

901-2008 ADDENDUM 3

REHABILITATION OF BOURNAIS WASTEWATER PUMPING STATION

URGENT

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

ISSUED: April 22, 2009
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**THIS ADDENDUM SHALL BE INCORPORATED
INTO THE BID OPPORTUNITY AND SHALL
FORM A PART OF THE CONTRACT
DOCUMENTS**

Template Version: A20070419

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: 901-2008 Bid Submission with 901-2008 Addendum 3 - Bid Submission. The following is a summary of changes incorporated in the replacement Bid Submission:

Add: Form B(R1): Item No. 5 – Swing Arm Hoist.

PART B – BIDDING PROCEDURES

Revise: B2.1 Addendum 2 to read: The Submission Deadline is 12:00 noon Winnipeg time, April 28, 2009.

PART D – SUPPLEMENTAL CONDITIONS

Revise: D2.2 to read:

The major components of the Work are as follows:

- (a) demolition of the existing superstructure.
- (b) cast-in-place concrete floor slabs at ground level.
- (c) masonry block and brick cavity wall pump house with metal roof.
- (d) safety lighting and associated electrical accessories.
- (e) ventilation system and accessories.
- (f) drill and construct cast-in-place piles.
- (g) site restoration and clean up.

PART E – SPECIFICATIONS

Revise: E15.2 to read:

- (a) Concrete masonry units: to CSA A165 Series (CSA A165.1). Classification H/15/A/M. Provide purpose made shapes for lintels and bond beams.
- (b) Face Brick: Acceptable material: I-XL 151, Sable, Smooth. Running Bond.

- (c) Limestone: to ASTM C 568, category II, medium density as quarried and supplied by Gillis Quarries Limited, Winnipeg, Manitoba, Canada. Buff colour, split-face finish, 140 mm bed thickness, 190 mm course height, random lengths.
- (d) Mortar Materials: to CSA A179. Type N based on Proportion specifications. Use non-staining mortar for limestone work.
- (e) Masonry connectors: to CSA A370 and CSA S304, galvanized. Block Shear Connector assembly as manufactured by Fero Holdings Ltd. Consisting of connector plate, V-Tie and polyethylene insulation support.
- (f) Masonry reinforcement:
 - (ii) Bar reinforcement: to CSA A371 and CSA G30.18, Grade 400.
 - (iii) Wire reinforcement: to CSA A371 and CSA G30.14, ladder type. Prefabricated corners and intersections.
- (g) Masonry flashing: self-adhesive modified bitumen sheet membrane: minimum 1.0 mm thick. Bakelite Blueskin SA, WR Grace Perm-A-Barrier, Soprema Colphene 1500.
- (h) Metal drip edge: brake formed of 24 gauge prefinished steel sheet of same colour as sheet metal roofing, Form drip edge to extend 100 mm under base course, with 6 - 9 mm formed drip at front edge.

Revise: E17.2.2 to read:

- (a) 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.

Revise: E22.2 to read:

- (a) Soffit: to CAN/CGSB-93.2, Type B, Class 1, *colour as selected by Contract Administrator from manufacturer's standard colour range*, "medium gloss, plain pattern surface, flat sheet 'V' crimped for stiffness, vented 0.1 m² of opening for every 30 m² of building area preformed with elongated slits and small perforations.

Revise: E23.2.2 (a) to read:

- (ii) Finish: factory precoated with high molecular polyester coating Colorite HMP, *colour as selected by Contract Administrator from available in-stock colour range*.

Delete : E23.2.4:

- (e) For open type downspouts fabricate of prefinished steel sheet with same finish and colour on both sides of sheet. Prefinished sheet steel colour to match colour of clay brick veneer as closely as possible. Submit samples to Contract Administrator for review prior to ordering material.

Add: E29:

E29. SWING ARM HOIST

E29.1 Description

This Specification shall cover the design, fabrication, supply and installation of a pre-engineered swing arm hoist on the main floor as shown on the Drawings.

All parts of the pre-engineered swing arm hoist and trolley shall have a safe working load capacity of 1 ton.

The pre-engineered swing arm hoist shall be equipped with a chain bag, and shall be able to lift an entire pump/motor unit from the pump room floor to the main floor. The designer shall limit the baseplate to a

maximum size of 600mm x 600mm, and shall indicate the anchor bolt requirements on the shop drawings.

The configuration of the pre-engineered swing arm hoist shall be such that:

- 1) Swing arm length = 1852 mm
- 2) Total boom length = 2172 mm
- 3) Top of swing arm height = 2440 mm
- 4) Swing radius = 180°
- 5) 120/240V single phase plug in electric hoist.

E29.2 Materials

E29.2.1 Structural Steel

Structural steel shall conform to the requirements of E14 *Metal Fabrications*.

E29.2.2 Paint

Paint shall conform to the requirements of E27 *Painting*.

E29.3 Construction Methods

E29.3.1 Structural Steel

Structural steel shall conform to the requirements of E14 *Metal Fabrications*.

E29.3.2 Painting

Painting shall conform to the requirements of E27 *Painting*.

E29.4 Measurement and Payment

The design, fabrication, supply and installation of a pre-engineered swing arm hoist, and the supply and installation of a crane consisting of a chain hoist and trolley will be measured and paid for at the Contract Unit Price for "Swing Arm Hoist" as indicated in Form B: Prices, which price shall be payment in full for supplying all materials and for performing all operations herein described, and all other items incidental to the Work.

DRAWINGS

Replace: 901-2008_Drawing_8746-R0 with 901-2008_Addendum_3-Drawing_8746-R1.

901-2008_Drawing_8747-R0 with 901-2008_Addendum_3-Drawing_8747-R1.

901-2008_Drawing_8748-R0 with 901-2008_Addendum_3-Drawing_8748-R1.

901-2008_Drawing_8749-R0 with 901-2008_Addendum_3-Drawing_8749-R1.

901-2008_Drawing_8750-R0 with 901-2008_Addendum_3-Drawing_8750-R2.

901-2008_Drawing_8751-R3 with 901-2008_Addendum_3-Drawing_8751-R4.

901-2008_Drawing_8752-R3 with 901-2008_Addendum_3-Drawing_8752-R4.

901-2008_Drawing_8753-R3 with 901-2008_Addendum_3-Drawing_8753-R4.

901-2008_Drawing_8754-R3 with 901-2008_Addendum_3-Drawing_8754-R4.

901-2008_Drawing_8755-R3 with 901-2008_Addendum_3-Drawing_8755-R4.

901-2008_Drawing_8759-R1 with 901-2008_Addendum_3-Drawing_8759-R2.