

EQ715-221099/A – ATT.020
Project No. R.079827.007

Port Weller Search and Rescue Station Project
St. Catharines, Ontario

QUESTIONS AND ANSWERS

Q40: It seems there is contamination in water and soil and quantity is unknown. Could you please consider cost related to haulage of contaminated soil and water under cash allowances?

A40: The objective of the work is not remediation of the site so the quantities of soil to be removed for off-site disposal will only be whatever is required to be excavated for construction purposes in accordance with the design specs for the building foundations, utilities, etc. Based on TCLP testing from 2018, soils on-site are non-hazardous. Since the volume of soil to be removed is not a variable parameter it is to be included in the contractor's lump sum bid. Soil exceedances were not delineated during the 2018 investigation so all excavated soil is to be considered potentially contaminated and removed for offsite disposal during construction. For groundwater, remediation is not the objective of the work so it's only if construction dewatering is required that the water would need to be handled and disposed of as stipulated in the specs. For potential dewatering and water management, limited dewatering will be required as the excavations are mostly quite shallow. Dewatering could be required due to precipitation and poor infiltration of the clayey soils. As this is a variable cost, dependent on weather, site conditions, and duration of earthworks activities, the management of potential contaminated water and dewatering will be included in unit cost table.

Q41: Please refer to quality control, section 01 45 00. Assuming that all cost for third party testing and inspection including for hazardous material will be by Client? Please confirm

A41: Please refer to Spec Section 01 29 83, for a list of inspection and testing that will be paid by Departmental Representative and not part of the construction contract. Also refer to Spec Sections 01 35 13.43 subsection 1.9.8, 02 82 00.02 subsection 3.3 and 02 82 00.03 3.6 for additional testing that will be paid by Departmental Representative and not part of the construction contract.

Q42: Will you consider costs associated with the Local Distribution Company (LDC) or Telecommunication (Telco) company under cash allowance?

A42: Yes, cash allowances for both LDC and Telco will be added. Contractor will need to supply receipts from LDC and Telco companies to get paid against the cash allowance.

Q43: Communications System (Voice / Data / TV / Radio): Confirm whether we are to include for a complete system or only an empty conduit system. Currently, there is only specification and information on the drawings for an empty conduit system. In order to properly price this we require specification and wiring riser diagram for the incoming services, backbone cabling, racks / equipment and horizontal wiring.

A43: Voice/Data: Per contract documents, contractor to provide voice and data outlets, conduit infrastructure, cable tray, and CAT 6 cables to each wireless access point.

TV/Radio: Per contract documents, contractor to provide audio and video outlets, coaxial cables, cable tray, and conduit infrastructure complete with pull string for radio.

Refer to Electrical drawings and specifications for details.

Q44: Security – Door Access: Confirm whether we are to included for a complete system or only an empty conduit system. Currently, there is only information on the drawings for an empty conduit system with no reference to device required on either the drawings or in the hardware schedule. In order to properly price this we require specification and wiring riser diagram for the cabling, devices, racks / equipment.

A44: Include for conduit infrastructure only, complete with pull string as noted in documents.

Q45: Security – CCTV: Confirm whether we are to included for a complete system or only an empty conduit system. Currently, there is only information on the drawings for an empty conduit system with no reference to device required on either the drawings or in the hardware schedule. In order to properly price this we require specification and wiring riser diagram for the cabling, devices, racks / equipment.

A45: Include for conduit infrastructure only, complete with pull string as noted in documents.

Q46: Is there a requirement for a grounding system for the Solar Equipment? If so, provide detail.

A46: Yes, a grounding system for the solar equipment is required. Refer to specification 48 14 00 and drawing 6/E101.

Q47: Will the owner be paying for the Hydro Fees?

A47: Please see answer A42 for clarification.

Q48: The Hardware Schedule shows a Universal Call for Assistance System for the in the Barrier Free Washroom, however, it is not shown on the electrical plans. Confirm if it is required.

A48: Yes, the Universal Call for Assistance System at the Barrier Free Washroom 106 is required.

Q49: Confirm whether the Electrical or Mechanical contractor is to carry the disconnects and starters for mechanical equipment.

A49: It is the responsibility of the General Contractor to ensure that the remote starters and disconnect switches are carried by either the electrical or mechanical contractor.

Q50: In regards to the Demountable Partitions

- Are we quoting 3/8" single glass for the demountable partitions scope?
- Are we quoting clear anodized aluminum finish?
- What's door type B* for door #D203?
- What's door type F* for door #D205?

A50: Glazed portion of demountable partition to be 6.8mm thick clear tempered/laminated glass.

Yes, clear anodized aluminum finish as indicated in specification 10 22 19.

Refer to drawings A022 Door Schedule and A024 Door Types, to be reviewed in conjunction for door types. Door and frame for doors D203 and D205 are part of demountable partition systems.

Q51: Confirm who will be supplying and installing the UPS. It is associated with the PV system and the assumption is that it is in their supply.

A51: Refer to Spec Section 26 33 53 Uninterruptible Power Supply. General Contractor is to carry all sub-contractors needed to complete the scope of work in the Contract Documents.

Q52: Confirm that the Propane Storage Tank for the new Generator is being supplied by the owner.

A52: See drawing A011 Note #6, M101 Construction Notes #9 and E100 Keynote #23 which all state the owner will supply the propane tank, however the contractor is responsible for the delivery of tank/associated parts, installation of the tank, supply line, regulator, and connection to the generator.

Q53: For the solar power generation is there a possibility for us to quote a system using a fixed ground mount?

A53: The Solar power generation is supplied by owner, contractor is not responsible for the supply. Contractor is responsible for requirements related to the installation of the solar power generation equipment; refer to all contract documents. Refer to specification 48 14 00 and drawing 6/E101 for the required grounding system for the solar equipment.

Q54: Also noticed that the RFQ does not have any specifics on the size of the system. Is that something that can be established?

A54: Please see answer A53 for clarification.

Q55: Public Address Confirm whether we are to included for a complete system or only an empty conduit system. Currently, there is only information on the drawings for an empty conduit system. In order to properly price this we require specification and wiring riser diagram for the cabling, devices, racks / equipment.

A55: Include for conduit infrastructure only, complete with pull string as noted in documents.