



## Addendum 3

March 26, 2021

### **Tender T21-11 Millard/Sandpiper Watermain Upgrade – Addendum No. 3**

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This addendum forms part of the Tender document and shall be read, interpreted, and coordinated with all other parts. The costs of all work contained herein shall be included in the submission. The following revisions supersede the information contained in the original documents to the extent referenced and shall become part thereof.

#### **Item No. 1 – Questions & Answers**

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1. The site alteration permit indicates “Where it is not feasible to retain archaeological sediments from DkSg-2 within the site, the sediments will be deposited at the Edgett Midden Repository Site where they are to be segregated from other archaeological sediments if at all possible”. Can you confirm where the Edgett Midden Repository Site is located? Will there be a separate rate to haul archaeological sediments vs hauling common unsuitable materials?

*Answer: The Edgett Midden Repository Site is located within the Brown’s River Holdings gravel pit on Duncan Bay Main.*

*No, there will not be a separate haul rate for archeological sediments and common unsuitable materials.*

2. Can you please describe the expected process of clearing the spoil by the archaeologists? This could impact the anticipated crew on-site during the pre-dig. Will the material be excavated, stockpiled on-site and reviewed by the archaeologists prior to off-site disposal? If so, will we need to allow for on-site trucking as part of our crew? Or will all archaeological material be transported directly to the repository site for review? There is potentially a large variance in the amount of on-site time required for the trucks to load and transport archaeological material depending on how it is going to be handled.

*Answer: Tenderer shall assume that the excavated material will be reviewed by the archeologist on-site prior to off-site disposal.*

3. For section 31 23 01 Clause 1.10.9 – “Payment for disposal of unsuitable material includes equipment and labour required to haul material off-site”. Can you confirm this is just trucking and disposal fees? All excavator/grademan time will be captured under SS 1.10.10?

*Answer: SS-1.10.9 (Part A) includes trucking and labor only.*

4. For section 31 23 01 Clause 1.10.12 – “Payment for imported trench backfill will include supply and stockpiling material on-site for later use under item 1.10.11” – can you confirm that this rate only covers supply and delivery fees? All placement costs including loading and transport from the stockpile will be covered under SS 1.10.10?

*Answer: Yes.*

5. Under section 31 23 01 clause 1.10.12 it indicates “Payment for imported trench backfill will include supply and stockpiling material on-site for later use under item 1.10.11”. Item 1.10.11 refers to the “Utility support for excavation”. Can you please confirm?

*Answer: Separate payment will be made if utility pole support is required.*

6. Section 31 23 01 clause 1.10.10 indicates “Rate for on-site crew includes one excavator and operator and any other personnel required to be on-site to complete excavation and backfilling requirements of Part A of the contract, and not included in other unit costs” – is the intent to pay this full rate regardless of crew size and the activity completed? It is difficult to establish a rate as the crew size may change depending on site conditions/sequencing. I expect there will be instances where we are only excavating or only backfilling but for the most part we will want to be excavating and backfilling simultaneously. Can you please confirm the City’s expectation with respect to crew size?

*Answer: The tenderer is expected to make their own assessment of the required crew size to complete the work presented. Having said that and as a minimum, a tenderer should assume that one excavator, one operator, and one laborer will be required.*

7. Is traffic control to be paid as part of the site crew?

*Answer: Yes.*

8. Will the archaeologists need to review spoil from within the trench, is trench shoring required to support their work?

*Answer: No.*

9. Is it a requirement to pre-excavate all trenches, mainline and services, 1.2m wide? Typically we would excavate service trenches to a narrower width and with a smaller machine. If we alter crew size and machine size will the City be looking for revised rates for the On-Site Crew?

*Answer: The pre-excavation trench width shall match the infrastructure installation trench width, to a minimum of 1.2m.*

10. The tender indicates that payment for 1.10.9 & 1.10.12 will be “measured by the trench area and depth provided in the Contract Drawings”. The contract drawings show a vertical trench wall 1200mm wide minimum. Given the variability in the existing soils it may not be possible to maintain a vertical trench wall. Will we be paid based upon actual field measurements or should we assume neat line payment based on a 1.2m trench width and all costs associated with additional disposal and import material as a result of sloughing or required sloping will be the responsibility of the contractor?

*Answer: Tenderer to assume a 1.2 wide trench. Adjustments to the required trench width based on in-situ soil conditions as approved in writing by the Project Engineer will be paid separately.*

11. On drawing C-001 there is a note indicating “certain utility locates will be completed during the pre-excavation”. Under what line item is this paid? Can this be paid by separate line item as this work would be completed with a different crew size than that performing the pre-dig.

*Answer: SS-1.10.10 Rate for On-site Crew.*

12. Is the elevation of the existing 50mm PVC Water known? Are new service expected to go over/under existing 50mm Water Main?

*Answer: The location of the 50mm PVC water main is assumed only.*

13. Note 7, under Restoration of drawing C-001 states “Contractor shall temporarily restore excavations and maintain a smooth rut free surface (Cold Mix) until placing permanent pavement”. The proposed pre-excavation trench detail shows the trench being temporarily restored with imported granular bulk fill. Can you confirm if cold mix will be required to temporarily restore the pre-excavation trench?

*Answer: Part A temporary restoration shall be per the Proposed Pre-excavation Trench Detail on sheet C-301.*

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**Acknowledgement of this Addendum as part of your submission is required.**

**End of Addendum No. 3**

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