



# 326-2021 ADDENDUM 1

## 2021 SEWER RENWEALS BY CIPP LINING – CONTRACT 5

### **URGENT**

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

ISSUED: June 3, 2021  
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**THIS ADDENDUM SHALL BE INCORPORATED  
INTO THE BID/PROPOSAL AND SHALL FORM  
A PART OF THE CONTRACT DOCUMENTS**

Template Version: Add 2021-03-05

**Please note the following and attached changes, corrections, additions, deletions, information and/or instructions in connection with the Bid/Proposal, and be governed accordingly. Failure to acknowledge receipt of this Addendum in Paragraph 10 of Form A: Bid/Proposal may render your Bid/Proposal non-responsive.**

### **FORM B: PRICES**

Replace: 326-2021 Form\_B\_Prices with 326-2021 Addendum\_1\_Form\_B\_Prices. The following is a summary of changes incorporated in the replacement Form B:Prices:

Form B(R1): Revise quantities for items No. 5 (a) and (b).

### **PART E – SPECIFICATIONS**

Revise: E1.4 to read: The following are applicable to the Work:

<u>Appendix No.</u>	<u>Title</u>
A	Repair Requirements
B	Design Conditions
C	Traffic Control – General Requirements
D	Louelda Street Lift Station Record Drawings
E	Flow Control Information
<u>Drawing No.</u>	<u>Drawing Name/Title</u>
12897	COVER SHEET
12898	DRAWING INDEX
12899	ALPINE AVE
12900	ARDEN AVE
12901	BANFF PL
12902	BIBEAU BY (E LEG)
12903	BODIE BY
12904	BOWMAN AVE
12905	CAMERON ST
12906	CHALMERS AVE
12907	CHALMERS AVE
12908	CROFTON BY (W LEG)
12909	DZYNDRA CR (E LEG)
12910	FRONTENAC BY (E LEG)
12911	GLENWOOD CR CL
12912	HARVARD AVE W

12913	HATCHER RD (S LEG - S OF CL)
12914	JAMISON AVE
12915	JAMISON AVE
12916	KANATA ST
12917	KINGSWOOD AVE
12918	LOUELDA ST
12919	MELROSE AVE E
12920	NOTTINGHAM AVE
12921	PRINCE RUPERT AVE
12922	ROBIN HOOD CR. (W LEG)
12923	ROSSEAU AVE W
12924	ROSSEAU AVE/ WINONA ST
12925	ROSSEAU AVE W
12926	ROSSEAU AVE W
12927	SAGE WOOD AVE
12928	SPRINGFIELD RD (N CURB)
12929	SPRINGFIELD RD (N CURB)
12930	SPRINGFIELD RD (N CURB)
12931	SPRINGFIELD RD (N CURB)
12932	SPRINGFIELD RD (N CURB)
12933	SPRINGFIELD RD (N CURB)
12934	SPRINGFIELD RD (N CURB)
12935	SPRINGFIELD RD (S CURB)
12936	UNION AVE W
12937	WASHINGTON ST
12938	WATT ST
12939	WATT ST/ MARTIN AVE W
12940	WATT ST/ MARTIN AVE W
12941	WHITTER AVE W
12942	WHITTIER AVE W
12943	WHITTIER AVE W
12944	WILTSHIRE BY (W LEG)
12945	YALE AVE E

Delete: E6.3.1 (b) through (e) inclusive.

Revise: E6.3.1 (f) to read: Where supplementary submissions are required, the Contractor shall develop system curves for the flow bypass arrangement demonstrating the ability of the proposed pumping arrangement to accommodate the identified average and peak dry weather flows for the sewer being bypassed. The submitted calculations shall show the following minimum information:

Revise E6.3.1 (f)(iv) to read: Provision of system curves plotted with pump curves, demonstrating the pumping capacity of the proposed system and inclusive of the pump name plate data complete with nominal capacity, total dynamic head, and power.

Add: E6.3.1 (g): Notwithstanding E7.3, additional bypass pumping information and calculations, known herein as supplementary submissions in accordance with E7.3.1 (f), shall be included in the flow control submissions for the following sites:

(a) N/A

Add: E6.3.1 (h): Notwithstanding E7.3, flow control plans shall be prepared and stamped by a Professional Engineer, registered in the Province of Manitoba and experienced in the design and implementation of temporary flow bypass works for the following sites:

(a) S-MA40004052 – 250 mm CS (Louelda St Lift Station)

Revise: E6.3.2 (c) to read: Notwithstanding and further to E6.3.2 (b), estimated average and peak dry weather flows for sewer assets outside the ranges specified in E6.3.2 (b) in this Contract are included in Appendix E. These estimates are provided for the purpose of bidding and initial sizing of flow bypass plans only. The Contractor shall be responsible to confirm these flows prior to submission of the flow bypass plan.

Revise: E6.3.3 to read: Lining of sewer asset S-MA40004052 may require bypassing of the Louelda Street Lift Station.

- (a) Notwithstanding E6.3(c) and E6.3.2(b), the following estimates of ADWF and peak pump station discharge flows have been provided for information for lining of sewer asset S-MA40004052.:
  - i. Upstream Sewer S-MA40004055 (ADWF): 3.8 L/s
  - ii. Peak Station Discharge Capacity: 40 L/s
- (b) These estimates are provided for the purpose of bidding and initial sizing of flow bypass plans only. The Contractor shall be responsible to confirm these flows prior to submission of the flow bypass plan.
- (c) Additional data regarding lift station operations (ie flow data, level data, pump data, etc.) may be provided to the successful Bidder during construction, if available from the City.
- (d) The flow control submission for asset S-MA40004052 shall be provided in accordance with E6.2 and E6.3.1(h).

Add: **E18. Lift Station Modifications**

E18.1 Description

(a) This Specification shall cover the modification of lift stations as required for CIPP installation.

E18.2 Description of Work:

(a) See drawing 12918 and Appendix D: Louelda Street Lift Station Record Drawings

(b) Louelda Street Lift Station

- (i) Remove existing gate valve at downstream end of S-MA40004052 prior to lining.
- (ii) Reinstall existing gate valve after completion of lining work with new gasket and hardware.

E18.3 Products

E18.3.1 Fasteners

- (a) Bolts shall be ASTM F593 or ASTM F738M, type 316 stainless steel.
- (b) Nuts shall be ASTM F594 or ASTM F836M, type 316 stainless steel.
- (c) Anti-seize compound shall be used on all bolts.
- (d) Contractor to confirm bolt lengths prior to procurement of hardware.
- (e) Dielectric isolation washers and sleeves meeting City of Winnipeg specifications shall be used where bolting components of dissimilar metals. Bolt sleeves shall be comprised of G10 or G11 epoxy glass.

E18.3.2 Flange Gaskets

- (a) 3mm, full-faced, SBR rubber gaskets or neoprene in accordance with AWWA C207.
- (b) Gaskets shall be one piece construction where possible.
- (c) Segmented gaskets shall be constructed of a minimum number of segments and joints shall be of dovetailed construction, or other joining methods approved by the Contract Administrator.

E18.4 Construction Methods

(a) The Contractor is advised that the Louelda Street Lift Station is a confined space with the potential to contain hydrogen sulphide gas. The Contractor shall supply all necessary personal

protective safety equipment, including retrieval hoist, body harness, hard hat, safety boots, gas detector, supplied air breathing apparatus, and lighting.

- (b) The Contractor shall advise the Contract Administrator of any required temporary lift station shutdowns a minimum of ten (10) Business Days in advance of the work.

E18.5 Measurement and Payment

E18.5.1 Lift Station Modifications

- (a) Modifications to the Louelda Street Lift Station will be considered incidental to Flow Control works paid under line item 5.(c) - "Louelda Street Lift Station (S-MA40004052)" as identified on Form B, and shall include all labour, materials, and other efforts required to complete the work. No separate payment will be made.

## **APPENDICES**

Replace: 326-2021\_Appendix\_C with 326-2021\_Addendum\_1-Appendix\_C

Add: 326-2021\_Addendum\_1-Appendix\_E