

INVITATION TO TENDER "ITT" PS20161779

FIREHALL #8

QUESTIONS AND ANSWERS NO.5

February 23, 2017

Q1	Request approval for alternate door control Tormax Automatic TX9200.
A1	Not approved.
Q2	Is this project Phased? If yes can we get some area flow with timelines? Also can we work at multiple project area locations at the same time?
A2	Project is not phased. Working more than one location at once is acceptable, provided advance notice is given and VFRS approval received, for shut downs and isolating areas of the Work.
Q3	Can coring and cutting work be carried out during normal hours, or do we need to do it after hours?
A3	Hours between 11:30 a.m. and 1:30 p.m. are quiet rest time for fire fighters during lunch time, depending on calls coring and cutting is preferred before or after this lunch time.
Q4	Do we need to relocate, cut, and cap any underground site utility services including manholes? Are there any site services related drawings?
A4	Refer to Addendum #1, Item 1.2.6 noting existing underground services cross below the new parking and retaining wall, and locations are to be confirmed prior to design and construction of the retaining wall.
Q5	I am assuming that VFRS shall provide and pay for power, lighting and water as required during the course of construction. Please confirm.
A5	Using the building power and water is acceptable; contractor to provide own construction lighting.
Q6	Drawing E1.0 Note 1. Ground Floor Plan Project Area #1: Please clarify / provide spec. If a new electrical panel is required, please provide spec
A6	Electrician to make reasonable assumptions based on drawings provided and site tour, utilizing outline specifications as reference. The Electrical Engineer will have final determination as to what is 'reasonable'.

Q7	Drawing E1.0 Note 1. Ground Floor Plan Project Area #1: Where are we feeding this new panel from?
A7	Electrician to make reasonable assumptions based on drawings provided and site tour, utilizing outline specifications as reference. The Electrical Engineer will have final determination as to what is 'reasonable'.
Q8	Drawing E1.0 Note 1. Ground Floor Plan Project Area #1: Where will this panel be located?
A8	Electrician to make reasonable assumptions based on drawings provided and site tour, utilizing outline specifications as reference. The Electrical Engineer will have final determination as to what is 'reasonable'.
Q9	Drawing E1.0 Note 1. Ground Floor Plan Project Area #1: From Area #1 what is the approx. Footage to the existing panels A,B (mezzanine level) not indicated on the electrical drawings.
A9	Electrician to make reasonable assumptions based on drawings provided and site tour, utilizing outline specifications as reference. The Electrical Engineer will have final determination as to what is 'reasonable'.
Q10	Drawing E1.0 Note 1. Ground Floor Plan Project Area #1: What is the spec for the new Glass door motors? What all are we doing here, for example just supplying power?
A10	EC to supply power only, assuming a 1P-15A circuit.
Q11	Drawing E1.0 Note 1. Ground Floor Plan Project Area #1: Not sure what the symbol by the doors is (square with a solid circle in the centre)? Not included the symbol legend.
A11	Symbol is a 'button' symbol. EC to assume supply by others and installation by EC.
Q12	Drawing E1.0 Note 1. Ground Floor Plan Project Area #1: On the corridor note labeled existing light fixture see elect. Are we just relocating this outlet box and providing a new fixture?
A12	Electrician to make reasonable assumptions based on drawings provided and site tour, utilizing outline specifications as reference. The Electrical Engineer will have final determination as to what is 'reasonable'.
Q13	Drawing E1.0 Note 2 & Note 3. Demo devices Is there an electrical plan indicating all electrical outlets to be demolished?
A13	No. Site tour was made available for investigation of existing conditions.

Q14	Drawing E1.0 Note 2 Relocate conduit, are there any pictures?
A14	No. Site tour was made available for investigation of existing conditions.
Q15	Drawing E1.0 Note 4. Ground Floor Plan Project Area #1: Is there any other information or pic's re: conduit that needs to be relocated?
A15	No. Site tour was made available for investigation of existing conditions.
Q16	Drawing E1.0 Note 4. Ground Floor Plan Project Area #1: Is there a hand dryer in this washroom?
A16	Not applicable.
Q17	Drawing E1.0 Note 5: what is the exact location of the Medic Truck Parking WP outlet?
A17	Electrician to make reasonable assumptions based on drawings provided and site tour discussions, utilizing outline specifications as reference. The Electrical Engineer will have final determination as to what is 'reasonable'.
Q18	Drawing E1.0 Note 5: Where are we feeding the Medic Truck Parking WP outlets from what panel and its location?
A18	Refer to "Addendum #2" by Boni-Maddison Architects, dated February 23, 2017.
Q19	Drawing E1.0 Note 5: Extension cords (Medic Truck battery Charging/ Internal Heater) need a spec for what is exactly required here.
A19	Electrician to make reasonable assumptions based on drawings provided and site tour, utilizing outline specifications as reference. The Electrical Engineer will have final determination as to what is 'reasonable'.
Q20	New corridor detail project area # 1 what amperage are the door motors?
A20	Refer to A10.
Q21	Drawing E1.0 2nd floor storage Rm / W/C Captain Rm - Is there a hand dryer in the W/C?
A21	Yes. Refer to Project Manual, Building Specifications, Section 10 28 13.
Q22	Specifications for concrete, like MPA need for Slab, retaining wall, flag pole pile.
A22	Refer to Addendum #1.

Q23	Any specific design profile for Exterior aluminum railing and thickness of glass.
A23	Refer to Addendum #1.
Q24	What is the location of panels A&B, on mezz?
A24	Refer to Addendum #2.
Q25	What is the floor to ceiling heights?
A25	Refer to Architectural drawings.
Q26	Is it a 2nd floor dorm. t-bar ceiling?
A26	Refer to Architectural drawings.
Q27	How are cubby lights wired, direct or plugged into a switched receptacle?
A27	Refer to Addendum #2.
Q28	Group ccts for receptacles, any dedicated other than sliding glass doors?
A28	Refer to Addendum #2.
Q29	Is there an existing receptacle outside at Smithe/Hamilton corner?
A29	Refer to A13.
Q30	Is there a fire alarm system and if so what is the manufacture?
A30	Electrician to make reasonable assumptions based on drawings provided and site tour, utilizing outline specifications as reference. The Electrical Engineer will have final determination as to what is 'reasonable'.
Q31	Drawings talk about a lighting control system, please provide a spec.
A31	Electrician to make reasonable assumptions based on drawings provided and site tour, utilizing outline specifications as reference. The Electrical Engineer will have final determination as to what is 'reasonable'.
Q32	There is no EM Lighting or Exits fixtures indicated on the drawings, is this correct?
A32	Electrician to make reasonable assumptions based on drawings provided and site tour, utilizing outline specifications as reference. The Electrical Engineer will have final determination as to what is 'reasonable'.

Q33	What is the existing Electrical Panel manufacture?
A33	Electrician to make reasonable assumptions based on drawings provided and site tour, utilizing outline specifications as reference. The Electrical Engineer will have final determination as to what is 'reasonable'.
Q34	What ae the initials IR (is this a motion switch?) beside switches in W/R 2 nd floor?
A34	Correct.
Q35	Are we to provide any Communication conduit infrastructure?
A35	No.
Q36	2nd floor main Dormitory, are the SA (smoke detectors) 120V or connected to a Fire Alarm Sys?
A36	Smoke alarms are 120V.
Q37	Are all of the Bed plugs, switches & Type AB fixtures new or relocated?
A37	New.

End of Questions and Answers No. 5