



NOTICE OF ADDENDUM

Addendum No.: 1

Addendum Issue Date: Monday, September 16, 2024

Procurement No.: PRC004616

Procurement Name: Construction Services for New Fire Station 124

Closing Date: Friday, September 27, 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 Appendix has been added:

[17_APPENDIX_P_PRC004616 Fire Station 124_Addendum 1](#)

Revision No. 2

The following line items have been removed from the Substitution Price Schedule:

Line Item	Original Product/Work Specified	Proposed Substitution	Price	Extra or Credit
1	Sectional Overhead Doors 131G & 131F on incoming side of Apparatus Bay (Qty. 2) per Section 08 36 13	Four-fold Truck Doors – side actuating (Qty. 2) per Section 08 35 00	\$	\$
4	Four-fold Truck Doors 131D & 131E on outgoing side of Apparatus Bay (Qty. 2) per Section 08 35 00	Sectional Overhead Doors (Qty. 2) per Section 08 36 13	\$	\$

QUESTIONS & ANSWERS

Question 1:

Vodaland would be interested in proposing an alternate trench drain which would be better than the spec'd plastic channel. Dimensions wise it would be same as the spec'd product. Our Product is called PRO100FC. Below are the product specs and have attached a submittal package for review for Trench drain marked as TD

Specification: Channels shall be 39.4in (1000mm) long and the nominal clear opening shall be 4in (100mm) with

6.3in (160mm) overall width and built-in slope of 0.5% or 1% per specifier's requirements. Channels shall have male-to-female interlocking joints. Gratings shall be ductile cast iron fastened to steel edge rails and meet system load class specified. Channels and grates shall withstand a required EN1433 load class E 600.

Materials: PRO 100FC trench drain shall be manufactured from fiber reinforced concrete with cast-in galvanized steel edge rails.

Compressive strength: greater than 45 Mpa

Flexural strength: greater than 20 Mpa

Frost resistant: Yes
Non-Flammable: Yes
UV Resistant: Yes
Recyclable 100%: Yes
Dilute acid and alkali resistant: Yes
Material free of VOC, biocides, heavy metals: Yes
Water absorption is sufficient for adhesion with concrete surfaces: Yes

Answer 1:

We have no objection with Vodaland for the trench drains, provided they can meet or exceed the specified requirements.

Question 2:

Vodaland would be interested in proposing an alternate trench drain for TD-1. Dimensions wise it would be same as the spec'd product. Our Product is called Base 100P. Below are the product specs and have attached a submittal package for review for Trench drain marked as TD-1.

Specification: BASE 100P trench drain shall be 39.4" (1000mm) long and the nominal clear opening shall be 4" (100mm) with 6.1" (156mm) overall width. Channels shall be manufactured from UV stabilized 100% recycled polypropylene. Units shall have male-to-female interlocking joints that will not separate during the installation. Channels shall have a radiused self-cleaning bottom with a Manning's coefficient of 0.009 and 1% or neutral 0% built in slope. Channels can be equipped with steel edge rails if required. Gratings shall meet the system load class specified. Channels and grate shall withstand a required EN1433 load class A 15.

The grate shall be Stainless steel (205018) Heel and ADA Compliant.

Answer 2:

We have no objection with Vodaland for the trench drains, provided they can meet or exceed the specified requirements.

Question 3:

Will you consider aluminum windows in lieu of the fiberglass specified on the window schedule?

Answer 3:

Aluminum windows are not an acceptable as they do not meet the centre of glazing U value required by the energy model for this project.

Question 4:

We request 'Jade Logic' to be added to the pre-qualified list of EMCS vendors.

Answer 4:

Prequalified vendors are captured in the EMCS specification section 2.1.2. We are not able to add to this list at this time.

Question 5:

Please provide more in-depth direction on the landscape maintenance portion of the contract. Many landscape companies do not provide this type of maintenance over such a period of time (2 years) and should be managed by a landscape maintenance contract. We request that this requirement be removed or carried in a cash allowance.

Answer 5:

Please refer to specification section 32 90 00 for the full details of the maintenance package. The requirement stands and shall be included in contract.

Question 6:

Please confirm agreement to bond is not required for this project. Also, please advise the bid bond validity / duration.

Answer 6:

Agreement to Bond – Please refer to 02_Appendix_A_RFP_Particulars, section: 6.0 Pre-Condition of Award. Validity for Bid Bond – Please refer to 01_Bidder_Info_Pkg, section 2.0 Irrevocability Period.

Question 7:

There are two drawings with the same drawing numbers L101 and M100 please advise.

Answer 7:

The conflicting drawings have been renumbered and reissued as part of 17_APPENDIX_P_PRC004616 Fire Station 124_Addendum 1 for clarity.

Question 8:

On drawing CV-1:

1. There are notes indicating the decommissioning and abandonment or removal of existing SAN lines, watermain, pump control manhole, monitoring wells, and cleanouts. Should we include the removal of these items, or are we to abandon them? These two options involve different scopes and costs. Please advise.
2. Could you confirm that the underground gas lines, Bell lines, and electrical lines are to be removed rather than abandoned?
3. Could you clarify what 'OH' stands for on this drawing? Does it refer to overhead electrical?

Answer 8:

- 1) All the existing underground servicing pipes or structures shall be removed and disposed off site.
- 2) All the existing underground servicing pipes or structures shall be removed and disposed off site.
- 3) "OH" means Overhead Hydro Lines.

Question 9:

Are there any union labor requirements for this project? Please advise.

Answer 9:

There are no union labour requirements.

Question 10:

Project Schedule is from Nov 2024 to Feb 2026. Due to coming fall / winter cold season given documented will have huge downtime and construction added cold weather cost. Is that a possibility to change schedule to March / April 2025 Start.

Answer 10:

The project schedule identified in the Tender documents shall remain.

Question 11:

On drawing L100, what does the rectangular shape around the new Hydro Transformer represent? (It is marked with green lines in the attached excerpt.)

Answer 11:

The Hydro transformer sits on a concrete pad. Around the transformer is river rock surfacing. Notes have been added to clarify. Please refer to updated Landscape drawings issued in 17_APPENDIX_P_PRC004616 Fire Station 124_Addendum 1.

Question 12:

There are discrepancies on the scope of landscaping and concrete paving shown on L100 and SP1/CV-3. Please advise which one is to be followed?

Answer 12:

Landscape drawings should be followed for planting and pedestrian concrete paving. Vehicular concrete paving is architectural scope, and noted to refer to 07_APPENDIX_F_PRC004616 SPEC BINDER A Arch & Struct - FS124 TENDER - July 31

Question 13:

Are there weeping tiles to be installed around the landscaping area at the entrance as it is shown on L100 (see attached excerpt)? This is not shown on the site services plans. Please confirm.

Answer 13:

The weeping tiles as shown on L100 are to be included. The Servicing drawing will be updated to reflect this coordination in a future Addendum.

Question 14:

1. Acrylic Solid Surface Countertops (Section 06 40 00, item 2.2.2) states: two colours to be selected from manufacturer's full range. There is a substantial variance between price groups within a manufacturer's line. Please provide specific colours or price groups for the tender to process.
2. Please confirm the bench slats size, 25mmx140mm as per spec's (section 06 40 00 2.6.1.1) or 35mmx102mm as per 3/AD619

Answer 14:

1. The final colours have not been selected, however, a level 3 price group shall be included. The final colour is likely to be white with fleck or grey with fleck.
2. Please consider 35mmx102mm, which, reflects the standard sizing of composite stock.

Question 15:

Can FINDOOR (Candian Made) be approved as an alternate for the overhead doors. Technical brochure is available, however unable to upload due to file size.

Answer 15:

FINDOOR is not an approved alternate.

Question 16:

The Hormann Speed Guardian CV-42 has an opening speed of 60' per second with a slow start and stop to ensure it is low impact on the tracks. This is a fantastic door for this application and would be quite a bit less expensive than the High-speed bi-fold doors in the specification. The glass is not 'Bird Frit' but there are more dividers in the glass, so it should be fairly bird safe.

Here is the link to look at the door - let me know if substitution is possible -

<https://www.hormann.us/high-performance/rigid-doors/speed-guardiantm-5000-cv-42/>

Answer 16:

[Hormann Speed Guardian CV-42 is not an approved alternate.](#)

Question 17:

Can you please confirm is solar is within the scope of this project (base bid) or provisions for future? There does not appear to be complete information on this scope on the electrical drawings, however the spec calls for 184 panels total.

Answer 17:

[The solar scope is in contract and the pertinent solar system details can be found within, 08_APPENDIX_G_PRC004616 SPEC BINDER B Mech & Elect- FS124 TENDER - August 12, Specification Binder B\).](#) This shall also be read with the electrical drawings for coordination.

Question 18:

Please confirm the scope for the service connections at the street. Will the cash allowance cover only the cost of the fees, or any work beyond the property line. Typically, this work needs to be completed by a City of Mississauga approved vendor and the cost cannot be determined at time of tender. In this case, we would request all works beyond the property line be covered in a cash allowance.

Answer 18:

Please refer to specification section 00 11 00 section 1.34.8 for the list of cash allowance items. The Access Modification Permit (driveway curb cuts) has been obtained and the work pre-paid by the City of Mississauga. All other connections noted on the drawings shall be included in contract.

Question 19:

We require delineation of the scope for the vehicle exhaust system, as it is covered in the cash allowance. Does the allowance cover for all components including the electrical connections etc?

Answer 19:

The electrical feeds, final connections and penetrations through the building are to be included in base contract for the vehicle exhaust system. All other components and commissioning are cash allowance.

Question 20:

Based on environmental report, we have 60 cm thick layer of contaminated soil on site, Could you please confirm that we should remove this amount of soil everywhere or not.

Answer 20:

All material required to be excavated to meet proposed design grades of the site and building is to be disposed of off-site in compliance with requirements outlined in specification section '01 34 43 Environmental Procedures – Soil Management'. In addition to this, refer to drawing CV-1 Erosion & Sediment Control and Removal Plan for information on soil to be removed in addition to the material required to be excavated to meet building and site design grades. All soil excavated is required to be removed from the site and disposed of per specification section '01 34 43 Environmental Procedures – Soil Management'. Excavated soil may not be re-used on the site.

Question 21:

Please confirm the spec section 09 24 23 is not required.

Answer 21:

Specification section 09 24 23 Portland Cement Stucco is not required and has been removed from the table of contents in 17_APPENDIX_P_PRC004616 Fire Station 124_Addendum 1.

Question 22:

Please confirm that spec section for seeding is not required as this project calls for sodding.

Answer 22:

The seeding specification section is not required, refer to 17_APPENDIX_P_PRC004616 Fire Station 124_Addendum 1 for clarification.

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

Hyacinth Menezes Trivedi

Daniel Jagdeo

Procurement Services, City of Mississauga

End of Addendum