

Date: March 12, 2024

(8 pages)

**Addendum No. 4****Request for Proposal Call No. NRFP2024-027  
CONSTRUCTION OF CENTURY GARDENS YOUTH HUB**

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**This Addendum forms part of the Proposal Document**

**1. Pertaining to Closing Date**

The Closing Date has been extended from NOT LATER THAN 2:00:00 o'clock p.m. LOCAL TIME on Thursday, March 14, 2024, to:

**NOT LATER THAN 2:00:00 o'clock p.m. LOCAL TIME on Tuesday, March 19, 2024.**

**2. Pertaining to 1.2.4 Project Schedule**

**DELETE:** “The proposed construction Gantt chart project schedule should: be completed in Microsoft Project and uploaded in PDF format using critical path method with a minimum of 500 lines”; and

**REPLACE** with: “The proposed construction Gantt chart project schedule should: be completed in Microsoft Project and uploaded in PDF format using critical path method with a minimum of 200 lines”;

**3. Questions and Answers****Question 1:**

Refer to drawing M-201 and specification 25 90 01, Item # 3.1.5 Heat Pumps . Motorized dampers are shown at the inlet of the heat pumps and at the outlets of the heat pump supply duct work in individual rooms. There is a note on M-201 about the CO2 sensors being interlocked with for the ERV and motorized dampers. The control sequence for the heat pumps does not reference control of these dampers. Please clarify how the inlet and outlet dampers are controlled.

**Answer 1:**

There are three motorized dampers:

1. First the motorized dampers provided on the fresh air branches coming from HRU are to be interlocked with CO2 sensor and HRU. Control specs Section 25 90 01 3.1.2 .9
2. Second are the motorised damper installed on the supply air duct for multiple room connected to thermostat shall close when the temperature of that room is reached.
3. Third is where 1 motorized damper is connected to multiple CO2 sensors, an average value of all CO2 sensors shall be considered to modulate that Motorized damper of the fresh air duct feeding that unit through the BAS.

Specs and control of fresh air damper has now been added in the specs Section 25 90 01 3.1.2 .9 and Section 25 90 00 2.10 .11. Refer to addendum MA-2.

**Question 2:**

Please provide a specification for the motorized dampers.

**Answer 2:**

Refer to addendum MA-2 Section of specs 25 90 00 2.10 .11 same has been added.

**Question 3:**

Can you please clarify section 1.2.4 - Project Schedule, as the 500 line requirement for the project schedule seems excessive. Can you confirm that 500 lines is required.

**Answer 3:**

Refer to Item No. 2 of this Addendum. Bidders are to provide as much detail as possible.

**Question 4:**

Please confirm if you want mechanical contractor to do the rain water harvesting and make up water piping from the Outside Cistern to inside the building as shown on site plan 1 drawing on Drawing M-100? Because it's not shown on Civil or Irrigation drawing?

**Answer 4:**

The Contractor should coordinate which trade will provide this pipe.

**Question 5:**

Please advise if you want Mechanical contractor to supply and install the rainwater harvesting pipe line 1.5 meter outside the building (between gridline 5 and F) from where the lawn irrigation equipment supplier will continue the piping to connect to the equipment? Because it's not shown on Irrigation drawing.

**Answer 5:**

**The Contractor should coordinate which trade will provide this pipe.**

**Question 6:**

With reference to Specification Section 08 42 26 Glass Partitions – please advise where this specification is applicable (CR Laurence given as basis of design). There do not appear to be any glass partitions specifically indicated on the drawings.

**Answer 6:**

Refer to schedules provided on A720 INTEROR SCREEN SCHEDULE for interior screen types. Three types are noted: SF1 solid wood frames, SF2 solid wood frames, and SF3 Solid wood perimeter frame, CW5 Aluminum frame. The CR Laurence U channel glass shoe is not in use.

**Question 7:**

With reference to drawing A720 Interior screen schedule: Screens are indicated as having wood frames and some have wood mullions. There does not appear to be a specification section for the wood frames and screens.

**Answer 7:**

Refer to schedules provided on A720 INTEROR SCREEN SCHEDULE for interior screen types. Three types are noted: SF1 solid wood frames, SF2 solid wood frames, and SF3 Solid wood perimeter frame, CW5 Aluminum frame. The CR Laurence U channel glass shoe is not in use.

**Question 8:**

Does the cash allowance of \$ 70,000 for hardware include door operators?

**Answer 8:**

The allowance includes the operators. The installation is base bid.

**Question 9:**

Does the cash allowance of \$ 70,000 for hardware including the supply AND installation of hardware, or is the \$70,000 only for supply?

**Answer 9:**

Installation is base bid. The allowance is for the supply.

**Question 10:**

Question regarding to Room Signage drawings (A960, 961, 962), there is no details for below:

DF- Door Frame

DYI- Main Directory

RG4- Health Regulations

RG11 Fire Egress Map

**Answer 10:**

Signage is part of the cash allowance.

**Question 11:**

Please clarify the following:

A. What type of material I need to calculate for the F-MTP1 (floor plan Axis 2-S, 5-D) - 4mm Aluminum composite panel or 3mm Aluminum panel?

B. And for the Soffit S-MLT and S-10 (as per A010 Assembly - 3mm Alum panel, as per Spec - 4mm ACM panels)?

**Answer 11:**

A. 3mm aluminum panel.

B. The soffit is 4mm.

**Question 12:**

ACT2 - CertainTeed Techstyle Swing-down tile has been discontinued by the manufacturer. Please provide an approved alternative product to use.

**Answer 12:**

**15/16 square lay in – with 2x6' HUSH Panels, Edge: Square; Colour: Fog; Thickness: 12mm – Grid Armstrong Prelude XL, Colour: Siler Satin, Silver grey, Natural Aluminum (final colour later chosen by consultant)Question 13:**

**Question 13:**

Switchboards Section 264200 .2 Main breaker for the park. .1 Install 100A breaker in Incoming wireway, this breaker is to be service entrance type connected by cable to load side of incoming breaker, this breaker will feed a meter socket to Hydro one Brampton requirements to feed the park loads. This Spec is not typical. Manufacturers can't meet spec. please remove this spec or give more details.

**Answer 13:**

Item 2.3.2 of spec section 264200 shall be deleted.

**Question 14:**

Could you please advise the question below from our distribution supplier?

Refer to Electrical Specifications Section 26 27 00:

- Item 1.5.1 indicates that a 10-year warranty would be sufficient for the SPD, but item 2.1.2.2 indicates that for service entrance equipment that the SPD manufacturer must provide a minimum of 30-year warranty. Please confirm the required warranty for the main switchboard on this project.

Refer to Electrical Specifications Section 26 42 00:

- Item 2.3.1.2 specifies an 800A frame with an 800A trip setting, but the single line diagram on drawing E400, REV.10 specifies an 800A frame with a 700A trip setting. Please confirm the correct trip setting

**Answer 14:**

10 year warranty is acceptable

Contractor to proceed as per SLD with 800A frame c/w 700A trip unit as 100% rated breaker.

**Question 15:**

Could you please advise below regarding lighting fixture?

- As per dwg E201, there is one L3A fixture in Rm1020, which is not included in the lighting schedule. Please clarify.

**Answer 15:**

L3A shall be as follow:

Luminaire type L3A: 120V, 8' long, surface mounted, led luminaire, 62w, 6800 lumens., 3000k, 0-10v dimming driver.

CREE Lighting# LS8-80L-930-R-UL-10V-120V

Lumenpulse, Fluxwerx, Eralux

**Question 16:**

Please can you clarify as per following.

Refer to Electrical Specifications Section 26 27 00:

- Item 1.5.1 indicates that a 10-year warranty would be sufficient for the SPD, but item 2.1.2.2 indicates that for service entrance equipment that the SPD manufacturer must provide a minimum of 30-year warranty. Please confirm the required warranty for the main switchboard on this project.

Refer to Electrical Specifications Section 26 42 00:

- Item 2.3.1.2 specifies an 800A frame with an 800A trip setting, but the single line diagram on drawing E400, REV.10 specifies an 800A frame with a 700A trip setting. Please confirm the correct trip setting.

**Answer 16:**

See Answer 14 in this addendum.

**Question 17:**

SPECIFICATION 09 51 23 ACT-2 is spec'd as a product called Techstyle, which has been entirely discontinued by CertainTeed. This product has no similar equivalent. Please let me know what type we can include?

**Answer 17:**

15/16 square lay in – with 2x6' HUSH Panels, Edge: Square; Colour: Fog; Thickness: 12mm – Grid Armstrong Prelude XL, Colour: Siler Satin, Silver grey, Natural Aluminum (final colour later chosen by consultant)

**Question 18:**

Benches drawing A906

Outside and inside bench details A323

Detail 1 shows overlapping aluminum(I assume this is at the ends of bench sections adjacent to the prefinished fins of the building)

Q- how wide are these overlapping pieces of aluminum?

Q- What finish is the aluminum? (protective clear coat?)

**Answer 18:**

Section 1 does not show aluminium.

The finish on the bench is prefinished steel.

**Question 19:**

Outside Bench area 6 window sections

Stainless steel tube and sloped plate or plates?

Q- What size is the tube?

Q- Whate gauge is the plate?

Q- How is the tube attached to the building?

Q- how many tubes per window section?

**Answer 19:**

Misc metal framing of the bench to be engineered by contractor. Framing shown for design intent.

**Question 20:**

Which is the applicable specification section for the C-MTL pre-finished aluminum panel ceilings?

**Answer 20:**

09 31 00

**Question 21:**

Which is the applicable specification section for the C-TL suspended ceramic tile ceiling?

**Answer 21:**

09 31 00

**Question 22:**

Please provide specification for the custom cut vinyl graphic in the multi-purpose room.

**Answer 22:**

Graphic is part of the environmental cash allowance.

**Question 23:**

Please provide Approved Suppliers - information for  
Division 27 – Communications  
Division 28 – Security  
Division 48- PV

**Answer 23:**

There are no pre-approved suppliers for this project.

All other terms & conditions remain unchanged.

If you have any questions, please do not hesitate to contact the undersigned.

**Bidders are required to acknowledge all Addenda.**

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