



657-2014 ADDENDUM 2

MACLEAN PUMPING STATION - LDV1 1200MM BUTTERFLY VALVE REPLACEMENT

URGENT

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

ISSUED: July 17, 2014
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THIS ADDENDUM SHALL BE INCORPORATED INTO THE BID OPPORTUNITY AND SHALL FORM A PART OF THE CONTRACT DOCUMENTS

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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.

PART A – BID SUBMISSION

Replace: 657-2014 Addendum 1 - Bid Submission with 657-2014 Addendum 2 - Bid Submission. The following is a summary of changes incorporated in the replacement Bid Submission:

Form B(R2): Add Item No. 4.

PART B – BIDDING PROCEDURES

Revise: B3.4 to read: Proponents will not be allowed to take pictures at any of the site investigations. The Proponent may request pictures of specific areas from the Contract Administrator identified in D4. The pictures will then be issued to all the Proponents registered for the site investigations.

Revise: B3.7 to read: Bidders registered for the site visit must provide the Contract Administrator identified in D4 with a Public Safety Verification search obtained not earlier than one (1) year prior to the site visit.

PART E – SPECIFICATIONS

Add: E6.4.1 (c) All bolts and associated hardware shall be prepared and painted after installation, in accordance with E6.4.9 and E6.5.5.

Add: E6.4.3 (e) All welds shall be inspected in accordance with AWWA C200 by a certified welding inspector, using magna-flux methods or other methods approved by the Contract Administrator. A detailed inspection report including test data shall be submitted to the Contract Administrator within 5 Business Days of completion of testing.

Add: E6.4.11 Grouting Repair Materials for AWWA C301 Fittings
(a) Plain or deformed wire mesh conforming to ASTM A1064. Minimum wire size W 2. Spacing 50.8 mm in both directions.
(b) Approved product: SikaTop 132 PLUS or approved equal in accordance with B7.

- Add: E6.5.5 (h) Existing paint within the valve chamber may contain lead. All lead containing paint must be handled and disposed of in accordance with Manitoba Workplace Safety and Health regulations.
- Add: E6.5.6 Grouting Repair Procedure for AWWA C301 Fittings. To be used where interior linings or exterior coatings are damaged by welding or other work.
- (a) Chip off loose concrete lining or coating in a 45 degree angle down to steel fabric. Saw cut all edges to a minimum depth of 12 mm.
 - (b) Remove any loose concrete or cementations materials and ensure all exposed steel wire is clean and dry.
 - (c) Where repair extends through to the steel cylinder, place steel wire mesh and tack weld to exposed reinforcement or steel cylinder.
 - (d) Repair mortar lining and coatings using approved grout material to match the depth of the existing mortar. Apply in lifts in accordance with the manufacturers recommended procedures.
- Add: E6.5.7 Field Welding
- (a) Field welding shall be completed by certified welder in accordance with AWWA C206.
 - (b) Butt welds shall be full penetration welds
 - (c) Fillet welds shall have leg equal to thickness of material being welded.
 - (d) Completed field welds shall be inspected by a certified welding inspector, using magna-flux methods or other methods approved by the Contract Administrator. A detailed inspection report including test data shall be submitted to the Contract Administrator within 5 Business Days of completion of testing.
 - (e) All interior coatings damaged by welding or other work shall be repaired in accordance with E6.4.9 and E6.5.5.
- Revise: E6.6.1 (a) to read: Replacement of Butterfly Valve LDV1 at MacLean Pumping Station and Reservoir shall be measured and paid on a lump sum basis at the Contract Price for "Replacement of LDV1 and Associated Work". The lump sum price shall include construction of temporary access as required, excavation, removal, replacement, and re-sealing of removable concrete slabs, removal of butterfly valve and chamber piping, valves and appurtenances, installation of the City-supplied butterfly valve, supply and installation of chamber piping, supply and installation of new extension shaft and supports, miscellaneous valves, fittings, appurtenances, and new Victaulic 44 coupling and end rings, pavement restoration, heating and hoarding, and any other materials or labour required to complete the Work.
- Add: E6.6.1 (b) The lump sum price for "Replacement of LDV1 and Associated Work" shall include the supply but not the installation of the new shouldered end ring on the existing wall piece.
- Add: E6.6.2 Provisional Shouldered End Ring Installation
- (a) If required, the installation of a new 1200 mm shouldered end ring on the existing wall piece shall be measured and paid on a lump sum basis at the Contract Price for "Install 1200 mm Shouldered End Ring on Existing Wall Piece" The lump sum price shall include the removal of the existing shouldered end ring, preparation, installation and welding of new shouldered end ring, interior and exterior epoxy coating, mortar lining and coating repair, and any other labour and materials required to complete the Work.
 - (b) If installation of the new 1200 mm shouldered end ring on the existing wall piece is not required the new, unused ring shall be turned over to the City at the conclusion of the Work.