



427-2024 ADDENDUM 3

CENTREPORT SOUTH REGIONAL WATER AND WASTEWATER SERVICING PHASE 1A CONTRACT 2A - FORCE MAIN

URGENT

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

ISSUED: August 2nd, 2024
BY: Tristan Eldridge
TELEPHONE NO. 204 896-1209

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

Template Version: Add 2024-02-01

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: 427-2024 Form B: Prices with 427-2024 Addendum 3 - Form B: Prices. The following is a summary of changes incorporated in the replacement Bid/Proposal Submission:

- Form B(R1): Revise Items B3 (a) (i), B3 (a) (ii), B3 (a) (iii), B8, D2 (a), H5 I1, I3 (a)
- Add Items B11 (c), I15
- Remove Items C4

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

PART D – SUPPLEMENTAL CONDITIONS

- Revise: D20.3 to read: The Contractor shall commence the Work on the Site within **seven (7)** Working Days of receipt of the award letter.
- Revise: D20.3 to read: The City Intends to award this Contract following the September 9th, 2024, Special Policy Committee meeting.
- Add: D20.2 (x): evidence of being an approved sewer and water contractor with the RM of Rosser. (Note) The RM of Rosser has stated that the successful Bidder will be approved as an approved Contractor for the RM of Rosser. However, the successful Bidder must make their own application to the RM of Rosser.
- Add: D21.2 (e): Exemplar Developments – Exemplar Developments and their contractor will be conducting sewer and water work within their private property lands as shown on the drawings. The Contractor will be required to coordinate with Exemplar Developments and their contractor throughout construction. Construction timelines and Exemplar Developments contractor are unknown.
- Delete: D22.1. (c)
- Delete: D22.1. (f) The open-cut force main Work within Toowoomba Land Company lands shall be completed from **May 15th, 2025**, to September 31st, 2025.
- Revise: D24.1 to read: The Contractor shall achieve Substantial Performance by **July 15th, 2026**.

Revise: D25.1 to read: The Contractor shall achieve Total Performance by **October 30, 2026**, or within 30 days if seasonal inclement weather does not allow permanent restorations to commence immediately after Substantial Performance, whichever comes first. The Contract Administrator will advise the Contractor when seasonal conditions will allow permanent restorations to begin. The Contractor will start final restorations no later than 14 (fourteen) Calendar Days after formal notification by the Contract Administrator.

PART E – SPECIFICATIONS

Add: E22.2 (c): For work within 5.0 m of a pressure pipe 350 mm diameter or larger, the Contractor shall have a pipe loading assessment prepared and sealed by a Professional Engineer licenced to practice in the Province of Manitoba. The pipe loading assessment shall be submitted to the Contract Administrator for review and approval a minimum 10 business days prior to the anticipated works.

Replace E25 **E25 PUMP TEST AND DEPRESSURIZATION PLAN**

E25.1 Description

(a) Elevated groundwater elevations exist across portions of the project Site that will require groundwater depressurization to facilitate the pipe installation. In these areas where excavations extend through the confining overburden layer, groundwater pressures from within the till and bedrock zones may result in elevated water levels within open trench excavations for the force main. A groundwater Depressurization Plan will be required to facilitate the force main installation within these areas.

(b) The Depressurization Plan shall be prepared by a Professional Engineer or Professional Geoscientist experienced in hydrogeology and registered to practice in the Province of Manitoba. The plan shall address the specific pumping needs that support the Contractors means and methods for their open trench installations and any shafts to support trenchless installations.

(c) Pump testing shall be completed at three test locations specified herein to support the development of the Depressurization Plan.

(d) This specification addresses the requirements for pump testing and the preparation of the Contractor's Depressurization Plan.

(e) The Contractor shall be responsible for all testing and permitting, and approvals necessary to perform the Work. The Contractor shall engage the services of a Professional Engineer or Professional Geoscientist experienced in hydrogeology and registered to practice in the Province of Manitoba.

(f) The excavation and depressurization system discharge water quality parameters shall be sampled, analysed, and compared to applicable regulatory guidelines. With required permits and approvals in place, discharge of excavation seepage and aquifer depressurization waters may be directed to surface ditching, or other conveyances, while considering that the discharged water is not recirculating back into the local groundwater system or active excavation areas, creating a recharge loop. If water quality or other considerations are not acceptable for surface discharge, an alternative design for collection and proper disposal shall be required.

(g) E26 addresses the implementation of the Contractor Depressurization Plan.

E25.2 Methods

E25.2.1 Pump Testing

(a) The Contractor shall conduct three pump testing programs along the force main alignment between Stations 2+950 and 3+050 (Drawing 13473), Stations 4+800 and

4+900 (Drawing 13480), and Station 5+050 and 5+150 (Drawing 13481). These locations are anticipated to require depressurization during construction based on observations within the GDR. Alternate locations may be proposed by the Contractor based on their assessment of the geotechnical data.

(b) The Contractor shall install one new 125 mm Pump Testing Well within each of the three locations identified above. Pump Testing Wells shall extend a minimum of 6 m into bedrock.

(c) The contractor shall install 2 new 25 mm Observation Wells per Pump Testing Well location. Observation Wells shall extend a minimum of 3 m into bedrock.

(d) Pump Testing in the 125 mm diameter wells shall be to 100 USgpm for one (1) hour to monitor Pump Testing Well and Observation Well drawdowns throughout pump testing and recovery and to determine well capacity and aquifer hydrogeological parameters (e.g., transmissivity).

(i) Where 100 USgpm is deemed too high for the aquifer and a smaller pump is required for the Depressurization Plan design, smaller pumps may be utilized.

(ii) Where the 100 USgpm flow rate is not adequate to draw down the groundwater, the Contractor shall increase the diameter of the Pump Testing Wells to 200 mm and conduct pump testing up to 350 USgpm for one (1) hour.

E25.3 Submittals

E25.3.1 Pump Testing

(a) The Contractor shall arrange for all required permitting for the exploratory pump testing and associated discharge.

E25.3.2 Depressurization Plan

(a) Prior to Construction of any excavations within the Project Site, the Contractor shall submit and a Depressurization Plan designed and sealed by a Professional Engineer or Professional Geoscientist experienced in hydrogeology and registered to practice in the Province of Manitoba for review and approval by the Contract Administrator.

(b) The plan shall define the depressurization or dewatering requirements for the effective installation of the force main Work.

(c) Depressurization of the groundwater shall be undertaken using groundwater wells. Where excavations are within the bedrock and higher capacity pumps are required to dewater the shaft, depressurization shall be undertaken with the use of sumps.

(i) Sumps are anticipated where the force main invert is on the bedrock, or below the bedrock surface. In these cases, the Contractor's Depressurization Plan shall consider the installation of 600 mm diameter sumps cased through the overburden and excavated to a minimum of 2 m below the bedrock surface or the force main invert, whichever is greater. The Contractor may propose an equivalent sump design for approval by the Contract Administrator. The cased sumps shall be pumped to maintain bedrock aquifer pressures below the invert of the trench excavation.

(d) The Depressurization Plan submittal shall include the following at a minimum:

(i) An evaluation of static groundwater conditions and required drawdown elevations for successful installation of the force main Work.

(ii) Permissible groundwater levels (pressures) at various stages of excavation.

(iii) Backfill staging requirements to prevent uplift of pipe/soil layers and to prevent any other disturbance to the in-situ foundation soils due to any excess groundwater pressures.

(iv) Confirmation of the elevation to which the excavation may proceed before the well system (or dewatering sump) commences operation.

(v) Confirmation of the extent to which excavation, force main installation, and backfill must be completed before the well system can cease operation.

(vi) Number of wells and or sumps, including location, size, pumps, additional equipment, and installation details for pumping and discharge to approved surface location for each working section of the force main alignment where force main work is actively occurring.

(vii) It is anticipated that the Contractor's Depressurization Plan will involve relocating the dewatering pumps from well to well along the force main alignment as required to support active pipe installation Work. To that point, the Contractor's Depressurization Plan shall be limited to areas where Work is actively occurring. Pumping of groundwater outside of the area where active work is occurring will not be covered by the Contract.

(viii) Pump Capacities: The Contractors Depressurization Plan shall assume the following anticipated well diameters and associated maximum pumping rates for the Depressurization Pumping Wells and sumps. **As part of the pump test, the Contractor shall adjust the pumping rates to the actual pumping rates needed to support the Work. The Contractor may adjust the pumping rates based on the results of the Contractor's pump testing field program.**

- 125 mm diameter well – maximum 100 US gpm;
- 200 mm diameter well – maximum 350 US gpm
- 600 mm diameter sump – maximum 500 US gpm

(ix) Observation Wells: The Depressurization Plan shall include 25 mm observation wells installed within any segment of the force main alignment that requires depressurization to ensure that groundwater levels have been lowered to the required elevations prior to excavation. The location of the observation well with respect to the pumping wells of any given segment shall be determined by the Contractor.

(x) Schedule of monitoring, maintenance, labour estimates, and interpreting of ground water levels throughout the duration of the Project.

(xi) A well and sump decommissioning plan.

E25.4 Measurement and Payment

E25.4.1 Pump Testing and Depressurization Plan

(a) Pump testing and the submission of the Contractor's Depressurization Plan shall be measured on a lump sum basis and paid for at the Contract Unit Price for "Pump Testing and Depressurization Plan".

(b) The price shall be payment in full for performing all operations described and all Work incidental to this Specification. This includes but is not limited to mobilization of drill rigs and other equipment, drilling of wells, installation of casing, caps and seals, installation of pumps, generators, discharge and discharge hoses, erosion control, permitting, operations/staffing, and preparation of the Depressurization Plan.

(c) The price shall include all Work described herein with the exception of the costs for the development of a higher capacity well (if required). The costs for redrilling the three

125mm pump wells to 200 mm and rerunning the pump test to up to 350 USgpm will be paid out under a separate Contract Unit Price.

(d) Pump Testing and Depressurization Plan shall be paid out in accordance with the following payment schedule:

(i) 50% upon completion of the Pump Testing

(ii) 50% upon approval of the Depressurization Plan

E25.4.2 Pumping Well Development (200 mm)

(a) The cost to redrill a 125 mm Pump Test Well to 200 mm and rerunning the pump test for up to 350 USgpm will be paid for at the Contract Unit Price of "Pumping Well Development (200 mm)" The cost will be measured on a unit basis for each well that requires further development to support the pump testing program.

(b) The cost shall include the remobilization of the drill rig, removal of the existing well casing, installation of new casing, caps and seals, and the completion of the pump tests including all pump, generators, hoses, operations, discharge, and permitting costs.

Replace E26

E26 DEPRESSURIZATION FOR CONSTRUCTION OF FORCE MAIN

E26.1 Description

(a) Construction of the force main will require the depressurization of the bedrock aquifer, within excavations along portions of the Site, as designed by the Contractor. There are areas along the force main alignment where control of confined bedrock groundwater pressures is necessary to protect against excavation basal heave/blowout and to ensure a dry working environment for the installation of the force main Work. **Groundwater control shall be necessary continuously from when depressurization is required before excavation to the point when depressurization is no longer required during backfill as per the Contractors Depressurization Plan.**

(b) This specification addresses the installation of pump wells and sumps, pumps and the auxiliary equipment, materials and labour required to support depressurization of excavations for the force main Work. The number of pumping wells and/or sumps, and the number of active pumps for any segment of Work will be at the discretion of the Contractor based on the Depressurization Plan submittal discussed in E25.

(c) This specification provides a mechanism for payment of the depressurization plan that will be implemented during construction.

(d) The depressurization must be limited to areas where active pipe installation Work is occurring. Depressurization of the groundwater outside of active Work areas will not be covered by the Contract.

(i) Dewatering of shafts using conventional methods (trash pumps) will not be covered under these specifications and will be incidental to the pipe installation as per D18.

(e) The Contractor shall be responsible for all permitting, and approvals necessary to perform the Work.

(f) The excavation and depressurization system discharge water quality parameters shall be sampled, analysed, and compared to applicable regulatory guidelines. With required permits and approvals in place, discharge of excavation seepage and aquifer depressurization waters may be directed to surface ditching, or other conveyances, while considering that the discharged water is not recirculating back into the local groundwater system or active excavation areas, creating a recharge loop. If water quality or other

considerations are not acceptable for surface discharge, an alternative design for collection and proper disposal shall be required.

(g) Notwithstanding C:7.5, the City reserves the right to diminish all or any portion of the items of work listed in the Depressurization for Construction of Force Main Items and no claim shall be made for damages on the grounds of loss of anticipated profit or for any other reason.

E26.2 Methods

E26.2.1 Depressurization Program

(a) The Contractor shall construct 125 mm (or 200 mm) diameter Depressurization Pumping Wells to drawdown groundwater levels (pressures) below each section of the open trench construction along the portions of the force main alignment that require depressurization in accordance with their approved excavation Depressurization Plan.

(b) The Contractor shall construct 600 mm diameter sumps cased through the overburden to dewater the excavations in accordance with their approved excavation Depressurization Plan.

(c) The contractor shall construct 25 mm diameter Observation Wells as required to confirm the groundwater levels (pressures) have been lowered prior to excavation below critical elevations in accordance with their approved excavation Depressurization Plan.

(d) The number, locations, and layout of Depressurization Pumping Wells, sumps, and Observation Wells to be installed will be dependent on the design requirements for active segment length of open excavation to keep groundwater levels (pressures) below required safe excavation levels, and as necessary for the Contractor to facilitate and stage their Work.

(e) The Contractor is responsible for all permitting for depressurization program and discharge.

(f) The Contractor shall install and activate the pumps within the appropriate pumping well to support the active zone of force main Work. The number of pumps and capacity of the pumps shall be based on the Depressurization Plan and as accepted by the Contract Administrator.

(g) Depressurization shall be run 24 hours a day, 7 days a week, until approved backfilling and compaction levels are completed.

(i) The Contractor shall commence depressurization for excavations extending below elevations identified within their Depressurization Plan (in areas where depressurization is required to undertake the Work)

(ii) The Contractor shall place backfill to elevations identified within their Depressurization Plan to ensure no adverse impacts to the pipe or excavation upon stopping depressurization within any segment of the Work where depressurization is required.

(iii) The Contractor shall ensure that they have sufficient generators, staffing and fuel to maintain pumping for 24 hours per day over evenings between the time Work has ceased for one day and commenced on the following day.

(iv) Pumping during work stoppages will not be covered by the contract. The Contractor shall develop their Work Schedule so that excavations along the open cut portions of the Work are backfilled before weekends or any other extended shutdowns. Pumping for shafts for trenchless Work (if required) will be paid for over weekends if work extends through the weekend, but will not be covered during extended shutdowns (shutdowns outside of weekends).

(v) Pumping costs will not be covered once the Contractor has backfilled the pipe above the elevation requiring depressurization as identified in their Depressurization Plan.

(h) The Contractor shall decommission pump wells, sumps and observation wells following commissioning of the force main.

(i) The Contractor shall provide adequate power/generators and fuel to support the pumping needs.

(j) The contractor shall provide the required discharge hosing to support the depressurization and dewatering needs.

E26.3 Submittals

E26.3.1 Drilling

(a) The Contractor shall provide a drill log identifying the depth of installation of each well within each subsurface layer identifying overburden and bedrock elevations, soil logging, groundwater elevations, elevation extents of the well screen, and any other information to support measurement and payment.

E26.3.2 Pumps

(a) The Contractor shall provide daily records of the number of pumps required to support active Work areas.

(b) The pump records shall specify the following:

(i) Which areas from the Contractor's Depressurization Plan were being supported by each pump.

(ii) Pump Capacity (of pumps in use).

(iii) The start date of each pump within each active segment of force main Work.

(iv) The end date of each pump within each active segment of force main Work.

E26.4 Measurement and Payment

E26.4.1 Well and Sump Construction

(a) Overburden Drilling

(i) The well and sump construction in overburden (above the bedrock) shall be paid for at the Contract Unit Price for "Overburden Drilling" for each Item of Work listed below.

Items of Work:

- 25 mm Observation Well
- 125 mm Pump Well
- 200 mm Pump Well
- 600 mm Sump

(ii) The well and sump construction in overburden shall be measured on a vertical meter basis from the surface to the end of the well or sump installed within the overburden zone in accordance with the approved excavation Depressurization Plan.

(iii) Costs include all items described herein and incidental to the completion of the work including drilling, the supply and installation of PVC casing, Casagrande tips, well cap, grouting, and related works.

(iv) Overburden refers to all subsurface layers above the bedrock including organics, clay, silt, sand, gravel, cobbles, boulders, inclusions and till.

(b) Bedrock Drilling

(i) The well and sump construction in bedrock shall be paid for at the Contract Unit Price for "Bedrock Drilling" for each Item of Work listed below.

Items of Work:

- 25 mm Observation Well
- 125 mm Pump Well
- 200 mm Pump Well
- 600 mm Sump

(ii) The well and sump construction in bedrock shall be measured on a vertical meter basis from the top of the bedrock surface to the end of the well or sump installed within the bedrock zone in accordance with the approved excavation Depressurization Plan.

(iii) Costs include all items described herein and incidental to the completion of the work including drilling, well development, the supply and installation of PVC casing, Casagrande tips, well cap, well seal, grouting, and related works.

E26.4.2 Well/Sump Decommissioning

(a) Decommissioning of each well or sump shall be paid for at the Contract Unit Price for "Well/Sump Decommissioning" for each item listed below:

Items of Work:

- 25 mm Observation Well
- 125 mm Pump Well
- 200 mm Pump Well
- 600 mm Sump

(b) The amount to be paid for shall be the total number of wells or sumps decommissioned in accordance with the approved excavation Depressurization Plan.

E26.4.3 Pump Installation and Operation

(a) The Pumping Installation and Operation cost shall be paid for under the allowance for "Depressurization Allowance".

(b) The Contractor shall submit invoices with allowable markups for pump(s) and associated generator sufficient to support the depressurization as per the Depressurization Plan.

(c) Payment for the pump(s) and generator will be based on the lesser of the following:

(i) Daily rate for actual pumping days

(ii) Weekly rate for pumping days within the week

(iii) Monthly rate for pumping days within the month

(d) The Contractor shall submit invoices for actual costs of fuel and staffing required for the operations as specified herein with allowable markups.

(e) If the Contractor owns their pump(s) or generator their daily, weekly, and monthly pumping rates submitted for payment shall be within industry standard rates.

(f) Prior to commencement of the Work the Contractor shall provide quotes from their pump suppliers for the costs of the pump(s) and generator selected based on the design within the Depressurization Plan. Once approved by the Contractor Administrator, the Contractor shall mobilize the pump(s) and generator to Site.

(g) The following items will not be considered for payment within the Pump Installation and Operation:

(i) Construction equipment already on site

(ii) Staff already undertaking work on site

(h) The following items shall be considered incidental to the pump(s) and associated generator costs:

(i) electrical connections

(ii) electrical components

(iii) drop piping

(iv) well head fittings

(v) adapters

(vi) well caps

(vii) seals

(viii) piping

(ix) discharge hoses

(x) header system

(xi) scour and erosion protection measures

(i) The installation and operation of the pump(s) within the pump wells or sump(s) shall be based on the design within the Depressurization Plan and as accepted by the Contract Administrator.

E26.4.4 Depressurization Allowance

(a) Additional Depressurization Work may be necessitated due to unforeseen circumstances that may arise during the course of the project due to:

(i) Additions to the scope of Work by the Contract Administrator, beyond that defined herein.

(b) A cash allowance has been included on Form B: Prices.

(c) The City reserves the right to delete any or all of the Cash Allowance from the Contract if the Work intended to be covered by the Cash Allowance is not required, or if the Works intended are found to be more extensive than the provisional Cash Allowance.

(d) Cost of additional work shall be evaluated by the methods outlined in C7.4, and a Change Order prepared by the Contract Administrator. Cost of the Change Order will be paid on the Progress Estimate and deducted from the Cash Allowance. If the valuation of the authorized work exceeds the Value of the Cash Allowance, the Contract Value will be adjusted by the shortfall.

(e) Additional services and/or Work will not be initiated for:

(i) Reasons of lack of performance or errors in execution.

(ii) Scheduling changes initiated by the City, where at least 24 hours notice is given prior to the Contractors schedule time to be on Site.

(f) Should it be determined that additional material or services are required, the Contract Administrator shall approve the Work, prior to commencement of the additional Work.

(g) Material Mark-Up Factors:

(i) Markups on additional Work shall be in accordance with allowable markups outlines in C7.4.2

Revise: E38.6 (b) (i) to read: HDD equipment including a drilling rig with a minimum of **150,000 lbs.** of push-pull force with suitable rotatory torque to open boreholes to diameters specified.

Revise: E51.2 (b) to read: Seed mix shall conform to the following:

- (i) The seed supplied shall be free of disease and mixed by percentage (%) of PLS weight to meet the following:
 - a. 12% Canadian Wild Rye
 - b. 12% Awned Wheatgrass
 - c. 15% Big Bluestem
 - d. 15% Switch Grass
 - e. 18% June Grass
 - f. 18% Slough Grass
 - g. 10% Purple Prairie Clover

Revise: E51.3 (e)(ii) to read: Unless otherwise permitted by the Contract Administrator, placement of native seed shall be performed during the following times and in the following jurisdictions respectively:

- (i) Within City of Winnipeg limits:
 - a. Spring start-up to June 15
- (ii) Within RM of Rosser and MTI jurisdiction:
 - a. Spring start-up to May 15
 - b. October 15 to freeze-up

Add: E51.3 (e)(iv): If the Contractor is unable to complete native seeding within the time frames described above due to inclement weather or other factors beyond the control of the Contractor, the native seed shall be sown as described above, with the following additional requirements:

- (i) A cover crop of oats is to be planted in fall to reduce weed growth and provide erosion control prior to establishment of native seed mixes.
- (ii) Seeded areas shall be kept weed free through tillage or application of herbicide in accordance with CW 3520.

Revise: E51.3 (g)(i) to read: Maintenance within City of Winnipeg limits shall conform to CW 3520 except as noted below:

- (i) Annual weeds are expected following seeding. These shall be mowed as often as required during the first season to prevent weed seed production. Mower blade height shall be set to between 150mm and 200mm to avoid cutting the native grasses. A rotary or flail type mower is required to prevent clumping of the cut weeds

Add: E 52.2 (b): Concrete materials for the provisional restoration of MTI roadways shall conform to the latest edition of the Manitoba Transportation and Infrastructure Standard Construction Specifications.

Add: E 52.3 (b): Construction methods for the provisional restoration of MTI roadways shall conform to the latest edition of the Manitoba Transportation and Infrastructure Standard Construction Specifications.

DRAWINGS

Replace: 427-2024 _Drawing_ 13458_R0 with 427-2024 _Addendum_3_Drawing_ 13458_R1

Replace: 427-2024 _Drawing_ 13460_R0 with 427-2024 _Addendum_3_Drawing_ 13460_R1

Replace: 427-2024 _Drawing_ 13461_R0 with 427-2024 _Addendum_3_Drawing_ 13461_R1

Replace: 427-2024 _Drawing_ 13462_R0 with 427-2024 _Addendum_3_Drawing_ 13462_R1

Replace: 427-2024 _Drawing_ 13474_R0 with 427-2024 _Addendum_3_Drawing_ 13474_R1

Replace: 427-2024 _Drawing_ 13475_R0 with 427-2024 _Addendum_3_Drawing_ 13475_R1

Replace: 427-2024 _Drawing_ 13478_R0 with 427-2024 _Addendum_3_Drawing_ 13478_R1

Replace: 427-2024 _Drawing_ 13479_R0 with 427-2024 _Addendum_3_Drawing_ 13479_R1

Replace: 427-2024 _Drawing_ 13481_R0 with 427-2024 _Addendum_3_Drawing_ 13481_R1

Replace: 427-2024 _Drawing_ 13482_R0 with 427-2024 _Addendum_3_Drawing_ 13482_R1

Replace: 427-2024 _Drawing_ 13483_R0 with 427-2024 _Addendum_3_Drawing_ 13483_R1

Replace: 427-2024 _Drawing_ 13484_R0 with 427-2024 _Addendum_3_Drawing_ 13484_R1

Replace: 427-2024 _Drawing_ 13487_R0 with 427-2024 _Addendum_3_Drawing_ 13487_R1

Replace: 427-2024 _Drawing_ 13488_R0 with 427-2024 _Addendum_3_Drawing_ 13488_R1

Replace: 427-2024 _Drawing_ 13489_R0 with 427-2024 _Addendum_3_Drawing_ 13489_R1

Replace: 427-2024 _Drawing_ 13490_R0 with 427-2024 _Addendum_3_Drawing_ 13490_R1

Replace: 427-2024 _Drawing_ 13493_R0 with 427-2024 _Addendum_3_Drawing_ 13493_R1

APPENDICES

Replace: 427-2024_Appendix_B with 427-2024_Addendum_3_Appendix_B

The following is a summary of changes incorporated in the replacement of the Appendix B - Geotechnical Baseline Report:

Deleted the baseline values for bedrock transmissivity in Table 6-3

Replace: 427-2024_Appendix_I with 427-2024_Addendum_3_Appendix_I

QUESTIONS AND ANSWERS

Q1: Can the CN Crossing be completed in the winter months?

A1: Yes, as part of this Addendum, D22.1 (c) has been deleted.

Q2: Are contractors to assume that all 15 exploratory soft dig/test pitting locations as shown in B12 of the Form B are happening within the portion of the force main that required positive drainage as shown in E19.1 (a) (i)?

A2: No, the locations will be scattered throughout the Site at key crossing locations along the force main alignment.

Q3: Will the contact information for those who attended the bidders conference on July 22 and 24, 2024 be made available?

A3: Yes, the sign in sheets from those meetings are attached to this addendum.

Q4: Where can the rail monitoring and rail design drawings be found?

A4: The rail crossings drawing for the CPKC crossing can be found in Appendix D - CentrePort South Regional Water & Wastewater Servicing Project CPKC Mile 6.46 Carberry Subdivision Crossing Geotechnical Report and the rail crossings drawings for the CN crossing can be found in Appendix E – CentrePort South Regional Water & Wastewater Servicing Report CN Mile 8.53 Rivers Subdivision (Lilyfield Spur 99S) Crossing Geotechnical Report.

