

INVITATION TO TENDER "ITT" No. PS20181183
FIRE HALL 17 CONSTRUCTION

QUESTIONS AND ANSWERS NO. 3

ISSUED ON AUGUST 9, 2018

Q3.1	Can you please confirm that site concrete pavement and asphalt outside of existing Firehall building will be removed and disposed by others (NIC)?
A3.1	Refer to revision noted on item A3-4.07, Drawing A1.00 included in Addendum 3.
Q3.2	The composite panel spec indicated that the colour is to be selected by the consultant. Please confirm if this colour is to be selected from the manufacturers standard range.
A3.2	The composite panel colour is to be selected from Standard or Premium range.
Q3.3	On the room finish schedule there are four types of bases listed. We have difficulty to find specifications for B3 and B4. Please advise.
A3.3	Base types B3 & B4 were removed. Refer to item A1-4.02, Drawing A0.06 included in Addendum 1 for revised Room finish schedule.
Q3.4	Steel columns size unknown at GL 2 and GL4 (total 4ea) on drawing S2.01, please advise the size of these columns.
A3.4	Columns at GL2 are size C5 HSS 152x102x6.4 (callout included in Addendum 1) Columns at GL4 are size C4 W 200x46 (as called up on part plan 14 S4.03)
Q3.5	Please advise all columns sizes for detail 3 and 10 on drawing S4.02
A3.5	Columns are size HSS 152x152x6.4 (as called up on plan S2.02, and elevation S3.02 in Addendum 1)
Q3.6	Please advise sloped post sizes for detail 1 on drawing S3.02
A3.6	Sloped posts are size V2 HSS 152x152x6.4 (callout included in Addendum 1)
Q3.7	Please advise all columns sizes for detail 2 and 10 on drawing S3.02
A3.7	Columns sizes added in Addendum 1
Q3.8	Please advise canopy structural details

**INVITATION TO TENDER "ITT" No. PS20181183
FIRE HALL 17 CONSTRUCTION**

QUESTIONS AND ANSWERS NO. 3

A3.8	Canopy information has been added, refer to item A3.4.22, Detail 2/A7.07 included in Addendum 3.
Q3.9	Please advise wall thickness for HSS203x152 (GLA-) and HSS102x102 (GL1) at top of parapet on drawing S2.03
A3.9	Wall thickness 6.4mm (included in Addendum 3)
Q3.10	There are no reinforcing information shown on the drawings for concrete topping. Can you please advise any wire mesh or rebar required for different concrete toppings?
A3.10	Please refer to our General Notes S1.03 under the heading "Non-structural concrete topping on concrete slabs"
Q3.11	On drawing E002 the one line shows distribution panel DP-2A in M/E Level electrical room. However, it does not show on the plan. Please advise where is the location of DP-2A panel?
A3.11	Question addressed in Addendum #1
Q3.12	Is there any specification for the public-address system?
A3.12	Question addressed in Addendum #2
Q3.13	What are the requirements for racks and or cabinets?
A3.13	Racks/Cabinets are not in the scope of the Electrical Contractor. This is an owner supplied and installed item. Racks in Electrical drawings as shown for reference only.
Q3.14	Is any cable required from Com Room 202 to any of the cabinets in IT 203?
A3.14	No cabling required to run between Room 202 and Room 203.
Q3.15	What room are the communication cables to be ran to as the drawings and specifications don't match?
A3.15	Cabling shall be run back to the cabinet in IT Room 203. Refer to Tender Addendum #3.
Q3.16	Are horizontal wire management required?
A3.16	Horizontal wire management for the racks are not required. This is an owner supplied and installed item.
Q3.17	Are vertical wire managers required?
A3.17	Vertical wire management for the racks are not required. This is an owner supplied and installed item.
Q3.18	Are PDU's required?
A3.18	PDU's for the racks are not in the scope of the Electrical Contractor. This is an owner supplied and installed item.

**INVITATION TO TENDER "ITT" No. PS20181183
FIRE HALL 17 CONSTRUCTION**

QUESTIONS AND ANSWERS NO. 3

Q3.19	Are the Security Systems & Security Cabling part of the tender? If yes, please provide specifications that addresses requirements.
A3.19	Question addressed in Addendum #2
Q3.20	Please see attached Elec spec on Photovoltaics note 1.6 .2 , The system requires a specific BIPV KW rating in order to size the correct equipment for pricing. Please advise.
A3.20	Refer to Addendum #3 for updated BIPV target.