



# 645-2013 ADDENDUM 1

Replacement of Valve Chamber and Associated Works at Eldridge Avenue and Haney Street

ISSUED: August 13, 2013  
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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: A20130301

**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 B – BIDDING PROCEDURES**

Revise: B2.1 to read: The Submission Deadline is 12:00 noon Winnipeg time, August 21, 2013.

## **PART D – SUPPLEMENTAL CONDITIONS**

Revise: D16.4 to read: The City intends to award this Contract by September 18, 2013.

## **PART E – SPECIFICATIONS**

Revise: E14.2.1(a) to read: Dimension Ratio (DR)

- (i) PVC pipe shall conform to the latest revision of AWWA C905 and CSA B137.3, with the following dimension ratios (DR):
  - ◆ 750 mm DR 18
  - ◆ 600 mm DR 18
  - ◆ 450 mm DR 18

Revise: E15.2.1(e) to read: All transition couplers, larger than 300 millimetres in diameter, with differential outside pipe diameters greater than 25 millimetres shall be restrained to prevent movement of coupling due to differential thrust forces. Where couplings are not required for pipeline joint restraint, restraint devices are only required on the smaller diameter side of the joint.

Add: E15.4.3(b): Hydrostatic leakage testing will not be required when connecting the Charleswood-Assiniboia and Charleswood Feeder mains to the proposed valve chamber.

Revise: E18.2.3 (b)(ii) to read: Minimum Wall thickness 9.52 millimeters (all sizes).

Revise: E18.2.3 (b)(v) to read: Coating shall be two (2) or more layers (5 mils minimum each coat, minimum DFT 16 mils) Polyamide Epoxy, Amerlock 2, Tnemec Series 140F Pota-Pox Plus or approved equal in accordance with B7.

Revise: E18.2.6(a) to read: Ductile Iron Wall Thrust Restraints

- (ii) Mid span ductile iron thrust restraints shall be used to anchor the ductile iron wall pieces into the concrete chamber walls.

- (iii) Restraints must be able to provide full dead end thrust restraint for the diameter of the pipe and must be designed for installation in concrete. Integral wall pipe will thrust collars are permitted.
- (iv) Where external restraints are used, restraints shall be designed for bi-directional thrust. Approved product: Series 1100SDB manufactured by EBAA Iron Inc. or approved equal in accordance with B7.

Revise: E18.2.6(b) to read: Fabricated steel wall flanges shall provide full bi-directional thrust restraint as per AWWA Manual M11 Steel Pipe Guide for Design and Installation, and as per the following table:

Pipe Size	Ring Width (mm)	Ring Thickness (mm)	Minimum Pipe Wall Thickness (mm)	Minimum Weld Fillet, Both Sides (mm)
450	50	9.5	4.22	3.2
600	75	12.7	5.61	3.2
750	100	15.8	7.01	4.8

Revise: E18.2.8(f) to read: Approved product: DJ400 Series Dismantling joint as manufactured by Romac Industries Ltd., 7900DJ Series Dismantling Joint as manufactured by Robar Industries Ltd., or approved equal in accordance with B7.

Add: E19.2.11 Spray Applied Polyurethane Insulation

- (a) Polyurethane foam shall be closed cell, less than 1% open cell content to ASTM D-6226.
- (b) BASF Wallite CT (Cold Temperature grade) or approved equal in accordance with B7.

Add: E19.3.5(b) Chamber access manholes shall be insulated where indicated on the Drawings. Spray applied polyurethane insulation may be factory or field applied.

## **APPENDICES**

Add: Appendix D – As-Built Drawings for Existing Chambers

<u>Drawing No.</u>	<u>Drawing Name/Title</u>
D-764	Valve Pit "D" (Charleswood Feedermain Offtake Chamber)
D-889	Meter Pit for Magnetic Flow Meter
D-890	Meter Pits, Piping and Location Plans
D-1074	Charleswood-Assiniboia Feedermain (Plan/Profile)
D-1085	Offtake Chamber on Eldridge Ave. at Haney St. (Wilkes Ave Feedermain Offtake Chamber)
D-1128	Wilkes Ave Feedermain (Plan/Profile)
P-150	Charleswood Feedermain (Plan/Profile)
P-153	Haney Feedermain (Plan/Profile)
T-540022-3	Charleswood-Assiniboia Feedermain Laying Schedule
65-9016-1	Wilkes Ave Feedermain Laying Schedule