

June 2, 2025

Brighton Wastewater Treatment System Upgrades

ADDENDUM NO. 004

June 2, 2025

Tender Closing Date: June 24, 2025

This Addendum forms part of the Contract Documents and amends the original drawings and specifications. Tenderers are reminded to acknowledge on the Form of Tender that this Addendum has been received.

SPECIFICATIONS

General

Item No. 1 Section 00170 Instructions to Bidders

- 1.1 **Revise** 1.4.1.2 to read "Bid forms are to be executed, dated, and submitted electronically to the www.bidsandtenders.com submissions portal before 1:30 pm local time on June 24, 2025.
- 1.2 **Revise** 1.5.3.1 to read "A public opening will be held for this Tender on June 24, 2025, at 2:00 pm at the Municipal Office located at 35 Alice Street, Brighton Ontario, Council Chamber.

Mechanical

Item No. 2 Section 11581

- 2.1 **Revise** Section 11581, item 2.2.4.1.2 to read "Total Media Volume: 1.7 cu m."
- 2.2 **Revise** section 11581, item 2.2.4.1.3 to read "Vessel Dimensions: 5ft diameter: 8ft height"
- 2.3 **Revise** section 11581, item 2.2.4.1.5 to read "Media Bed Inside Dimensions: 5ft diameter, 3.1 ft height"

DRAWINGS

Architectural

Architectural Drawings (all changes bubbled unless noted otherwise)

Item No. 3 Drawing A002 – SITE WIDE TYPICAL DETAILS

- 3.1 **Replace** detail # 8 as bubbled.

Item No. 4 Drawing A003 – SITE WIDE TYPICAL DETAILS

- 4.1 **Add** detail #10 as bubbled.
- 4.2 **Revise** detail 1/A003 callout **to read** Detail 6/A003.
- 4.3 **Revise** detail 6/A003 callout **to read** Detail 7/A003.
- 4.4 **Revise** detail 7/A003 callout **to read** Detail 8/A003.
- 4.5 **Revise** detail 8/A003 callout **to read** Detail 9/A003.

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Item No. 5 Drawing A005 – SITE WIDE SCHEDULES

5.1 **Add** room 603 - Electrical room to Room Schedule.

Item No. 6 Drawing A201 – HEADWORKS FLOOR PLAN

6.1 Detail #1

.1 **Revise** detail 8/A002 callouts to read 3/A003.

.2 **Add** detail 6/A003 callout.

.3 **Revise** detail 3/SA020 callout to read 6/SA020.

Item No. 7 Drawing A204 – HEADWORKS BUILDING SECTION

7.1 Detail #1

.1 **Revise** below grade waterproofing extension as bubbled.

.2 **Revise** detail 9/A002 callout **to read** 4/A002.

Item No. 8 Drawing A205 – HEADWORKS WALL SECTIONS

8.1 Detail #1 and #2

.1 **Revise** below grade waterproofing extension as bubbled.

Item No. 9 Drawing A301 – AERATION TUNNEL FLOOR PLAN

9.1 Detail #1

.1 **Revise** below grade waterproofing extension as bubbled.

.2 **Add** note "WATERPROOFING MEMBRANE AND DRAINAGE BOARD TO EXTEND FROM GRADE TO EXTERIOR FACE OF FOOTING FOR FULL PERIMETER OF FOUNDATION, TYPICAL."

Item No. 10 Drawing A501 – UV BUILDING BASEMENT PLAN

10.1 Detail #1

.1 **Revise** below grade waterproofing extension as bubbled.

.2 **Add** note "WATERPROOFING MEMBRANE AND DRAINAGE BOARD TO EXTEND FROM GRADE TO EXTERIOR FACE OF FOOTING FOR FULL PERIMETER OF FOUNDATION, TYPICAL."

Item No. 11 Drawing A502 – UV BUILDING GROUND FLOOR PLAN

11.1 Detail #1

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- .1 **Revise** detail 3/SA050 callout **to read** detail 7/SA050.
- .2 **Add** detail 6/A003 and 9/A003 callout.

Item No. 12 Drawing A505 – UV BUILDING SECTIONS

12.1 Detail #1

- .1 **Revise** below grade waterproofing extension as bubbled
- .2 **Add** detail 4/A002 callouts and 1/A002.

12.2 Detail #2 and #3

- .1 **Add** detail 4/A002 callouts and 1/A002.

Item No. 13 Drawing A505 – UV BUILDING WALL SECTIONS

13.1 Detail #1

- .1 **Revise** below grade waterproofing extension as bubbled.

13.2 Detail #2

- .1 **Remove** below grade waterproofing extension as bubbled.
- .2 **Revise** detail 2/A002 callout **to read** detail 4/A002.

Item No. 14 Drawing A601 – PROCESS BUILDING BASEMENT PLAN

14.1 Detail #1

- .1 **Revise** below grade waterproofing extension as bubbled.
- .2 **Revise** note “WATERPROOFING MEMBRANE AND DRAINAGE BOARD” **to read** “WATERPROOFING MEMBRANE AND DRAINAGE BOARD TO EXTEND FROM GRADE TO EXTERIOR FACE OF FOOTING FOR FULL PERIMETER OF FOUNDATION, TYPICAL.”

Item No. 15 Drawing A602 – PROCESS BUILDING GROUND FLOOR PLAN

15.1 Detail #1

- .1 **Add** detail 6/A003 and 9/A003 callout

Item No. 16 Drawing A605 – PROCESS BUILDING SECTIONS

16.1 Detail #1

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- .1 **Revise** below grade waterproofing extension as bubbled.
- .2 **Add** detail 7/A002, 1/A002 and 4/A002 callout.
- .3 **Revise** Detail 6/A003 callout **to read** Detail 7/A003. **Revise** detail 5/A003 **to read** detail 4/A003.

16.2 Detail #2, #3 and #4

- .1 **Revise** below grade waterproofing extension as bubbled.
- .2 **Add** detail 7/A002, 1/A002 and 4/A002 callouts.

Item No. 17 Drawing A606 – PROCESS BUILDING WALL SECTIONS

17.1 Detail #1

- .1 **Revise** below grade waterproofing extension as bubbled.

17.2 Detail #2

- .1 **Revise** Detail 2/A002 callout **to read** Detail 4/A002.
- .2 **Revise** below grade waterproofing extension as bubbled.

17.3 Detail #3

- .1 **Add** detail callout 8/A003.
- .2 **Revise** Detail 8/A003 callout **to read** Detail 9/A003.

Item No. 18 Drawing A801 – ADMINISTRATION BUILDING GROUND FLOOR PLAN

18.1 Detail #1

- .1 **Add** detail 6/A004 and 9/A004 callout.

Item No. 19 Drawing A805 – ADMINISTRATION BUILDING SECTIONS

19.1 Detail #1 and #2

- .1 **Revise** below grade waterproofing extension as bubbled.
- .2 **Add** detail 1/A004, 2/A004, 3/A004, 4/A004 and 5/A004 callout.

Item No. 20 Drawing A806 – ADMINISTRATION BUILDING WALL SECTIONS

20.1 Detail #1, #2 and #3

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- .1 **Revise** below grade waterproofing extension and under slab insulation as bubbled.

Item No. 21 Drawing A806 – ADMINISTRATION BUILDING ENLARGED WASHROOM PLANS AND ELEVATIONS

- 21.1 Detail #2, #3, #4, #5, #6, #7, #8 and #9.

- .1 **Add** ceramic tile base extension

Civil

Item No. 22 Drawing C006 – GRADING PLAN – OUTFALL

- 22.1 **Add** grades as shown on C006.

Mechanical

Item No. 23 Drawing MID001 – MECHANICAL SCHEDULES SHEET 1

- 23.1 **Revise** Odour Control Unit Schedule as bubbled.
23.2 **Add** EBB 9816 to Unit Heater and Cabinet Heater Schedule.

Item No. 24 Drawing PM005 – PROCESS AND MECHANICAL STANDARD DETAILS

- 24.1 **Revise** detail 10/PM005 as bubbled.

QUESTIONS

Questions from Bidders

Item No. 25 I am looking to get the list of general contractors bidding this project. Can you please provide the GC list.

- 25.1 The sign-in-sheet from the site meeting held on May 26th, 2025 is included with Addendum No. 004.

Item No. 26 Upon review of the architectural drawings the extent of the under slab and foundation waterproofing is very vague. Several details do not coincide with each other, or are missing details. Please review these drawings and confirm the extent of the waterproofing requirements.

- 26.1 Refer to attached A-SK001 Site wide Waterproofing Plan to clarify under slab and foundation waterproofing extent. Refer to Addendum 004 for updated Architectural drawings.

Item No. 27 Do the channels in rooms 200 and 500 require floor and wall sealant?

- 27.1 Requirements for all liquid retaining concrete structures (i.e. channels) are defined in Division 3 specifications.

Item No. 28 Room 603. Is an epoxy finish required?

- 28.1 Yes, Electrical room 603 requires Epoxy floor finish. Schedule has been updated, refer to drawing A005.

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- Item No. 29 Does this job strictly require union labor?**
- 29.1 No
- Item No. 30 At the Drawings there is no cove base in the washrooms, but in the specifications, there is a cove base same as tile floor. My question is which one should I follow? Also, what would be the high of the cove base?**
- 30.1 The washrooms have areas with and without tile on the walls. In sections where both the floor and walls are tiled, cove base is not required. However, in sections with only floor tiles, cove base is required. Refer to drawing A809 for wall tile and base extension.
- 30.2 Height of cove base: 102mm (1 tile full height)
- Item No. 31 As per the attached preliminary drawing steel jambs extension and a motor mount are required to install the overhead door. The jamb extensions would need to be 3" wide need to extend at least 48" above the header. These are currently not indicated on the drawings.**
- 31.1 There is sufficient space for the jamb extension noted. These details are to be provided to the consultant for review in a shop drawing.
- Item No. 32 Drawing C003 does not indicate the type of pipe from the Decant SPS to MH21.**
- 32.1 Pipe to be 4710 HDPE at DR 32.5 with flanged connection as required for pump station and telescoping valve.
- Item No. 33 Can the location of the existing plant influent pipe please be shown on C002.**
- 33.1 Existing incoming influent pipe is shown on DC001.
- Item No. 34 Can profile drawings be provided for the new yard piping?**
- 34.1 Refer to crossing inverts shown on site servicing. Profile drawing would be overly cluttered for use.
- Item No. 35 On C004 there is a missing section of grading required in the north swale, please provide.**
- 35.1 Contractor is expected to construct a swale approx. 50m long draining north, with 5:1 side slopes, flaring out towards the creek.
- Item No. 36 There is no grading information provided on C006, please provide.**
- 36.1 Refer to Addendum No. 004, Item No. 22.
- Item No. 37 Referencing MH14, please verify the inverts are correct, as the inlet is currently shown 1.4m below the outlet.**
- 37.1 The pipe is being installed understanding that flow will be in a submerged condition and has been calculated as such.

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- Item No. 38** **Drawings ME001, ME002 and ME003 - Confirm that the commissioning of these devices does not rest solely on the General Contractor, As the act of commissioning involves all parties (Owner, Engineer, Integrator, Equipment Supplier, Mechanical and Electrical).**
- 38.1 The general contractor is responsible for the scheduling and organisation of all commissioning activities including activation of any sub-contractors required for the specific commissioning activity. Refer to specification 01020 section 1.1-1.6 for specific commissioning responsibility of all parties.
- Item No. 39** **Drawing ME002 - What is 'C'?**
- 39.1 All instances labeled 'C' and associated with the Longitudinal collectors are to be provided by the Systems Integrator (SI)
- 39.2 All instances labeled 'C' and associated with the Surface Aspirators collectors are to be provided by the Electrical Contractor (E) "
- Item No. 40** **Drawing ME002 - Shouldn't the auger starters be supplied by either Mechanical or Electrical?"**
- 40.1 Refer to specification 11330 for mechanical screening system. Starters for equipment associated with the screening system (G-2101, MS-2101, MS2102, SCV-2101) are located in MCP-2100 and are to be provided by the Process Equipment Supplier (PS) in lieu of General Contractor (G)
- Item No. 41** **Drawing ME003 - What is 'O'?**
- 41.1 Automated samplers SMP 2001 and SMP 4001 are to be provided by Owner (O) (Municipality of Brighton) in lieu of Process Equipment Supplier (PS). Commissioning is to be provided by General Contractor (G) in lieu of 'O' (Owner)
- Item No. 42** **Drawing ME003 - Shouldn't the screw conveyor starters be supplied by either Mechanical or Electrical?"**
- 42.1 Refer to Addendum No.004, Item No. 40.
- Item No. 43** **Confirm that 10 – 20 M are to run horizontally through the conduit chairs.**
- 43.1 4 x 20M reinforcing bars, in lieu of 10 x 20M reinforcing bars, are to be run horizontally at the four corners of the ductbank.
- Item No. 44** **Provide the rebar size for the ones running horizontally in the four outside corners of the ductbank.**
- 44.1 20M reinforcing bars in the four outside corners of the ductbank.
- Item No. 45** **01020 1.19.2 Please note that XXX acknowledges that in the event of a non-conformance related to commissioning protocol, corrective measures will be taken to rectify the issue as recommended by the independent testing agency and subject to approval by the Commissioning Manager and Consultant. XXX intends to rectify the equipment rather than reject and replace it, except in cases where the equipment is irreparably compromised, cannot be repaired, or the manufacturer's warranty is invalidated. Please confirm this is acceptable.**
- 45.1 This approach to non-conformance is considered reasonable.

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Item No. 46 11347 1.3.1.7.8 Please note that for submittals, only generic screens can be provided. Project-specific screens will be supplied after programming is completed to ensure they are accurately reflected in the O&M manuals.

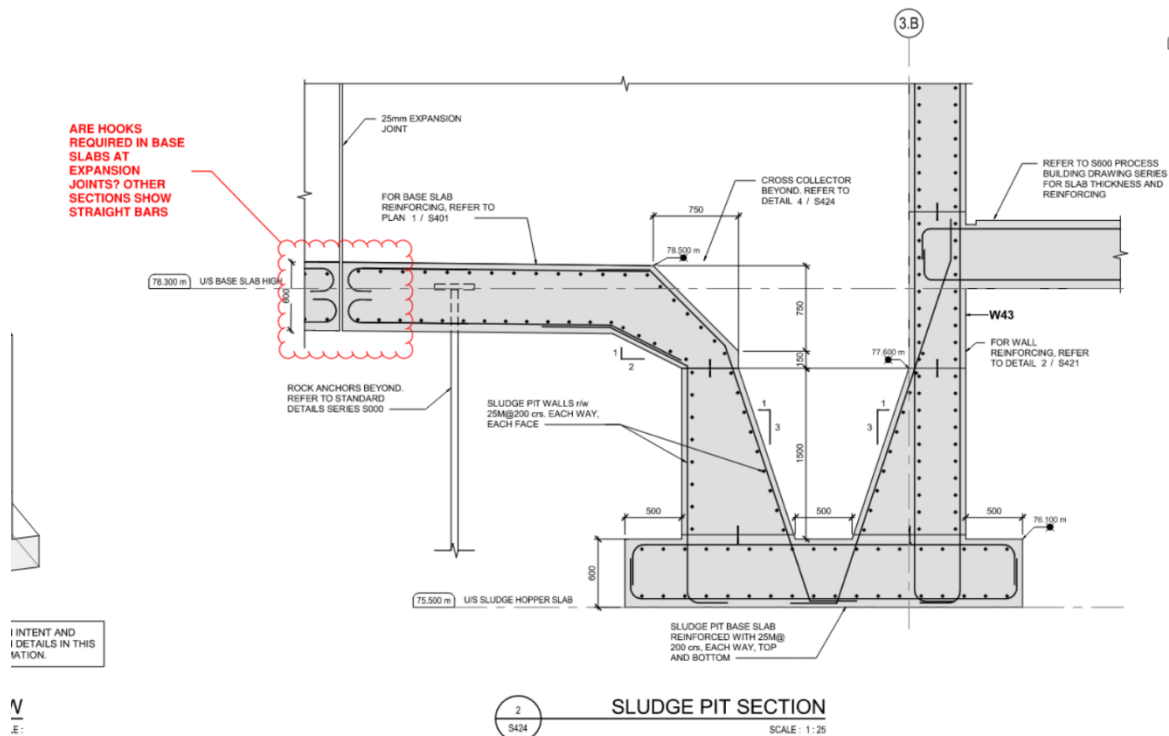
46.1 Submission of generic screens with the submittal and project-specific screens with the O&M manuals is acceptable. Please note that O&M manuals must be submitted prior to equipment start-up in accordance with specification 15014.

Item No. 47 Drawing P701 indicates both 2 and 3 access hatches and drawing S700 mentions to provide hinged grating panels.

47.1 Refer to Section 11312, Item 2.5.1.

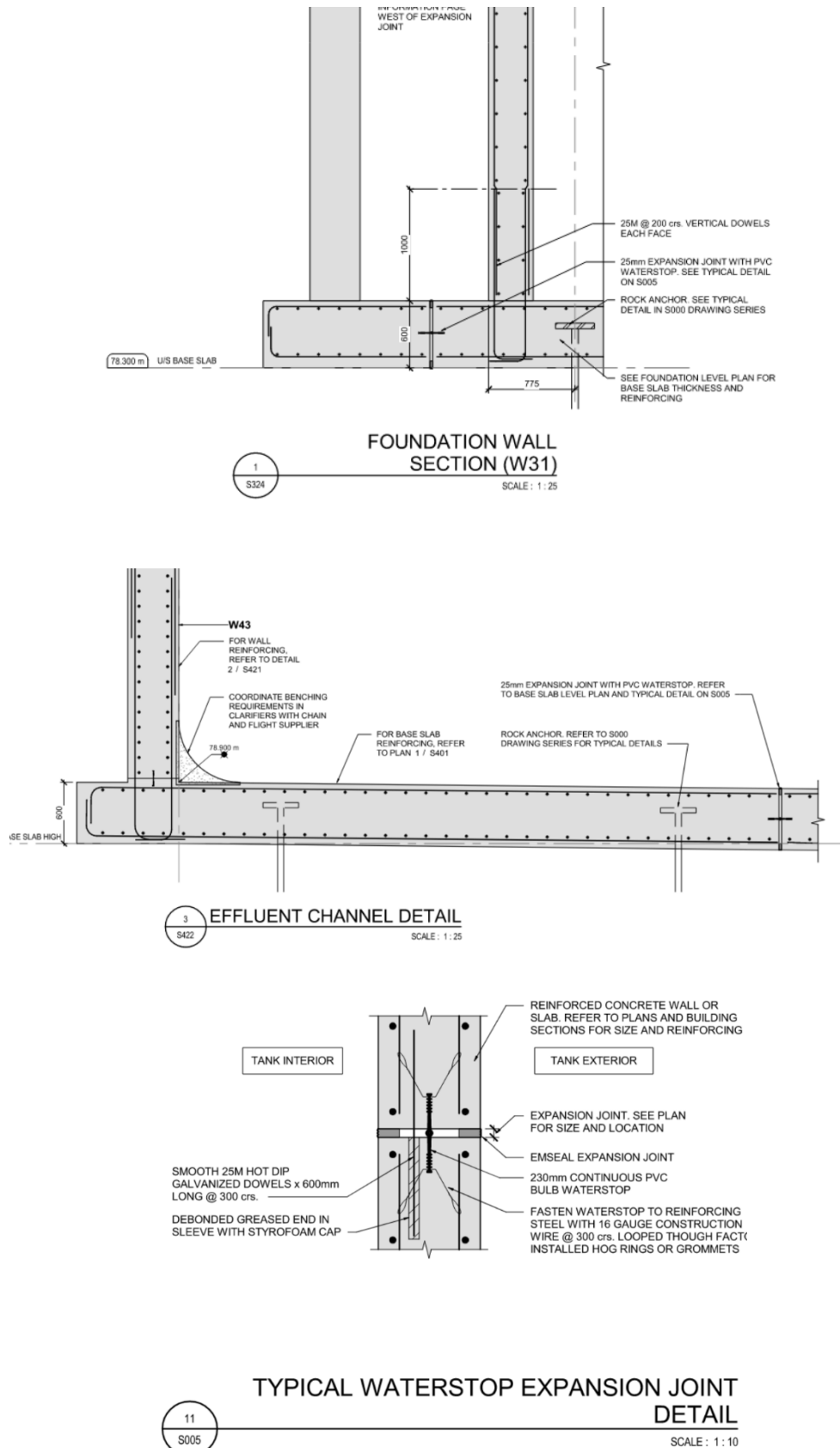
Item No. 48 Are hooks required in base slabs at expansion joints? Section 2/S424 shows hook and there are multiple other sections that do show straight bars. See below details.

2/S424 shows hooks on the base slab bars at expansion joints.



Section 1/S324, 3/S422, and 11/S005 shows straight bars

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- 48.1 Straight bars can be provided in base slabs where bars terminate at locations of expansion joints.

Item No. 49 Drawing S620. Confirm that rigid is not required under the Ferric containment slab.

- 49.1 Per Section 2 / S010, the intent is to have free draining granular backfill under the ferric containment pad extending below frost depth. Therefore, rigid insulation would not be required.

Item No. 50 All Structural drawings. Confirm that rigid insulation is not required under the exterior slabs.

- 50.1 Rigid insulation is required under all exterior equipment pads as per Detail 1 / S006. Other exterior concrete slabs shall be constructed per Detail 2 / S006 or other details as applicable.

Item No. 51 Can the following language be inserted into the contract?

“In the case where tariffs (imposed by the US, Canadian, and/or other countries) are imposed and have direct and verifiable impacts on materials necessary for this project, the Owner will provide appropriate monetary compensation to the Contractor. The Contractor would be required to provide documentation to support any request for compensation (letters from suppliers, proof of material costs at the time of bidding, revised quotes for material costs at the time of supply, etc).”

- 51.1 There will be no change to the contract language. The project team understands the significant impacts the market conditions can result in. The Municipality and Consultant will review the cost/ schedule impacts due to tariffs (and all other market conditions) with the contractor. Such impacts can be submitted via documentation after contract award to support the change. Contractors are encouraged to submit the true costs at time of tender closing.

Item No. 52 The contingency allowance. On the form of tender, it is \$3,500,000.00, but in section 01210.1.3.1, it states \$3,680,000.00. Please clarify.

- 52.1 Refer to Addendum No.1, Item No.1.

Item No. 53 Would you please confirm that the Owner will take care of all Building Permit fees.

- 53.1 Yes. The owner will take care of the building permit fees.

Item No. 54 Confirm if subcontractors are to be bonded. If so, which disciplines?

- 54.1 No bonding is required for subcontractors.

Item No. 55 Confirm that all statements are emailed to brighton@jlrichards.ca?

- 55.1 Yes.

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Item No. 56 Can Statements 'A' and 'B' also be provided 24 hours after the closing?

56.1 No. Statements A and B need to be provided at tender closing.

END OF ADDENDUM NO.004

Prepared by:

J.L. RICHARDS & ASSOCIATES LIMITED



Susan Jingmiao Shi,
Associate; Senior Environmental Engineer;
Practice Lead, Regional Market

SJS:rc

cc: All Plan Takers

Addenda to Date:

Addendum 001	May 12, 2025
Addendum 002	May 20, 2025
Addendum 003	May 26, 2025
Addendum 004	June 2, 2025