

Infrastructure & Operations

REQUEST FOR CONSTRUCTION

Elmsdale Business Park Expansion
RFC50228 - Addendum 2

Release date: February 11, 2019

Tenders will be received up to
3:00:00 pm local time on Thursday, February 21, 2019

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1. Questions

The following questions have been paraphrased by East Hants:

The drawings show a 200mm dia. sanitary main whereas the Tender form states 250mm dia. Please clarify the sizing.

The sanitary main is to be 200mm dia. PVC DR35 pipe and the Schedule of Quantities and Unit prices has been amended accordingly.

2. Additional Information

1. **Provisional Item 21.1** “250mm dia. PVC DR 35” has been added to the Schedule of Quantities and Unit Prices. Bidders are to provide a provisional price for the installation of 115m of 250mm dia. PVC DR 35 pipe on proposed Street D. Should this Provisional Item be applied, the corresponding length (115m) of 200mm dia. PVC DR 35 pipe would be deleted.
2. **Provisional Item 25b** “Connection to Existing Main with Manhole (Street D)” has been added to the Schedule of Quantities and Unit Prices. This item is intended to be used in the event that Provisional Item 21.2 is used and will replace item 25a. This connection is to take place at approximately Station 0+027 on Street D between the existing 200mm PVC stub and the proposed 250mm sanitary main. This item includes supply and installation of a 1050mm diameter manhole.
3. **Item 56** “Mailbox Pad” has been added to the Schedule of Quantities and Unit Prices. A sketch of the location and size of this pad is attached to this Addendum. See below for the item description.
4. The Schedule of Quantities and Unit Prices item numbers 31.1 to 31.5 have been renumbered to eliminate duplicate numbering.

Add the following subsection to Section 01 22 00: Measurement and Payment

56. Mailbox Pad

Unit of Measurement: Each (EA)

This item includes: supply and placement of 150mm thick concrete pad to Canada Post specifications complete with supply and placement of all base gravels and backfill, excavation, and removal and disposal of surplus material.

Delete 00 41 43 Subsection 4 and replace with the following

4. SCHEDULE OF QUANTITIES AND UNIT PRICES

EARTHWORK					
ID	Description	Unit of Measurement	Estimated Quantity	Unit Price	Total Price
1	Clearing	ha	0.5	\$	\$
2	Grubbing	ha	1.9	\$	\$
3	Mass Excavation and Embankment - Common	LS	1	\$	\$
8	Removal and Disposal of Surplus Material - Common	LS	1	\$	\$
9	Pond Capping	LS	1	\$	\$
10a	Exploratory dig for Street D Stub Pipes	LS	1	\$	\$
10b	Geotechnical Inspection	LS	1	\$	\$
Sub Total Earthwork					\$

WATER MAIN					
ID	Description	Unit of Measurement	Estimated Quantity	Unit Price	Total Price
11	Pipe				
.1	300mm PVC DR18	m	585	\$	\$
12	Fire Hydrants	EA	6	\$	\$
14	Direct Buried Valves				
.1	300mm Gate Valve	EA	10	\$	\$
.2	400mm Butterfly Valve	EA	1	\$	\$
15	Services				
.1	Set of Fittings	EA	19	\$	\$
.2	25mm PEXa	m	210	\$	\$
16	Connections to Existing Main				
16a	Street D Connection	LS	1	\$	\$

16b	Street H/Park Road Connection	LS	1	\$	\$
19	Air Release Chamber	LS	1	\$	\$
20	PVC DR18 Pipe Sleeve	EA	5	\$	\$
Sub Total Water Main					\$

SANITARY SEWER					
ID	Description	Unit of Measurement	Estimated Quantity	Unit Price	Total Price
21	Gravity Pipe				
.1	200mm PVC DR35	m	525	\$	\$
.2	250mm PVC DR35 (Provisional)	m	115	\$	\$
23	Manholes				
.1	1050mm Precast Concrete	EA	9	\$	\$
24	Services				
.1	100mm PVC DR28	m	190	\$	\$
25	Connections to Existing Main				
25a	Connection to Existing Main (Street D)	LS	1	\$	\$
25b	Connection to Existing Main with Manhole (Street D) (Provisional)	LS	1	\$	\$
Sub Total Sanitary Sewer					\$



STORM SEWER					
ID	Description	Unit of Measurement	Estimated Quantity	Unit Price	Total Price
31	Pipe				
.1	200mm PVC DR18	m	11	\$	\$
.2	250mm PVC DR35	m	8	\$	\$
.3	300mm PVC DR35	m	8	\$	\$
.4	450mm CSA A257.2 65D	m	5	\$	\$
.5	600mm CSA A257.2 65D	m	8	\$	\$
.6	750mm CSA A257.2 65D	m	8	\$	\$
.7	900mm CSA A257.2 65D	m	32	\$	\$
32	Manholes				
.1	1050mm Precast Manhole	EA	1	\$	\$
36	Connection to Existing Main (Street D)	LS	1	\$	\$
39	Precast Headwall				
.1a	Precast Headwall (300-600mm dia.)	EA	5	\$	\$
.1b	Precast Headwall (750-900mm dia.)	EA	10	\$	\$
40a	Rock Lining				
.1	100-150mm	m ²	400	\$	\$
.2	150-200mm	m ²	80	\$	\$
40b	Geotextile	m ²	500	\$	\$
Sub Total Storm Sewer					\$

STREET CONSTRUCTION					
ID	Description	Unit of Measurement	Estimated Quantity	Unit Price	Total Price
41	Gravels				
.1	Type 1	m ³	1200	\$	\$
.2	Type 2	m ³	3400	\$	\$



.3	Type 1s	m ³	260	\$	\$
43	Asphalt Concrete				
.1	Type C-HF (50mm)	m ²	5000	\$	\$
.2	Type B-HF (50mm)	m ²	1600	\$	\$
.3	Type B-HF (75mm)	m ²	3400	\$	\$
44	Concrete Curb	m	90	\$	\$
47	Guardrail	m	160	\$	\$
52	150mm Minus Well-Graded Rockfill	m ³	5000	\$	\$
53	Street Signs	EA	3	\$	\$
54	Bollards	EA	6	\$	\$
55	Pavement Markings				
.1	Lines	m	60	\$	\$
.2	Stop Bars	m	9	\$	\$
56	Mailbox Pad	EA	1	\$	\$
Sub Total Street Construction					\$

LANDSCAPING					
ID	Description	Unit of Measurement	Estimated Quantity	Unit Price	Total Price
61	100mm Topsoil and Sod	m ²	450	\$	\$
66	Hydroseed and Hay Cover	m ²	1000	\$	\$
Sub Total Landscaping					\$

SUMMARY

SUBTOTAL EARTHWORK	\$ _____
SUBTOTAL WATER MAIN	\$ _____
SUBTOTAL SANITARY SEWER	\$ _____
SUBTOTAL STORM SEWER	\$ _____
SUB TOTAL STREET CONSTRUCTION	\$ _____
SUBTOTAL LANDSCAPING	\$ _____
CONTINGENCY ALLOWANCE	\$ 140,000
ESTIMATED CONTRACT PRICE (EXCLUDING HST)	\$ _____
ADD HARMONIZED SALES TAX (15%)	\$ _____
TOTAL PRICE	\$ _____
TENDERER'S HST REGISTRATION NO.	_____

****** End of Addendum 2 ******

