



## 822-2009 ADDENDUM No. 2

### NORTH END AND SOUTH END WATER POLLUTION CONTROL CENTRE HAULED WASTEWATER RECEIVING FACILITIES AND ASSOCIATED WORKS

#### **URGENT**

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

ISSUED: March 11, 2010  
BY: Al Beghin, P. Eng.  
TELEPHONE NO. (204) 489-5900

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

Template Version: A20070419

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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 B – BIDDING PROCEDURES**

Revise: B2.1 to read: The Submission Deadline is 12:00 noon Winnipeg time, **March 30, 2010**.

#### **PART E – SPECIFICATIONS**

Add to E1.3: The following are applicable to the Work:

<u>Drawing No.</u>	<u>Drawing Name/Title</u>
1-0101A-P0006-001	Leachate Receiving Building Pump Room Floor Plan and Sections
1-0101A-P0007-001	Leachate Storage Tank Building Gallery 2 and 3 Plans and Sections
1-0101A-P0008-001	Leachate Storage Tank Building Gallery 2 Plans and Gallery 5 Detail

Delete: Section 03 30 00 Clause 1.2.2.1

Delete: Section 03 30 00 Clause 1.2.2.5

Revise: Section 03 30 00 Clause 2.1.1 to read: Portland cement: to **CAN/CSA- A3000**, normal type GU/**GUb** or Sulphate resistant Type HS/**HSb** where indicated on drawings or in mix design.

Revise: Section 03 30 00 Clause 2.1.2 to read: Blended Hydraulic cement: to **CAN/CSA-A3000**.

Revise: Section 03 30 00 Clause 2.2.1 to read: All concrete work shall be in accordance with **CAN/CSA-A23.1-09**, Alternative 1 Performance Specifications.

Revise: Section 03 30 00 Clause 2.1.3 to read: Supplementary cementing materials: to CAN/CSA-A3000 **Class CI Fly Ash. Fly Ash must be tested with the cement and comply with the sulphate expansion**

**requirements for Type HSb blended hydraulic cement in CSA A3000. Limit Fly Ash content to 25% of cementitious materials.**

Add: Section 05 53 00 Aluminum Fabrications

Add: Section 09 22 00 Portland Cement

Revise: Section 23 31 13 Clause 2.1.1 to read: Ducts: stainless steel type 304 lock forming quality.

Revise: Section 23 82 16 Clause 2.2.1 to read: Tube Type: steel or cast iron headers and straight tubes.

Add to Section 26 50 00 Clause 2.3: .2 Type "A"

Chain suspended fluorescent fixture, fibreglass, enclosed and gasketed, suitable for damp corrosive environments complete with 4 – 32WT8 lamps. Acceptable manufactures are:

Lithonia No. TFCD-432-120-M5  
CFI No. VT-248T-120-50  
Peerless No. FCC-8-432-120-EL

.3 Type "B"

Chain suspended fluorescent fixture, fibreglass, enclosed and gasketed, suitable for damp corrosive environments complete with 2 – 32WT8 lamps. Acceptable manufactures are:

Lithonia No. FCD-232-120-M5  
CFI No. VT-248-120-50  
Peerless No. FCC-4-432-120-EL

Add to Section 26 52 01 Clause 2.1: .14 Acceptable manufactures are Emergi-Lite, Lamacell or approved equal.

Add to Section 26 53 00 Clause 2.1: .9 Acceptable manufactures are:

Lithonia LVS Series  
Lumacell LER Series  
Emergi-Lite LPEX Series

Add to Section 44 05 01 Clause 2.7: .2 The measured horizontal distance between the existing compressor header in Gallery 4 to the air reservoir location in Gallery 2 is 55 metres. The vertical rise and fall is assumed at 4.0 metres. The total length of air supply pipe to the air reservoir is 59.0 metres.

Revise: Section 44 10 01 Clause 2.2.1.2 to read: Capacity: **2,000** litres per minute at a head of 46.7 metres W.G.

Revise: Section 44 10 01 Clause 2.2.1.7 to read: **Single cartridge style mechanical seal with silicon carbide faces and Viton Elastomers.**

Delete: Section 44 10 01 Clause 2.2.1.8

Revise: Section 44 20 01 Clause 2.10.1 to read: Paint exterior copper pipes with 1 coat of primer, one intermediate coat of epoxy paint and one top coat of epoxy. Color to be in accordance with the facility standard. Leachate stainless steel pipe is not painted.

Add to Section 44 30 01 Clause 1.1.2: **The Leachate Receiving Building and Hauled Wastewater Receiving Building** sampler air compressor to be installed as shown on the drawings.

Add to Section 44 30 01 Clause 1.1: .4 Supply and install Leachate Storage Tank sampling station consisting of a sampling spool section, pneumatic sampler, sampler controller and refrigerator as shown on the drawings. Connect sampler air supply lines to air reservoir discharge piping.

## **DRAWINGS**

Replace: 822-2009\_Drawing\_1-0101A-C0002-001-RA with 822-2009\_Addendum\_No. 2\_Drawing 1-0101A-C0002-001-R1

822-2009\_Drawing\_1-0101A-B0002-001-RA with 822-2009\_Addendum\_No. 2\_Drawing 1-0101A-B0002-001-R1

822-2009\_Drawing 1-0101A-B0005-001-RA with 822-2009\_Addendum\_No\_2\_Drawing 1-0101A-B0005-001-R1

822-2009\_Drawing 1-0101A-M0006-001-RA with 822-2009\_Addendum\_No\_2\_Drawing\_1-0101A-M0006-001-R1

822-2009\_Drawing 1-0101A-M0012-001-RA with 822-2009\_Addendum\_No\_2\_Drawing\_1-0101A-M0012-001-R1

822-2009\_Drawing 1-0101A-E0001-001-RA with 822-2009\_Addendum\_No\_2\_Drawing\_1-0101A-E0005-001-R1

822-2009\_Drawing 1-0101A-E0006-001-RA with 822-2009\_Addendum\_No\_2\_Drawing\_1-0101A-E0006-001-R1

822-2009\_Drawing 1-0101A-E0008-001-RA with 822-2009\_Addendum\_No\_2\_Drawing\_1-0101A-E0008-001-R1