



Addendum 2

March 23, 2021

Tender T21-11 Millard/Sandpiper Watermain Upgrade – Addendum No. 2

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 – Amendments to Tender Document

1. REMOVE Schedule of Quantities from Addendum #1 and REPLACE with attached “Schedule of Quantities Rev 1”.

Item No. 2 – Questions & Answers

2. 1.5.7 Saw Cut Asphalt 320LM. I can only find 240LM.

Answer: Quantity updated on attached Schedule of Quantities Rev 1.

3. For the most part, the parking lot to the east is asphalt. Do the saw cutting and the asphalt replacement quantities reflect this?

Answer: The parking lot is gravel as shown in the drawings.

4. 1.10.11 Utility Pole Support for Excavation. How many hours are in a 'day'?

Answer: Pricing should be based on a minimum 8 hour day. No additional payments will be made if the contractor works a longer day and the rate will be pro-rated if the contractor elects to work a shorter day. The contractor is further advised that payment is based on actual time pole support is required and no payment will be made for this item if it is not deemed required for the contract (ie. If the quantity is 0).

5. 1.10.12 Supply and Stockpile Imported Material. Why is the import to be
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stockpiled? Where is it to be stockpiled?

Answer: The import material may require stockpiling based on the contractor's methodology and archeological findings. Stockpile will be a designated area within the project site.

6. Who does the materials testing?

Answer: Materials testing for quality assurance purposes will be completed by the Owner's representative. Quality control is the contractor's responsibility as outlined in the contract.

7. How do we get paid for trucking to the repository?

Answer: Item SS-1.10.9 – disposal of unsuitable material.

8. Will the owner's surveyor post property line at or near the water service tie-ins?

Answer: Yes.

9. 1.4.5 Concrete Driveway Restoration - 150mm thickness. I cannot see a "Replace existing concrete driveway" detail on sheet C-301?

Answer: Detail not provided. Thickness of concrete to be 150 mm thickness and match existing base course conditions (100 mm minimum).

10. 1.4.5 Concrete Driveway Restoration - 150mm thickness. Are we to cut through the middle of the concrete panels or go back to the existing expansion joints?

Answer: Concrete driveway restoration to be cut to existing expansion joints.

11. As discussed at the site visit, are we required to dig up the existing lawns fronting the asphalt and replace with a gravel shoulder?

Answer: Yes. Follow proposed trench-pavement restoration detail on drawing C-301.

12. 1.4.2 Granular Base 75mm thickness (Optional item). Where is this to be used? Will it require any excavation prior to placement? If so, would that be paid for under 1.4.2 Replacement of Unsuitable Subgrade - 230mm Thickness (optional)?

Answer: Additional base may be required to top up to grade prior to asphalt paving or to replace unsuitable road at direction of Owner.

13. Asphalt pavement roadway and roadway optional. Can you please clarify what each line item represents? I cannot make the quantities work either way.

Answer: Asphalt Pavement quantity in base contract represents restoration above trench section only. Optional quantity to road centreline.

14. 1.5.1 Asphalt Pavement Driveway Restoration. Can you please clarify what the outcome was with the comments at the site visit?

Answer: Bid as shown on tender drawings.

15. Do you have a seed specification and seeding rate for this project, ie. What blend of seeds percentage of each seed, mulch specifications and how many pounds (kilograms) per square foot (square meter) of application?

Answer: 4 way perennial rye mixture, 10lbs/100sqft

16. How do we get paid for the tie in at 2 + 28?

Answer: See attached schedule of Quantities Rev 1.

17. In the event that the Contractor cannot continue to work due to unforeseen archeological findings, the contractor may charge a half day's minimum (4 hours) to that day. No other additional payments for stoppage in work will be considered.

The 4 hour charge can only be charged for the day that the contractor was on the site, no payment will be made for subsequent days that the contractor will not be working as a result of archeological finds.

Item No. 3 – Adjustment to Addendum #1 Question

1. Drawing C-001 Waterworks: The notes refer to hydrants as being AVK 2780, Drawing C-301 refers to the hydrants as TC C71P – H105. Which hydrant is to be used?

Answer: The City requires TC C71P – H105 hydrant for this project only.

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

End of Addendum No. 2

**Graham Peterson
Procurement Specialist
City of Courtenay**

REV.1

SCHEDULE OF QUANTITIES & PRICES						
Section	Para		Unit	Quantity	Unit Price	Amount
PART A						
01 53 01		Temporary Facilities				
	SS-1.9.1	Mobilization	Lump Sum	1		
32 12 16		Hot-Mix Asphalt Concrete Paving				
	1.5.7	Saw Cut Asphalt	Lineal Metres	230		
31 11 01		Clearing and Grubbing				
	SS-1.4.2	Clearing and Grubbing	Lump Sum	1		
31 23 01		Excavating, Trenching and Backfilling				
	SS-1.10.9	Disposal of Unsuitable Material including asphalt	Cubic Metres	725		
	SS-1.10.10	Rate for On-site Crew	Hours	80		
	SS-1.10.11	Utility Pole Support for Excavation (Optional)	Days	2		
	SS-1.10.12	Supply and Stockpile Imported Material	Cubic Metres	700		
					Sub Total	
PART B						
01 53 01		Temporary Facilities				
	SS-1.9.1	Demobilization	Lump Sum	1		
03 30 20		Concrete Walks, Curb And Gutter				
	1.4.5	Concrete Driveway Restoration - 150 mm thickness	Square Metres	40		
31 22 16,2		Reshaping Existing Subgrade				
	1.4.2	Replacement of Unsuitable Subgrade- (Optional)	Cubic Metres	25		
31 23 01		Excavating, Trenching and Backfilling				
	1.10.4	Removal and Disposal of AC watermain	Lineal Metres	9		
32 11 16.1		Granular Subbase				
	1.4.2	Replacement of Unsuitable Subbase - 230 mm thickness (Optional)	Square Metres	50		
31 24 13		Granular Base				
	1.4.2	Gravel shoulder (0.5 m wide) - 20 mm base	Square Metres	75		
	1.4.2	Restore gravel driveways / Parking Area (150 mm)	Square Metres	80		
	1.4.2	Granular Base 75 mm thickness (Optional Item)	Square Metres	155		
32 12 16		Hot-Mix Asphalt Concrete Paving				
	SS-1.5.1, 1.5.2	Asphalt Pavement Roadway - 50 mm	Square Metres	400		
	SS-1.5.1, 1.5.2	Asphalt Pavement Roadway - 50 mm (Optional Item)	Square Metres	155		
	SS-1.5.1, 1.5.2	Asphalt Pavement Driveway Restoration - 50 mm	Square Metres	35		
	1.5.7	Saw Cut Asphalt at Centreline of Road (Optional Item)	Lineal Metres	180		
32 12 16		Hydraulic Seeding				
	1.8.2	Hydraulic Seeding	Square Metres	300		
32 17 23		Painted Pavement Markings				
	1.8.2	Permanent Painted Pavement Markings	Lump Sum	1		
33 11 01		Waterworks				
	1.8.1, 1.8.2	Watermain PVC 200 mm diameter, Imported Backfill	Lineal Metres	230		
	1.8.3	In-line Gate Valves 200 mm	Each	1		
	1.8.3	Bend 200 mm diameter 22.5 Degree of Bend	Each	4		
	1.8.3	Bend 200 mm diameter 45 Degree of Bend	Each	1		
	1.8.3	Cap 150 mm diameter	Each	2		
	1.8.4	Water Service Connections 25 mm diam per CSSD Drawing W2c	Each	7		
	1.8.4	Water Service Connections 50 mm diam per Standard Drawings W2d	Each	1		

REV.1

SCHEDULE OF QUANTITIES & PRICES						
<i>Section</i>	<i>Para</i>		<i>Unit</i>	<i>Quantity</i>	<i>Unit Price</i>	<i>Amount</i>
	SS-1.8.14	Hydrant Assembly including system tie ins	Each	3		
	SS-1.8.13	Tie-in at 0+00	Lump Sum	1		
	SS-1.8.13	Tie-in at 2+28	Lump Sum	1		
					Sub Total	
					Total	
					CONTINGENCY (10%)	
					GST	
					GRAND TOTAL	\$ -