



## **ADDENDUM 4 BID OPPORTUNITY 159-2007**

### **WINNIPEG WATER TREATMENT PROGRAM – SUPPLY OF HMI HARDWARE AND PLC AND HMI SOFTWARE CONFIGURATION SERVICES**

#### **URGENT**

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

ISSUED: August 23, 2007

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

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**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.**

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#### **PART A – BID SUBMISSION**

Replace: 159-2007\_Addendum\_3-Bid\_Submission with 159-2007\_Addendum\_4-Bid\_Submission. Form B(R1) has been replaced by Form B(R2) and Form G2(R2) has been replaced by Form G2(R3).

#### **PART B – BIDDING PROCEDURES**

Revise: B2.1 to read: The Submission Deadline is 4:00 p.m. Winnipeg time, August 29, 2007.

#### **PART D – SUPPLEMENTAL CONDITIONS**

Add: D9.1(b)(iii) The Contractor shall be responsible for insuring their own equipment and tools.

Revise: D24.1(e) to read: Items 5.0, 5.1 and 5.2 on Form B: Prices: The unit price will be paid on the basis of time spent on Site. Timesheets shall be submitted by the Contractor and approved by the Contract Administrator. The unit prices in Form B: Prices shall be inclusive of all overhead (including small tool costs) and profit. No additional mark-up shall be applied to any labour performed by any Subcontractor during the provision of these services on Site. Items 5.0, 5.1 and 5.2 on Form B: Prices will be paid for portions of the Work related to Performance Verification and System Demonstration that can only be performed on Site and does not include project management.

#### **PART E – SPECIFICATIONS**

##### **Section 17500**

Revise: 2.2.3 to read: Two (2) Engineering workstations rack mounted with the following proposed minimum requirements: HP xw6400 Workstation - including Intel® Xeon® 5110 Processor (1x 1.60 GHz / 1066 MHz FSB), 2 x 80 GB SATA HDD mirrored, 2 x HP L2045w 20-inch Flat Panel Monitor with NVIDIA Quadro FX1500 256MB PCIe Graphics, Windows® XP Professional 32-bit Edition SP2, 2GB (2 x 1GB) DDR2-667 RAM, USB Keyboard, and a 3-button USB Optical Mouse. There shall be two flat panel monitors at each workstation.

Revise: 2.2.4 to read: One (1) Galaxy Repository workstation rack mounted with the following proposed minimum requirements: HP xw6400 Workstation - including Intel® Xeon® 5110 Processor (1x 1.60 GHz / 1066 MHz FSB), 2 x 80 GB SATA HDD mirrored, 1 x HP L2045w 20-inch Flat Panel Monitor with NVIDIA Quadro FX1500 256MB PCIe Graphics, Windows® XP Professional 32-bit Edition SP2, 2GB (2 x 1GB) DDR2-667 RAM, USB Keyboard, and a 3-button USB Optical Mouse.

**Section 17501**

Delete: 3.1.1

**Section 17600-A**

Clarification: P&ID drawings WG-P000, WG-P0002, WG-P0003, WG-H0502, WG-H0504, WB-H0501, WB-H0502, WB-H0503, WB-H0504 and WB-H0506 are HVAC control schematics for the WTP and the generator building. The Contractor does not have to do any PLC programming for these, only bring the I/O listed into the SCADA system and display it.