

211-2020 ADDENDUM 2

CONSTRUCTION OF LDS SEWER SEPARATION – COCKBURN SEWER RELIEF (CONTRACT 6A)

URGENT

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

ISSUED: April 2, 2020
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**THIS ADDENDUM SHALL BE INCORPORATED
INTO THE TENDER AND SHALL FORM A PART
OF THE CONTRACT DOCUMENTS**

Template Version: A20190115

Please note the following and attached changes, corrections, additions, deletions, information and/or instructions in connection with the Tender, 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: 211-2020 eForm_B-Prices.xlsx with 211-2020 Addendum 2 eForm_B-Prices.xlsx. The following is a summary of changes incorporated in the replacement eForm_B-Prices:

Revise A.4 to read:	Temporary Sewer Plugs
Revise A.4 (a) to read:	Remove 2100 mm Plug
Add A.4 (b):	Install 1650 mm Plug
Remove A.21:	Instrumentation and Monitoring
Add G.31:	Instrumentation and Monitoring
Revise G.1 allowance:	\$100,000

Item numbering has been updated to reflect changes.

PART D – SUPPLEMENTAL CONDITIONS

Add: D4.1 (e) **“Controlled Low Strength Material” (CLSM)** is cement stabilized fill, as per CW 2160.

PART E – SPECIFICATIONS

Replace: All references to “Tunnelling” to “Trenchless Sewer Construction”.

Revise: E13.2 (c) to read: Trenchless Sewer Construction – Section E16

Add: E13.7 (e) Shafts for Stub Connections

- (i) CLSM backfill, cement stabilized fill (further to Table CW 2160, the maximum compressive strength at 28 days to be no more than 1 MPa).
- (ii) Excavations made within the alignment of the proposed tunnel prior to Tunnelling operations shall be backfilled with CLSM.
- (iii) Foundation, Bedding and Initial Backfill

- a. Cement Stabilized Fill (CLSM) in accordance with CW 2030 and Table CW 2160.1 shall be used as initial backfill for all shafts unless otherwise indicated on the Drawings. Further to Table CW2160.1 the maximum compressive strength at 28 days to be no more than 1 MPa

- i. The Contractor install fill in lifts and provide sufficient supports to resist uplift of piping or structures due to backfilling.

- Revise: E13.8 (a) to read: All costs associated with Excavation, Bedding and Backfill as described herein are incidental to the installation of the LDS sewer piping covered in Trenchless Sewer Construction (E16).
- Revise: E14.1 (d) to read: The Work required to facilitate the installation of the LDS on Wentworth Street, as well as the ultimate connection of the existing Taylor LDS Trunk may result in the lowering of the water level within the Taylor LDS Trunk and SRB **which is not permitted**.
- Revise: E14.3.1 (b) to read: A temporary plug or bulkhead will need to be installed on the stubout at Wentworth Street.
- Revise: E14.3.1 (b)(i) to read: The location of the temporary plug or bulkhead must not interfere with flow in the existing LDS system and should be located upstream of the manhole at the intersection of Wentworth Street and Taylor Avenue.
- Revise: E14.3.2 (b) to read: City water may be used to refill the system during construction. Sewer Dechlorination may be required prior to filling in accordance with the City of Winnipeg Sewer By-law No. 106/2018.
- Revise: E14.3.3 to read: Removal of temporary plug or bulkhead and connection of LDS laterals to Taylor Avenue LDS Trunk
- (a) When construction of the LDS laterals on Wentworth Street is complete and the connections are made, the temporary plug or bulkhead will need to be removed.
 - (b) The temporary plug or bulkhead shall not be removed until final inspection of the new piping has been complete and the Contractor has received authorization from the Contract Administrator.
 - (c) Prior to removing the temporary plug or bulkhead, the LDS laterals shall be filled with water to avoid sudden drops of water in the SRB, and to facilitate the safe removal of the plug or bulkhead.
 - (i) The method of filling the Taylor Trunk with water shall be submitted to the Contract Administrator for review and approval.
 - (ii) Ground water will not be permitted for filling the system.
- Revise: E15.4 to read: Construction Methods:
- (a) Installation
 - (i) Clean interior contact surfaces of pipe and install temporary plug.
 - (ii) Plugs shall be watertight and capable of withstanding internal water pressures (surcharge to surface) and external soil pressures without leakage.
 - (iii) Plug locations shall be surveyed in with records provided to the Contract Administrator.
 - (iv) Where plugs are installed at the end of a pipe section where a manhole is not present, above grade markers shall be installed to indicate the location of the plug/future pipe connection. Where the plug is within

finished concrete or asphalt, the marker shall be a 3 inch bolt drilled and grouted into the surface with the head of the bolt 3 mm below surface.

(v) Locations of plug ends shall be surveyed for final grade and location. Surveyed information shall be provided to the Contract Administrator.

(b) Removal

(vi) Excavate and remove temporary marker for reuse.

(vii) Excavate and support temporary plug.

(viii) Prior to removing the temporary plug, the LDS laterals shall be emptied to facilitate the safe removal of the plug.

(ix) Remove temporary plug to facilitate connection to existing LDS.

Revise: E15.5 (a) to read: Supply, installation and removal of Temporary Sewer Plugs and markers shall be paid on a lump sum basis for each plug diameter listed on Form B Prices. The price shall include all Works and materials necessary to complete the installation as identified herein and as indicated on the Drawings.

Revise: E22.1 (a) to read: Regrading of existing sewer or water services that conflict with the proposed sewer installation may be necessary. To minimize the potential for damaging existing services, sewer and water services shall be located in accordance with E10 prior to trenchless sewer installation and associated construction (shafts or otherwise).

Revise: E26.6 (a) to read: Installation and Monitoring will be paid for under Provisional Items for each type of monitoring point installed at the contract unit prices described below: