Corporate Finance Department
Materials Management Division

587-2012 ADDENDUM 1

CONSTRUCTION OF FLOOD CONTROL STRUCTURE AT PEMBINA HIGHWAY & BEAUJOLAIS COULEE

ISSUED: August 17, 2012
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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: A20120228

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: 587-2012 Bid Submission with 587-2012 Addendum 1 - Bid Submission. The following is a summary of changes incorporated in the replacement Bid Submission:

Form B(R1): Delete Item 6 b) Supply and Placement of Erosion control Blanket.

PART B – BIDDING PROCEDURES

Revise B2.1 to read: The Submission Deadline is 12:00 noon Winnipeg time, August 24, 2012.

Add: **B17. SHOP DRAWINGS**

B17.1 Further to CW 1110, Clause 1.5 – Submittals and Shop Drawings, in order to expedite Shop Drawings with critical timelines, the lowest responsive Bidder, as outlined in B15, will be permitted, after receiving written approval from the Contract Administrator, to arrange for the preparation of Shop Drawings for the following items with critical timelines;

(a) Flap gates and Sluice Gate, as per E26 and E 27.

B17.2 If Award is made to the lowest responsive bidder, then as per CW1110, Clause 4.1, no payment for the preparation of Shop Drawings will be made.

B17.3 If no contract is awarded, the City of Winnipeg will pay the Bidder up to a maximum of one thousand dollars ($1000.00) for each of the requested submissions noted above, for the preparation and delivery of Shop Drawings.

B17.3.1 Delivery of the Shop Drawings to the City of Winnipeg, and payment of the above amounts, will constitute full and final consideration of each party to the other, and neither party will have any further liability to the other with respect to this Bid Opportunity.

PART D – SUPPLEMENTAL CONDITIONS

Revise: D15.3 to read: The Contractor shall commence the Work on the Site no later than June 15, 2013. Contractor commencement shall be based on a continuous work schedule to meet specified Critical Stages.

Revise: D17.1 to read: The Contractor shall achieve Substantial Performance within 260 Calendar Days following the date of commencement, if work on the site commenced prior to March 31, 2013. The Contractor shall achieve Substantial Performance within 180 Calendar Days following the date of commencement, if work on the site commenced after March 31, 2013.

Revise: D18.1 to read: The Contractor shall achieve Total Performance within 14 Calendar Days following the date that Substantial Performance is achieved.

PART E – SPECIFICATIONS

Revise: E15.2.2 (a) to read: Lumber: spruce species, S4S, with maximum moisture content of 19% at time of fabrication and to following standards:

(i) CAN/CSA-0141

(ii) NLGA, Standard Grading Rules for Canadian Lumber.

Add: E27.2 (c) Flap Gate Appurtenances

(i) Stainless Steel Winch Cable

- 9.6 millimetre (3/8")7 x 19 or 6 x 37 IWRC Grade 316 stainless steel rope, minimum working load limit 1000 kgs (safety factor of 5 from breaking load).
- Fasteners, clevises, pulleys and hooks to have equivalent working load rating and materials of construction.

(ii) Lifting Chain

- Grade 80 Alloy lifting chain, working load limit minimum of 1800 kg.
- Fasteners, clevises, and hooks to have equivalent working load rating.

Revise : E28.2 (g)(iii) to read:

(iii) Painting

- The pump and all other steel parts and appurtenances shall be painted as specified herein.
- All rusted iron and steel surfaces shall be cleaned in accordance with SSPC SP 5 (white metal blast cleaning). The prime coating shall consist of one coat of enamel primer coating. Finish coats shall consist of one or more coats in red enamel coating to obtain a total dry film thickness of 4 **mils** on submerged parts and minimum 4 **mils** on non-submerged parts. All work shall be done in a manner to provide a finished surface free from excessive runs, drips, ridges, waves, or laps. All coats shall be applied to form a uniform thickness completely covering all corners and crevices. The finish coat shall be allowed one-day minimum cure time before handling.

Revise: E28.2 (g) (vi) to read:

(vi) Discharge Piping System

- The discharge piping shall be 400 millimetre nominal (16") with a 90 degree flanged elbow, and plain end discharge above grade. The center of the discharge elbow shall be orientated 180 degrees away from the drive shaft.
- Provide 90 degree discharge elbow complete with a 12 millimetre (½") base plate, to direct flow into discharge chamber, as indicated on the Drawings. Discharge elbow to be of same materials and construction as the pump discharge column and elbow.

Revise: E28.3 (b) (ii) to read:

(ii) The Contractor shall block off the chamber inlet and outlet piping by inflatable plug or other suitable means. The sluice gate and flap gates shall be opened. The structure shall be filled with water to an elevation of 229 m (approximately to the top of the existing culvert inlet). The pump shall be activated and run for a period of one (1) hour to verify pump operation. The test shall be

performed separately for each pump. The Contract Administrator will determine approximate flow rate by use of portable velocity meter through the sluice gate opening.

Add: E28.3 (b) (iii) The Contractor shall provide tractor c/w PTO and all required accessories to run field test, capable of driving pump to the maximum design condition as recommended by the pump manufacturer.

Add: E28.3 (b) (iv) If using chlorinated water for the test, the Contractor shall de-chlorinate the water prior to discharge into the environment, or dispose of the water in a sanitary sewer.

Revise: E43.3.2(d) to read:

(d) Maintain silt fences throughout construction until seed is established. Complete reseeding of embankment as soon as weather conditions permit upon completion of construction.

DRAWINGS

Replace: 587-2012 Drawing_ LD-5844_R0 with 587-2012 _Addendum_1 Drawing LD-5844_R1

Replace: 587-2012 Drawing_ LD-5854_R0 with 587-2012 _Addendum_1 Drawing LD-5854_R1