

Solicitation No. EQ715-221099/A-006

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

QUESTIONS AND ANSWERS

**Q38:** We have looked over the job and I can't seem to find a specification for the communications for this job. Division 27 - Communications only has the telecommunications bonding and grounding and the raceway and no specs for Div 28 – ESS, Is the Communications and security part of this job maybe a cash allowance?

**A38:** As noted in the tender documents, the contractor shall provide a raceway system as specified for voice/data outlets; conduit; cable tray and Cat 6 cables to each wireless access point and devices. There is no security specified for this project, except for conduits for future security provisions at select door locations.

- Refer to drawing E202: Provide conduits at exterior doors and select interior door locations to SSC room, as indicated by keynote #4.
- Refer to drawing 2/E401: Add conduit for future security provisions at each of the two exterior doors.

**Q39:** Is there an insulation specification for the domestic water, sanitary or storm drainage. Could the consultant please confirm they do not plan on insulating these services?

**A39:** For domestic water please refer to Spec section 23 07 19 and the table below taken from the same spec section item 3.6.6:

Application	Temp °C	TIAC code	Pipe sizes (NPS) and insulation thickness (mm)			
			to 1	1-1/4 to 2	2-1/2 to 4	over
Domestic HWS		A-1	25	25	25	38
Domestic CWS with vapour retarder		C-2	25	25	25	25
Cooling Coil cond. drain		C-2	25	25	25	25

Sanitary pipe below the building (underslab piping) does not require insulation. Sanitary piping outside of the building needs to be buried below frost line (1700 mm below grade) as shown in mechanical drawings M-101.

There is no mechanical storm piping in this project. There are rain water leaders at the buildings but they do not require insulation.