

February 4, 2020

ADDENDUM NO. 2 (48 Pages)
REQUEST FOR TENDER ARIBA DOC2190370119
CLOSING (REVISED): 12:00 NOON (LOCAL TIME), FEBRUARY 14, 2020

For: Construction of a Net Zero Energy Childcare Facility, Located at 1234 Weston Road

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

I. REVISIONS:

The question period for this call has been extended to February 6, 2020, 12 PM Noon.

1. Solar panels & system are by cash allowance.
2. For the PV solar system, the external disconnect is the demarcation point of the base building electrical trade's scope. Base building electrical trade is also responsible to provide empty conduits up to the roof.
3. The symbol RTE in the electrical drawing set may be ignored.
4. Refer to City of Toronto Cabling Standard, July 8, 2018, included in Volume 3 of the Tender specification package for cabling requirements, and, to Page 532 of Volume 3 of the Tender Specification package for required IT Rack information.
5. All data and telephone runs are to be run in 21dia. conduit routed directly back to basement IT room.
6. Drawing Cover Sheet "VOLUME 1" & "VOLUME 2", Add to ELECTRICAL Drawing List "ESK-001 200A-347/600V, 3Ø, 4W SINGLE LINE DIAGRAM"
7. Replace the following Architectural Drawings in their entirety:
A705, STAIR DETAILS
A706, STAIR DETAILS
With the appended to this Addendum.
8. Replace the following Electrical Drawings in their entirety:
E-2, SITE PLAN, ELECTRICAL
E-3, LIGHTING LAYOUT, BASEMENT FLOOR PLAN
E-4, LIGHTING LAYOUT, GROUND FLOOR PLAN
E-5, LIGHTING LAYOUT, SECOND FLOOR PLAN
E-9, POWER LAYOUT, SECOND FLOOR PLAN
E-11, DETAILS, RISER DIAGRAM AND SINGLE LINE ELECTRICAL
With the appended to this Addendum.

9. Add drawing "ESK-001 200A-347/600V, 3Ø, 4W SINGLE LINE DIAGRAM" which is appended to this Addendum.
10. Section 00 01 10 – Table of Contents (Volumes 1-3):
Revise the number of pages of 'Electrical Addendum' document appended to Section 01 11 00 – Summary of Work to be 2 pages.
Revise the number of pages of Section 26 50 00 – Lighting to be 6 pages.
11. Section 26 50 00 – Lighting:
Refer to appended Section reissued in its entirety (6 pages).

Reference Drawing: E-2 – SITE PLAN ELECTRICAL

Add: Three (3) conduit rough ins for future EVSE
One (1) EVSE equipment, similar to Charge Point CPF25

Reference Drawing: E-3 – LIGHTING LAYOUT – BASEMENT FLOOR PLAN

Add: Requirement for low voltage and high voltage to have separate raceways or individual wiremould.

Reference Drawing: E-4 – LIGHTING LAYOUT – FIRST FLOOR PLAN

Add: Requirement for low voltage and high voltage to have separate raceways or individual wiremould.

Reference Drawing: E-5 – LIGHTING LAYOUT – SECOND FLOOR PLAN

Add: Requirement for low voltage and high voltage to have separate raceways or individual wiremould.

Add: Circuits for lights type SL900 and G.

Reference Drawing: E-9 – SITE PLAN ELECTRICAL

Revise: Three (3) outlets to recessed wall type.

Reference Drawing: E-11 – DETAILS, RISER DIAGRAM AND SINGLE LINE

Revise: Single line diagram as per the attached ESK-001. This replaces the distribution diagram currently shown on E-11.

Revise: Panel 'DP2B' to be 400A.

Add: One (1) Power quality Monitor. Schneider Electric Ion 7560 or equivalent.

Add: Electrical sub metering points as shown.

Clarification: Building Management System relays shown on single line drawing are to be monitored and controlled by BMS system (controls contractor.) These relays are located in rooms B04 and B05

II. QUESTIONS:

Q1 - Casework Material - Section 06 20 00 references melamine casework (white interiors) with plastic laminate at exposed surfaces. The details (A9.01 to A9.04) indicate the casework to be with veneer core plywood. Note melamine has been specified with a particle board core (06 20 00, item 2.1.9) and is not available with veneer core plywood. Please confirm the intent for the casework is with melamine on particle board core c/w plastic laminate at exposed surfaces as per the specs.

A1 - Comply with the specification, Melamine finished particle core panels. Cabinet carcasses shall be melamine finished panels with plastic laminate on all exposed surfaces.

Q2 - Casework Doors - Plastic laminate on veneer core plywood for doors an acceptable practice per AWMAC standards due to warping. Please confirm the cabinet doors can be constructed using plastic laminate on particle board core.

A2 - Plastic Laminate on MDF core is acceptable for cabinetry doors.

Q3 - Structural drawings were not issued in the tender package, when will these be provided? Bidders will need time to review any changes made from previous tender documents.

A3 - Please see the attached requested drawings.

Q4 - What is the colour for soffit panel SF1?

A4 - SF-1 is to match ACP-1, please refer to 07 42 40.

Q5 - What is the profile for perforated aluminium siding MP-2?

A5 - Profile of MP-2 is to match MP-1.

Q6 - If MP-2 is corrugated siding as shown on the drawings, 3mm thick aluminium is too thick and cannot be rolled into corrugated shape. The maximum thickness they can roll in aluminium is 1.024mm and it is going to be expensive considering the quantity, please advice

A6 - MP-2, Minimum aluminium gauge to be as required by engineering.

Q7 - Please confirm fire retardant coating to all wood structure/deck in all areas or only to wood structure/deck in concealed areas?

A7 - All lumber or wood products in "concealed" areas (above ceilings or soffits) to receive a fire-retardant coating specified in 06 10 00. Lumber or wood products exposed to view shall receive a finish per Section 09 91 00 PAINTING, Table 1.

Q8 - Specification not identify for fire retardant coating to all wood structure/deck, please clarify.

A8 - Refer to Section 06 10 00 ROUGH CARPENTRY. Revise specification Section reference in "FIRE SEPARATION NOTE" No 3 on Drawing A0.06 from "07 81 16" to "06 10 00".

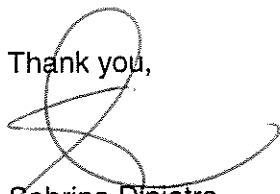
Q9 - Door Schedule is missing the Door Elevations and Frame Type Details, please provide.

A9 - Please see the Corrected pdf of Drawing A10.01 is appended to this Addendum.

Should you have any questions regarding this addendum send via the event message board or contact Max Parker by email at Max.Parker@toronto.ca.

Please attach this addendum to your RFT document and be governed accordingly. Bidders must acknowledge receipt of all addenda on the space provided on the submission form as per the Process Terms and Conditions, Part 1.7 - Addenda, of the RFT document. All other aspects of the RFT remain the same.

Thank you,

A handwritten signature in black ink, appearing to read 'Sabrina DiPietro', with a large, stylized loop at the end.

Sabrina DiPietro
Acting Manager, Construction Services
Purchasing and Materials Management Division