters supplied and installed by the Contractor.

Section 17015

- Revise: 2.3.7 to read: Supply, install and terminate cabling from TJB-D22 to CP-D21 to serve valve actuators FV-T301A and FV-T302A.

DRAWINGS

The following Drawing has been revised and forms part of this Addendum:

Consultant **Drawing No.**

City Drawing No.

Drawing Title

CM-G001

Construction Site Layout

The following Drawings have been added and form part of this Addendum:

<u>Consultant Drawing No.</u>	<u>City Drawing No.</u>	<u>Drawing Title</u>
WM-P0001	1-0601M-D-P0001-001-04D	Construction Standards – Process And Instrumentation - Identification
WM-P0002	1-0601M-D-P0002-001-03D	Construction Standards – Process And Instrumentation - Symbols

Clarification: With reference to drawing WD-M0101: Although the Contractor has been given the option of reusing pipe existing pipe segments to facilitate the installation of the new 900mm magnetic flow meter, his means and methods must comply with the schedule restrictions specified in D17.1. If the Contractor chooses to reuse piping, then all remedial work to re-used pipe shall be completed within the maximum allowable shutdown including, but not limited to, surface preparation, coating, curing, welding and disinfection.

Clarification: With reference to drawing WD-M0205: The reference to detail 3/WD-M0401 for a liquid tight seal applies to the pipe penetration through the exterior wall, not the floor penetration.

Clarification: With reference to detail 4/WD-M0401: the checker plate shall be either stainless steel or aluminum.

Clarification: With reference to drawing WD-S0105: The rigid insulation on the roof of the valve chamber has been supplied and installed by the City. The City has provided a removable section of insulation approximately 1m x 1m in plan to provide the Contractor with access to the valve chamber roof for this portion of the Work. The Contractor shall provide all excavation and backfill required to access the removable section of insulation and shall modify and replace the insulation as required to accommodate the Work.