



THE REGIONAL MUNICIPALITY OF YORK

ADDENDUM # 6

BID # RFTC-709-23-22021

DATE: Thursday, November 7, 2024

FOR: Construction of the Warehouse Upgrades at 145 Harry Walker Pkwy

CLOSING DATE: Monday, November 18, 2024 1:00 PM

Bidders are requested to incorporate the changes/clarifications noted below to the above noted Bid Documents in your possession and be governed accordingly.

1. REVISIONS TO ARCHITECTURAL, STRUCTURAL, ELECTRICAL, AND MECHANICAL DRAWINGS AND SPECIFICATIONS

Attachment ***RFTC-709-23-22021 - Addendum 6 - Electrical & Mechanical Revisions*** includes the electrical Addendum "E01" and Mechanical Addendum "M01 and M02" for required revisions to tender documents.

E01 – Includes revisions to the drawings and specifications listed below [Refer to the attached drawings for details]:

Changes to Drawings:

.1 Drawing – E-002 – EV CHARGER SITE PLAN

- i) Refer to attached drawing for roof mounted conduits clarification.
- ii) Refer to attached drawing for EV charger conduits clarifications.
- iii) Added sheet keynote 4.

.2 Drawing- E- 101- EXISTING POWER & SYSTEMS PLAN – MAIN FLOOR

- i) The information has been revised and PP-LAB is existing and not new.

.3 Drawing- E- 102- POWER & SYSTEMS – PUBLIC WORKS

- i) Refer to attached drawing general sheet notes for EV transformer scope of work clarification.
- ii) Added ceiling fans CF-1 and CF-2. Refer to sheet E-102 for specific locations.

.4 Drawing- E- 104- POWER & SYSTEMS – Corporate Services

i) Added ceiling fans CF-3, CF-4, CF-5 and CF-6. Refer to sheet E-104 for specific locations.

.5 Drawing – E-106 – POWER & SYSTEMS PLAN – ELECTRICAL ROOM

i) Refer to attached drawing general sheet notes for new switchboard space constraints.

.6 Drawing- E- 104- POWER & SYSTEMS – Corporate Services

i) Information has been revised and scale to drawing has been added.

.7 Drawing- E-201- PUBLIC WORKS NEW LIGHTING PLAN – MAIN FLOOR

i) Updated FB1 lighting fixtures to fixture A.

ii) Refer to attached drawing general sheet notes.

.8 Drawing- E-202- LIGHTING LAYOUT PUBLIC WORKS LEVEL 2 – MAIN FLOOR

i) Refer to attached drawing general sheet notes.

.9 Drawing- E-204- LIGHTING LAYOUT - MEZZANINE LEVEL

i) Refer to attached drawing general sheet notes.

.10 Drawing- E-306- LIGHTING SCHEDULES

i) Added note 6 and updated note 4 on lighting fixture schedule notes.

ii) Added X3 exit signs to emergency lighting and exit sign schedule.

.11 Drawing- E-308- ELECTRICAL PANEL SCHEDULES 2

i) Added EV chargers to panel DP-EV2.

ii) Added ceiling fans and ceiling fan controls to panel RP-M.

.12 Drawing- E-501- NEW SINGLE LINE DIAGRAM

i) Information has been revised and panels DP-EV3 and EV-4 are now future panels.

M01 – Includes revisions to the drawings and specification listed below [Refer to the attached drawings

Changes to Drawings:

1. Drawing M201. – Plumbing New Layout

a. Additional notation added to clarify new location of the drinking fountain that is being relocated.

i. Sheet Keynote 5: Relocated drinking fountain

2. Drawing M301. - HVAC New Layout

a. Additional demo notes and drawing added to show the removal of the existing ceiling fans and the existing split AC system in the office space.

i. General Demo Note 1: All existing ceiling fans to be removed along with all associated control wiring.

b. Ceiling fans added to warehouse space.

3. Drawing M302 – HVAC New Layout (Cont.)

a. Ceiling fans added to warehouse space.

4. Drawing M400 – Fire Protection Layout Existing – Ground Level

a. Relocated fire hose cabinet and fire extinguisher.

b. Additional notation added to clarify the relocation of the firehose cabinet

i. Sheet Keynote 5: Relocated Fire Hose Closet

5. Drawing M504. – Mechanical Details

- a. Split AC schematic added.
 - i. Detail 4: Split AC Schematic
- 6. Drawing M600. – Mechanical Schedules
 - a. Ceiling Fan Schedule Added.
 - b. Air compressor schedule updated to new selection per client request.
 - c. Split AC schedule updated to clarify selection and connections.

M02 – Includes revisions and addition to the drawings and specification listed below
[Refer to the attached drawings for details]:

Changes to Specifications:

1. Added New Specification 23 25 13.03 -Fume Extractor Extension Arms - Attached
 - a. Specifications from Nederman added to capture the two sizes of fume extraction arms we are showing in the design.
2. Updated Specification 25 05 02.00 -Building Automation System – Attached
 - a. Updated BAS manufacturer to Reliable Controls.

Changes to Drawings:

1. Drawing M301. - HVAC New Layout - Attached
 - a. Updated Model Number for Nederman welding exhaust.
2. Drawing M302 – HVAC New Layout (Cont.) - Attached
 - a. Updated Model Number and size for Nederman Welding Exhaust.
3. Drawing M500 – Control Sequence – Attached
 - a. New Sequences and modified sequences are detailed on Sheet M500
4. Drawing M600 – Mechanical Schedule – Attached
 - a. Updated Note 1 for Indirect Gas Fired Makeup Air Unit controls.

Attachment ***RFTC-709-23-22021 - Addendum 6 - Architectural & Specification Revisions*** includes architectural and structural revisions.

1. ARCHITECTURAL REVISIONS:

1.1. Drawings:

- 1.1.1. A003 – Assemblies Schedule
- 1.1.2. A011 – Proposed Phasing Plan
- 1.1.3. A051 – Proposed Site Plan
- 1.1.4. A101 - Demolition plan-overall first floor
- 1.1.5. A202 – Mezzanine Electrical Room Plan
- 1.1.6. A314 – CS-FMO Mezzanine Stair Section
- 1.1.7. A403 – Roof Access Stair Details

1.2. Specifications:

- 1.2.1. 07 42 43 Insulated Metal Panels
- 1.2.2. 12 50 00 Furniture & Room Accessories

2. STRUCTURAL REVISIONS: Please refer to attached structural addendum SA-001.

2. REVISION TO SPECIFICATION – CONTRACT ITEMS

The wording below replaces item 2 of Addendum 2 for the specification section 10 56 13

SPEC SECTION 10 56 13 DESIGN BASIS FOR THE WAREHOUSE SYSTEMS:

Konstant Complete Storage System and Solutions was used as the basis for the design of pallet racking, multi-level shelving and wire-mesh partitions.

Manufacturer: Konstant

Manufacturer Representative: Dixon Yan

Email: Dixon.yan@konstant.com

Phone: (416) 677-4579.

Bidders should note that equivalents will be acceptable in accordance with section 01 23 00 "Product Substitution Procedures".

3. BIDDERS QUESTIONS AND REGION'S RESPONSES

Question 1:

Millwork RFI

Can the architect provide specification on the millwork finish of millwork tall cabinets. What finish and core is used, is it standard melamine interior/exterior on PB please confirm.

If no colours for the finish have been chosen, please confirm a colour group to allow for competitive pricing or if Laminate please confirm if the colour can be chosen from standard stock colours of Formica or equivalent manufacturer. Since no hardware is specified, is standard hardware acceptable, such as D-Pull's - Richelieu 33205195, Accuride slides, Blum hinges etc.

Answer 1:

There are no millwork cabinets specified for this project.

Question 2:

1. Please provide a list of mandatory trades who work in the building.
2. As per drawing E-002 EV chargers are fed from EV2#6,8,9,11 however those feeds don't show on panel schedule.

3. SLD shows DPEV3 and DPEV4; however, panel schedule is missing for the same, please advise.
4. Primary duct bank and conductor size is missing, please advise.
5. E-108 scale is missing. Kindly confirm it is 1:250.
6. Drawing E-101 shows new panel DP-LAB, I couldn't see on the SLD, please advise.
7. Who is the base building FA contactor?
8. Who is the base building BAS/controls contractor?
9. There was no HVAC demo drawing (M300) in the package although it's mentioned in the drawing list, please advise.
10. Drawing E201 shows fixtures that are tagged FB1. Please confirm if these are fixtures or floor boxes in this area. If fixtures please provide spec/make/model.
11. Please provide a base build communication contact if one is available, if not who is to provide the cable tray on drawing E108?
12. Who is to provide all the High Voltage equipment, cabling, electrical contractor or the client will get the utility company.
13. Please clarify if the Roll Formed Redirack Profile Rack storage system is to be Bolted frame design, or Welded frame design?
14. Does the rack row end sheet steel facia need to be in any specific color? Blue may not match rack Powder coat finish.
15. Row End guards are typically 6" tall or 8" tall Maximum, angle style with tapered ends – not 12" as shown. Please confirm.
16. Please verify maximum loading capacity on each shelf.
17. Please verify floor loading requirements (in aisles of elevated level).
18. Please verify maximum pallet load in the pallet drop location in the elevated area
Note: The design of the smaller 2-tier unit will need to be altered. The row of shelving on the West side as drawing cannot be perpendicular to the rest of the shelving. This is in consideration of the elevated floor design.

19. Blue color (shade) of shelving to be verified.

20. Can a CAD file (.dwg) be made available for the pricing process? We will require layers to show all wire mesh partition, racking and required shelving / 2 tier shelving units. There is a lot of information on the PDF that can be clarified with receipt of the CAD.

21. Please clarify timelines, phase requirement definitions and schedules.

22. For product delivery, will there be access to dock level only? Will there be operational dock levelers?

23. It appears 5 building mounted EV chargers are slated to be mounted on glass. Will you please confirm the mounting detail for it if that is the case, or is this a matter of an omission where the 5 should go in the ground? This also goes for the future stations.

24. Please confirm if we are to come down the building from the roof with conduit to feed the EV stations as per EV drawings.

25. Please confirm if we are to run all our conduits on the roof from the switchboard to the EV transformers as per EV stations. Can we not run the conduit inside the building?

26. Please confirm if we are to provide the exit signs which show on drawing E201 and E203 if so please provide spec/make/model information.

Answer 2:

1. Question is not clear, however, the list below includes some trades of staff that currently work from the existing warehouse:

- Maintenance works – HVAC, plumber, woodworker, Electrician, spray painter, welder
- Mechanics – Forestry equipment, wastewater pumps

2. Revised in item 2-1, E002 and E308 of electrical addendum E01

3. Those are future panels, no need for panel schedules. See drawing item 2-12 and E501 of electrical addendum E01

4. Refer to single line diagram on E501

5. Revised in E-108 of electrical addendum E01
6. This is an existing panelboard, this information is revised in item 2-2 of electrical addendum E01
7. Refer to answer 1d of Addendum 3
8. Refer to answer 6a of addendum 3 and note that all BAS integration to be completed by an authorized Reliable Controls vendor.
9. Refer to answer 1 of addendum 1
10. Refer to item 2-7 of the electrical addendum E01
11. Cable tray and data cabling and fiber cabling is by the contractor. Refer to Appendix C. The contractor may use a competent contractor to complete the work
12. Refer to answer 1e of addendum 4
13. Refer to answer 2(b)(a) of addendum 4
14. Refer to answer 2(b)(b) of addendum 4
15. Refer to answer 2(b)(c) of addendum 4
16. Refer to answer 2(c)(a) of addendum 4
17. Refer to answer 2(c)(b) of addendum 4
18. Refer to answer 2(c) of addendum 4
19. Refer to answer 2(c) of addendum 4
20. Refer to answer 2(d)(a) of addendum 4
21. Refer to answer 2(d)(d) of addendum 4
22. Refer to answer 2(d)(f) of addendum 4
23. Refer to answer S205 for structural support and item 2-1 of electrical addendum E01
24. Refer to answer 3(b) of addendum 4

25. Refer to answer 3(c) of addendum 4

26. Refer to answer 1(a) of addendum 4

Question 3:

Please provide detail for the installation of 'RAS RACK AISLE SIGN'. For example, will it be installed with double-sided tape, or with brackets?

Answer 3:

See drawing A008, RAS RACK AISLE SIGN is a self-adhered architectural vinyl applied onto 22ga. Sheet metal fascia panels at racking aisle ends.

Bidders shall acknowledge receipt of all addenda to this RFTC prior to submitting their Bid. Bids that do not contain evidence of receipt of all addenda will be deemed to be "incomplete" and will not be accepted in the Bidding Website.

This addendum shall remain attached to and form part of the Contract Documents.

Thank you,

Kim Froats

Kim Froats
Procurement Specialist
Procurement Office

Attachments:

- RFTC-709-23-22021 - Addendum 6 - Electrical & Mechanical Revisions
- RFTC-709-23-22021 - Addendum 6 - Architectural & Specification Revisions
- RFTC-709-23-22021 - Addendum 6 - M02 Revisions