



ISLAND HIGHWAY 1 SOUTH WATERMAIN REPLACEMENT TENDER 2730-2020

ADDENDUM 1

This addendum shall be read in conjunction with and considered as an integral part of the Tender Contract **2730-2020**. Revisions supersede the information contained in the original Tender Contract **2730-2020** or previously issued Addendum. No consideration will be allowed for any extras due to any Proponent not being familiar with the contents of this Addendum.

Contractors are reminded that the City of Nanaimo Manual & Engineering Standards & Specifications (MoESS) Edition No. 13 was released on **September 14, 2020**. No claims will be considered in relation to contractors not being aware of the current MoESS.

The following changes become effective immediately.

SCHEDULE OF QUANTITIES AND PRICES

REPLACE

Schedule of Quantities and Prices (attached). Changes are noted in **RED**.

1. Item 5.2f) description has changed to “250mmØ 45 Degree”
2. Item 5.2m) – quantity of 1 has been added
3. Add item 5.2n) “200mm Dia. Blind Flange”
4. Add item 5.7e) Tie into ex. 200mm DI STA: 3+083.648 – McKenzie Road
5. Add item 3.8 Coordinate BC Hydro Anchor Relocation

MEASUREMENT AND PAYMENT

ADD:

Section numbers marked with “S” are supplemental and in **bold** are not part of the standard payment clauses utilized by the City of Nanaimo and written specifically for work within this project.

SECTION 3 – GENERAL REQUIREMENTS

Coordinate BC Hydro Anchor Relocation

S3.79

S3.79 COORDINATE BC HYDRO ANCHOR RELOCATION

Upon award of the contract, the successful contractor shall determine if the relocation of the BC Hydro Anchor shown on Dwg 24000, STA 1+014 is required to suit their methodology. If so, the contractor shall advise the Owner and the Owner will set up a walkthrough with BC Hydro and the Contractor to schedule the work.

The Owner will pay all fees from BC Hydro to complete this work.

Payment for the coordination with BC Hydro to relocate the anchor shall be as per the lump sum shown in the tender form. The price shall include meeting with BC Hydro for review of the site, providing a scheduling window for Hydro to do the work, allowing access for the BC Hydro crew to complete the relocation, locates as required, traffic control and site safety in accordance with the Prime Contractor agreement and work incidental thereto.

The price shall include the supply and installation of all equipment, labour, materials, and work incidental thereto, except for restoration and backfilling (if required) which will be paid as per the unit rates in the Tender Form.

QUESTIONS/ANSWERS

Q1. There is no pay item for 250mm joint restraints. Can one be added?

A1. Joint restraints are paid under item 5.3a) regardless of size.

Q2. There is no payment item for the blind flange at the 1+006 connection.

A2. Payment item 5.2N has been added to the schedule of quantities.

Q3. There is no payment item for the connection to existing main piping on McKenzie Road.

A3. Payment item 5.7E has been added to the schedule of quantities.

Q4. Is the contractor to supply the Water meters under 5.13?

A4. The City is not supplying any materials for this project as per Article 29 in the Instructions to tenderers.

Q5. The Appendix 5 provided 2 facilities to accept contaminated soil: Northwin Environmental Ltd and Summit Earthworks. Please provide contact info for Northwin.

A5. The City takes no responsibility for the proposed disposal locations; however, the contact for Northwin Environmental Ltd is:

Brian Fagan
bfagan@northwinenv.com

Q6. Is there one place or spot for temporarily stockpiling of contaminated soil before trucking to disposal facility?

A6. Contractors can select the stockpile area to suit their operations (within reason, roads aren't to be closed etc); however the stockpile area should be within the existing MOTI/City right of way. Contractors should note that moving contaminated materials onto a different property requires additional monitoring/testing/permitting.

The intention of the stockpile and testing is not to determine what can be separated. All material which is excavated from zones A,B,C,D, that has the potential to be contaminated as determined by the Contractors QEP, should be disposed of at the special facilities. The stockpiling and testing is intended only to confirm that the material is within the allowable limits by the accepting facilities.

- Q7. Pay item 4.78 does not mention fees charge by the disposal sites – will these be paid by the City.
- A7. Pay item 4.78 includes everything required to complete the removal and disposal of contaminated materials, including fees.
- Q8. Is there a payment item for onsite monitoring during contaminated soil excavation, soil sampling, testing and reporting?
- A8. This work is incidental to items 4.5a) and 4.5b).
- Q9. Are there payment items to cover the below items:
a) remove and reinstall sign?
b) remove and reinstall no-post barriers?
c) restore trench disturbed pavement markings?
- A9. These items are incidental to surface restoration – See Instructions to Tenderers Article 28.
- Q10. Where is the payment item for the trench dams and drainage pipes?
- A10. Those items are incorrectly called up on the drawings and are concrete encasement blocks as per item 4.4a).
- Q11. Is there a payment item for the relocation of the support anchor noted on Dwg 24000, STA 1+014?
- A11. A payment item has been added to the schedule of quantities and a measurement and payment clause has been added in this addendum.

Date: 2020-OCT-02

ISLAND HIGHWAY 1 SOUTH - WATERMAIN REPLACEMENT

TENDER 2730-2020

SCHEDULE OF QUANTITIES AND PRICES

2020-OCT-02: ADDENDUM 1

Item	M&P	Description	Est.Qty	Units	Unit Price	Total
Section 2 - General Conditions						
2.1	2.70	Location of Works - Project Layout (Article 7) (not to exceed 5% of the total project price)	1	lump sum		
		Total Section 2				
Section 3 - General Requirements						
3.1	3.70	<u>Existing Structures & Utility Works</u>				
		a) Storm, Sanitary and Water	13	no.		
		b) Hydro, Tel, Gas	25	no.		
		c) Watermain tie-in locations	4	no.		
3.2	3.73	Control of Public Traffic	1	lump sum		
3.3	3.74	<u>Removal of Existing Pipe</u>				
		a) 100mm to 300mm (AC)	30	m		
		b) 100mm to 300mm (DI/CI)	10	m		
		c) 100mm to 300mm (PVC)	5	m		
3.4	3.75	<u>Removal of Existing Structures</u>				
		a) Nelson Boxes	12	each		
		b) Hydrants	3	each		
3.5	3.76	<u>Plug to Abandon Existing Pipe</u>				
		a) 150mm	7	no.		
		b) 200mm	6	no.		
3.6	3.77	Utility Pole Hold (Support of Existing BC Hydro/Telus Pole)	5	each		
3.7	3.78	Public Notification	1	lump sum		
3.8	3.79	Coordinate BC Hydro Anchor Relocation (as per Addendum 1)	1	lump sum		
		Total Section 3				

ISLAND HIGHWAY 1 SOUTH - WATERMAIN REPLACEMENT

TENDER 2730-2020

SCHEDULE OF QUANTITIES AND PRICES

2020-OCT-02: ADDENDUM 1

Item	M&P	Description	Est.Qty	Units	Unit Price	Total
Section 4 -Trench Excavation, Bedding and Backfill						
4.1	4.71	Trench Rock Excavation	5	m ³		
4.2	4.72	Overexcavation and Placement of Base Gravel	50	tonne		
4.3	4.73	Imported Granular Fill - 75mm Minus SGSB to BC MoTI 202.02.03	2570	tonne		
4.4	4.74	<u>Concrete and Controlled Density Fill</u>				
		a) Concrete encasement for sanitary crossing - Dwg T-5	2	each		
		b) Protective Slab - Dwg T-6 Alternative 2	16	m ²		
4.4	4.76	<u>Surface Restoration</u> <u>UNTRAVELLED</u>				
		a) Minimum 100mm thickness topsoil and seed <u>TRAVELLED</u>	625	m ²		
		b) Base Gravel - 25mm Minus WGB to BC MoTI 2020.02.02	110	tonnes		
		c) Shoulder Gravel - HFSA to BC MoTI 2020.02.01	180	tonnes		
		d) 100mm thickness of 19mm Medium Mix HMA - BC MoTI 502.08	38	m ²		
		e) 50mm thickness of 16mm Medium Mix HMA - BC MoTI 502.08	435	m ²		
		f) 50mm surface milling and tack coat - HWY 1 Crossing	57	m ²		
4.5	4.78	<u>Contaminated Soils</u>				
		a) Soils management plan	1	lump sum		
		b) Offsite Disposal of Contaminated Soils	1200	tonnes		
		Total Section 4				

ISLAND HIGHWAY 1 SOUTH - WATERMAIN REPLACEMENT

TENDER 2730-2020

SCHEDULE OF QUANTITIES AND PRICES

2020-OCT-02: ADDENDUM 1

Item	M&P	Description	Est.Qty	Units	Unit Price	Total
Section 5 - Water Distribution System						
5.1	5.70	<u>Watermain Pipe</u>				
		a) 200mm Dia. PVC DR14	796	m		
		b) 250mm Dia.. PVC DR14	60	m		
5.2	5.71	<u>Watermain Fittings</u>				
		<u>BENDS</u>				
		a) 200mmØ 11.25 Degree	3	each		
		b) 200mmØ 22.5 Degree	4	each		
		c) 200mmØ 45 Degree	4	each		
		d) 200mmØ 90 Degree	1	each		
		e) 250mmØ 11.25 Degree	2			
		f) 250mmØ 45 Degree (as per Addendum 1)	1			
		<u>TEES</u>				
		g) 200mm x 200mm x 150mm	8	each		
		h) 200mm x 200mm 200mm	1	each		
		i) 250mm x 250mm x 200mm	1	each		
		<u>CROSSES</u>				
		j) 200mm x 200mm x 200mm x 200mm	1	each		
		<u>REDUCERS</u>				
		k) 250mm x 200mm	2	each		
		<u>COUPLINGS</u>				
		l) 200mm Dia.	4	each		
		<u>CAPS</u>				
		m) 200mm Dia. (as per Addendum 1)	1	each		
		n) 200mm Dia. Blind Flange (as per Addendum 1)	1	each		
5.3	5.72	<u>Flange Adaptors and Joint Restraints</u>				
		a) Joint Restraints	50	each		
5.4	5.73	<u>Watermain Gate Valves</u>				
		a) 200mm diameter	15	each		
		b) 250mm diameter	1	each		
5.5	5.75	<u>Hydrant Assemblies</u>				
		a) Hydrant	8	each		
5.6	5.78	<u>Air Valves and Fittings</u>				
		a) 25mm Air Valve (Dwg. W-4)	2	each		
5.7	5.80	<u>Connections to Existing Main Piping</u>				
		a) Tie into ex. 200mm DI (x2) STA:1+006.833	1	lump sum		
		b) Cap south leg of Ex. Cross	1	lump sum		
		c) Tie into ex. 200 PVC STA: 4+008.984 - Melideo Road	1	lump sum		
		d) Tie into existing valve @ Estuary Lane STA: 5+214.893	1	lump sum		
		e) Tie into ex. 200mm DI STA: 3+083.648 - McKenzie Road (as per Addendum 1)	1	lump sum		
5.8	5.80A	<u>Connections to Existing Services</u>				
		a) 19mm dia.	7	each		
		b) 50mm dia.	2	each		
5.9	5.81	<u>Service Connection Pipe</u>				
		a) 25mm dia. PE (c/w blue no. 14 tracer wire)	75	m		
		b) 50mm dia. PE (c/w blue no. 14 tracer wire)	80	m		

ISLAND HIGHWAY 1 SOUTH - WATERMAIN REPLACEMENT

TENDER 2730-2020

SCHEDULE OF QUANTITIES AND PRICES

2020-OCT-02: ADDENDUM 1

Item	M&P	Description	Est.Qty	Units	Unit Price	Total
5.10	5.82	<u>Corporation Stops & Saddle</u>				
		a) 25mm dia. Installation	7	each		
		b) 50mm dia. Installation	2	each		
5.11	5.83	<u>Curb Stops</u>				
		a) 25mm dia. Installation	7	each		
		b) 50mm dia. Installation	2	each		
5.12	5.84	<u>Meter Services Boxes, Box Extensions, and Lids</u>				
		a) #37 Meter Box (300mm x 500mm concrete c/w steel lid)	7	each		
		b) #66 Meter Box (425mm x 750mm concrete c/w steel lid)	2	each		
		c) Remove existing box, install new box in different location	9	each		
5.13	5.85	<u>Touch Read Meters</u>				
		a) 19mm dia. Installation	7	each		
		b) 50mm dia. Installation	2	each		
5.14	5.87S	Wrap Water Main Joints near Sanitary Sewers	2	each		
		Total Section 5				
Section 7 - Stormwater Management						
7.1	7.85	<u>Rip Rap</u>				
		a) Class 10	15	tonnes		
7.2	7.86	Drainage Ditch Construction	30	m		
7.3	7.87	<u>Culverts</u>				
		a) 600mm dia. Conc. C14 CLIII	20	m		
7.4	7.88	<u>Culvert Headwalls</u>				
		a) Sandbag Type "3"	8	each		
		Total Section 7				

ISLAND HIGHWAY 1 SOUTH - WATERMAIN REPLACEMENT

TENDER 2730-2020

SCHEDULE OF QUANTITIES AND PRICES

2020-OCT-02: ADDENDUM 1

Item	M&P	Description	Est.Qty	Units	Unit Price	Total
------	-----	-------------	---------	-------	------------	-------

SUMMARY

Section 2 _____

Section 3 _____

Section 4 _____

Section 5 _____

Section 7 _____

Subtotal - Tender Bid Price _____

GST _____

TOTAL CONTRACT: _____

NAME OF COMPANY: _____

SIGNATURE OF SIGNING OFFICER: _____

DATE: _____