

**Projet de poste de recherche et sauvetage de Port Weller
St. Catharines, (Ontario)**

Solicitation Amendment No. EQ715-221099/A - 010

QUESTIONS AND ANSWERS

Q56: Wall type P5, demountable partitions, do they want vinyl covered drywall with demountable aluminum frames? If , specify the vinyl covering, the size of the wall thickness, clear or coloured aluminum for window and door frames.

A56: Refer to specification section 10 22 19 for aluminum finish and for partition thickness. Partition assemblies on floor plan drawings also indicate partition thickness.

- Partition finish to be high pressure laminate fascia to both sides at solid non-glazed portions.
- Laminate to be matte texture; colour to be white to match adjacent paint wall finish.
- Wall base height to match height of adjacent recreated wood wall base at non demountable partition locations.

Q57: Communication Contractors.

- a. We will be quoting on supplying & installing the CAT6 cabling to the data and WAP locations, and RG6 coax cabling to the "TV" locations. Are we also to run CAT6 cabling to the speakers and CCTV cameras locations as well, or will this cabling be done by others?
- b. If we are to run CAT6 cabling to the speakers and CCTV locations, may we assume that the actual supply and install of the speakers and all speaker system components, as well as the cameras and all camera system components, will be by others?
- c. Where do the new CAT6 data cables in the garage terminate back to? I do not see a LAN room/closet location on the drawing (E401).

A57:

- a. Per contract documents, contractor to provide empty conduits complete with pull string only at CCTV camera and speaker locations.
- b. Refer to response for question a.
- c. Data cables in the Garage building shall terminate in the Living Quarters building SSC room telecom rack via below grade duct bank.

Q58: Is there a requirement for a grounding system for the Propane Tank Pad? If so, provide detail.

Q59: Is there a requirement for a grounding system for the Generator? If so, provide detail.

A58 & A59: Yes, there is a requirement for a grounding system for the propane tank pad and for the generator. The contractor shall provide a ground rod, each at the propane tank pad and at generator, complete with #6AWG back to the Garage building electrical room grounding system for final termination.

Q60: E500, Note #8: Please confirm that the conduit required for this is captured in the duct bank details on E100

A60: Yes, the conduit required for low voltage control wiring from ATS-1 to Living Quarters Electrical Room is captured in the duct bank details on E100. Refer to drawings 2/E100 and 4/E100. These low voltage wiring will be installed in the data/communication ducts.

Q61: E500, Note #13: Is this cabling to be installed in the same conduit as the ATS2 to UPS Feed? Is the conduit for the remaining segment of this feed captured in the duct bank details on E100

A61: There is no UPS feed here. The feed from ATS-2 to solar flower is different from Note 13; refer to E100. Refer to 2/E100 and 4/E200 notes that indicate: '1 x 53mm, 1 x 21mm rigid PVC ducts from Main Electrical Room 301 to LQ Electrical Room 105 for solar flower data.'

Q62: In the Main Electrical Room in the Garage Building, there is what appears to be a 400A Disconnect Switch installed ahead of the ATS. Should this be an enclosed circuit breaker with GFI protection?

A62: There is no disconnect switch in front of ATS-1. Refer to drawing 1/E500 single line distribution for power distribution set-up/arrangements.