



ADDENDUM 2 BID OPPORTUNITY NO. 182-2005

WINNIPEG WATER TREATMENT PROGRAM – SUPPLY AND INSTALLATION OF FENCING

URGENT

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

ISSUED: May 13, 2005
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**THIS ADDENDUM SHALL BE INCORPORATED
INTO THE BID OPPORTUNITY AND SHALL
FORM A PART OF THE CONTRACT
DOCUMENTS**

Template Version: A20050301

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 A – BID SUBMISSION

Replace 182-2005 Bid Submission with 182-2005 Addendum 2 Bid Submission. The following is a summary of changes incorporated in the replacement Bid Submission:

Form B: Various changes.

PART D– SUPPLEMENTAL CONDITIONS

Revise: D2.2 to read: **Fencing**

- (a) Provide fencing as shown on drawing CM-G002. New 3660 mm fencing shall be similar in quality and appearance as existing Deacon Reservoir fencing.
- (b) Fencing on the north and south sides of the A-section Aqueduct shall be 1830 mm in height; all other fencing shall be 3660 mm in height.
- (c) Except where noted below, fencing shall be provided in accordance with CW3550.
- (d) The 3660 mm high fencing shall be provided with the following features:
 - (i) Top rails: Schedule 40 hot dip galvanized steel pipe, in 6.1 m lengths, not less than 43 mm outside diameter.
 - (ii) Bottom rails: Schedule 40 hot dip galvanized steel pipe, not less than 43 mm outside diameter.
 - (iii) Fabric: Type 1 steel fabric, Class A, zinc coated, style 3 (light) grade, 3.0 mm diameter steel wire woven into a 40 mm mesh. Top and bottom selvage shall be knuckled.

Fabric shall be zinc coated before weaving by the hot dip process to an average mass per unit area of not less than 490 g/m².

Fabric shall be free of excessive roughness, blisters, sal ammoniac spots, bruises, or flaking.

- (iv) Tension Bands shall be as specified in CW3550-R2 and with a maximum spacing of 380 mm on terminal posts.
- (e) The 3660 mm fencing shown east of the Cell 3 off take and running from the existing Cell 3 fence across the rail track to the existing Cell 1 fence shall be installed as a permanent fence. In addition to the requirements of item D2.2(d) above, shall have the following features:
 - (i) Provide all materials as shown on drawing D-2123.
- (f) The 1830 mm fencing shall be provided with the following features:
 - (i) Bottom rails: not required.
 - (ii) Fabric: 9 ga. mesh as per CW3550.
 - (iii) Posts and top rails: galvanized steel with nominal 2.3 mm thick wall, 345 MPa yield strength.
 - (iv) Barbed wire: not required.
- (g) Fencing along the Aqueduct shall be located 5 m off the centre line of the Aqueduct.
- (h) Provide barbed wire to the top of all 3660 mm high fencing to match existing barbed wire fencing.
- (i) Fencing shall be stepped if necessary to accommodate uneven ground.
- (j) Connections to the existing fence shall be made at posts.
- (k) Brace fencing as required.

Revise: D2.3 to read: **Fence Posts**

- (a) Fence posts in the permanent fence (see D2.2(e)) shall be provided as shown on drawing D-2123.
- (b) Terminal posts and gate posts for temporary fences shall be installed with concrete piles.
- (c) Line posts for temporary fences shall be pushed or pounded into existing ground.

Revise: D2.4(b) to read: Gates A, B, C, D, and E shall be 7320 mm wide double gates (3660 mm wide each), securely attached, lockable with a shielded device, similar to the existing gate.

Revise: D2.4(c) to read: Gate 1 shall be 4880 mm wide double gates (2440 mm wide each), securely attached, lockable with a shielded device, similar to the existing gate.

Add: D2.4(e) Gates Main and 2 shall be as shown on drawing D-2123 with lockable device similar to the existing gate.

DRAWINGS

Drawing D-2123 is provided and forms part of this Addendum.