



# ADDENDUM 5 BID OPPORTUNITY 650-2005

## WINNIPEG WATER TREATMENT PROGRAM – RAW WATER PUMPING STATION FOUNDATIONS AND CONCRETE STRUCTURES

ISSUED: November 29, 2005  
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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: 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: 650-2005 Addendum 1 - Bid Submission with 650-2005 Addendum 5 - Bid Submission. The following is a summary of changes incorporated in the replacement Bid Submission:

Form A(R1): Revise Paragraph 10 to allow for additional Addenda.

Form G2(R2): Revise expiry date on Page 2 of 2 to January 2, 2006.

### PART B – BIDDING PROCEDURES

Revise: B2.1 to read: The Submission Deadline is 12:00 noon Winnipeg time December 2, 2005.

### PART D – SUPPLEMENTAL CONDITIONS

Revise: D16.1 to read: The Contractor shall achieve Substantial Performance by September 15, 2006.

Revise: D17.1 to read: The Contractor shall achieve Total Performance by September 30, 2006.

### PART E – SPECIFICATIONS

Add: E14.2 As shown on Detail 1 on Drawing SK-2-R2, the excavation level at the Cell 3 Outlet Pipe has been lowered to elevation 235.0. The Contractor shall provide frost protection by placing straw cover over the Cell 3 Outlet Pipe, 600 mm in thickness by 4 metre width by the length of the excavation over the pipe.

Revise: E16 The table Embedment and Blockout List provided in 650-2005 Addendum 2 has been revised and replaced with Embedment and Blockout Unit Price List (Rev 1), attached to this Addendum.

**Section 07550(R1)**

- Revise: 1.1.1.2 to read: Flashings around 2 concrete pipes, 2360 millimetres diameter each.
- Revise: 1.1.1.3 to read: Polyethylene slip sheets and protection board all around the structure, from elevation at 229.00 metres to elevation at 237.00 metres on West wall and on South wall; from elevation at 229.00 metres to top of corbels on North wall and on East wall.
- Revise : 1.1.1.4 to read: Insulation from elevation at 234.60 metres to elevation at 237.00 metres on West wall and on South wall.
- Revise : 2.1.4 to read: Protection Board:
- Delete: 2.1.4.1
- Delete: 2.1.4.2
- Delete: 2.1.4.3
- Add: 2.1.4.1 to read: Protection board shall be Type 2 fibreboard as accepted by the Contract Administrator.
- Revise: 3.5.2 to read: Flash pipes, conduits and other penetrations through waterproofing, using prefabricated or field fabricated membrane flashings.
- Add: 3.7 Protection Board and Slipsheet Application
- Add: 3.7.1 Install protection board and slipsheet concurrently with backfilling.

**DRAWINGS**

Replace: 650-2005\_Addendum\_3-Drawing\_SK-2-R1 with 650-2005\_Addendum\_5-Drawing\_SK-2-R2

**EMBEDMENT AND BLOCKOUT UNIT PRICE LIST - REV 1 (SEE E16)**

Type	Piping Nominal Size (mm)	Sleeve Outside Dia. (mm) or Opening Size	Standard Detail Reference	Detail Drawing Reference	Service (Commodity)	Plant Area	Piping Specification Reference	Piping Material	Sleeve Material	Quantity	Remarks	Unit Price (\$/unit)
Conduit sleeve	25	89	---		electrical conduit	Inlet Works, 3rd Level East	---	---	PVC	1	Use PVC pipe for sleeve	
Lifting Eye	---	---	STD-3	WB-S0456	---	Inlet Works	---	---	---	3	Raw Water sluice gate and future screen removal	
Pipe embed	75	---	STD-1 with 1 flange	WB-M9441	Drain (DRN)	Inlet Works	15200-03	Epoxy Coated/Lined Carbon Steel	---	4	Raw Water Pump cooling water drain.	
Pipe embed	300	---	STD-1 with 1 flange	WB-M9441	Level Transmitter Sleeve (LTS)	Inlet Works	---	Sch. 80 PVC	---	2	Raw Water Wet Well level sensors.	

Notes

1. Flanges to be ANSI 150# unless noted otherwise.

Type	CMU Size (mm)	Reinforcement Size	Reinforcement Spacing (mm)	Concrete Curb Size (mm)	Plant Area	Total CMU Wall Length (m)	Remarks
Vertical Dowels for CMU Walls	290	20M	400	300, with 10 mm chamfer at top of inside face, see Standard Detail 5 on drawing WB-S0446	Inlet Works, Pump Room and Valve Chamber	68.7	CMU walls to be supplied and installed by others