



104-2023 ADDENDUM 1

CONSTRUCTION OF TRUNK AND LDS SEPARATION – COCKBURN & CALROSSIE SEWER RELIEF (CONTRACT 9A)

URGENT

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

ISSUED: March 17, 2023
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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

FORM B

Replace: 104-2023 eForm_B-Prices.xlsx with 104-2023 Addendum 1 eForm_B-Prices.xlsx. The following is a summary of changes incorporated in the replacement eForm_B-Prices:

- Revised Pay Item A.11 a) i), Pay Item A.11 b) i) and Pay Item A.11 c) i) to read “Trenchless installation, Class B Type 2 bedding, Class 3 Backfill”
- Revised Pay Item C.3.a) i) to read “2100 mm Dia x 2.44 m high base (MH 210A)” and Spec. Ref. to read “E16.2 (b)”
- Removed Pay Item C.4.a) “Install 1200mm Plug”
- Item numbering has been updated.

PART B – BIDDING PROCEDURES

Revise: B2.1 to read: The Submission Deadline is 12:00 noon Winnipeg time, **March 29th**, 2023.

Revise: B13.3 (f) to read:

have all operators of their tunnelling equipment (that will be used for Trenchless Sewer Installation for the complete duration of this Contract) to have training and experience using the same tunnelling equipment. The Contractor must demonstrate that all operators of the tunneling equipment have a minimum of three successfully completed projects with the same tunnelling equipment and have completed a similar drive to that of the longest proposed drive length planned by the Contractor on this contract without the use of a rescue shaft or change in installation methodology.

- i) Prior to the commencement of any tunnelling works, the Contractor is to submit supporting documents (including operator names, project dates, drive locations, equipment type, pipe materials and diameters, drive lengths) for its qualifications to perform this type of work (as per B13.3(f)) to the Contract Administrator.

PART D – SUPPLEMENTAL CONDITIONS

Revise: D.3.4 (b) to read:

The east extent of the new 1,800 mm LDS on Taylor Avenue will be connected to the existing 2,400 mm concrete stub that was constructed as part of Contract 5 (Bid 1067-2018B), with a 2400 x 1800 mm reducer and concrete collar connection. The existing stub was capped with a cast in place reinforced concrete plug to permit operations of the system following Contract 5. This plug is not intended to provide support of the water level during excavation associated with the connection to the new 1,800 mm LDS. The plug will need to be removed in conjunction with the Contractors installation of their Temporary Plug that support the Work in Contract 9A. The following additional information is included in Appendix A associated with the planned connection:

- (i) Photo of the 8,800 mm diameter MH-42 designed by Contractor from Contract 5 (installed at Wilton Street and Taylor Avenue intersection).
- (ii) Photos of existing 2,400 mm temporary plug from within MH-42 (before system was active).

Revise: D.21.2 (b) (i) to read:

A sub-phase **2A** is also presented to support the stub connection to Poseidon Bay from MH 216. The work on Phase **2A** may not occur until all of the work in Phase 2 is completed to ensure access to Poseidon Bay. The Phase **2A** Work shall be limited to three (3) weeks.

PART E – SPECIFICATIONS

Revise: E12.2 (b) to read: Excavation Security Fence

- (i) Further to Clause 3.1 of CW 1130, provide a security fence to completely surround the excavation when unattended generally in accordance with the following:
 - ◆ Security fence shall be chain link fence as per CW 3550 or approved equal in accordance with B7, a minimum 1.80 metres high with metal support posts spaced close enough together so the fence will not sag or collapse.
 - ◆ Attach fencing securely to posts.
 - ◆ Secure the gate or end of the fencing to a post with chain and a padlock.

Revise: E13.4 (c) to read: See Specification Section E30 for further requirements.

Add: E16.2 (b) 2100 dia. Manhole at Nathaniel Street and Taylor Avenue (MH-210A) shall have a soft eye to accommodate future 1200mm extension at invert as shown on drawing LD-12052.

Revise: E29.1 (e) to read: Expected flows for dry weather flows and specific rain events flows is provided in the table below.

Parameter	DWF	1 year	2 year	5 year
Peak Flow (m ³ /s)	0.005	1.010	1.247	1.328
Peak Velocity (m/s)	0.23	2.06	2.48	2.63

QUESTIONS AND ANSWERS

- Q1: In order to accommodate our trenchless equipment, we would like to increase the size of the 1050mm run @ Poseidon Bay to a 1200mm Ø Concrete pipe, is there any reason why the City of Winnipeg would not accept the upsizing of this run? We've confirmed with the Precast suppliers and MH 216 could accommodate two 1200mm pipes at the angle shown on the drawings.
- A1: This change from 1050 mm to 1200 mm LDS pipe diameter would be acceptable but the contractor would have to install an eccentric reducer (1200-1050) along with the plug at the end of pipe on Poseidon Bay. All aspects related to the upsizing to 1200 mm LDS, 1200mm bend, and the eccentric reducer would be incidental to installation of the 1050 mm LDS sewer.
- Q2: Traffic Staging for Phase 2A, more specifically for the Stub going out on Poseidon Bay, the traffic plans show a lane remaining open going South on Poseidon Bay. For this phase of the work would the city accept a full closure of Poseidon Bay with a detour in place on Ebby Avenue?
- A2: The City of Winnipeg Traffic Department would be supportive of a full closure of Poseidon near Taylor, if required, for the duration as specified in D21.2(b)i).
- Q3: If the existing 750mm CS is flumed or by- passed, is the intent to replace the 750mm pipe with concrete or will PVC pipe be permitted?
- A3: The material shall be concrete pipe C76-3.
- Q4: I think there is a typo for item C3a1) Is this not MH 210A not 100 A?
- A4: Correct. The typo is corrected in 104-2023_Addendum_1_eForm_B-Prices.
- Q5: For Pay item C4a Install 1200 Plug, is the intent that this occur directly in the MH with no pipe stub? The spec reads as a "stub" but the drawings do not depict this. Can we get further clarification of what is expected for this?
- A5: Pay item C.4.A. "Install 1200 mm plug" is not required and will be removed from Form B. (See attached 104-2023_Addendum_1_eForm_B-Prices.xlsx).
- Q6: How is the 1800 mm LDS pipe that is within the shoring for box culvert sections to be paid? Is this considered incidental to another pay item? Is it under one of the trenchless items? It's unclear where it is included.
- A6: 1800 mm pipe within any shaft is to be paid out as per CW2130 4.1.2, from center to center of manholes.
- Q7: Can you provide a detail for how the 750 CS is to be replaced? Is there any backfill requirements outside of the norm?
- A7: The sewer repair is to comply with city detail SD-022B "Sewer Repair Longer than 3.0 meters"
- Q8: Regarding 13.4, it states that we are to pay for SAFETY WATCHES but under section 13.4b) are we to pay for any utility relocation that may be required to do our work? Section 13.4 c) then refers you to E31 which is Change in Contract Conditions. Does this mean that this would be covered under this? Or is it supposed to be E30, and if so, are we supposed to pay for this?
- A8: Refer to E30.3 (a).
- Q9: Regarding the location of MHs 212 and 211, are these locations able to move in either direction to accommodate shoring methods and/or fit within traffic plans?

A9: Yes, the manhole locations can be adjusted west and east of their design location subject to approval by Contract Administrator.

Q10: If there are any Hydro poles to be relocated, are costs on the contractor for this? (D22.2.2) The costs for this are unclear whose responsibility it is.

A10: All costs associated with relocation of Hydro poles or streetlights will be the responsibility of the Contractor.

Q11: Regarding E13.6, foundation and bedding states to be Class B, Type 2 for PVC pipe. However, on Form B, pay items A.11 states sand bedding for PVC pipe.

A11: Item A.11 in Form B will be revised to read Type 2 bedding material.

Q12: What type of bedding and initial backfill is required for the PVC saddle and or Inserta Tee lead connections to the LDS pipe? Would Type 3 bedding apply to this?

A12: Type 2 bedding material will be required.