



NOTICE OF ADDENDUM

Addendum No.: 7

Addendum Issue Date: Thursday, July 4, 2024

Procurement No.: PRC004391

Procurement Name: Construction Services for Fire Station 123

Closing Date: Tuesday, July 9, 2024, 2:00 PM

The additions, deletions, revisions and/or clarifications as hereinafter specified shall form an integral part of the bid document and shall be read in conjunction with the requirements set forth in the bid request document.

MODIFICATIONS

Revision No. 1

The following Appendices have been added:

[21_Appendix_T_Arch Addendum 2 - Drawings_Addendum_7](#)

[22_Appendix_U_12301_CoM_123_Arch Addendum No 2_Addendum_7](#)

[23_Appendix_V_0 01 15 - List of Drawings_Addendum_7](#)

[24_Appendix_W_07 52 16 - Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing_Addendum_7](#)

[25_Appendix_X_08 41 00 - Aluminum Framed Glazing Systems_Addendum_7](#)

[26_Appendix_Y_09 65 19 - Resilient Tile Flooring_Addendum_7](#)

[27_Appendix_Z_10 75 16 - Ground Set Flagpoless_Addendum_7](#)

[28_Appendix_00_E101 Power and Systems Plan ADD-E04_Addendum_7](#)

QUESTIONS & ANSWERS

Question 1:

With respect to the apparatus bay, and the mechanical and electrical installations, please clarify that this area is being considered “damp/exterior” and/or “corrosive” and confirm what special requirements or specification sections address this provision, IF NECESSARY.

Answer 1:

Apparatus bay is to be considered a wet location, defined as Category 1 in OESC Section 22.

Question 2:

Please see the attached RFI document

Answer 2:

Pavement structures for light and heavy duty sidewalks have been revised.

Question 3:

Questions from Plumbing Contractor

1. The drawings have not mentioned about material of pipes
2. The drawings have not mentioned the fixtures specification

Would you please clarify it.

Answer 3:

Please refer to Specification Section 22 05 69 material of pipes

Please refer to Specification Section 22 42 00 for fixture specifications.

Question 4:

Could you please confirm the model for Mop and Broom holder at Janitor Room?

Answer 4:

Mop and Broom Holder shall be Uline H-5042 – Stainless Steel with shelf.

Question 5:

Please confirm the emergency generator feeder size, 2 runs of 4x350kCMIL is correct. The circuit breaker size is 800A.

Answer 5:

The normal power circuit breaker (molded case switch) feeding the automatic transfer switch is noted as 800A. The circuit breaker on the generator set that feeds the emergency side of the automatic transfer switch is 550A and is noted as 2 parallel runs of 350 kcmil, which has an ampacity of $2 \times 310 \text{ A} = 620 \text{ A}$. The load side of automatic transfer switch feeds panel DP-6BB with same size of feeder as that which feeds the normal side of the ATS. The generator feeder is smaller than the normal power feeder, and is intended to be upsized when the generator is replaced at a future date outside the scope of this project when additional electric EV truck chargers are required.

Question 6:

Regarding security & access control system please clarify:

1. What is the access control card credentials I.e. 26 bit 36 bit etc.?
2. Any software spec or limitations for the video & access control?
3. Any camera specifications?
4. Should we supply the server for access control or it is supplied by others?
5. is there any specific contractor for this part?

Answer 6:

Security and access control are noted as a Cash Allowance per Section 01 21 13, paragraph 1.1.21.6. The city has retained a vendor to provide this equipment, which will be hired by the GC through the cash allowance. Conduit requirements for these aforementioned systems are to be provided in the base contract.

IT equipment is noted as a cash allowance per Section 01 21 13, paragraph 1.1.21.7.

Question 7:

Regarding specification 10 75 16 section 2.2.2.4 – the spec is asking for both an internal and external halyard system. They cannot co-exist. It is recommended that the internal system be specified as the external halyard by nature does not resist the flag from wrapping around the pole while the internal system does. The conversion to internal halyard could be done by removing items: 2.2.2.4 (3), 2.2.2.4 (8) & 2.2.2.4 (11). Please advise on which halyard system is required.

Answer 7:

Internal System shall be used. Specifications has been re-issued.

Question 8:

Regarding Light Duty Asphalt

Per Table 3 Geotechnical Report 65mm HL3

Per drawing A00.03 40 mm HL3 + 50mm HL8

Please clarify.

Answer 8:

As per the paragraph below Table 3: Suggested Pavement Structure “Depending on the arrangement of light duty and heavy-duty pavement sections, the transition between sections may present some difficulty for contractors. In this regard, consideration might be given to a slightly increased light duty pavement structure consisting of 50 mm of HL8 binder course and 40 mm of HL3 surface course asphaltic concrete. This structure will provide for a continuous depth of surface course asphalt allowing for ease of construction. As well, such a structure would have an improved performance over an increased design life.

Such an arrangement of asphalt layers would also allow for future rehabilitation with a ‘mill and pave’ type operation. “

We are proposing the alternative to provide ease of construction between the light and heavy duty asphalt.

Question 9:

can you confirm if rubber baseboard is required @ sealed concrete and epoxy locations .

Answer 9:

Drawing A03.12 – Level 01 – Finishes Plan has been issued to address location of wall bases.

Question 10:

please provide a copy of the Stormwater Management Report.

Answer 10:

Stormwater Management Report has been issued in Addendum 04.

Question 11:

As per roofing specification, base and cap sheets are torch applied on fiberboard. As per manufacturer recommendations, it is not recommended as it would catch fire instantly. Could you please let us know if we can use self adhered membranes which can provide same warranty? If so, could you please send a clarification to all bidders so that all bidders can carry the same system? Thank you

Answer 11:

Refer to revised section 07 52 16 - Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing.

Question 12:

Please clarify the following queries:

1. As per Volume 1 , list of drawings (Page 2 of 4) mentioned drawing A10.10 Room finishes & Specification Schedules. But we do not have this drawing in the drawing section. Please provide the room finish schedule.
2. We do not know the wall base for Epoxy Floor (EP-1), Polished concrete (C-POL), Sealant Applied to Concrete (C-SLD) and Resilient Sports Floor (SF-1). Please provide the same.

3. As per Drawing A03.05 Floor Plan – Interior Partition Layout, Universal Washroom 105 mentioned F8 wall furring at water closet wall (means wall tile on that wall – refer drawing A00.04). But drawing A03.12 Level 01 - Finishes plan, mentioned paint finish PNT1 on this wall. Only shower area mentioned WT2 wall tiles. Also drawing A08.00 Washroom Plans and Elevations, Elevation 5 for Universal washroom shows some bigger tile patterns like 60cm x60cm. Please confirm is there wall tiles on this wall ? if yes, please provide the specification for the same.

4. As per Volume 1, Table of Contents 00 01 10, page 4 of 9 mentioned 09 65 19 Resilient tile flooring. The same is not included in the Volume 1 specification.

Answer 12:

1. Drawing List has been updated and re-issued.
2. Drawing A03.12 – Level 01 – Finishes Plan has been issued to address location of wall bases.
3. WT-1 shall be provided at this location.
4. 09 65 19 Resilient tile Flooring specifications provided as part of this addendum.

Question 13:

Please provide the supplier name for LVT-1 Luxury Vinyl Floor Tile 6"x36"x1/8, Siena LVT Buried SVP6006 in Ontario / Canada.

Answer 13:

LVT-1 has been respecified. Refer to re-issued Level 01 – Finishes Plan.

This Addendum is issued by the City of Mississauga and is in effect as of the Addendum Issue Date.

Daniel Jagdeo

Procurement Services, City of Mississauga

End of Addendum