



TENDER 20-01
HIGHWAY 19A PHASE 3 – CIVIL WORKS
ADDENDUM NO. 1

March 6th, 2020

This addendum forms part of the Tender Documents and shall be read, interpreted, and coordinated with all other parts. The costs of all elements contained herein shall be included in the submission. The following revisions, changes, corrections, additions, and or deletions supersede the information contained in the original Documents to the extent referenced and shall become part thereof.

Addendum Item 1 – Questions & Answers

1. Proponent Question:

The groundwater is average 1.5m below ground surface. Sanitary and storm sewer trenches are about 3m deep. Wondering if well-point dewatering system along trench alignment is required to make a dry trench excavation? If it is so, is there one pay item for trench dewatering?

Response:

Based on ground conditions encountered during recently completed sanitary forcemain project within the same project limits and given the time of year that this excavation is to take place, it is not anticipated that ground water will cause any excessive infiltration. Trench drainage is to be dealt with as per MMCD Specification 31 23 01, item 3.3.8. Further to this the Tender Documents include a pay item (Item 3) for MMCD Specification 01 53 01, which includes dewatering as part of Temporary Facilities. Contractors should include the costs for dewatering equipment and execution within this bid item.

2. Proponent Question:

For pay item #65, it is for irrigation sleeve and elec conduit only. Is there one pay item for irrigation system?

Response:

The irrigation system will be delivered under future tender.

3. Proponent Question:

Wondering if message boards, arrow boards and speed readers are required along hwy 19A and / or Rockland Rd?

**CITY OF CAMPBELL RIVER
TENDER 20-01
HIGHWAY 19A PHASE 3 – CIVIL WORKS
ADDENDUM NO. 1**

Response:

The Contractor is to develop his Traffic Management Plan in accordance with the tender documents. Given that it is a requirement to maintain traffic through the project limits during the course of construction, dynamic message boards are not anticipated to be required.

4. Proponent Question:

Is there a staging area designated for temp site facility and storage?

Response:

The City does not have any property near the project site available for these purposes. However, the City will accept the closure of the easterly portion of Rockland Road for the duration of the project to assist for this purpose.

5. Proponent Question:

The typical trench detail (Dwg C13) shows step joints. Wondering if the city's separate paving contract includes cold-milling for step joints? If it doesn't, is there one pay item to cover the cost of grinding?

Response:

Pay item 45a has been added to Appendix 1 Schedule of Quantities and Prices, as attached, and Supplementary Specification 31 23 01 Excavating, Trenching and Backfilling is amended to read:

1.10 Measurement and Payment	.10	(Add Clause 1.10.10 as follows) Payment for the required 200mm lap joint shall be for all work required to satisfy Section 3.6.7.5 of this Section. This work shall be paid for as approved by the <i>Contract Administrator</i> . All work for grinding the lap joint to be completed within 5 <i>Days</i> of paving to ensure the condition of the lap joint is suitable for the permanent pavement restoration.
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6. Proponent Question:

For pay item #5, the quantity is 9 "monthly basis". However, the substantial performance is within 4 months. And what's the scope of work to be involved in this pay item?

Response:

The requirement to achieve Substantial Performance within 120 *Days* is based on the definition as per MMCD General Condition 1.28, which excludes Saturdays, Sundays and Holidays thereby equating to approximately 6 months duration. Should the contractor choose to work on Saturdays, Sundays or Holidays this will be to his benefit and will not be utilized in comparing against the *Baseline Construction Schedule*.

**CITY OF CAMPBELL RIVER
TENDER 20-01
HIGHWAY 19A PHASE 3 – CIVIL WORKS
ADDENDUM NO. 1**

7. Proponent Question:

For sanitary sewer replacement and tie-ins, the by-pass pumping may be needed. Could you provide existing sewer flow rate?

Response:

Model estimates for flow in the branch line of the Sanitary Sewer are as follows:

Average Dry Weather Flow = 0.6 l/s
Peak Wet Weather Flow = 2.4 l/s

Actual flows are subject to variability, and Contractors will be responsible for ensure all flow conditions are accounted for.

8. Proponent Question:

For pay item #19 –flush curb, the unit is “SM”. Normally it is paid by “LM”. Please clarify it.

Response:

Unit of Measure shall be by the lineal metre -LM.

Addendum Item 2 – Updated Tender Documents

The Tender documents have been updated as follows:

- a. The Form of Tender and Appendix 1 Schedule of Quantities and Prices has been revised. Replace the Form of Tender and Appendix 1, with the revised **Form of Tender and Appendix 1A (issued 06Mar20)** as attached. Updated items in Appendix 1A Schedule of Quantities and Prices are highlighted in **yellow**.

End of Addendum

Acknowledgement of this Addendum in your Tender submission is required.

Clinton J. Crook, SCMP, CPSM, CRM
Purchasing & Risk Management Officer

Appendix 1 of this Form of Tender. Our *Tender Price* is based on the estimated quantities listed in the *Schedule of Quantities and Prices*, and excludes *GST*.

3 I (WE) CONFIRM:

3.1 that we understand and agree that the quantities as listed in the *Schedule of Quantities and Prices* are estimated, and that the actual quantities will vary.

4 I (WE) CONFIRM:

4.1 that the following Appendices are attached to and form a part of this tender:

4.1.1 the Appendices as required by paragraph 5.3 of the Instructions to Tenderers - Part II; and

4.1.2 the ***Bid Security*** as required by paragraph 5.2 of the Instructions to Tenderers – Part II stated as:

A tender must be accompanied by the *Bid Security* in the form of:

a a Bid Bond issued by a surety licensed to carry on the business of suretyship in British Columbia in a form reasonably satisfactory to the *Owner*; or

b cash, bank draft or letter of credit in a form acceptable to the *Owner*;

in an amount equal to 10% of the *Tender Price*.

5 I (WE) AGREE:

5.1 that this tender will be irrevocable and open for acceptance by the *Owner* for a period of 60 calendar days from the day following the *Tender Closing Date and Time*, even if the tender of another tenderer is accepted by the *Owner*. If within this period the *Owner* delivers a written notice ("*Notice of Award*") by which the *Owner* accepts our tender we will:

5.1.1 within 10 *Days* of receipt of the written *Notice of Award* deliver to the *Owner*.

Tenderer's Initial Owner's Initial

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- a a Performance Bond and a Labour and Material Payment Bond, each in the amount of 50% of the *Contract Price*, issued by a surety licensed to carry on the business of suretyship in the province of British Columbia, and in a form acceptable to the *Owner*; and
- b a Baseline *Construction Schedule*, as per Supplementary General Condition 4.6.1; and
- c a "clearance letter" indicating that the tenderer is in WCB compliance; and
- d a copy of the insurance policies as specified in GC 24 indicating that all such insurance coverage is in place; and
- e a Health and Safety Program Manual pertaining to the Work;
- f a Traffic Management Plan (TMP) as specified in Supplementary Specification 01 55 00;
- g a Construction Environmental Management Plan (CEMP) as specified in Supplementary Specification 01 57 01

5.1.2 As per General Condition 4.6.6, the Owner shall issue the Notice to Proceed within 14 days of receipt and acceptance of the documentation required under item 5.1.1 above.

5.1.3 within 2 *Days* of receipt of written "*Notice to Proceed*", or such longer time as may be otherwise specified in the *Notice to Proceed*, commence the *Work*.

5.1.4 sign the *Contract Documents* as required by GC 2.1.2.

6 I (WE) AGREE:

6.1 that, if we receive written *Notice of Award* of this *Contract* and, contrary to paragraph 5 of this Form of Tender, we:

6.1.1 fail or refuse to deliver the documents as specified by paragraph 5.1.1 of this Form of Tender; or

Tenderer's Initial	Owner's Initial

6.1.2 fail or refuse to commence the *Work* as required by the *Notice to Proceed*,

then such failure or refusal will be deemed to be a refusal by me (us) to enter into the *Contract* and the *Owner* may, on written notice to me (us), award the *Contract* to another party. I (We) further agree that, as full compensation on account of damages suffered by the *Owner* because of such failure or refusal, the *Bid Security* shall be forfeited to the *Owner*, in an amount equal to the lesser of:

6.1.3 the face value of the *Bid Security*; and

6.1.4 the amount by which my (our) *Tender Price* is less than the amount for which the *Owner* contracts with another party to perform the *Work*.

7 I (WE) DECLARE THAT:

7.1 no person, firm or company other than the undersigned, has any interest in this tender or in the proposed *Contract* for which this tender is made;

7.2 this tender is made without any connection, knowledge, comparison of figures, or agreement with any other company, firm or person making a tender for the same work;

7.3 in tendering for this work, and when called upon to enter into an agreement with the *Owner*, I (we) will be bound to comply with all laws, statutes, and municipal bylaws pertaining to the work. The agreement will be governed by the laws of the province of British Columbia;

7.4 in submitting this tender I (we) did not rely upon any information provided by the *Owner*, or any of the *Owner's* employees or agents, relating to the conditions, contingencies, risks or other circumstances, local or otherwise, which might influence or affect the performance or the cost of the work, including, without limiting the nature of the ground, subsoil, substrata of the work site, the means of access to the work site, the quality, quantity, nature or location of the materials to be furnished or removed in performance of the work, and the conditions under which the labour force will be employed, except the extent that any such information is expressly set forth in the *Contract Documents*. I (we) have relied on our own examination of the work site and have informed ourselves as to all conditions, contingencies,

Tenderer's Initial Owner's Initial

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risks, and circumstances, local or otherwise, which might influence or affect the performance or the cost of the work. I (we) accept the site prior to the signing of the *Contract*.

8 WE AGREE:

8.1 The work shall be completed entirely in 120 *Days* from *Notice to Proceed* (The Designated Completion Period);

8.2 There shall be no exclusion of time from the Designated Completion Period for any reason OTHER than delays clearly attributable to the OWNER, its agents, employees or any Authorized Representatives.

9 I (WE) DECLARE THAT:

9.1 I (we) recognize that the lowest or any tender will not necessarily be accepted; and

9.2 I (we) recognize that the *Owner* reserves the right to reject all tenders or to accept the tender which best suits its long term objectives; and

I (we) recognize that the *Owner* reserves the right to accept or reject all or part of this Tender at any time during the period specified by paragraph 5.1 of this Form of Tender.

10 I (WE) DECLARE THAT:

10.1 I (we) do not (or any related company) have any family, ownership, and operating relationships with the City of Campbell River, or any elected official, staff or other officials holding public office in the City of Campbell River and agree that the Owner reserves the right to reject any tender that may be perceived to be in a conflict of interest.

11 I (WE) DECLARE THAT:

11.1 In this tender:

(a) "Related Party of the Tenderer" means:

- an officer or director of the Tenderer;
- a shareholder of the Tenderer;
- a corporation with a shareholder or director who is also a shareholder or director of Tenderer;

(b) "Public Authority" has the same meaning as under the Community Charter.

Tenderer's Initial Owner's Initial

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11.2 I (we) hereby declare that neither the Tenderer nor a Related Party of the Tenderer:

- (a) has had a bid bond or performance bond retained or claimed against;
- (b) has breached a contract for works or services with the *Owner* or other Public Authority in British Columbia;
- (c) has been engaged in a legal action against the *Owner* or another Public Authority in British Columbia, or the elected or appointed officers and employees of the *Owner* or that other Public Authority, in relation to:
 - any other contract for works or services;
 - any matter arising from the exercise of the *Owner's* or the other Public Authority's powers, duties or functions under the Community Charter, Local Government Act or other enactment;
- (d) has been charged or convicted of an offence in relation to the performance of a contract for works or services with the *Owner* or other Public Authority;

within five years of the closing date of this Tender.

Tenderers who are unable to truthfully complete this declaration must provide full particulars of the relevant circumstances. Submission of a false declaration is grounds for rejection of a tender.

11.3 I (we) hereby declare that the *Owner* may in its absolute discretion reject a Tender submitted by a Tenderer if the Tenderer or a Related Party of the Tenderer:

- (a) has had a bid bond or performance bond retained or claimed against;
- (b) has breached a contract for work or services with the *Owner* or other Public Authority in British Columbia;
- (c) has been engaged in a legal action against the *Owner* or another public authority in British Columbia, or the elected or appointed officers and employees of the *Owner* or that other public authority, in relation to:
 - any other contract for works or services;
 - any matter arising from the exercise of the *Owner's* or the other public authority's powers, duties or functions

Tenderer's Initial Owner's Initial

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under the Community Charter, Local Government Act or other enactment;

- (d) has been charged or convicted of an offence in relation to the performance of a contract for works or services with the *Owner* or other Public Authority;

within five years of the closing date of this Tender.

11.4 I (we) hereby declare that in determining whether to reject a tender the *Owner* will consider whether:

- (a) the legal action is likely to affect the Tenderers ability to work with the *Owner*, its consultants and representatives, and;

whether the *Owner's* or other public authority's experience with the Tenderer indicates that the *Owner* is likely to incur increased costs including but not limited to staff and legal costs in the administration of this contract if it is awarded to the Tenderer.

12 I (WE) AGREE THAT:

12.1 I (we) agree that if any director, officer or employee, agent or other representative of a Tenderer makes any representation or solicitation to the Mayor, any Councillor, officer or employee of the City of Campbell River, other than those specifically designated in the Tender documents, with respect to this Tender, whether before or after the submission of the Tender, the City shall be entitled to reject or not accept the Tender.

Tenderer's Initial Owner's Initial

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MY (OUR) ADDRESS is as follows:

(Full Legal Name of Corporation, Partnership or Individual)

(address)

(city, province) (postal code)

Phone: _____

Fax: _____

E-mail: _____

This Tender is executed this _____ day of _____,
2020.

(Printed Name)

(Authorized Signatory)

Tenderer's Initial Owner's Initial

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Appendix 1A (issued 06Mar20)

SCHEDULE OF QUANTITIES AND PRICES – GST EXCLUDED

(See paragraph 5.3.1 of the Instructions to Tender – Part II)

(All prices and Quotations including the Contract Price shall include all Taxes, but shall not include GST, GST shall be shown separately)

Item	MMCD Ref.	Description	Unit	Quantity	Unit Price	Amount
01 - GENERAL REQUIREMENTS						
<u>Supplementary Specifications 3.1</u>						
1	3.1.e	Mobilization & Demobilization, shall not exceed 10% of the Total Price, excluding GST	LS	1		
<u>01 33 01 Project Record Documents</u>						
2	1.8.1	Prepare and Submit Project Record Drawings	LS	1		
<u>01 53 01 Temporary Facilities</u>						
3	1.9.1	Sanitary Facilities, Site Storage, Loading and Hoardings	LS	1		
<u>01 55 00 Traffic Control, Vehicle Access and Parking</u>						
4	1.6.1	Traffic Control, Vehicle Access and Parking	LS	1		
5	1.6.2	Maintenance of the Travelled Way (monthly basis)	EA	9		
<u>01 57 01 Environmental Protection</u>						
6	1.6.1	Prepare for Approval a Construction Environmental Management Plan (CEMP)	LS	1		
7	1.6.2	CEMP Implementation, Maintenance, Monitoring and Reporting	EA	9		
Sub-Total Page 9:						\$

Tenderer's Initial Owner's Initial

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Item	MMCD Ref.	Description	Unit	Quantity	Unit Price	Amount
02 - SELECTIVE SITE DEMOLITION						
8	1.9.1	Concrete and/or masonry foundations (<i>Optional Work</i>)	CM	30		
9	1.9.2	Miscellaneous Culverts, Pipe Sewers and Drains	LM	730		
10	1.9.3	Cleaning and backfilling of existing ditches (all depths and widths)	LM	375		
11	1.9.4	Removal of Asbestos Concrete (AC) Pipe	LM	1200		
12	1.9.5	Removal of manholes and catch basins (all types and sizes)	EA	23		
13	1.9.6	Removal of cable, telus or BC Hydro duct banks (all types)	LM	75		
14	1.9.7	Removal of Fences and Guard Rails	LM	60		
15	1.9.8	Removal of Existing Site Furnishing (all types, including concrete pads)	EA	11		
03 - CONCRETE						
<u>03 30 20 Concrete Walks, Curbs and Gutters</u>						
16	1.4.3	Barrier Curb and Gutter Includes Transition and Reverse Gutter	LM	2060		
17	1.4.3	Rollover Curb and Gutter - Includes Transition and Reverse Gutter.	LM	1070		
18	1.4.3	Roundabout Apron Curb	LM	78		
19	1.4.3	Flush Curb Along Seawalk - 300mm wide	LM	1270		
20	1.4.4	Hand formed curb or curb and gutter (<i>Optional Work</i>)	LM	20		
21	1.4.5	Roundabout Apron Concrete Infill - 200mm Thick, Including Granular Base, Sidewalk Finish	SM	230		
22	1.4.5	Concrete Sidewalk, Median Infill, and Boulevard Infill - 100mm Thick, Including Granular Base	SM	2775		
23	1.4.6	Driveway Let-down - As per Std. Drawing C7 (up to 6m wide)	EA	9		
24	1.4.6	Driveway Let-down - As per Std. Drawing C7 (greater than 6.0 and less than 12m wide)	EA	12		
25	1.4.8	Adjust Existing Catch Basin	EA	6		
Subtotal Page 10:						\$

Tenderer's Initial Owner's Initial

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Item	MMCD Ref.	Description	Unit	Quantity	Unit Price	Amount
		<u>03 30 53 Cast-In-Place Concrete</u>				
26	1.5.6	Cast-In-Place Reinforced Retaining Wall - Including Excavation, Formwork, Drain Holes, Reinforcement, Subgrade Preparation, Expansion Joints and Backfill	LM	208.1		
27	1.5.7	Cast-In-Place Reinforced Storm Outfall - Including Excavation, Formwork, Reinforcement, Drain Holes, Subgrade Preparation, Expansion Joints, Flap Gate, Grating, Riprap, Backfill and Restoration	EA	2		
		<u>03 40 01 Precast Concrete</u>				
28	1.4.2	Allan Block Wall - Includes Excavation, Subgrade Preparation, Construction of the Wall, backfill and required geotextile materials	SM	190		
29	1.4.4	No Post Barriers - MoTI SP941-01.01.02	EA	12		
30	1.4.6	Precast Concrete Curbs	EA	40		
		<u>26 42 13 Cathodic Protection</u>				
31	1.8.1	Cathodic Protection Systems - 8kg Anode, Supply and Install (Optional Work)	EA	15		
32	1.8.1	Cathodic Protection Systems - 16kg Anode, Supply and Install (Optional Work)	EA	15		
		<u>26 56 01 Roadway Lighting</u>				
33	1.9.1	Supply and Install Post Top Streetlight - Lumec Domus (DMS60) Luminaire a top 6.0m pole, base and connections	EA	34		
34	1.9.1	Supply and Install Decrotative Davit Streetlight - 108/72 W LED Type 2 Luminaire c/w 9.0m pole, base and connections	EA	26		
35	1.9.1	Supply and Install Street Light Ducting, Wiring and Terminations	LM	2470		
Sub-Total Page 11:						\$

Tenderer's Initial Owner's Initial

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CITY OF CAMPBELL RIVER
TENDER 20-01
HIGHWAY 19A PHASE 3 – CIVIL WORKS
FORM OF TENDER

Item	MMCD Ref.	Description	Unit	Quantity	Unit Price	Amount
		31 - EARTHWORKS				
		<u>31 11 01 Clearing and Grubbing</u>				
36	1.4.2	Clearing and Grubbing	LS	1		
		<u>31 11 41 Shrub and Tree Preservation</u>				
37	1.3.1	Tree Preservation	EA	7		
		<u>31 22 01 Site Grading</u>				
38	1.4.1	Rough Site Grading - Includes Topsoil Stripping, Cut and Fill excavation, and On-site Stockpiling for Redistribution (Optional Work)	CM	500		
		<u>31 22 16 Reshaping Granular Roadbed</u>				
39	1.4.2	Reshape Existing Roadbed	Tonnes	400		
40	1.4.2	Additional Granular Base (Optional Work)	Tonnes	200		
41	1.4.5	Asphalt Restoration Preparation (Driveways)	SM	76		
42	1.4.6	Gravel Driveway Restoration - All Thicknesses	SM	100		
		<u>31 23 01 Excavating, Trenching, and Backfilling</u>				
43	1.10.3	Over-Excavation, including Backfilling with Import Material Only (Optional Work)	CM	1500		
44	1.10.9	Pre-Locates of Key Utilities prior to Start of Construction	EA	12		
45	1.10.9	Pre-Locate all Existing Water Services - prior to start of watermain construction	EA	4		
45a	1.10.10	Prepare Lap Joint along trench in preparation for Permanent Asphalt prior to paving	LM	660		
		<u>31 23 17 Rock Removal</u>				
46	1.6.3	Rock Removal by Drilling and Blasting, or by Hammering (Optional Work)	CM	200		
		<u>31 23 23 Controlled Density Fill</u>				
47	1.4.1	Controlled Density Fill	CM	18.0		
Sub-Total Page 12:						\$

Tenderer's Initial Owner's Initial

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**CITY OF CAMPBELL RIVER
TENDER 20-01
HIGHWAY 19A PHASE 3 – CIVIL WORKS
FORM OF TENDER**

Item	MMCD Ref.	Description	Unit	Quantity	Unit Price	Amount
		31 24 13 Roadway Excavation, Embankment, and Compaction				
48	1.8.5	Highway 19A Asphalt Removal - All Thicknesses	SM	11650		
49	1.8.5	Seawalk Asphalt Removal - All Thicknesses	SM	2365		
50	1.8.5	Highway 19A & Rockland Rd Intersection Concrete Sidewalk and Curb Removal	LS	1		
51	1.6.2	Common Excavation - Trench or Roadway (Optional Work)	CM	500		
52	1.8.13	Seawalk Gravel Berm	CM	1740		
53	1.8.14	Common Excavation - Beach Gravel for re-use (Optional Work)	CM	100		
		31 32 19 Geosynthetics				
54	1.6.1	Filter Cloth - Armtec 250 or approved equivalent	SM	1440		
31 - EARTHWORKS						
		31 37 10 Riprap				
55	1.4.1	Supply and Install Class 500 - Machine Placed Shore Riprap Armouring	SM	2350		
56	1.4.2	D50 - 50mm Dia Filter Rock - 400mm Thick Under Shoreline Armouring Riprap	SM	790		
57	1.4.3	Riprap Removal and On-site Stockpiling for Redistribution	LS	1		
32 - ROADS AND IMPROVEMENTS						
		32 11 16.1 Granular Subbase				
58	1.4.2	Road, Curb and Gutter and Sidewalk Subbase	Tonnes	9700		
		32 11 23 Granular Base				
59	1.4.2	Granular Base - 19mm x 100mm Thick	SM	17310		
Sub-Total Page 13:						\$

Tenderer's Initial Owner's Initial

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Item	MMCD Ref.	Description	Unit	Quantity	Unit Price	Amount
		<u>32 12 16 Hot-Mix Asphalt Concrete Paving</u>				
60	1.5.7	Additional Saw cutting of Existing Asphalt in Preparation for new Asphalt on Rockland Road	LM	660		
61	1.5.9	Coordination of Owner's Asphalt Contractor	LS	1		
		<u>32 17 23 Painted Pavement Markings</u>				
62	1.5.3	Permanent Thermoplastic Pavement Markings	LS	1		
		<u>32 31 13 Chain Link Fence and Gates</u>				
63	1.5.4	Handrail on Concrete Retaining Wall (MMCD C14), Rockland Road Parking Lot	LM	12		
64	1.5.4	Decorative Handrail per Detail Sheet (C-16), Roadside Parallel Parking Lot / Seawalk	LM	94		
		<u>32 84 00 Irrigation Systems</u>				
65	1.12.1	Irrigation System Sleeves and Electrical Conduits (all sizes, common trench)	LM	575		
		<u>32 91 21 Topsoil and Finishing Grade</u>				
66	1.4.1	Imported Topsoil Placed at 150mm Thick to Finish Grade (<i>Optional Work</i>)	SM	1000		
		<u>32 92 19 Hydraulic Seeding</u>				
67	1.8.2	Hydraulic Seeding Turf Mix	SM	400		
33 - UTILITIES						
		<u>33 01 30.1 CCTV Inspection of Pipelines</u>				
68	1.6.2	CCTV Pipeline Inspection - Post Installation	LM	1225		
Sub-Total Page 14:						\$

Tenderer's Initial Owner's Initial

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**CITY OF CAMPBELL RIVER
TENDER 20-01
HIGHWAY 19A PHASE 3 – CIVIL WORKS
FORM OF TENDER**

Item	MMCD Ref.	Description	Unit	Quantity	Unit Price	Amount
		33 11 01 Waterworks				
69	1.8.2	Pipe - 150mm Diam. C900 DR18, All Depths	LM	6		
70	1.8.2	Pipe - 200mm Diam. C900 DR18, All Depths	LM	40		
71	1.8.2	Pipe - 250mm Diam. C900 DR18, All Depths	LM	315		
72	1.8.3	Bend - 11.25° - 200mm Diam. HxH	EA	1		
73	1.8.3	Bend - 22.5° - 200mm Diam. HxH	EA	1		
74	1.8.3	Bend - 45° - 200mm Diam. FxH	EA	2		
75	1.8.3	Bend - 45° - 200mm Diam. HxH	EA	1		
76	1.8.3	Bend - 22.5° 250mm Diam. HxH	EA	3		
77	1.8.3	Bend - 45° 250mm Diam. HxH	EA	5		
78	1.8.3	Cross - 250Fx200Fx250Fx200F mm Diam	EA	1		
79	1.8.3	Gate Valve - 200mm Diam. FxF	EA	1		
80	1.8.3	Gate Valve - 200mm Diam. FxH	EA	1		
81	1.8.3	Gate Valve - 250mm Diam. FxH	EA	2		
82	1.8.3	Reducer - 200Fx150H	EA	1		
83	1.8.3	Coupler - 200mm Diam. PVC	EA	1		
84	1.8.3	Coupler -150mm Diam. PVC to 150mm Diam. AC	EA	1		
85	1.8.3	Cap - 100mm Diam.	EA	1		
86	1.8.3	Cap - 150mm Diam.	EA	1		
87	1.8.3	Cap - 200mm Diam.	EA	3		
88	1.8.3	Cap - 250mm Diam.	EA	1		
89	1.8.14	Hydrant Assembly - Includes lead from mainline tee, joint restraints and thrust blocks, valve; hydrant and appurtenances	EA	1		
Sub-Total Page 15:						\$

Tenderer's Initial Owner's Initial

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**CITY OF CAMPBELL RIVER
TENDER 20-01
HIGHWAY 19A PHASE 3 – CIVIL WORKS
FORM OF TENDER**

Item	MMCD Ref.	Description	Unit	Quantity	Unit Price	Amount
		<u>33 11 01 Waterworks</u>				
90	1.8.4	Service Connection - 19mm Diam.	EA	4		
91	1.8.9	Localized concrete encasement, support, anchor or thrust blocks - As per CCR Detail Drawings CR-W1 & CR-W1a, and MMCD Drawing G6	CM	5		
92	1.8.13	Tie-In - 200mm Diam. - Rockland/Galerno Intersection	EA	2		
93	1.8.13	Tie-In 250mm - Rockland/Highway 19A	EA	1		
		<u>33 30 01 Sanitary Sewers</u>				
94	1.6.2	Pipe - 250mm Diam. PVC DR35, All Depths	LM	535		
95	1.6.3	Service Connection - 100mm Diam. Includes Mainline Tee or Wye; Inspection Chamber and related fitting as components on Standard Drawing S7	EA	20		
96	1.6.3	Service Connection - 150mm Diam. Includes Mainline Tee or Wye; Inspection Chamber and related fitting as components on Standard Drawing S7	EA	3		
97	1.6.3	Service Connection - 200mm Diam. Includes Mainline Tee or Wye; Inspection Chamber and related fitting as components on Standard Drawing S7	EA	1		
98	1.6.7	Tie-In 250mm Diam. PVC to Existing Sanitary Sewer System	LS	2		
		<u>33 40 01 Storm Sewers</u>				
99	1.6.6	Pipe - 525mm Diam. Perforated PVC DR35	LM	22		
100	1.6.6	Pipe - 450mm Diam. Perforated PVC DR35	LM	165		
101	1.6.6	Pipe - 375mm Diam. Perforated PVC DR35	LM	190		
Sub-Total Page 16:						\$

Tenderer's Initial Owner's Initial

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**CITY OF CAMPBELL RIVER
TENDER 20-01
HIGHWAY 19A PHASE 3 – CIVIL WORKS
FORM OF TENDER**

Item	MMCD Ref.	Description	Unit	Quantity	Unit Price	Amount
102	1.6.6	Pipe - 300mm Diam. Perforated Pipe PVC DR35	LM	287		
103	1.6.2	Pipe - 450mm Diam. PVC DR35	LM	26		
104	1.6.2	Pipe - 300mm Diam. PVC DR35 for Storm Service	EA	1		
105	1.6.3	Pipe - 250mm Diam. PVC DR35 Service Connection	EA	2		
106	1.6.3	Pipe - 200mm Diam. PVC DR35 Service Connection	EA	2		
107	1.6.3	Third-Party Utility Drains - 100mm Dia. Includes Mainline Tee or Wye and related fitting and components on Standard Drawing S8	LM	145		
108	1.6.3	Connect existing CB leads	EA	2		
109	1.6.9	Tie-In 300mm Diam. PVC to Existing Stormwater Manholes	EA	1		
		33 44 01 Manholes and Catchbasins				
110	1.5.1.1	Manhole Base, Lid, Slab, Cover and Frame - 1050mm Diam.	EA	11		
111	1.5.1.1	Manhole Base, Lid, Slab, Cover and Frame - 1200mm Diam.	EA	5		
112	1.5.1.1	Manhole Base, Lid, Slab, Cover and Frame - 1500mm Diam.	EA	1		
113	1.5.1.2	Manhole Riser Sections 1050mm dia - From Top of Base to Bottom of Concrete Lid or Slab	VM	23		
114	1.5.1.2	Manhole Riser Sections 1200mm dia - From Top of Base to Bottom of Concrete Lid or Slab	VM	18		
115	1.5.1.2	Manhole Riser Sections 1500mm dia - From Top of Base to Bottom of Concrete Lid or Slab	VM	6		
116	1.5.2	Top Inlet Storm Catchbasin - Including Lead & Fittings, As per CCR DWG CR-S11	EA	9		
117	1.5.2	Side Inlet Storm Catchbasin - Including Lead & Fittings, As per CCR DWG CR-S11	EA	35		
118	1.5.2	Type II Lawn Drains (Optional Work)	EA	4		
Sub-Total Page 17:						\$

Tenderer's Initial Owner's Initial

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**CITY OF CAMPBELL RIVER
TENDER 20-01
HIGHWAY 19A PHASE 3 – CIVIL WORKS
FORM OF TENDER**

Item	MMCD Ref.	Description	Unit	Quantity	Unit Price	Amount
		<u>33 44 10 Storm Water Treatment Devices</u>				
119	1.8.1	CDS Unit - Model 2015-4	EA	1		
120	1.8.1	CDS Unit - Model 2025-5	EA	1		
		<u>33 65 00 Third Party Utilities</u>				
121	7.0.1	Telus Duct 1 - 50mm Diam. RPVC - Inc. trenching & backfill	LM	300		
122	7.0.1	Telus Duct 1 or 2-100mm Diam. RPVC - Inc. trenching & backfill	LM	160		
123	7.0.1	Telus Duct 4-100mm Diam. RPVC - Inc. trenching & backfill	LM	706		
124	7.0.1	Telus Duct 5 to 7 - 100mm Diam. RPVC - Inc. trenching & backfill	LM	135		
125	7.0.3	Telus Service Vault SV1102 - Installed	EA	5		
126	7.0.3	Telus Service Box SB2335 - Installed	EA	4		
127	7.0.3	Remove and Replace Telus Service Box SB2335 - Installed	EA	1		
128	7.0.3	Tie into Existing Telus Service Box SB2335	EA	1		
129	7.0.1	Shaw Duct 1-38mm Diam. RPVC - Inc. trenching & backfill	EA	50		
130	7.0.1	Shaw Duct 1-50mm Diam. RPVC - Inc. trenching & backfill	LM	250		
131	7.0.1	Shaw Duct 1-75mm Diam. RPVC - Inc. trenching & backfill	LM	960		
132	7.0.3	Shaw Service Box (A3607204) - Supply & Installed	EA	8		
133	7.0.3	Shaw Service Box (73607204 U/G) - Supply & Installed	EA	3		
134	7.0.3	Shaw Service Box (73607204 RED) - Supply & Installed	EA	4		
135	7.0.3	Connect into Existing Shaw Service Box	EA	1		
Sub-Total Page 18:						\$

Tenderer's Initial Owner's Initial

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**CITY OF CAMPBELL RIVER
TENDER 20-01
HIGHWAY 19A PHASE 3 – CIVIL WORKS
FORM OF TENDER**

Item	MMCD Ref.	Description	Unit	Quantity	Unit Price	Amount
		33 65 00 Third Party Utilities				
136	7.0.1	BC Hydro Duct 2 - 125mm Diam. RPVC - Inc. trenching, concrete encasement and backfill	LM	4.5		
137	7.0.1	BC Hydro Duct 4 - 125mm Diam. RPVC - Inc. trenching, concrete encasement and backfill	LM	26		
138	7.0.1	BC Hydro Duct 6 - 125mm Diam. RPVC - Inc. trenching, concrete encasement and backfill	LM	842		
139	7.0.1	BC Hydro Duct 8 - 125mm Diam. RPVC - Inc. trenching, concrete encasement and backfill	LM	14		
140	7.0.1	BC Hydro Secondary Duct up to 4-75mm Diam. RPVC - Inc. trenching & backfill	LM	950		
141	7.0.1	BC Hydro Secondary Duct 5 to 6-75mm Diam. RPVC - Inc. trenching & backfill	LM	267		
142	7.0.3	BC Hydro Service Box - Large, Lightweight, ES54 B3-02R1	EA	6		
143	7.0.3	BC Hydro Service Box - #335, H20 Load Rated	EA	1		
144	7.0.3	BC Hydro Manhole	EA	4		
145	7.0.3	BC Hydro Sidewalk Duty Vault 3JB	EA	4		
146	7.0.3	BC Hydro LPT	EA	5		
147	7.0.3	Tie into existing BC Hydro PMT	EA	3		
148	7.0.1	CCR Fiber Network Duct 1-75mm Diam. RPVC - Inc. trenching & backfill	LM	918		
149	7.0.3	CCR Fiber Optic Service Box - Installed	EA	9		
150	7.0.2	Supply and Install BC Hydro service duct(s), conductors, kiosks and terminations for Park Irrigation Controllers per Sheet E-3 (x2)	LS	1		
Sub-Total Page 19:						\$

Tenderer's Initial Owner's Initial

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**CITY OF CAMPBELL RIVER
TENDER 20-01
HIGHWAY 19A PHASE 3 – CIVIL WORKS
FORM OF TENDER**

Item	MMCD Ref.	Description	Unit	Quantity	Unit Price	Amount
151	7.0.2	Private Utilities - 1470 & 1490 S Island Highway Supply and Install BC Hydro, Telus , Shaw Ducts to new meter location, including sweeps, caps and pull string, and all restoration, excluding driveways.	LS	1		
152	7.0.2	Reconnection of Private Utilities - 1430 S Island Highway BC Hydro, Telus , Shaw Service Including All Restoration, excluding Driveways	LS	1		
153	7.0.2	Reconnection of Private Utilities - 1392 S Island Highway BC Hydro, Telus , Shaw Service Including All Restoration, excluding Driveways	LS	1		
154	7.0.2	Reconnection of Private Utilities - 1350 S Island Highway BC Hydro, Telus , Shaw Service Including All Restoration, excluding Driveways	LS	1		
155	7.0.2	Provision for Private Utilities - 1308 S Island Highway BC Hydro, Telus , Shaw Service Including All Restoration, excluding Driveways. Stub inside Property Line	LS	1		
156	7.0.2	Private Utilities - 1266 S Island Highway Supply and Install BC Hydro, Telus , Shaw Ducts to new meter location, including sweeps, caps and pull string, and all restoration, excluding driveways.	LS	1		
157	7.0.2	Private Utilities - 1252 S Island Highway Supply and Install BC Hydro, Telus , Shaw Ducts to new meter location, including sweeps, caps and pull string, and all restoration, excluding driveways.	LS	1		
158	7.0.2	Private Utilities - 1244 S Island Highway Supply and Install BC Hydro, Telus , Shaw Ducts to new meter location, including sweeps, caps and pull string, and all restoration, excluding driveways.	LS	1		
Sub-Total Page 20:						\$

Tenderer's Initial Owner's Initial

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**CITY OF CAMPBELL RIVER
TENDER 20-01
HIGHWAY 19A PHASE 3 – CIVIL WORKS
FORM OF TENDER**

Item	MMCD Ref.	Description	Unit	Quantity	Unit Price	Amount
159	7.0.2	Reconnection of Private Utilities - 1238 S Island Highway BC Hydro, Telus , Shaw Service Including All Restoration, excluding Driveways. Refer to Detail 2 on sheet E-3.	LS	1		
160	7.0.2	Reconnection of Private Utilities - 1216 S Island Highway BC Hydro, Telus , Shaw Service Including All Restoration, excluding Driveways. Refer to Detail 2 on sheet E-3.	LS	1		
161	7.0.2	Private Utilities - 1190 S Island Highway Supply and Install BC Hydro, Telus , Shaw Ducts to new meter location, including sweeps, caps and pull string, and all restoration, excluding driveways.	LS	1		
162	7.0.2	Reconnection of Private Utilities - 1180 S Island Highway BC Hydro, Telus , Shaw Service Including All Restoration, excluding Driveways. Refer to Detail 3 on sheet E-3.	LS	1		
163	7.0.2	Reconnection of Private Utilities - 1160 S Island Highway BC Hydro, Telus , Shaw Service Including All Restoration, excluding Driveways. Refer to Detail 3 on sheet E-3.	LS	1		
164	7.0.2	Reconnection of Private Utilities - 1154 S Island Highway BC Hydro, Telus , Shaw Service Including All Restoration, excluding Driveways. Refer to Detail 3 on sheet E-3.	LS	1		
165	7.0.2	Reconnection of Private Utilities - 1140 S Island Highway BC Hydro, Telus , Shaw Service Including All Restoration, excluding Driveways. Refer to Detail 3 on sheet E-3.	LS	1		
166	7.0.2	Reconnection of Private Utilities - 1130 S Island Highway BC Hydro, Telus , Shaw Service Including All Restoration, excluding Driveways. Refer to Detail 3 on sheet E-3.	LS	1		
Sub-Total Page 21:						\$

Tenderer's Initial Owner's Initial

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**CITY OF CAMPBELL RIVER
TENDER 20-01
HIGHWAY 19A PHASE 3 – CIVIL WORKS
FORM OF TENDER**

Item	MMCD Ref.	Description	Unit	Quantity	Unit Price	Amount
		<u>33 65 00 Third Party Utilities</u>				
167	7.0.2	Private Utilities - 1131 S Island Highway Supply and Install BC Hydro, Telus , Shaw Ducts to new meter location, including sweeps, caps and pull string, and all restoration, excluding driveways.	LS	1		
168	7.0.2	Reconnection of Private Utilities - 1109 S Island Highway BC Hydro, Telus , Shaw Service Including All Restoration, excluding Driveways. Refer to Detail 4 on sheet E-3.	LS	1		
169	7.0.2	Private Utilities - 1108 S Island Highway Supply and Install BC Hydro, Telus , Shaw Ducts to new meter location, including sweeps, caps and pull string, and all restoration, excluding driveways.	LS	1		
170	7.0.2	Reconnection of Private Utilities - 1092 S Island Highway BC Hydro, Telus , Shaw Service Including All Restoration, excluding Driveways. Refer to Detail 4 on sheet E-3.	LS	1		
171	7.0.2	Provision for Private Utilities - 1082 S Island Highway BC Hydro, Telus, Shaw Service to be stubbed inside property line Including All Restoration, excluding Driveways.	LS	1		
172	7.0.2	Private Utilities - 1081 S Island Highway Supply and Install BC Hydro, Telus , Shaw Ducts to new meter location, including sweeps, caps and pull string, and all restoration, excluding driveways.	LS	1		
173	7.0.2	Private Utilities - 1071 S Island Highway Supply and Install BC Hydro, Telus , Shaw Ducts to new meter location, including sweeps, caps and pull string, and all restoration, excluding driveways.	LS	1		
Sub-Total Page 22:						\$

Tenderer's Initial Owner's Initial

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**CITY OF CAMPBELL RIVER
TENDER 20-01
HIGHWAY 19A PHASE 3 – CIVIL WORKS
FORM OF TENDER**

Item	MMCD Ref.	Description	Unit	Quantity	Unit Price	Amount
174	7.0.2	Private Utilities - 1070 S Island Highway Supply and Install BC Hydro, Telus , Shaw Ducts to new meter location, including sweeps, caps and pull string, and all restoration, excluding driveways.	LS	1		
175	7.0.2	Private Utilities - 1055 S Island Highway Supply and Install BC Hydro, Telus , Shaw Ducts to new meter location, including sweeps, caps and pull string, and all restoration, excluding driveways.	LS	1		
176	7.0.2	Reconnection of Private Utilities - 1054 S Island Highway BC Hydro, Telus , Shaw Service Including All Restoration, excluding Driveways. Refer to Detail 4 on sheet E-3.	LS	1		
177	7.0.2	Private Utilities - 1021 S Island Highway Supply and Install BC Hydro, Telus , Shaw Ducts to new meter location, including sweeps, caps and pull string, and all restoration, excluding driveways.	LS	1		
178	7.0.2	Private Utilities - 1020 S Island Highway Supply and Install BC Hydro, Telus , Shaw Ducts to new meter location, including sweeps, caps and pull string, and all restoration, excluding driveways.	LS	1		
179	7.0.6	General Contractor to coordinate the relocation of the 88mm HDPE gas main with Fortis BC	LS	1		
34 - TRANSPORTATION						
<u>34 41 13 Traffic Signals</u>						
180	1.9.1	Pedestrian Signals - 3 New Sets	LS	1		
181	1.9.4	Traffic Signs	LS	1		
Sub-Total Page 23:						\$

Tenderer's Initial Owner's Initial

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SUMMARY

Sub-Total Page 9:	\$
Sub-Total Page 10:	\$
Sub- Total Page 11:	\$
Sub-Total Page 12:	\$
Sub-Total Page 13:	\$
Sub-Total Page 14:	\$
Sub-Total Page 15:	\$
Sub-Total Page 16:	\$
Sub-Total Page 17:	\$
Sub-Total Page 18:	\$
Sub-Total Page 19:	\$
Sub-Total Page 20:	\$
Sub-Total Page 21:	\$
Sub-Total Page 22:	\$
Sub-Total Page 23:	\$
Sub-Total	\$
GST (5%):	\$
GRAND TOTAL:	\$

Tenderer's Initial Owner's Initial

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Appendix 3
EXPERIENCE OF SUPERINTENDENT
(See paragraph 5.3.3 of the Instructions to Tenderers - Part II)

Name: _____

Experience:

1. Dates: _____

Project Name: _____

Responsibility: _____

References: _____

2. Dates: _____

Project Name: _____

Responsibility: _____

References: _____

3. Dates: _____

Project Name: _____

Responsibility: _____

References: _____

Tenderer's Initial Owner's Initial

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Appendix 4

COMPARABLE WORK EXPERIENCE
(See paragraph 5.3.4 of the Instructions to Tenderers - Part II)

PROJECT	OWNER/ CONTRACT NAME	PHONE NUMBER	WORK DESCRIPTION	VALUE (\$)

Tenderer's Initial Owner's Initial

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Appendix 6

TENDERERS CURRENT PROJECTS UNDERWAY

PROJECT	OWNER/ CONTRACT NAME	PHONE NUMBER	WORK DESCRIPTION	VALUE (\$)	% COMPLETE

Tenderer's Owner's
Initial Initial

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