

From: [Andrew Bramm](#)
Cc:
Subject: 2101_Sayers_220210_1_RFI Responses
Date: Thursday, February 10, 2022 11:07:13 PM
Attachments: [Table 1 – Ducts and Fittings.pdf](#)

Good Evening,

Have a number of question/responses for Sayers revised tender (220210 - #1):

Question 1: *For this tender, I noticed in the general requirements document that there is an allotment of \$10,000 to be included for signage. The only signage information I see in the tender documents are in "Drawings Issue for Tender pg 12 & 24, but I can't find any of the material specs etc...to quote" Can you confirm what, if any, signage is required?*

Answer 1 – Signage cash allowance is for items listed below. Drawings illustrating intent will be issued as SI during CA:

- Exterior building signage SIG1 & SIG2 indicated on A200;
- Exterior building department address;
- Interior room signage;
- Interior accessibility, equipment, wayfinding signage;

Question 2: *During our first submission, I was wondering about gaining permission to backfill the building with the existing soil (versus importing granular B) being that the site seems to be a generally good mix of native sandy material and several hundred tonnes of limestone screenings that were imported to fill the former basement after the facility was demolition and debris from the fire was removed. This would generate a saving in the cost of importing gran B.*

Answer 2 – Unfortunately NO for the bid as the composition of existing soils cannot be guaranteed.

Question 3: *Can you please confirm the sizes/quantities you're looking for in regards to the conduits for the Well Pump & Sanitary Tank Controls?*

Answer 3 - For the electrical cable, the pump supplier should spec this. For conduit for this cable as well as the Sanitary Tank alarm, 50mm dia should be sufficient. We would accept either PVC or PE duct, provided it meets the attached table (see *Table 1 – Ducts and Fittings*). Note #18 on C-02 to be revised to omit reference to Type DB2 for these applications.

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**TABLE 1
Ducts and Fittings**

Duct and Fitting Description	Type	Direct Buried	Concrete Encased	Subsurface Installation		Embedded Work	Surface Mounted	Standard
				In Ground	In Liner			
PE	Flexible	X	-	-	-	-	-	CSA B137.1 Series 75
ENT	Flexible	X	X	X	X	X	-	CAN/CSA C22.2 No. 227.1
HDPE	Flexible	X	-	X (Note 1)	-	-	-	UL 651A; ASTM F 2160, Schedule 40; and NEMA TC 7 for type EPEC
PVC	Rigid	X	X	X	X	X	X	CSA C22.2 No. 211.2
Polymeric PVC	Rigid	-	X Type DB2	-	-	X Type DB2	-	CSA C22.2 No. 211.1
RTRC	Rigid	X standard or heavy wall (Note 2)	X standard or heavy wall	X standard or heavy wall (Note 2)	X standard or heavy wall	X standard or heavy wall	X standard or heavy wall	CSA C22.2 No. 2515
Galvanized Steel	Rigid	X	-	X	X	-	X	CSA C22.2 No. 45.1

Notes:

1. HDPE duct may be used for subsurface installation for extra low-voltage cables only when ducts are 50 mm diameter or smaller.
2. Heavy wall shall be used when ducts are 100 mm diameter or greater.