



## 354-2019 ADDENDUM 2

### CONSTRUCTION OF TRUNK SEWER/LDS SEPARATION: COCKBURN SEWER RELIEF (CONTRACT 12)

#### **URGENT**

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

ISSUED: May 2, 2019  
BY: Ray Offman  
TELEPHONE NO. 204 896-1209

**THIS ADDENDUM SHALL BE INCORPORATED  
INTO THE BID OPPORTUNITY AND SHALL  
FORM A PART OF THE CONTRACT  
DOCUMENTS**

Template Version: A20160708

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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.**

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#### **PART A – BID SUBMISSION**

Replace: 354-2019 Bid Submission with 354-2019 Addendum 2 - Bid Submission. The following is a summary of changes incorporated in the replacement Bid Submission:

- Revised Item A.8a)i) 1200 mm diameter - 1.22 m Base (MH. 36,37,39) to read 1200 mm diameter - 1.22 m Base (MH. 36,37) and decreased quantity to account for deletion of MH 39.
- Revised Item A.8a)iii) 1500 mm diameter - 1.22 m Base (MH. 29, 35) to read 1500 mm diameter - 1.22 m Base (MH. 29) and decreased quantity to account for deletion of MH 35 duplicate.
- Revised Item A.18a) 150 mm (Fire Hydrant Lead) to C.14a) 150 mm
- Revised Item A.18b) 250 mm to Item A18.a) 250 mm
- Added Item A.18b) Watermain and Water Service Insulation
- Added Item A.18c) Relocating Existing Hydrant
- Added Item A.18d) New Hydrant Assembly on Existing Hydrant Lead (excluding new valve)
- Revised Item C.14a) 200 mm to C.14b) 200 mm
- Revised Item C.14b) 300 mm to C.14c) 300 mm
- Revised Item C.14c) 500 mm to C.14d) 500 mm
- Added Item C.18e) New Hydrant Assembly on Existing Watermain

Page numbering on some forms may be changed as a result.

#### **PART E – SPECIFICATIONS**

Add: **E27 Watermain Renewal**

E27.1 Description

- (a) This Specification supplements and amends City of Winnipeg Standard Construction Specification CW 2110 Watermains, and shall cover the installation of watermains ranging in diameters from 150 mm to 500 mm, including fittings, couplers and insulation.

E27.2 Materials

- (a) Further to Clause 2 of CW 2110, watermain joint restraints shall be CLOW Canada 360C Restrainer or approved alternative as per B7.

E27.3 Construction Methods

- (a) Watermains and water services shall be installed in accordance with CW 2110.
- (b) Fire hydrant assemblies shall be installed in accordance with CW 2110 except that in cases where you cannot replace the existing gate valve due to presence of large diameter watermain the new hydrant will just be tied into the existing hydrant lead with a coupler as per CW 2110 .

E27.4 Measurement and Payment

- (a) Measurement and payment for Watermain Renewal shall be in accordance with CW 2110 for the diameter, class, bedding and backfill requirements listed on the Form B with the supplemental items listed below
  - (i) Excavation, Bedding and Backfill, as described in E12, are incidental to Watermain Renewal.
  - (ii) Surface Restorations, as described in E20, are incidental to Watermain Renewal.
  - (iii) Payment for the temporary or permanent relocation of existing utilities, and or temporary support of existing utilities required for the placement of shafts shall be incidental to Watermain Renewal as specified in E24, unless noted on Drawings and identified under separate pay items on Form, B Prices.
  - (iv) Cost of shaft construction and associated shoring required for the installation of the works described herein, is incidental to Watermain Renewal.
  - (v) Methods for dealing with and paying for trenchless excavation obstructions are shown in Section E25.
- (b) Measurement and payment for Watermain Fittings shall be in accordance with CW 2110 for the type and size listed on the Form B with the supplemental items listed below
  - (i) Payment for supply and installation of joint restraints, two per fitting, shall be incidental to the cost of Watermain Fittings.
- (c) Measurement and payment for supply and installation of Watermain Insulation shall be in accordance with CW 2110 on a length basis and shall be paid for at the Unit Price for "Watermain and Water Service Insulation".
- (d) Measurement and payment for supply and installation of new fire hydrants to replace existing fire hydrants in which the existing valve has to be retained shall be in accordance with CW 2110 on a per unit basis and shall be paid for at the Unit Price for "New Hydrant Assembly on Existing Hydrant Lead (excluding new valve)". Removal of existing fire hydrants and leads shall be considered incidental to the cost of installing new hydrants.
- (e) Measurement and payment for supply and installation of new fire hydrants on the existing watermain shall be in accordance with CW 2110 on a per unit basis and shall be paid for at the Unit Price for "New Hydrant Assembly on Existing Watermain". Removal of existing fire hydrants and leads shall be considered incidental to the cost of installing new hydrants.

## **DRAWINGS**

Replace: 354-2019\_Drawing\_LD-8944\_R0 with 354-2019\_Addendum\_2 Drawing LD-8944 R1  
354-2019 \_Drawing\_LD-8945\_R0 with 354-2019 \_Addendum\_2 Drawing LD-8945 R1  
354-2019 \_Drawing\_LD-8946\_R0 with 354-2019 \_Addendum\_2 Drawing LD-8946 R1  
354-2019 \_Drawing\_LD-8947\_R0 with 354-2019 \_Addendum\_2 Drawing LD-8947 R1  
354-2019 \_Drawing\_LD-8948\_R0 with 354-2019 \_Addendum\_2 Drawing LD-8948 R1  
354-2019 \_Drawing\_LD-8949\_R0 with 354-2019 \_Addendum\_2 Drawing LD-8949 R1  
354-2019 \_Drawing\_LD-8950\_R0 with 354-2019 \_Addendum\_2 Drawing LD-8950 R1  
354-2019 \_Drawing\_LD-8951\_R0 with 354-2019 \_Addendum\_2 Drawing LD-8951 R1  
354-2019 \_Drawing\_LD-8952\_R0 with 354-2019 \_Addendum\_2 Drawing LD-8952 R1  
354-2019 \_Drawing\_LD-8953\_R0 with 354-2019 \_Addendum\_2 Drawing LD-8953 R1  
354-2019 \_Drawing\_LD-8954\_R0 with 354-2019 \_Addendum\_2 Drawing LD-8954 R1

## **QUESTIONS AND ANSWERS**

The following clarifications/answers have been provided to questions from Bidders:

### **Question 1:**

Item A.1f) and A.1g) (750 mm and 900 mm pipe respectively) are shown to be PVC SDR35 on the drawings. Would RCP also be an acceptable material for these items?

### **Answer 1:**

Both the 750 mm and 900 mm diameter LDS pipes may be Reinforced Concrete Pipe (RCP).

### **Question 2:**

On MH 39, page LD-8948, can you verify the invert for the 300 mm PVC going south is correct at 230.70?

### **Answer 2:**

The invert is incorrect and will be adjusted with a revised drawing LD-8948 R1 in Addendum 2 such that the existing catch basin on Grant Avenue will be retained, manhole MH-39 will be deleted and pipe inlet/outlet regraded to allow for regraded pipe from RBC parking lot.

### **Question 3:**

On Drawings LD-8945, LD-8946, LD-8947, LD-8952 the dimensioning for the hydrant relocations seems to be incorrect based on the scale of the drawings. As well, will any of the hydrants need to be replaced with new hydrants? Some of the hydrants west of Nathaniel St seem to be quite old.

### **Answer 3:**

The dimensioning for the hydrant relocations on the above noted drawing sheets are in fact incorrect and have been revised. As well, we have decided that only one (1) of five hydrants can be re-used based on its age so the other four (4) hydrants will need to be replaced with new hydrants. This will be reflected on updated drawings and Bid Submission documents included with Addendum #2.