



## TENDER 20-34

### WATERFRONT SEWER – LIFT STATIONS NO. 4, 5 & 6

#### ADDENDUM NO. 5

July 24<sup>th</sup>, 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**

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1. **Proponent Question:**

No pump has been specified by the engineer (model and details).

**Response:**

Flow and head requirements have been provided and should be met. The proposed model numbers provided by Flygt in their email question appear acceptable and will be confirmed at the Shop drawing review stage.

If changes are required to the motors based on a revision to the pump HP, these changes should be factored into the bid provided.

2. **Proponent Question:**

The current stations drawing only indicated AIR Vent outlet (goose neck), but no AIR Vent inlet. Even though there is Air ventilation Fan showing in the electrical kiosk. Air vent inlet to the station will need to be added in order to have the pump class 1 div 2, otherwise class 1 div 1 will be required.

**Response:**

Air vent inlet shall be provided into the lift stations as noted above.

3. **Proponent Question:**

Could the valve chambers be sized as 3940x2120mm and 3000x1500mm?

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**Response:**

Valve chambers to be priced as specified in the tender drawings.

**4. Proponent Question:**

As per Section 25 31 01\_2.6- Pressure Monitoring System, In datasheet there is option to include Diaphragm seal, but there is no specification for Diaphragm seal and nothing mentioned in the P&ID EI610, EI611 and EI612. Please clarify and provide the specifications for Diaphragm seal if required.

**Response:**

The diaphragm seal is used in applications where direct contact with the process media will degrade the pressure sensor like high-temperature media, corrosive media, highly toxic or dangerous media, etc. In this case the sanitary sewage is a corrosive media and a diaphragm seal is required to prevent contact with the pressure sensor. The diaphragm seal can be ordered as an integral part of the pressure transmitter (see E&H Cerebar PMP75) or as a separate component (see Rosemount 1199 Diaphragm seal or WIKA Diaphragm seal).

**5. Proponent Question:**

Given that shop drawing production, review and approval could take up to 4 weeks, and production of the equipment could take up to 12 weeks, can the days to achieve substantial performance be adjusted to accurately reflect these long lead times in addition to construction durations?

**Response:**

Yes. In the Instructions to Tenderers Part I Section 4.13 Commencement and Completion of Work revise the *Substantial Performance* period from 120 days to **160 days**.

Article 1.2 of the Draft Agreement has been revised to “...*Contract Document* and will achieve milestone dates shown in the Form of Tender and *Substantial Performance* of the *Work* within 160 Days...”

Please see Addendum Item 2 below in regards to the Form of Tender.

**6. Proponent Question:**

Lift station #5, drawing NO.18-507-C001 references the removal and disposal of the existing headwall at LS #5, but instructs us to protect and maintain the culvert it is attached too. This headwall appears to be in very good condition and not in conflict with the scope of work. Please confirm that CR intends to remove it? Would the city want to salvage the HW for future use? What billing item are we to include for the cost of removal under?

**Response:**

The culvert and headwall works have been completed ahead of this project. The headwall is not to be removed. Revised drawings will be issued post award.

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**7. Proponent Question:**

LS #5 located is currently tree'd and covered in a few driftwood logs. Are we to relocate the existing driftwood to the surrounding areas? Or is this to be included in the clearing bid item?

**Response:**

Included in the clearing item.

**8. Proponent Question:**

There does not appear to be a bid item for the subgrade fill required at LS #5 the future pad up to proposed elevations after clearing? Where has this been accounted for?

**Response:**

Item 85.

**9. Proponent Question:**

Lift station #5 the proposed pump station location is currently being used as an equipment staging area for a highway improvement project. Can we assume this project will be complete and we will have unobstructed access at the time of construction?

**Response:**

The Highway 19A project runs to the end of Q2 2021. It's limits are south of this project. The lift station #6 area will be clear.

**10. Proponent Question:**

Gravity sewers in the parking lot at the Anchor Inn will require substantial asphalt/concrete removal (existing slab near on private property near proposed IC/CO). There was no billing item for this in the removals? Are we to include for this in our sanitary pipe pricing?

**Response:**

Under 33 30 01 1.6.2 pavement removal is to be included in the pipe item. MMCD Standard Drawing G4 shows the permitted limit of excavation.

**11. Proponent Question:**

Construction of the pipe bridge will require clearing and grubbing of the existing brush and blackberry bushes on the 45d slope. There is no billing item for this in the removals. Where are did you intend for this cost to go?

**Response:**

Clearing and grubbing on the slope is not permitted. A close-cut clearing item has been added to the Schedule of Quantities and Prices.

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**12. Proponent Question:**

Item 123 “150mm Cleanout” has a quantity of 4. Note I there are three at LS #4 and none at LS #5 & #6, can please confirm the locations of the 4<sup>th</sup> cleanout.

**Response:**

A cleanout will be required on the service to 235 South Island Highway, which is not shown on drawing C104.

**13. Proponent Question:**

**Addendum Item 2 – Drawing/Spec Additions/Revisions**

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1. The Form of Tender and Appendix 1B Schedule of Quantities and Prices has been revised. Replace the Form of Tender and Appendix 1B with the revised **Form of Tender and Appendix 1C (issued 24Jul20)** as attached. Updated items have been 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

# Form of Tender

(Issued 24Jul20)

CITY OF CAMPBELL RIVER

Reference No.: TENDER 20-34

Contract: WATERFRONT SEWER – LIFT STATIONS NO. 4, 5 & 6

TO OWNER:

**1 I (WE), THE UNDERSIGNED:**

1.1 have received and carefully reviewed all of the *Contract Documents*, including the Instructions to Tenderers, the specified edition of the "Master Municipal Construction Documents - General Conditions, Specifications and Standard Detail Drawings" and the following Addenda:

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(ADDENDA, IF ANY)

(TENDERER TO COMPLETE)

1.2 have full knowledge of the *Place of the Work*, and the *Work* required; and

1.3 have complied with the Instructions to Tenderers; and

**2 ACCORDINGLY I (WE) HEREBY OFFER:**

2.1 to perform and complete all of the *Work* and to provide all the labour, equipment and material as set out in the *Contract Documents*, in strict compliance with the *Contract Documents*; and

**2.2 to complete all paving works to Highway 19A and the Anchor Inn parking lot by November 13, 2020; and**

**2.3 to achieve *Substantial Performance* of the *Work* within 160 Days from receipt of a Notice to Proceed; and**

**2.4 to do the *Work* for the price, which is the sum of the products of the actual quantities incorporated into the *Work* and the appropriate Lump Sums set out in Appendix 1, the "*Schedule of***

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*Quantities and Prices*", plus any lump sums or specific prices and adjustment amounts as provided by the *Contract Documents*. For the purposes of tender comparison, our offer is to complete the *Work* for the "*Tender Price*" as set out on 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:

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- 5.1.1 within 10 *Days* of receipt of the written *Notice of Award* deliver to the *Owner*:
- 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;
  - e a Health and Safety Program Manual pertaining to the Work;
  - f 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.

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**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

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,

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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, 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 160 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;

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- 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.

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:

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- 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.

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.

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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)

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**Appendix 1C (issued 24Jul20)**

**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	Spec. Ref.	Description	Unit	Quantity	Unit Price	Amount
	<b>01 - GENERAL ITEMS</b>					
		<b>01 01 01 Mobilization and Demobilization</b>				
1	1.1.1-1.1.5	Mobilization & Demobilization (maximum 10% of tender price)	LS	1		
		<b>01 33 01 Project Record Documents</b>				
2	1.8.1	Project record documents	LS	1		
		<b>01 52 01 Temporary Structures</b>				
3	1.6.1	Temporary structures	LS	1		
		<b>01 53 01 Temporary Facilities</b>				
4	1.9.1	Sanitary facilities, site storage, loading and hoardings	LS	1		
5	1.9.2	Mobilization & demobilization of well pointing <b>(Optional Work)</b>	LS	1		
6	1.9.2	Mobilization & demobilization of water treatment equipment <b>(Optional Work)</b>	LS	1		
7	1.9.3	Operation and maintenance of well pointing equipment <b>(Optional Work)</b>	day	30		
8	1.9.3	Operation and maintenance of water treatment equipment <b>(Optional Work)</b>	day	30		
		<b>01 55 00 Traffic Control, Vehicle Access and Parking</b>				
9	1.5.1	Traffic control, vehicle access and parking	LS	1		
		<b>01 57 01 Environmental Protection</b>				
10	1.6.1	Temporary erosion and sediment control	LS	1		
		<b>01 62 00 Removals</b>				
11	1.2.1	Existing asphalt concrete; Sea Walk	m <sup>2</sup>	175		
<b>Sub-Total Page 9:</b>						<b>\$</b>

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Item	Spec. Ref.	Description	Unit	Quantity	Unit Price	Amount
		<b>03 CONCRETE</b>				
		<b>03 30 53 Cast-In-Place Concrete</b>				
		<b>Reinforced Concrete Retaining Walls, Slabs &amp; Structures</b>				
		<b>Lift Station N°4</b>				
12	1.5.2/3	Pipe bridge lower abutment	m <sup>3</sup>	0.75		
13	1.5.2/3	Anti-buoyancy slab; 3.3 x 3.3 x 0.3 m; reinforced	m <sup>3</sup>	3.3		
14	1.5.2/3	Genset pad; reinforced	m <sup>3</sup>	1		
15	1.5.2/3	Kiosk pad; 4.4 x 2.2 x 0.15 m; reinforced	m <sup>3</sup>	1.4		
16	1.5.2/3	Meter kiosk base; 0.6 x 0.6 x 1.5 m	m <sup>3</sup>	0.5		
		<b>Lift Station N°5</b>				
17	1.5.2/3	Anti-buoyancy slab; 3.3 x 3.3 x 0.3 m; reinforced	m <sup>3</sup>	3.3		
18	1.5.2/3	Genset pad; reinforced	m <sup>3</sup>	1		
19	1.5.2/3	Kiosk pad; 4.4 x 2.2 x 0.15 m; reinforced	m <sup>3</sup>	1.4		
20	1.5.2/3	Meter kiosk base; 0.6 x 0.6 x 1.5 m	m <sup>3</sup>	0.5		
		<b>Lift Station N°6</b>				
21	1.5.2/3	Anti-buoyancy slab; 3.3 x 3.3 x 0.3 m; reinforced	m <sup>3</sup>	3.3		
22	1.5.2/3	Genset pad; reinforced	m <sup>3</sup>	1		
23	1.5.2/3	Kiosk pad; 4.4 x 2.2 x 0.15 m; reinforced	m <sup>3</sup>	1.4		
24	1.5.2/3	Meter kiosk base; 0.6 x 0.6 x 1.5 m	m <sup>3</sup>	0.5		
		<b>03 40 01 Precast Concrete</b>				
25	1.4.1	Valve chamber at LS N°4	ea	1		
26	1.4.1	Valve chamber at LS N°5	ea	1		
27	1.4.1	Valve chamber at LS N°6	ea	1		
<b>Sub-Total Page 10:</b>						<b>\$</b>

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Item	Spec. Ref.	Description	Unit	Quantity	Unit Price	Amount
<b>05 METALS</b>						
28		Shop drawings and job start up for pipe bridge	LS	1		
29		Shop drawings and attendance at BC Hydro pre-job for meter kiosks & services	LS	1		
30		Pipe bridge	LS	1		
31		Kiosks	ea	3		
32		Metering kiosks; BC Hydro drawing ES54 S2-01.04-R8	ea	3		
33		Bollards; painted white and red as per MMCD C12; detail C305	ea	4		
<b>25 INTEGRATED INSTRUMENTATION</b>						
34		Shop drawings and job start up	LS	1		
35		Instrumentation and control panel at LS N°4	LS	1		
36		Instrumentation and control panel at LS N°5	LS	1		
37		Instrumentation and control panel at LS N°6	LS	1		
<b>26 ELECTRICAL</b>						
<b>26 00 00 BC Hydro and Telus</b>						
38	1.2.1/1.2.2	100 mm diam. duct for BC Hydro service - LS N°4	m	25		
39	1.2.1/1.2.2	100 mm diam. duct for BC Hydro service - LS N°5	m	85		
40	1.2.1/1.2.2	100 mm diam. duct for BC Hydro service - LS N°6	m	75		
41	1.2.1/1.2.2	100 mm diam. duct for Telus service - LS N°4	m	25		
42	1.2.1/1.2.2	100 mm diam. duct for Telus service - LS N°5	m	85		
43	1.2.1/1.2.2	100 mm diam. duct for Telus service - LS N°6	m	75		
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Item	Spec. Ref.	Description	Unit	Quantity	Unit Price	Amount
		<b>Electrical Installation</b>				
		Conduit and wiring				
44		Lift station N°4	LS	1		
45		Lift station N°5	LS	1		
46		Lift station N°6	LS	1		
		Feeders and grounding				
47		Lift station N°4	LS	1		
48		Lift station N°5	LS	1		
49		Lift station N°6	LS	1		
		Lighting	LS	1		
50		Lift station N°4	LS	1		
51		Lift station N°5	LS	1		
52		Lift station N°6	LS	1		
		Power	LS	1		
53		Lift station N°4	LS	1		
54		Lift station N°5	LS	1		
55		Lift station N°6	LS	1		
		Motor starters / VFD's	LS	1		
56		Lift station N°4	LS	1		
57		Lift station N°5	LS	1		
58		Lift station N°6	LS	1		
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Item	Spec. Ref.	Description	Unit	Quantity	Unit Price	Amount
		UPS	LS	1		
59		Lift station N°4	LS	1		
60		Lift station N°5	LS	1		
61		Lift station N°6	LS	1		
		Communications	LS	1		
62		Lift station N°4	LS	1		
63		Lift station N°5	LS	1		
64		Lift station N°6	LS	1		
		Commissioning of all electrical	LS	1		
65		Lift station N°4	LS	1		
66		Lift station N°5	LS	1		
67		Lift station N°6	LS	1		
		Electrical system demonstration	LS	1		
68		Lift station N°4	LS	1		
69		Lift station N°5	LS	1		
70		Lift station N°6	LS	1		
		<b><u>26 32 13 Electrical Generators</u></b>				
71		Shop drawings and job start up	LS	1		
72		20 kW diesel generator at LS N°4	ea	1		
73		30 kW diesel generator at LS N°5	ea	1		
74		30 kW diesel generator at LS N°6	ea	1		
		<b><u>27 COMMUNICATIONS</u></b>				
75	1.2.1	Telemetry	LS	1		

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Item	Spec. Ref.	Description	Unit	Quantity	Unit Price	Amount
<b>31 EARTHWORKS</b>						
<b>31 11 01 Clearing and Grubbing</b>						
76	1.4.1/2	Clearing and grubbing at LS #5	m <sup>2</sup>	195		
76a	1.4.1/2	Close-cut clearing at LS #4	m <sup>2</sup>	48		
<b>31 23 01 Excavating, Trenching and Backfilling</b>						
77	1.10.3	Over-excavation including backfilling (Optional Work)	m <sup>3</sup>	50		
78	1.10.9	Pre-locates of key utilities prior to start of construction	ea	8		
<b>31 23 17 Rock Removal</b>						
79	1.6.5/5	Boulders and rock fragments - blasting not permitted (Optional Work)	m <sup>3</sup>	15		
<b>31 23 23 Controlled Density Fill</b>						
80	1.4.1	CDF (pipe 200 mm diameter)	m	45		
<b>31 24 13 Roadway Excavation, Embankment and Compaction</b>						
81	1.8.5	Common excavation; off-site disposal; aprons at LS N <sup>os</sup> 5 & 6	m <sup>3</sup>	233		
		Common excavation; off-site disposal; wet well and valve chamber				
82	1.8.5	LS N <sup>o</sup> 4	m <sup>3</sup>	74		
83	1.8.5	LS N <sup>o</sup> 5	m <sup>3</sup>	100		
84	1.8.5	LS N <sup>o</sup> 6	m <sup>3</sup>	92		
<b>32 ROADS AND SITE IMPROVEMENTS</b>						
<b>32 11 16.1 Granular Sub-Base</b>						
85	1.4.2	Granular sub-base	T	345		
<b>32 11 23 Granular Base</b>						
86	1.4.1	Granular base; 100 mm thick	m <sup>2</sup>	300		
87	1.4.1	Granular base; 150 mm thick	m <sup>2</sup>	340		
88	1.4.1	Granular base; 300 mm thick	m <sup>2</sup>	75		
89	1.4.5	Gravel shoulder restoration 19 mm gravel; 100 mm thick	m <sup>2</sup>	20		
<b>Sub-Total Page 14:</b>						<b>\$</b>

Tenderer's Initial    Owner's Initial

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**CITY OF CAMPBELL RIVER  
TENDER 20-34  
WATERFRONT SEWER – LIFT STATIONS NO. 4, 5 & 6  
FORM OF TENDER**

Item	Spec. Ref.	Description	Unit	Quantity	Unit Price	Amount
		<b><u>32 12 16 Hot-Mix Asphalt Concrete Paving</u></b>				
90	1.5.1	Adjust existing castings to new elevations	ea	3		
91	1.5.7	Saw cut and mill lap joint roadway asphalt for permanent pavement restoration	m	424		
92	1.5.9	Scheduling and coordination of Owner's paving contractor	LS	1		
		<b><u>32 17 23 Painted Pavement Markings</u></b>				
93	1.5.2	Paint pavement marking; fog line on Hwy 19A	m	60		
94	1.5.3	Thermoplastic pavement marking; zebra crosswalk markings at LS #6	LS	1		
95	1.5.5	Permanent traffic control signs; parking sign	ea	4		
		<b><u>32 91 21 Topsoil and Finish Grading</u></b>				
96	1.4.1	Imported topsoil	m <sup>3</sup>	10		
		<b><u>32 92 19 Hydraulic Seeding</u></b>				
97	1.8.1	Hydraulic seeding, restoration mix	m <sup>2</sup>	100		
		<b><u>33 UTILITIES</u></b>				
		<b><u>33 01 30.1 CCTV Inspection of Pipelines</u></b>				
98	1.6.2	CCTV pipeline inspection	m	402		
		<b><u>33 11 01 Waterworks</u></b>				
99	1.8.1/2	Pipe - 38 mm diam PC160 PE at all depths; imported backfill	m	32		
100	1.8.1/2	Pipe - 50 mm diam PC160 PE at all depths; imported backfill	m	27		
101	1.8.4	Service connection - 50 mm diam. LS N°4	ea	1		
102	1.8.4	Service connection - 38 mm diam. LS N°5	ea	1		
103	1.8.4	Service connection - 38 mm diam. LS N°6	ea	1		
104	1.8.14	Yard hydrant	ea	3		
<b>Sub-Total Page 15:</b>						<b>\$</b>

Tenderer's Initial    Owner's Initial

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**CITY OF CAMPBELL RIVER  
TENDER 20-34  
WATERFRONT SEWER – LIFT STATIONS NO. 4, 5 & 6  
FORM OF TENDER**

Item	Spec. Ref.	Description	Unit	Quantity	Unit Price	Amount
		<b><u>33 30 01 Sanitary Sewers - Imported Backfill</u></b>				
105	1.6.1/2	Pipe - 150 mm diam., PVC DR35	m	106		
106	1.6.1/2	Pipe - 200 mm diam., PVC DR35	m	270		
107	1.6.4	Inspection chamber	ea	3		
		Tie-ins				
108	1.6.7	150 mm to ex 100 mm - 235 Isl Hwy	ea	1		
109	1.6.7	150 mm to ex 75 mm - Anchor Inn	ea	2		
110	1.6.7	100 mm to ex 100 mm - 291 Isl Hwy	ea	1		
111	1.6.7	100 mm to ex 100 mm - 321 Isl Hwy	ea	1		
112	1.6.8	Cap - 75 mm diam.	ea	2		
113	1.6.8	Cap - 200 mm diam.	ea	11		
		<b><u>33 34 01 Sewage Force mains - Imported Backfill</u></b>				
114	1.8.1/2	Pipe - 75 mm diam. HDPE DR17 PE4710	m	31		
115	1.8.1/2	Pipe - 150 mm diam. PVC DR18; colour red	m	26		
		Odour Control Units				
116	1.8.12	LS N°4; 13.6 kg	LS	1		
117	1.8.12	LS N°5; 22.7 kg	LS	1		
118	1.8.12	LS N°6; 22.7 kg	LS	1		
		<b><u>33 44 01 Manholes and Catchbasins</u></b>				
119	1.5.1.0	Manhole base, lid, slab, cover and frame - 1050 mm diam.	ea	1		
120	1.5.1.1	Manhole base, lid, slab, cover and frame - 1200 mm diam.	ea	9		
121	1.5.1.2	Manhole riser section - 1050 mm diam.	vert. m	1.2		
122	1.5.1.2	Manhole riser section - 1200 mm diam.	vert. m	27.5		
123	1.5.2	Cleanout - 150 mm diam.	ea	4		

**Sub-Total Page 16: \$**

Tenderer's Initial    Owner's Initial

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**CITY OF CAMPBELL RIVER  
TENDER 20-34  
WATERFRONT SEWER – LIFT STATIONS NO. 4, 5 & 6  
FORM OF TENDER**

Item	Spec. Ref.	Description	Unit	Quantity	Unit Price	Amount
		<b><u>40 PROCESS INTEGRATION</u></b>				
		<b><u>40 23 40 Sanitary Wastewater Process Piping</u></b>				
124		Shop drawings and job start up	LS	1		
125		Process piping at lift station N°4 - 75 mm diam. stainless steel	LS	1		
126		Process piping at lift station N°5 - 150 mm diam. stainless steel	LS	1		
127		Process piping at lift station N°6 - 150 mm diam. stainless steel	LS	1		
128		Heat tracing at lift station N°4	LS	1		
129		Pipework insulation at LS N°4	LS	1		
		<b><u>40 41 00 Process Piping Heat Tracing</u></b>				
		<b><u>43 PROCESS GAS &amp; LIQUID HANDLING PURIFICATION &amp; STORAGE EQUIPMENT PUMPS</u></b>				
		<b><u>43 26 13 Submersible Grinder Pumps</u></b>				
130		Shop drawings and job start up	LS	1		
131		Package wet well, pipework and pumps at LS N°4	LS	1		
132		Package wet well, pipework and pumps at LS N°5	LS	1		
133		Package wet well, pipework and pumps at LS N°6	LS	1		
<b>Sub-Total Page 17:</b>						<b>\$</b>

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	\$
GST (5%):	\$
<b>GRAND TOTAL:</b>	<b>\$</b>

Tenderer's Initial    Owner's Initial

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## Appendix 2

### PRELIMINARY CONSTRUCTION SCHEDULE (See paragraph 5.3.2 of the Instructions to Tenderers - Part II)

The Preliminary Construction Schedule should be presented as a Gantt Chart and should include:

1. All major activities separately identified with expected duration and related milestone dates and,
2. All major activities listed in the anticipated order of completion and,
3. Clear definition of all related interdependencies between tasks.

Schedules created using third party software will be accepted.

<b>ACTIVITY (with milestone dates)</b>	<b>CONSTRUCTION SCHEDULE (weeks)</b>																			
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
<b>Paving*</b>																				

Note \*: If project includes Hot-Mix Asphalt Concrete Paving the Preliminary Construction Schedule and all future versions of the Construction Schedule are to include separate Paving line item for which scheduling of all related activities are to be completed in full conformance with the Contract Documents.

Tenderer's Initial	Owner's Initial

**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



## 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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