



ADDENDUM # 3

Questions and Answers

**Request for Tender
for
NEMT Facility Construction**

Reference Number: 214872

Issue Date: *October 10, 2024*

This Addendum is issued in accordance with RFT Section 3.9 and amends the RFT Documents as set out below.

Such revisions shall become part of the RFT Documents, and shall change the original RFT Documents only in the manner and extent stated.

Ref # Questions and Answers

Q-5	Can we please get a specification for the hollow metal doors and frames. Can we also get a hardware list for the hollow metal doors and frames.
A-5	See Section 2 PRODUCTS below.
Q-6	Are we to supply and install metal liner panels for 100% coverage of the interior walls.
A-6	Yes
Q-7	Can we please get a framing detail for the installation of the metal liner panels for the walls and roof.
A-7	Standard installation details will be acceptable.
Q-8	Will there be a mechanical scope of work for the tender?
A-8	Refer to drawing ME from previous addenda
Q-9	It notes on the drawings that the building area will be excavated to a depth of 4m to find the native clay, this seems a bit excessive however I just wanted to make sure that I read the notes correctly.
A-9	Yes, this is correct. This is due to suspected existing loose backfill, geo report will confirm.
Q-10	Would this be assumed for the parking area depth to excavate 4m of fill also and haul away offsite?
A-10	Yes, this is correct.
Q-11	I could not find any area for the walking path to be possibly relocated to price out. If there is additional detail I can add this into my estimate.
A-11	Walking paths are to the two exit doors.
Q-12	Drawing S102 note F. Heated Structures to have 4" Hi-40 rigid insulation under the entire slab. Is the NEMT Facility considered a "heated structure"?

A-12	Yes, this facility will be heated.
Q-13	Is 4" Hi-40 rigid insulation required under and 4' beyond the footings?
A-13	Not required, as the footing depth will be under frost level
Q-14	Rigid insulation at the frost wall detail. What is the required thickness? What type of insulation is required?
A-14	2" Hi-30
Q-15	Please confirm concrete footings size and foundation wall height.
A-15	Footing size as per drawings. Foundation wall height at 1.2m
Q-16	Please confirm rebar is 2-15mm in footings and 2-15mm at top of wall.
A-16	Yes, as per drawings.
Q-17	What is the meaning of the note "2 layer 15mm hair pin? Are they referring to the 2 legs sticking out or will there be 2 hair pins?
A-17	Hair pins refer to the 2 legs sticking out.
Q-18	Is a Soils Report available for the project?
A-18	Not at the moment, one is being completed and will be available to the successful proponent.
Q-19	Is the electrical contractor to supply a complete fire alarm install price?
A-19	Yes. Provide and connect devices as shown on the floor plans.
Q-20	If so where would they like the fire alarm zones signal and initiating to come from?
A-20	Connect back to the main fire alarm control panel in the main hospital building, this storage building shall be on its on zone.
Q-21	Is there enough room on that existing panel for the added zones, or maybe adding another fire alarm panel in the shed?
A-21	Yes there is enough capacity on the existing FACP
Q-22	Is the fire alarm zone addressable, is there a end of line resistors for each zone or is it a return loop to fire alarm panel.
A-22	Fire alarm system is addressable and end of line resistors at each zone

Q-23 Is the fire alarm also acting as the PA out there as well?

A-23 Yes, the fire alarm is acting as the PA system

Q-24 If so you would require a PA zone? Also if the fire alarm is a return loop then would we require another fire alarm conduit from building to shed location?

A-24 Yes, would require a PA zone

2 PRODUCTS

2.01 REGULATORY REQUIREMENTS

- .1 Steel Fire-Protection Rated Doors, Frames, and Screens: Labelled and listed by an organization accredited by Standards Council of Canada in conformance with CAN/ULC-S104 and CAN/ULC-S105 for ratings indicated.
- .2 Affix appropriate label to each opening indicating the labelling requirement, as follows:
 - .1 At standard size openings: Fire endurance rating.
 - .2 At oversized openings: Unclassified as to fire rating.

2.02 MATERIALS

- .1 Hot dipped galvanized steel sheet: to ASTM A653M, ZF75, minimum base steel thickness in accordance with CSDMA Table 1 - Thickness for Component Parts.
- .2 Reinforcement channel: to CSA G40.20/G40.21, Type 44W, coating designation to ASTM A653M, ZF75.

2.03 DOOR CORE MATERIALS

- .1 Honeycomb: Structural small cell, maximum 25mm kraft paper, minimum 36 kg weight per ream, minimum 16.5 kg/m³ density, and sanded to required thickness.

2.04 ADHESIVES

- .1 Honeycomb Core and Steel Component Adhesive: Heat resistant, spray grade, resin reinforced polychloroprene.
- .2 Polystyrene and polyurethane cores: heat resistant, epoxy resin based, low viscosity, contact cement.
- .3 Lock-seam doors: fire resistant, resin reinforced polychloroprene, high viscosity, sealant/adhesive.

2.05 ACCESSORIES

- .1 Door silencers: single stud rubber/neoprene type.
- .2 Exterior top caps: rigid polyvinylchloride extrusion conforming to CGSB 41-GP-19Ma.
- .3 Fabricate glazing stops as formed channel, minimum 16 mm height, accurately fitted, butted at corners and fastened to frame sections with counter-sunk oval head sheet metal screws.
- .4 Door bottom seal: MMT Acoustix® or approved equal.
- .5 Metallic paste filler: to manufacturer's standard.
- .6 Fire labels: embossed.
- .7 Glazing: See Door Schedule and Section 08 80 50 – Glazing.
- .8 Make provisions for glazing as indicated and provide necessary glazing stops.

2.06 FABRICATION - FRAMES

- .1 Fabricate frames in accordance with CSDMA Recommended Dimensional Standards for Commercial Steel Doors and Frames.

- .2 Fabricate frames to profiles and maximum face sizes as indicated.
- .3 Exterior Frames: 16ga welded thermally broken] type construction.
- .4 Interior Frames: 16ga welded type construction.
- .5 Blank, reinforce, drill, and tap frames for mortised, templated hardware, and electronic hardware using templates provided by finish hardware supplier. Reinforce frames for surface-mounted hardware.
- .6 Protect mortised cut-outs with steel guard boxes.
- .7 Reinforce frames for surface-mounted hardware.
- .8 Prepare door openings for door silencers:
 - .1 Three silencers on strike jamb for single door openings.
 - .2 Two silencers on heads for double door openings.
- .9 Manufacturer's nameplates on frames and screens are not permitted.
- .10 Conceal fastenings except where exposed fastenings are indicated.
- .11 Provide factory-applied touch-up primer at areas where zinc coating has been removed during fabrication.
- .12 Insulate exterior frame components with polyurethane insulation.
- .13 Provide fire labelled frame products for openings requiring fire protection ratings, as scheduled. Test products in conformance with CAN/ULC-S104, CAN/ULC-S106 and list by a nationally recognized agency having factory inspection services and construct as detailed in Follow-Up Service Procedures/Factory Inspection Manuals issued by listing agency to individual manufacturers.

2.07 FRAME ANCHORAGE

- .1 Provide appropriate anchorage to floor and wall construction.
- .2 Locate each wall anchor immediately above or below each hinge reinforcement on hinge jamb and directly opposite on strike jamb.
- .3 Provide 2 anchors for rebate opening heights up to 1520 mm, and one additional anchor for each additional 760 mm of height or fraction thereof.
- .4 Locate anchors for frames in previously placed concrete, masonry or structural steel a maximum 150 mm from top and bottom of each jamb and intermediate anchors at a maximum 660 mm on centre.

2.08 FRAMES - WELDED TYPE

- .1 Perform welding to CSA W59.
- .2 Accurately mitre or mechanically joint frame product and securely weld on inside of profile.
- .3 Cope accurately and securely weld butt joints of mullions, transom bars, centre rails, and sills.
- .4 Grind welded joints and corners to flat plane, fill with metallic paste, and sand to uniform smooth finish.
- .5 Securely attach floor anchors to inside of each jamb profile.
- .6 Weld in two temporary jamb spreaders per frame to maintain proper alignment during shipment.

2.09 FABRICATION – DOORS, GENERAL

- .1 Doors: Swing type, flush, with provision for glass and louvred openings as indicated.
- .2 Exterior Doors: Insulated core construction.
- .3 Interior doors: Honeycomb core construction.
- .4 Laminated Core Doors:
 - .1 Form both face sheets from a sheet of 16-gauge steel.
- .6 Reinforce doors for surface-mounted hardware where required. Provide flush PVC top caps to exterior doors. Provide inverted top and bottom channels to interior doors.
- .7 Provide factory-applied touch-up primer at areas where zinc coating has been removed during fabrication.
- .8 Provide fire labelled doors for openings requiring fire protection ratings, as scheduled. Test such products in conformance with CAN/ULC-S104, listed by a nationally recognized agency having factory inspection services, and construct as detailed in Follow-Up Service Procedures/Factory Inspection Manuals issued by listing agency to individual manufacturers.
- .9 Manufacturer's nameplates on doors are not permitted.

2.10 FABRICATION – DOORS, HONEYCOMB CORE

- .1 Form face sheets for exterior doors from 16ga sheet steel with polyurethane core laminated under pressure to face sheets.
- .2 Form face sheets for interior doors from 16ga sheet steel with honeycomb core laminated under pressure to face sheets.

2.11 FABRICATION - THERMALLY BROKEN DOORS AND FRAMES

- .1 Fabricate thermally broken doors by using insulated core and separating exterior parts from interior parts with a continuous interlocking thermal break.
- .2 Thermal Break: Rigid polyvinylchloride extrusion conforming to CGSB 41-GP-19Ma.
- .3 Fabricate thermally broken frames separating exterior parts from interior parts with a continuous interlocking thermal break.
- .4 Fill frame cavity with low pressure spray-applied polyurethane foam to AAMA 812.

Hardware Specifications to match

1	Continuous Hinge	CFM-SLF-HD1 - 83"	AL
1	Rim Cylinder	21-34	626
1	Mortise Cylinder	21-41 for 16 Prefix	630
1	Electric Latch Retract Exit	16-8804-G	630
1	Door Pull (offset 12")	CBH-6038 - 24" x Mtg 6	630
1	Closer w/ Stop Arm	4041-XP - SRG-CUSH	689
1	Kickplate	903 - 6" x 42" - TEK	630
1	Door Sweep	W13-s x 48"	628/neo
1 set	Weatherstripping	W14-N x 18 ft	628/neo
1	Threshold	CT68 (8"deep) x 4'0"L - (T.B.C.)	719