



THE REGIONAL MUNICIPALITY OF YORK

ADDENDUM 5

BID NO. RFTC-604-22-10

DATE: March 22, 2023

FOR: Construction of New Paramedic Response Station #32

LOCATION: 53 Jacob Keffer Parkway, Vaughan

REVISED CLOSING DATE: March 28, 2023, 1:00 PM Eastern Standard Time

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

1. CLOSING DATE

The Closing Date for this tender has been extended to March 28, 2023. A subsequent addendum will be posted to address outstanding questions.

2. BID FORM

The value of Line Item CA6 on the table 'Cash Allowance' is revised from \$25,000.00 to \$40,000.00.

3. INSTRUCTIONS TO BIDDERS

The following revision has been made in the Instructions to Bidders. Bidders shall delete Instructions to Bidders in their possession and replace it with the revised version included with this Addendum.

- Item 17. Examination of the Site and Designated Substances Notice
"FSR & Stormwater Management Report dated March 16, 2021, prepared by MGM Consulting Inc." was added to the list of reports.

4. SPECIFICATIONS

The following **revisions** have been made in the Specifications:

DIVISION 00 – PROCUREMENT AND CONTRACTING REQUIREMENTS

Section 00 01 10 Table of Contents

- Deleted reference to:
 - Section 10 21 13 Metal Toilet Compartments
 - Section 22 08 00 Plumbing System Commissioning
 - Section 23 08 00 HVAC System Commissioning
 - Section 25 08 00 Integrated Automation Commissioning

Section 00 30 00 Information Available for Review

- Added reference to Stormwater Management report

DIVISION 06 – WOOD, PLASTICS, AND COMPOSITES

Section 06 40 00 Architectural Woodwork

- Revised to coordinate wood veneers with Section 08 14 00 issued as part of Addendum 3.

DIVISION 07 – THERMAL AND MOISTURE PROTECTION

Section 07 52 16 Styrene Butadiene Styrene (SBS) Modified Bituminous Membrane Roofing

- Sentence 2.1.2 and 2.9.1 revised.

DIVISION 22 – PLUMBING

Section 22 41 01 Plumbing Specialties

- Replace Sentence 2.12.1.1 regarding acceptable manufacturers for thermostatic mixing valves.

DIVISION 23 – HEATING, VENTILATING AND AIR CONDITIONING

Section 23 07 19 Piping Insulation

- Revision to 3.4 Schedules.

DIVISION 25 – INTEGRATED AUTOMATION

Section 25 90 00 Control Specification

- Add Section 1.6, the following:
 - “.7 BAS shall come with copies of all software and licenses required to operate and configure the system. Software shall be the latest version as of substantial completion. Software updates, new versions and patches shall be provided to the Region as they are released free of charge for 2 years from substantial completion.”

DIVISION 25 – INTEGRATED AUTOMATION

Section 25 90 10 Sequence of Operations

- Section to replace previously issued section in its entirety.

DIVISION 32 – EXTERIOR IMPROVEMENTS

Section 32 33 00 Site Furnishing

- Sentence 2.1.2.1 revised to change picnic table specification.

Bidders shall delete the above Specification Sections in their possession and replace them with the revised versions of these Specification Sections included with this addendum.

DIVISION 08 – OPENING

Section 08 71 00 Door Hardware

- Revise sentence 2.5.2.2 as follows:
“.2 Furnish the Cylinders directly to the *Owner*. The *Owner* will rekey the cylinders to their requirement.

DIVISION 28 – ELECTRONIC SAFETY AND SECURITY

Section 28 00 00 Security System

- Revise sentence 1.4.14 to revise the work “locksmith” to “locksmith sub-contractor”.

DIVISION 31 - GENERAL REQUIREMENTS

Section 01 21 00 Cash Allowances

- Revise Cash Allowance CA6 – Building Signage, Sentence 1 as follows:
“.1 Include Supply and Installation of signage mounted on the building exterior and interior as indicated on Drawing 3/A9.1 only.”

5. DRAWINGS

The following **revisions** have been made in the Drawings:

Drawing A2.4 – Site Plan & Site Plan Statistics

- Detail 4/A2.4 revised
- RWL(CH) locations have been shown.

Drawing A2.7 – Site Plan Details

- Detail 12/A2.7 revised.

Drawing A2.8 – Canopy Details/Foundation & Roof Plans

- RWL(CH) locations have been shown.

Drawing A3.2 -Layout – Foundation & Ground Floor

- Revised to clarify slab depression.

Drawing A3.5 – Vehicle Bay, I.T. Room & Crew Area Elevations & Details

- Details 2/A3.5 and 13/A3.5 revised.

Drawing A4.1 – Roof Plan

- RWL(CH) locations have been shown.

Addendum 5

Drawing A9.1 – Floor Finish and Furniture Plan

- Revisions to floor finishes, including specification of tile bases.
- Clarification of epoxy flooring extents on Drawing 1/A9.1.
- Drawing 1/A9.1 revised to show a second leader to the shower threshold in Room 108

Drawing E5 – Security Plan Legend and Details

- Camera added and notation revised from note 2 to note 7.

Drawing E7 – Fire Alarm Plan and Details

- Note 10 and 11 added to drawing.
- Additional fire alarm devices added to drawing at locations indicated.

Bidders shall delete the above Drawings in their possession and replace them with these revised versions of the Drawings included with this addendum.

Drawing A12.1 – Millwork Plans, Elevation and Details

- Notation change on Drawing 10/A12.1 to revise whiteboard notation from WB-1 to WB-2.

Drawing CV-1

- Work related to Tree Removal and Preservation indicated on Drawing CV-1 is to be disregarded.

Drawing E1 – Legend, Schedules and Drawing List

Reference: Emergency Lighting & Exit Schedule

- Delete the requirement for part No. SH0016BR.
- Add clarification for fixture EM3 installed in vehicle bay area: the remote heads located in the Vehicle Bay 109 shall be NEMA 4X rated, Lumacell MQM2NX-LD9 or approved equivalent.

Reference: Electrical Drawing List

- Revise to remove Drawing E12 from the electrical drawing list.

Drawing E2 – Electrical Site Plan and Details

- Bidders shall make the following revision to Drawing E2 in their possession.
 - Add, "Provide one spare 103mm PVC duct in each of Secondary Duct Bank and Generator Duct Bank.
Secondary Duct bank width revised from 490mm to 680mm accordingly.
Generator Duct Bank width revised from 490mm to 680mm accordingly."
 - Delete Note 6 and replace with the following:
"See Drawing 1 on architectural drawing A2.4 for details of concrete pole base."

Drawing L1 – landscape Plan and Details

- One flagpole deleted to match Drawing A2.4.

6. REPORTS

The Reports are amended by the **addition** of the following new report included in this addendum:

- FSR and Stormwater Management Report dated March 16, 2021, prepared by MGM Consulting Inc.

7. BIDDERS QUESTIONS (Q) AND REGION'S RESPONSES (A)

Question 1:

Please provide the list of approved manufactures for the FA devices.

Answer 1:

Please refer to section 5. DRAWINGS of this Addendum. Drawing E7 was revised.

Question 2:

Dwg. A2.4 - the Geo Tech report show pavement design for heavy duty asphalt says subbase as 300 tk (50 mm) crusher run limestone, granular base as 150 mm tk (20 mm) crusher run limestone, 75 mm HL-8, 50 mm HL-3. The dwg A2.4 shows 400 Gr. B type 1, 150 Gra A, 80 HL8, 40HL 3. Which one to follow?

Answer 2:

Please refer to Addendum 3, Answer 1.

Question 3:

Dwg. A2.4 - the Geo Tech report show pavement design for light duty asphalt says subbase as 200 tk (50 mm) crusher run limestone, granular base as 150 mm tk (20 mm) crusher run limestone, 50 mm HL-8, 40 mm HL-3. The dwg A2.4 shows 400 Gr. B type 1, 200 Gra A, 80 HL3, 40HL 3. Please confirm the correct pavement design.

Answer 3:

Please refer to Addendum 3, Answer 1.

Question 4:

Genlink is only available for generic residential/light. Commercial Guardian Series are not available on the industrial series. For a remote monitoring provision, we can provide remote annunciator. Our Genset controller is also compatible with some remote communications protocols such as RS-485 & MODBUS. Please confirm if these provisions are acceptable.

Answer 4:

Please refer to Addendum 1, Answer 4.

Question 5:

Can the Region approve Generac Generator, Model SG150 (9.0 Liter) engine for this project?

Answer 5:

Please refer to Addendum 1, Answer 4.

Question 6:

Can you confirm which pole base detail is required for the new pole lights?

Answer 6:

Please refer to section 5. DRAWINGS of this addendum. Each pole light base is indicated on Drawing A2.4. References are either to 8/A2.7 or 7/A2.7. Each of which is described.

Question 7:

The spec has a section called Wood Composite Fence & Gate. We are unable to see this on the drawing. Could you let us know where it is?

Answer 7:

Please refer to Drawing 1/A2.4. At the south face of the building there is a note 'FENCE REFER TO 6/A2.7'. Go to 6/A2.7. The boards indicated are composite wood.

Question 8:

We would like to request for a two-week extension as there are still a number of questions unanswered and the trades need more time to price the job properly.

Answer 8:

Please refer to section 1. CLOSING TIME.

Question 9:

Can you please extend the closing by 1 week. We have received several requests from sub-trades.

Answer 9:

Please refer to section 1. CLOSING TIME.

Question 10:

The insulation thickness is not specified. Are we to carry two layers of 2" Polyiso. One layer mechanically fastened one layer adhered with asphalt?

Answer 10:

Insulation thickness is determined by required R-value as indicated. Bidders are to provide roofing system that provides actual insulation thickness that satisfies the required R-Value.

Question 11:

Please confirm that alternates are acceptable other than Wattstopper.

Answer 11:

Please refer to Addendum 1, Answer 4.

Question 12:

Please confirm that if the pole for Type M & P is round or square. Please advise

Answer 12:

Type M & P poles shall be round.

Question 13:

- a) Generator- Genlink is only available for Generac Residential/Light Commercial Guardian Series and not available on the industrial series. For a Remote Monitoring provision, we

can provide Remote Annunciator. Our Genset controller is also compatible with some remote communications protocols such as RS-485 & MODBUS. Please confirm if these provisions are acceptable.

- b) We are wondering if you could approve Generac Generator, Model SG150 (9.0 Liter) engine for this project. Please confirm.

Answer 13:

Please refer to Addendum 1, Answer 4.

Question 14:

The environmental soils characterization seems to contradict the bore hole log as it appears to state that topsoil in the southeast corner of the property extends from the existing grade approximately 5.5 mbgs. Bore Hole 10 (appears to be most southeastern BH) shows a layer of approximately 150mm of topsoil. Please advise which is correct/more accurate for pricing purposes.

Answer 14:

For the purposes of this tender, bidders are to reference the Geotechnical Report for soil classifications.

Question 15:

The environmental soils characterization states that there is debris encountered in northeast corner of site, however there is nothing shown of borehole logs in that area. Please clarify.

Answer 15:

Bidders are to review the methodology of each report. One advances boreholes, the other undertakes test pits. Bidders are to review each report in its entirety and, within the context of the proposed work, determine the scope of work related to the existing soil condition.

Question 16:

We refer dwg A2.3 & CV-1. The layout and length of Tree Hoarding shown on dwg A2.3 and CV-1 are different. Which one to follow? The dwg A2.3 show Tree S701 and S702 remain and hoarded. The dwg CV-1 show removal. Please clarify.

Answer 16:

Please refer to section 5. DRAWINGS of this addendum. All work related to Tree Removal and Preservation shall be governed by Drawing A2.3 – TREE INVENTORY / REMOVAL / PRESERVATION PLAN. Any work related to Tree Removal and Preservation indicated on Drawing CV-1 is to be disregarded.

Question 17:

Detail 12/A2.7 - Landscape detail 12 on dwg A2.7 show SW1 around flagpole. Is it cast in place concrete sidewalk or 500x500 paving tile placed on gravel-1? Please confirm.

Answer 17:

The intent is that it is a 500 X 500 paving tile set on gravel. Please refer to section 5. DRAWINGS of this addendum, Drawing A2.7 was revised.

Question 18:

As per the Sheet Waterproofing Spec. section 07 13 26 item 1.3.1, the foundation gets type 2 sheet membrane Damp Proof Course (DPC). But it is not shown on the drawing. Is it required? Please confirm.

Answer 18:

In accordance with Section 07 13 26 - Sentence 1.3.1.1, install 'Sheet waterproof membrane at locations as indicated and as follows:'. Sentence 1.3.1.1.3 notes DPC. In Section 07 13 26 - Sentence 3.3.9, the installation of DPC location is described. The term DPC is not specifically noted in other locations on the drawings. Therefore, DPC is required to be installed only at the locations described in Sentence 3.3.9.

Question 19:

Roofing Spec 07 52 16 item 2.13 mention Expansion Joint. However, it is not found on the drawings. Is it required? If required, please provide the location.

Answer 19:

Specification Section 07 52 16, paragraph 2.2 notes performance/design requirements for the roof system and installation. The reference to expansion joints under 2.13 describes the requirements of this item if required in order to meet the requirements of Paragraph 2.2.

Question 20:

Southeast canopy roof (RT-9) on dwg A4.1 refer rainwater leader detail 5/ A4.1. But the west canopy (RT-9) shown on the same drawing Dwg A4.1 & detail 3/A2.8 do not refer any rainwater leader detail 5/A4.1. Please confirm if west canopy needs rainwater leader or not. If any roof drain is required, please provide the location.

Answer 20:

The west canopy requires a rainwater leader. Refer to Drawings A2.4, A2.8 and A4.1 bearing revision 19 issued as part of this Addendum.

Question 21:

We refer Drawings A4.1, A5.1, A8.2 & A8.3 and request you to confirm the trade responsibility for supply and install Metal Flashing and Coping? Is it by Roofer or Siding Contractor?

Answer 21:

Trade responsibility shall be in accordance with the requirement as of Specification Section 01 10 00, Paragraph 1.7.

Question 22:

The Roofing Spec. 07 52 00 item 2.12 refer walkway pavers. The roof plan A4.1 does not show any pavers. Is it required? Please confirm. If they are required, please provide the layout where pavers are to be installed.

Answer 22:

Walkway pavers are not required on the roof.

Question 23:

We refer dwg E1. The pole manufacture wants to know the fixture type M and P listed on drawing E1- light fixture schedule is round or square. Please confirm the size.

Answer 23:

Please refer to Answer 29 of this Addendum.

Question 24:

We refer dwg E1 - Emergency Lighting & Exit Schedule the first 2 items. Can you please also confirm what part# SHOO16BR is on the battery unit. I asked ABB/Emergi-Lite and they are not familiar with this part number.

Answer 24:

Please refer to section 5. DRAWINGS of this addendum. Drawing E1 was revised.

Question 25:

Requesting an alternate for the trench drains for the Construction of New Paramedic Response Station 32 project. The product is a pre-sloped polymer concrete trench drain of specified width 8 inch with hot dip galvanized or ductile cast iron grates E600 by a firm called Vodaland.

Answer 25:

Please refer to Addendum 1, Answer 4.

Question 26:

Dwg E2 note 4 states Alectra Utilities to supply & install a 3 phase pad mounted transformer. Does it include the transformer base and precast foundation shown on dwg E3 Alectra details 17-108 & 17-108A? Please clarify.

Answer 26:

Contractor is to provide the transformer base and precast foundation as per the Alectra details.

Question 27:

Dwg E2 note 6 states to see detail 4 on dwg A1.5 for concrete pole base. The dwg A1.5 is not issued for this tender. Please clarify.

Answer 27:

Please refer to section 5. DRAWINGS of this addendum. Drawing A2.4 was revised.

From Drawing A2.4, specific detail for each base refer to detail on Drawing A2.7.

Question 28:

Detail 7&8/ A2.7 show the concrete base get prefabricated concrete form. Is it required? Please confirm.

Answer 28:

Details 7/A2.7 and 8/A2.7 indicate the expected built result including the prefabricated forms.

Question 29:

Detail 7& 8/A2.7 show concrete base as 460 mm dia. But the dwg E1 light fixture schedule shows base for pole M&P as 550mm. Which one to follow?

Answer 29:

The 550 mm dimension noted on Drawing E1 is not a diameter dimension. It specifically notes 'above grade'. Regardless, concrete pole details shall be in accordance with references on Drawing A2.4 that indicate details on Drawing A2.7.

Please also refer to Answer 27 of this addendum.

Question 30:

As per detail 14/ A2.7 the garbage enclosure has concrete floor. Please provide the detail of garbage enclosure slab

Answer 30:

Refer to Drawing A2.4, which notes that the enclosure sits on a SW-1 concrete surface. SW-1 details are described in Detail 4/A2.4.

Question 31:

Site Furnishing spec. section 32 33 00 item 2.1.2 specify the Picnic Table manufacture as W.H. Reynolds. But, the detail 6 on drawing L1 states Maglin. Which one to follow?

Answer 31:

Please refer to section 4. SPECIFICATIONS of this addendum.

The Picnic Table shall be manufactured by Maglin as described in Drawing L1. Specification Section 32 33 00 was revised in this Addendum.

Question 32:

Dwg CV-1 ask to remove Curb at both entrance 20.5 & 14.M long. As per dwg A2.2 removal of curb and soft landscaping to the entire length 46.946 M. Which drawing to follow?

Answer 32:

The 46.946 m dimension on Drawing A2.2 identifies the overall width of the property and has been provided to assist bidders with estimation as the property line along that side of the site is broken into two segments. It does not indicate removal extents. On that same drawing, there are two separate notes that indicate removal of soft landscape and curbs for new driveway access. Read in conjunction with information provided on Drawing A2.4 and Drawing CV-1, the associated scope of work related to removals is reasonably described.

Question 33:

Dwg A2.4 shows 1.2M x 3.0 M x 150 mm tk Gas meter concrete pad. It is not shown on L1. Is it required? Please confirm.

Answer 33:

The pad is required in accordance with Drawing A2.4.

Question 34:

The retaining wall detail shown on detail 10/A2.7 is different from the detail shown on CV-3 section 1-1. Which detail to follow?

Answer 34:

Detail 10/A2.7 is clearly a typical detail that is intended to provide bidders with information that communicates the intended result and the required Engineered Submittal AND Engineered sign-off for the site-specific installation. Bidders are encouraged to look at the information on Drawings A2.5, which was specifically created to communicate the site-specific retaining wall installation. Drawing CV-3 is complementary to Drawing A2.5. Bidders are encouraged to review the tender documents in their entirety to gain understanding of the full scope of work.

Question 35:

Detail 5/A2.7 show the paving adjacent to Retaining wall RW-1 is Heavy duty Asphalt. Please confirm all the asphalt in vehicle parking area receive Light Duty Asphalt or not.

Answer 35:

As indicated on Drawing 1/A2.4 and on Detail 5/A2.7, the asphalt surfaces on this project are all Heavy Duty Asphalt. There is no Light-duty asphalt on this project.

Question 36:

Dwg show 600 mm wide dark coloured line attached to retaining wall at east vehicle parking. What is it? Is it 600 mm wide concrete curb placed on finished grade, as shown on detail 5/A2.7? duty Asphalt? Please confirm.

Answer 36:

Please refer to section 5. DRAWINGS.
That is correct. Drawing A2.4 has been revised to reflect this item.

Question 37:

Dwg L1 at the Southeast of the building shows Hand well. What is it? Please provide detail.

Answer 37:

Drawing L1 indicates a Handwell which is an Electrical item that is described on Drawing E2.

Question 38:

Dwg M7.0 shows Concrete pad for Generator. But, Architectural, Civil or Landscape dwgs not showing any concrete pad for Generator. Who supply & install Generator Pad? If it is in this contract or by others? If it is in this contract, please provide slab detail.

Answer 38:

Trade responsibility shall be in accordance with the requirement as of Specification Section 01 10 00, Paragraph 1.7.

Drawing 1/A2.4 identifies the concrete pad for the generator using the notation 'GEN'. The description of 'GEN' is indicated on Drawing 8/A0.2. Additional detail is provided on Drawing 13/A2.6. For clarity, a cross reference to 13/A2.6 has been provided on Drawing A2.4 issued as part of this Addendum.

Question 39:

Dwg CV-2 show dashed lines to north and south of Generator. The dwg L1 shows a continuous line with dots. What is this? Is it a Wood Fence or Guard Rail? Provide detail.

Answer 39:

The dashed lines are part of the CAD file underlay for the Drawing. These lines originate from the Site Plan and represent clearance lines from the generator base. The actual dimension of these clearances shall in accordance with the generator manufacturer recommendations.

Question 40:

Dwg L1 at the entrance of the building shows 4X Flagpole (Refer to Arch dwgs). Arch dwg A 2.4 shows 3 flag Poles only. Is It 3 or 4? Please confirm.

Answer 40:

Three (3) flag poles are to be provided in accordance with Drawing A2.4.

Please refer to section 5. DRAWINGS. Drawing L1 was revised.

Question 41:

Detail 4/A2.4 shows SW1 as 150 concrete slab. But detail 1/L1 shows 125 mm cast in place concrete paving (light broom finish) with 150x 150 WWM. Which detail to follow?

Answer 41:

For the purposes of this Tender, SW1 shall be in accordance with Detail 4/A2.4. All sidewalks shall be constructed in accordance with the City of Vaughan requirements.

Please refer to section 5. DRAWINGS of this addendum. Drawing L1 was revised.

Question 42:

Dwg E2- Note 10 references a handhole. Please advise on any Electrical conduit requirements for the handhole.

Answer 42:

Provide 53 mm direct buried rigid PVC conduit from panel 'C' in electrical room to handhole HH-1.

Question 43:

Electrical drawing E1 drawing list includes Electrical drawings E1 - E12 inclusive. We do not see Electrical drawing E12 included in the tender drawing package, please advise.

Answer 43:

Drawing E12 was issued as part of the approvals process and is **not** part of this tender.

Please refer to section 5. DRAWINGS of this addendum. Drawing A1 was revised.

Question 44:

Detail 1&2 / A3.5 show Stainless Steel countertop with millwork storage above and below. Please provide millwork detail and cross section. If it is Stainless Steel cabinet, please issue specification to approach relevant trade for pricing.

Answer 44:

Refer to Detail 11/A12.2. For clarity, a section reference has been added to Drawing 2/A3.5 issued as part of this Addendum.

Question 45:

Access Corridor 101 Millwork Elevation 10/ A12.1 shows WB-1 & TB-1(assumed Tack Board and White Board). But the Section 10/A12.2 shows Top Cabinet. Which one to follow?

Answer 45:

Please refer to section 5. DRAWINGS of this addendum. Drawing A12.1 has been revised.

Section 10/A12.2 indicates the correct information. We don't see the top cabinet mentioned above. The intent is that there is one whiteboard (WB-2) and one tackboard (TB-1) mounted side by side above a millwork counter noted as RNWY.

Question 46:

Detail 3/ A3.5 Floor plan says: 75x75 steel angle at perimeter c/w Steel Grate ceiling Grate spacing shall be 75 mm on centre. What is it? it is not shown on reflected ceiling Plan A10.1. Also, the same detail a note says: dashed line indicates 100 mm high stainless-steel fascia along perimeter of steel angle top of stainless steel shall be at top of steel angle. It is not clear to understand. Please show detail and extent of the work. Also please provide specification to approach relevant trades to price.

Answer 46:

Please refer to section 5. DRAWINGS of this addendum. Drawing A3.5 has been revised. Please also refer to Answer 48 of this addendum.

Question 47:

The Floor plan detail 1/A3.5 indicate Recessed Grill refer to detail 4/A3.2. Does it mean the sloped doubled lines indicated in vehicle bay (111) receive 3 rows of Recessed Grill as shown on dwg A3.3 East to West? The detail 4/ A3.2 shows 28 mm drop inslab on grade. The Foundation plan S1-01 does not show any 28 mm drop for recessed grill. Is there any Recessed grill in this project? If so, please provide the Specification to approach relevant trades and indicate the location in the Architectural Floor Plan as well as the Structural Foundation Plan with the detail.

Answer 47:

Please refer to section 5. DRAWINGS of this addendum.

Detail 1/A3.5 shows recessed grill to be installed between the two masonry walls as indicated on the drawing. The grille installation will be three (3) 1200 x 1400 sections set into the floor. The slab depression for this item is found on Drawing A3.2 which has been revised and issued as part of this Addendum to show depressions in this location. Yes, there are recessed grilles on this project. Three are in the above noted location and one is located in Vestibule 100. For clarity Drawing A3.5 has been reissued as part of this Addendum. Specification for the grilles is in Section 12 48 16 of the Project Manual.

Question 48:

The Floor plan detail 1/A3.5 indicate Mesh ceiling. Does it mean the sloped doubled lines indicated in vehicle bay 111 receive three (3) rows of mesh ceiling from East to West? The Elevation detail 2/ A3.5 shows Mesh ceiling in from North to South in 2 (two) locations. The reflected Ceiling plan A10.1 does not show any ceiling in vehicle bay room 111. There is no Mesh ceiling specification in the tender document. Is there any Mesh Ceiling in this project? If so, please provide the specification to approach relevant trades and indicate the location on the Reflected Ceiling Plan.

Answer 48:

Please refer to section 5. DRAWINGS of this addendum.

Detail 1/A3.5 notes a mesh ceiling to be installed to the extents indicated on 3/A3.5. For clarity, Drawing A3.5 has been revised and issued as part of this Addendum. The reissued drawing includes an axonometric to clarify the locations. The mesh ceiling does not appear on the reflected ceiling plan as it falls below the cut of the reflected ceiling plan. There is a mesh

ceiling on this project. The material description of the Mesh Ceiling detail is described in details 1/A2.8, 2/A2.8 and 3/A2.8. Drawing A2.8 contains all information required to achieve the intended result.

Question 49:

Dwg A2.8 show Perforated Aluminum Finn detail. This item is not seen anywhere in the specification. Please provide specification to approach relevant trade to price.

Answer 49:

The material description of the Perforated Aluminum Fin detail is described in Detail 8/A2.8. Drawing A2.8 contains all information required to achieve the intended result.

Question 50:

Dwgs A10.1 and A2.8 show Aluminum panel soffit ceiling for both entrance canopies. Aluminum Panel soffit ceiling is not seen in any specification sections. Please clarify and issue Specification.

Answer 50:

As indicated on the drawings, the use of the term soffit is to describe a building element, not a product. Any reference to soffit refers to installations comprised of material systems specified under Specification Section 07 46 16.

Question 51:

Reflected ceiling plan A10.1 does not show any ceiling type for Janitors Closet 115. What is the ceiling type and finish?

Answer 51:

Janitors closet 115 has a mesh ceiling as described on Drawing A3.5. Please also refer to Answer 48 of this addendum.

Question 52:

What type of Rigid Insulation is under the Apron Slab (TA-1)?

Answer 52:

Rigid insulation is not required under Slab TA-1. We are assuming the question relates to the indication of insulation on Drawing S3-01. For the purposes of this tender, the construction of TA-1 shall be in accordance with the Drawings A0.2 and A2.6.

Question 53:

Dwg E2 - Please advise on Electrical requirements for the future Dual Level 2 EV charging station.

Answer 53:

Contractor is to provide breakers in Panel 'C' as shown on drawing E8, handhole HH-1 and conduit as noted in Response to question 46.

Question 54:

Dwg E5 - The CCTV at grid line 13/H is tagged with note 2. Please review and advise if the reference should be to note 7.

Answer 54:

Please refer to section 5. DRAWING of this addendum. Drawing E5 was revised.

Question 55:

Dwg E6 - Please provide specifications for type E3 emergency remote head.

Answer 55:

The remote heads labelled as EM3 are to be connected to battery pack EM3. The remote heads located in the Vehicle Bay 109 shall be NEMA 4X rated, Lumacell MQM2NX-LD9 or approved equivalent.

Question 56:

Dwg E6 - Please clarify emergency remote head types. Symbols for EM1 (single head remote) are labelled EM1 and some as EM2. The same applies the symbols for type EM2 (dual remote head).

Answer 56:

The symbols for the emergency lighting remote heads are shown on the Emergency Lighting and Exit Schedule on Drawing E1. The EM1 identifier on the remote head is intended to indicate that the remote head is connected to Battery Pack EM1. The EM2 identifier on the remote head is intended to indicate that the remote head is connected to battery pack EM2.

Question 57:

What are the floor and wall base finishes for IT room (102), 113 Medical storage (113) and M&E room (114)? The dwg A9.1 show FL-1. Is it for any floor finishes? Please advise what does the FL-1 stands for?

Answer 57:

Please refer to section 5. DRAWINGS of this addendum. Drawing A9.1 has been revised.

Question 58:

There is no Room Finish schedule is in the tender document. Please provide.

Answer 58:

Please refer to section 5. DRAWINGS of this addendum. Drawing A9.1 was revised.

Question 59:

Epoxy Flooring is specified in Specification section 09 67 23, Unable to see this on the drawing. Please indicate the location.

Answer 59:

Please refer section 5. DRAWINGS of this addendum. Drawing A9.1 was revised.

Question 60:

Please refer to Electrical drawing E8 Electrical panel C. Require locations for Electrical vehicle charging stations. Please also advise if there are any electrical rough in is required for future fan coils and condensers.

Answer 60:

Location of vehicle Charging Stations are shown on Drawings A2.4 and Drawing E2.

Question 61:

Please provide proper Telecom / Div 27 drawings. Unable to quote without these drawings as there are too many items open to interpretation.

Answer 61:

No additional drawings will be provided. Bidders are to price the information contained on the drawings read in conjunction with the information contained in the Project Manual.

Question 62:

The Revised Floor finish and furniture plan dwg A9.1 issued with the Addendum 3 shows FL-1 with gray shaded colour to 113 Medical Storage, 114 M&E room, 102 I.T Storage, 115 Janitors Closet, 112 Oxygen Storage & adjacent area in apparatus bay where stainless steel wash station and stainless steel counter top millwork are located. FL1 is not listed in 5. Floor Assemblies - Finishes. Same gray shaded symbol F-HC show coloured surface hardener applied to SOG during slab finishing in Apparatus Bay. Are these listed rooms get surface Hardener or Epoxy Flooring? Please clarify.

Answer 62:

Please refer to section 5. DRAWINGS of this addendum. Drawing A9.1 has been revised.

Question 63:

5- Floor Assemblies - Finishes Legend on the revised floor finish and furniture plan dwg A9.1 issued with the Addendum 3 shows F- SLD and F-EPP-1. But these are not shown on the drawing. Are these floor finishes required anywhere? Please confirm.

Answer 63:

Please refer to section 5. DRAWINGS of this addendum. Drawing A9.1 has been revised.

Question 64:

Detail 3/ on dwg A9.1 show wayfinding Interior Signage. Are these part of cash allowance? Please confirm. If it is not a part of cash allowance, please issue specification to obtain trade pricing. The Cash Allowance 01 21 00 page 2 of 4 CA6 states S&I signage mounted on the building exterior and exterior digital pylon sign.

Answer 64:

Please refer to section 2. BID FORM and section 4. SPECIFICATIONS of this addendum. Cash Allowance specification was revised to include interior signage and the amount was increased.

Question 65:

Spec. section 10 21 13- Metal Toilet Compartment. Not seen on the drawings. Where does this apply? Please clarify.

Answer 65:

There are no products specified in Section 10 21 13 on this project. Please refer to section 4. SPECIFICATION of this addendum. Specification Section 10 21 13 was deleted from the Table of Contents.

Question 66:

The detail 5/A9.2 show solid surface shower stall barrier free framed wall. Solid surface shower stall wall is not shown on any of the floor plan or elevation dwg A11.1. Is it required? Please clarify.

Answer 66:

Detail 5/A9.2 is a typical detail that indicates that a solid surface threshold surround is required at the barrier free showers. Drawing A9.1 specifically cross references the shower in Room 110 to Detail 5/A9.2. The intent was the shower in Room 108 is a mirrored copy of the shower in Room 110.

Please refer to section 5. DRAWINGS of this addendum. For clarity, Drawing A9.1 has been revised to show a second leader to the shower threshold in Room 108.

Question 67:

There is an Oil-Grit Separator specified on the site plan, JF4-2-1. Can you please provide the Stormwater Management Report or the full sizing report for the OGS specified?

Answer 67:

Please refer to section 6. REPORTS of this addendum.

Question 68:

We are unable to obtain pricing for relocating Hydro Pole and Lighting Pole. These items should be carried through cash allowance. Please advise.

Answer 68:

Consistent with previous contracts for similar projects, the relocation of the Hydro and Lighting Pole will not be carried through Cash Allowance.

Question 69:

In lieu of deep footing and foundations was as wet poor soils, can we propose Helical Piles and raise foundation to 1.4 metres below finish floor.

Answer 69:

Please refer to Addendum 3, Answer 3.

Question 70:

The overhead door Spec section 08 36 13 does not call for Feather Friendly Bird Film. Is it required? Please confirm.

Answer 70:

Bird Friendly Film is required at the locations indicated on Drawing A5.1 using the symbol 11 which references the description of the Bird Friendly Film requirements.

Question 71:

Detail 3/A9.1 show there are 3 types of types of Wayfinding interior Door signage. Please advise number of signs for each type.

Answer 71:

Reference to IS-1, IS-2 and IS-3 locations are clearly indicated in Drawing A9.1.

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.

Bid No. RFTC-604-22-10

Addendum 5

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

Thank you,

A handwritten signature in black ink, appearing to read "Michelle Doiron".

Michelle Doiron

Senior Purchasing Analyst, Procurement Office

Attachments:

- RFTC-604-22-10 Bid Form (Revised in Addendum 5)
- RFTC-604-22-10 Instructions to Bidder (Revised in Addendum 5)
- RFTC-604-22-10 Specifications (Revised in Addendum 5)
- RFTC-604-22-10 Drawings (Revised in Addendum 5)
- RFTC-604-22-10 Report (Added in Addendum 5)