



Date: February-7-20  
To: Bidders for Norfolk County Bid No. PW-E-20-43  
Simcoe Sanitary Trunk Main Extension  
From: Jeff Demeulemeester, CET, Project Manager, Engineering, Public Works  
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Subject: Addendum No. 2 (5 pages)

## **ADDENDUM No. 2**

This Addendum shall form part of the Contract Documents.  
**The Bidders should acknowledge receipt of this Addendum on the Submission Form – Appendix A.**

**The date of closing of this tender shall be extended by one week from  
Tuesday, February-11-20 to:  
Tuesday, February-18-20**

**1. Question:**

Is there a temporary staging area available at the treatment plant?

**Answer:**

No there is not a temporary staging area available at the treatment plant.

**2. Question:**

Can we have access from the treatment plant for the duration of the project?

**Answer:**

Refer to Appendix H – Item 5 and Addendum No.1, question 5.

**3. Question:**

What is the expectation in terms of keeping the public out of the site? 6' tall fast fence surrounding the site?

**Answer:**

The trail will be closed during the project. The contractor shall determine the most appropriate means for keeping public out of the site. The expectation is

that the Contractor shall leave the site in a safe condition outside of working hours. Leaving open excavations outside of working hours should be avoided. However, it is understood that this may not be possible due to the depth of excavation. All open excavations left outside of working hours shall be left in a safe condition and fenced off. It is expected that any materials used to fence off the excavations will be in good condition, and installed in such a manner to keep people out of the excavation. If the fencing is deemed inadequate by the Engineer, the Contractor shall correct as directed at no additional cost.

**4. Question:**

Limits of clearing – with the larger trees and their root systems, if it's deemed we need to go beyond 10m, is that acceptable?

**Answer:**

The 10m working corridor is a guideline. The intention is to generally follow these limits. However, it is not intended that the 10m would limit the construction of the works in a safe manner. Reasonable tree removal, excavation or installation of dewatering system beyond these limits will be permitted.

**5. Question:**

In general, the drawings indicate a 10.0-meter-wide working area along the existing trail. Is there going to be any forgiveness if there are areas where we need to be wider than the noted 10.0-meter width? We expect the native sand material to not stand up during trench excavation. Along with the dewatering equipment needed for this work, the 10.0 meter working easement does not seem sufficient.

**Answer:**

Refer to the response provided to Question 4 above.

**6. Question:**

This is the second time this project has been out for tender. It is understood that the results from the first closing were over budget. Can you please share the expected budget for this project this time around?

**Answer:**

The budget will not be disclosed for this request for tender.

**7. Question:**

The PTTW expired on December 31, 2018. Is the County going to be re-applying for a new permit? Also, would the County be looking to get a permit with a higher daily limit than the 2,000,000 liters that was noted on the original approved PTTW.

**Answer:**

Norfolk County has applied to renew the 2018 permit. The renewal is based on the Hydrogeological Report submitted in support of the 2018 permit and no changes to the permit are anticipated.

**8. Question:**

SP21 says "*Sanitary sewer main pipe shall be PVC SDR 35 as per OPSS 1841.*" There are some large diameter sewer runs on this project (900mm and 1200mm). Is concrete pipe an acceptable material to use for large diameter Sanitary Sewer on this project?

**Answer:**

The 900mm and 1200mm diameter sanitary sewer pipe shall be reinforced concrete at the Class shown on the drawings.

**9. Question:**

SP20 and SP21 say "*The Contractor shall determine based on the configuration being provided, if an anti-flotation slab is required or not*" and "*Each manhole and associated flotation calculations shall be provided to the engineer.*" Is the contractor to provided calculations for each MH on this project showing that the requirement for an anti-flotation slab is required or not required? Or, is the contractor only required to show the calculations for the anti-flotation slab if one is required? Typically, the requirement for an anti-flotation slab is determined as part of the design and is clearly shown on the drawings. The configuration of the structure, (ex. cone top vs. flat cap and transitions) shouldn't make that much of a difference. We consider that the

design of the anti-flotation slab(s) should be completed by the consultant as part of the design so that all contractors are pricing the same thing.

**Answer:**

The manholes have been checked for buoyancy by the Engineer based on full diameter extending to within 0.3m of the surface and including benching. With this configuration, no anti-flotation slabs are anticipated. However, there are variations with respect to how the manholes can be supplied in a cost-effective manner (ie transition cones and smaller risers). The Contractor may choose to review these variations to provide the most cost-effective bid. If the bid is based on these variations, then buoyancy calculations must be completed by the Contractor as specified to confirm if an anti-flotation slab is required. These calculations would then need to be provided to the Engineer. A factor of safety of 2.0 is required.

**10. Question:**

Item B10a, please provide the length of the existing 450mm sewer and 750mm sewers to be grouted as part of this item as the 750mm sewer isn't shown on the plan (only on the schematic that can't be scaled) and the 450mm sewer is noted as "twin" on the schematic, but not on the plan drawing.

**Answer:**

Refer to Part 5 - Section 5.2. The distance across the Lynn River for the twin 450mm siphons is approximately 50m. The distance of the 750mm sewer is approximately 25m. The Contractor shall be solely responsible for determining the amount of grout required.

**11. Question:**

Item F9 – Please provide a measurement for this item or provide the station limits.

**Answer:**

Refer to Part 5 – Section 5.2. There are portions of the trail that may not be damaged by the construction of the works. The Contractor shall be solely responsible for determining what will be damaged and what will not. The expectation is that all sections of the trail damaged will be fully restored.

**12. Question:**

Is it expected that contaminated soil will be encountered on this project, and if so, can an item be provided for this work or would this be handled thru a Change Order?

**Answer:**

Refer to Attachment 'B' – Geotechnical Report. This is not anticipated and would be considered unforeseen circumstances.

**13. Question:**

Is it expected that contaminated water will be encountered on this project, and if so, can an item be provided for this work or would this be handled thru a Change Order?

**Answer:**

This is not anticipated and would be considered unforeseen circumstances.

End of Addendum