

September 3, 2020

Project #1716 – Terra Nova National Park Utility Systems Recapitalization – Phase 2

Addendum #4 – Answers to Questions #3

Questions #3: 0040

- 1) We hereby request an extension until Sept 11, 2020.

Answer: An extension to September 10th, 2020 has been granted.

- 2) I'm requesting a project bid extension to September 10th, 2020 which would be a week extension taking into account the holiday. PCA has added extra components to this project which requires us to get pricing from suppliers which doesn't give them much time.

Answer: An extension to September 10th, 2020 has been granted.

- 3) Is it a scanned copy of a paper bond or is a digital bond with digital signatures required?

Answer: We will accept both.

- 4) Please provide details for item # 11.3 RV filling station?

Answer: Details provided with Addendum #2.

- 5) DWG CW03 indicates hydrant, 1500mm dr 18 pipe, 200x 200 x 150 tee where do bid this item in the contract unit prices?

Answer: In the lump sum item for the Truck Filling Station.

- 6) DWG DW01 – Typical Fire hose box and standpipe assembly?

Answer: Not sure what this question is asking? There is a standpipe next to the fire hose box in all cases. Perhaps the response to question #11 below answers this question as well?

- 7) What is the length of 150 x150 post? Is it encased in concrete?

Answer: Length of post shall 2.4m (8'), 1.2m (4') below ground and 1.2m (4') above ground. No, it does not have to be encased in concrete but shall be pressure treated by means accepted within Section 06 40 00 – "Architectural Woodwork".

- 8) What is the length of the 600mm HDPE infiltration chamber?

Answer: Approximately 2.4m deep, as it needs to be 600mm below the underside of the drain pipe, which shall be at least 1.8m deep but it may vary depending on the depth of the drain pipe and slope of the surface.

- 9) Please provide details of the low point drain outlet?

Answer: Detail for the low point drain is on DW02 “Drain Pipe Detail”, but does not show non-woven geotextile fabric. The dimensions of the R5 Rip Rap surrounding the drain pipe shall be 1.0m x 1.0m and 500mm thick. Please include single layer of non-woven geotextile fabric below the R5 Rip-Rap. The end of the pipe shall also have some type of screen, mesh or check valve to prevent rodents from entering the pipe.

10) Is there an erosion control drawing available?

Answer: No. Erosion control shall be as needed based on slopes, location of stockpiles and conditions in the field at the discretion of the Departmental Representative and PCA Field Unit; especially if working near a stream or waterway or near a slope leading to a waterway. It will certainly be required, but not limited to, the area between Highway 310 and the dead end at Beach Cove in Malady Head, also around any culvert work.

11) What are the pay limits for item 11.1 Service Standpipe and Fire Hose Boxes (Combination) and item 11.2 Water Service Stand Pipes (Stand-Alone)?

Answer: Everything below and above ground as shown on the drawings from the curb stop (ball valve c/w with valve box) upstream of the reducer and tee (shown on the detail of drawing DW01 at the point where the water pipe turns up vertically, including vertical pipe but with the exception of the horizontal underground pipe, which is paid for under a separate unit price. All underground curb stops and ball valves on this detail shall include valve boxes to the surface. Same goes for curb stops/ball valves associated with infiltration chambers and standalone standpipes.

12) We have already started work on quoting the Jib but cannot seem to get additional details on the stainless steel mesh that is required. We are being advised it has to be SS and opening cannot be more than 5.5 mm but no additional information. To be able to source and price, need the

- wire gauge/diameter
- type of mesh – we know it is stainless steel but is it woven or not, square holes, round, diamond shape, etc....
- Thinking a #4 Mesh, Stainless Steel, wire diameter of 0.047” and opening of 0.203” would work but cannot get confirmation

Answer: Minimum 20 gauge, woven stainless steel with square or diamond holes. Just something to prevent rodents from entering the boxes and strong enough to not break or puncture if the fire hose, tool or other object is dropped on it.

13) Can you provide what comprises, to make up, the unit for items 6.1,6.2,6.3,6.4 “Water service Lateral Appurtenances”.

Answer: Service saddle (or tee), main stop, couplings, curb stop, adaptors, valve box, all required to complete both ends of the service connection, excavation/backfill, bedding, and anything else required for the complete water service connection to RV sites, kitchen shelters, washrooms or other buildings. As per item 1.3.6 in Section 01 29 00 “Project Particulars and Measurement”.

This item does not include horizontally laid service pipe as this is paid for under separate unit price items for service pipe.

14) Tender documents do not provide enough information for pricing of the Fire Truck Filling Station Crane Structure. Detailed structural information is required from the Design Engineer for all components of the crane including I-Beam size, Swivel Jib Crane, Pivot Point, Base Plate and Anchor Bolts.

Answer: Updated in Addendum #2.