

June 16, 2025

Posted via Ariba  
(8 pages + 27 attachments)

**ADDENDUM No. 1  
REQUEST FOR TENDER NO. DOC5122222325  
CONTRACT NO. 25ECS-MI-03HA**

**SUBMISSION DEADLINE: 12:00 NOON (LOCAL TIME), JULY 3, 2025**

**FOR: INSTALLATION OF A STANDBY GENERATOR FOR CRITICAL LOADS IN  
R.C. HARRIS WATER TREATMENT PLANT**

Please refer to the above Request for Tender document in your possession and be advised of the following:

**I. REVISIONS**

**R1. Part 2 – Construction Agreement**

- a. Schedule A, Information Sheet, C.4. Scheduled Date for Substantial Performance of the Work

**DELETE** in its entirety:

61 weeks from Commencement Date

And **REPLACE** with the following:

68 weeks from Commencement Date

**R2. Part 3 – Drawings (Refer to attachments)**

- a. 2F-2017-08-2 G002

Two new drawing sheets added

- b. 2F-2017-08-3 G003

Six new drawing sheets added

- c. 2F-2017-08-15 S008

Filter Gallery Extend Walkway Layout updated

d. 2F-2017-08-43 E103

LP-0400E SLD updated, Notes updated

e. 2F-2017-08-44 E104

PDP-0400E elevation updated

f. 2F-2017-08-46 E106

PDP-0401A/B SLD updated c/w new UPS and UPS PDP

g. 2F-2017-08-49 E111

PDP-0500A/B SLD updated

h. 2F-2017-08-56 E134

PDP-0300E elevation updated

i. 2F-2017-08-69 E207

Clarification note added

j. 2F-2017-08-72 E211

Service building basement layout - Existing UPS Demolition

k. 2F-2017-08-96 I101

Updated and Renamed to FLT-UPS-0001 – Demolition Detail

l. 2F-2017-08-97 I102

Updated and Renamed to FLT-UPS-0002- Demolition Detail

m. 2F-2017-08-98 I103

Updated I105 drawing number reference

n. 2F-2017-08-99 I104

Renamed to MCC-0400 Tie Breaker wiring detail

o. 2F-2017-08-100I105

Updated and Renamed to FLT-CP-0007 Filter CV Shutoff Control Panel layout and wiring.

p. 2F-2017-08-101I106 FLT-CP-0005 CONTROL PANEL

**DELETE** and replace with new drawing per Section III, A1, e

- q. 2F-2017-08-102I107 FLT-CP-0005 CONTROL PANEL

**DELETE** and replace with new drawing per Section III, A1, f

### R3. Part 3 – Specification

- a. Division 1 Generation Requirements, Section 01110 - Summary of Works (Refer to attachment)

- i. 1.1.1.2.b.(i) **DELETE**

The Successful bidder shall arrange for the rental of a temporary generator, where required, to provide backup power during shutdown and system changeover. The estimated temporary generator size is 150kW, 600V, 3 phase, 60Hz

- ii. **REVISE** 1.1.1.2.h. (a). (i), (ii) and (iii) per attachment

- iii. **REVISE** 1.1.1.2.h. (b). (i) per attachment

- b. APPENDIX N: 130892\_Filtration & Backwash FSH-PCN

- i. **REVISE** per version 11.1, Dated June 2025

Updated section 9.2 C2.8 Power Supply and UPS Failure (Refer to attachment)

### R4. Part 3 – Drawings and Specifications (Refer to attachment)

- a. **REVISE** LIST OF DRAWINGS Titles

- i. **ELECTRICAL**

72 2F-2017-08-72 E211 ELECTRICAL FLOOR PLAN - SERVICE BUILDING BASEMENT-DEMOLITION

- ii. **INSTRUMENTATION**

96 2F-2017-08-96 I101 FLT-UPS-0001 – DEMOLITION DETAIL

97 2F-2017-08-97 I102 FLT-UPS-0002 - DEMOLITION DETAIL

99 2F-2017-08-99 I104 MCC-0400 TIE BREAKER WIRING DETAIL

100 2F-2017-08-100 I105 FLT-CP-0007 FILTER CV SHUTOFF  
CONTROL PANEL LAYOUT AND WIRING

b. **DELETE** LIST OF DRAWINGS

i. **INSTRUMENTATION**

101 2F-2017-08-101 I106 FLT-CP-0005 CONTROL PANEL

102 2F-2017-08-102 I107 FLT-CP-0006 CONTROL PANEL

**R5. Please be advised that the pricing form has been modified. If you have submitted your bid, you will be required to resubmit your bid in SAP Ariba. To reactivate the pricing form please see the file named "Reactivating the Pricing Form - Supplier" as part of Addendum 1**

**II. ADDITIONS**

**A1. Part 3 – Drawings (Refer to attachments)**

a. 2F-2017-08-72A E211A

Service building basement layout – New UPS Installation Staging Plan

b. 2F-2017-08-72B E211B

Service building basement layout – New UPS Layout

c. 2F-2017-08-96A I101A

New drawing FLT-UPS-0001 and FLT-CP-0005- New Modifications

d. 2F-2017-08-97A I102A

New drawing FLT-UPS-0002 and FLT-CP-0006- New Modifications

e. 2F-2017-08-101 I106

New drawing SPC-RPU-1521 Panel Layout

f. 2F-2017-08-102 I107

New drawing SPC-RPU-1521 Power Distribution.

g. 2F-2017-08-103 I108

New drawing SPC-RPU-1521 R00S06- Demolition Detail

h. 2F-2017-08-104 I109

**A2. Part 3 – Specification**

- a. Division 1 Generation Requirements, Section 01110 - Summary of Works (Refer to attachment)

- i. **ADD** item 1.1.1.2.b.(r)

Replace existing two (2) 80kVA/kW UPS with (2) new 80kVA/kW UPS, upgrade associated UPS power distribution, SCADA monitoring and Filter Value control. Replacement to be carried in stages to have one UPS in operation during replacement.

- ii. **ADD** item 1.1.1.2.g

Instrumentation and SCADA Improvements: The scope of work related to the replacement of FLT-UPS-0001 and FLT-UPS-0002 includes:

- (a) Existing UPS's FLT-UPS-0001 and FLT-UPS-0002:

- (i) Demolish and remove existing UPS's as specified under Division 16.
- (ii) Disconnect and remove existing control wiring from the UPS's to the PLC panel SPC-RPU-1521 and from the UPS's to the Filter Rate Valves Distribution Panels (FLT-CP-0005 and FLT-CP-0006)
- (iii) After installation of the new UPS's FLT-UPS-0001 and FLT-UPS-0002, supply and install conduit and wiring and connect the UPS relay outputs to the appropriate points covered in the next sections and as shown on the Contract Drawings.
- (iv) Supply and install two new 120VAC fuses in the existing PLC panel SPC-RPU-1521. Connect new power feeds from these fuses to the new Filter CV panels FLT-CP-0005 and FLT-CP-0006 as shown on the Contract drawings.
- (v) Supply and install two 120VAC relays wired to the new fuses. Wire N.O. contacts from the new relays to spare PLC digital inputs for monitoring of the fuse power as shown on the Contract drawings.
- (vi) Supply and install conduit between the new UPS's to the existing PLC panel SPC-RPU-1521. Wire the UPS status outputs to existing spare PLC inputs as shown on the Contract drawings.

b. Division 16 Electrical (Refer to attachment)

i. **ADD** Section 16282 Uninterrupted Power System (UPS) 3-Phase

**A3. Part 3 – Drawings and Specifications List (Refer to attachment)**

a. **ADD** to LIST OF DRAWINGS

i. **ELECTRICAL**

72A 2F-2017-08-72 E211A ELECTRICAL FLOOR PLAN -  
SERVICE BUILDING BASEMENT-STAGING PLAN

72B 2F-2017-08-72 E211B ELECTRICAL FLOOR PLAN -  
SERVICE BUILDING BASEMENT

ii. **INSTRUMENTATION**

96A 2F-2017-08-96A I101A FLT-UPS-0001 AND FLT-CP-0005 -  
NEW MODIFICATIONS

97A 2F-2017-08-97A I102A 2FLT-UPS-0002 AND FLT-CP-0006 -  
NEW MODIFICATIONS

101 2F-2017-08-101 I106 SPC-RPU-1521 PANEL LAYOUT

102 2F-2017-08-102 I107 SPC-RPU-1521 POWER  
DISTRIBUTION

103 2F-2017-08-103 I108 SPC-RPU-1521 R00S06 -  
DEMOLITION DETAIL

104 2F-2017-08-104 I109 SPC-RPU-1521 R01S05

c. **ADD** to LIST OF SPECIFICATIONS AND APPENDICES

i. **DIVISION 16 ELECTRICAL**

16282 Uninterrupted Power System (UPS) 3-Phase

**A4. Part 5 – Pricing Form**

a. Part 5.2 - Pricing Form

Part B – Provisional items

**ADD 5.2.2.22**

Supply, install and commission 2 new UPSs including instrumentation and SCADA modifications for replacement of UPSs FLT-UPS-0001 and FLT-UPS-0002 per Drawings and specification revisions/ additions in Addendum 1, Sections I and III

Qty: 1

Unit: Each

**III. QUESTIONS AND ANSWERS**

**Q1. What type of generator is it and what is the voltage?**

A1. It is an indoor Natural Gas generator, 600V/3P/4W, 300kW. Refer to Part 3 – Specification, Section 16500 – Natural Gas Engine Indoor Generator.

**Q2. From the site walk, it seemed only the upper monorail would need to be temporarily removed to make space for moving the generator to its install location. Drawings S003 & S004 show the monorail at both elevations 88.00 & 92.10 being temporarily removed. Is Temporary removal of the monorail at elevation 88.00 required?**

A2. Suppliers to consider the Temporary removal of monorails at both elevations in bids. Any changes will be considered during construction based on Contractor means and methods.

**Q3. The Contract duration is 61 weeks to achieve substantial performance. The generator shop drawings will take approximately 8 weeks to develop and submit. The city has up to 4 weeks to review them. Assuming no shop drawings resubmissions are required, generator procurement can proceed after that. The generator procurement is expected to take 40 weeks after shop drawings are reviewed. The delivery, rigging, moving into space, assembly, connection will need approximately 12 weeks. Generator commissioning will need approximately 4 weeks. Looks like it will take a minimum 70 weeks to achieve substantial completion. How are we supposed to achieve substantial completion in 61 weeks?**

A3. Refer to Section I, R1.

Should you have any questions regarding this addendum send via the event message board or contact Christina De Andrade-Messere at [Christina.DeAndrade-Messere@toronto.ca](mailto:Christina.DeAndrade-Messere@toronto.ca)

Suppliers must acknowledge receipt of all addenda in the space provided on Part 4 – Submission Form as per Part 1 Tender Process, Section 1 RFT Specific Process and Submission Instructions, Item 1.7 – Addenda, of the Tender document. All other aspects of the Tender remain the same.

Yours truly,

Tracy Zhang, Supervisor  
Infrastructure & Development Services  
Purchasing Client Services  
Purchasing & Materials Management Division