

## 600-2023 ADDENDUM 2

### 2023 Sewer Renewals by CIPP Lining – Contract 6

#### **URGENT**

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

ISSUED: November 9, 2023  
BY: Tanner Beavis  
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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

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**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.**

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#### **PART D – SUPPLEMENTAL CONDITIONS**

- Revise: D21.1 to read: The Contractor shall achieve Substantial Performance within fifty (50) consecutive Working Days of the commencement of the Work as specified in D19 or by September 30, 2024; whichever comes first.
- Revise: D22.1 to read: The Contractor shall achieve Total Performance within sixty (60) consecutive Working Days of the commencement of the Work as specified in D19 or by October 14, 2024; whichever comes first.

#### **PART E – SPECIFICATIONS**

- Revise: E7.4.3 to read: Weather
- (a) Environment Canada shall be used as the baseline weather forecast for planning and scheduling of Work.
    - (i) Environment Canada for Winnipeg, MB: [https://weather.gc.ca/city/pages/mb-38\\_metric\\_e.html](https://weather.gc.ca/city/pages/mb-38_metric_e.html)
    - (ii) Please note the above hyperlink to Environment Canada is correct at the time of Tender issuance, however this may change during the course of the Contract. The Contractor can contact to the Contract Administrator to confirm any changes as necessary.
  - (b) The Contractor shall review the Environment Canada weather forecast at a minimum once daily, and prior to Work commencing on site each day.
  - (c) When forecasted wet weather exceeds 5 mm, delay installation of liners and/or secure existing work sites.
  - (d) Where wet weather equal to or less than 5 mm of rainfall is forecasted, Work may proceed under the following conditions:
    - (i) Mainline diameters equal to or less than 400 mm:
      - i. The Contractor has reviewed the forecasted rainfall event and provides confirmation to the Contract Administrator that the proposed flow control measured provided are able to accommodate anticipated flows.
    - (ii) Mainline diameters greater than 400 mm:
      - i. The Contractor demonstrates to the Contract Administrator via numerical calculations that the proposed bypass system is capable of accommodating anticipated flows.

- ii. Upon request, AECOM will provide the Contractor with a map of the estimated catchment area to aid in the assessment.
- iii. Requests for estimated catchment area maps shall be provided a minimum of 3 Business Days prior to the work.
- iv. Estimated catchment maps, if provided, are based on readily available information. There is no guarantee regarding accuracy of the information.

- (e) The Contractor shall advise immediately of any weather-related delays.
- (f) The Contractor shall schedule Work according to the weather.

Add: E7.5 (f): Delay claims due to wet weather shall be communicated to the Contract Administrator within Five (5) Business Days after the date of the wet weather event.

Add: E.7.5 (g): In addition to E7.5 (f), the Contract Administrator will review all claims with regards to wet weather delays as per E.7.5. Claims shall be reviewed within Five (5) Business Days of receipt that may include discussions with the Contractor to ascertain the costs and reasoning associated with the work delay. A Change Order will be processed upon approval of the delay. If further time is required for due consideration by the Contract Administrator, a timeline will be established with the Contractor where no additional claims shall be made outside of the agreed upon response window.

Revise: E.10.5.5 (b) to read: The selection of CIPP minimum thicknesses for non-circular liners for Bidding Purposes shall be completed in accordance with the appropriate design rating curves provided in Appendix B (as amended in this Addendum). The design rating curves provide thickness requirements based a range of long-term flexural strength and modulus values for the conditions noted on the curves for each specific asset.

## **APPENDICES**

Replace: 600-2023\_Appendix\_B with 600-2023\_Appendix\_B-R1.

## **QUESTIONS AND ANSWERS**

Q1: Section E7.3(c) states that the successful contractor shall provide a minimum of 2.75 pumping capacity for Combination Sewer Flows based on the Average Day Flows. As expressed in Section E7.4.1(b) Appendix D has Average Dry Weather and Peak Dry Weather Flows. Please confirm Section 7.3(c) refers to the Average Dry Weather Flow. If not can the Average Day Flows be provided?

A1: Appendix D does not provide Average Wet Weather Flows. Average Dry Weather Flows (ADWFs) and Peak Dry Weather Flows (PDWFs) have been provided. The successful contractor shall provide pumping capacity for Combined Sewers based on a minimum of 2.75 x ADWF.

Q2: Can a clause in Section 7.4.3 be added to clarify what amount of forecasted weather would cause a work stoppage. As stated in Section 7.4.3(d) the City is not responsible for costs associated with weather related delays. This leaves the Contractor heavily exposed to risk. Suggest that a clause be added allowing for work to proceed with up to and including 5mm of forecasted rain. If the City is not willing to add this clause, the Contractor needs to know what amount of forecasted weather relating to percentage chance of rain and amount of rain will cause a work stoppage. Or can a daily rate be added to the Form B: Unit Prices for work stoppage based on forecasted weather delays?

A2: Refer to Addendum 2.

Q3: E10.7.11(e) states in larger sewer sizes where it is not possible to provide a full diameter confined test sample... the contractor shall cut a sample directly from the installed CIPP Liner. How will the requirement for determining whether a cut out sample be determined?

A3: Only upon request of the Contract Administrator shall direct cut samples be taken. Direct cut samples will only be requested if unable to reconcile liner designs based on plate samples taken and all other options are exhausted for assessing design intent is met.

Q4: If required, please confirm if there is a minimum thickness to length ratio for cut out samples from unreinforced liners?

A4: Cut samples from unreinforced liners are to be sized appropriately to accommodate ability to produce machined samples for testing with a 16:1 span to depth (liner thickness) ratio.

Q5: Can the substantial completion of July 5, 2024, be amended to September 30, 2024? Based on the scope of work with majority being large diameter and combined sewers, the project would not start until the spring runoff is complete and civil contractors are able to begin excavation work without winter conditions.

A5: Refer to Addendum 2.

Q6: Can the 50 consecutive working days be increased to 70 working days? Due to the requirement of civil work associated with the CIPP rehabilitation, 50 days is not feasible to complete the project.

A6: Refer to Addendum 2.