



**INVITATION TO TENDER  
ITT NO. ENG 23-01  
Tillicum and Lampson – Active Transportation  
Improvements**

**DATE OF ISSUE: April 27, 2023**

1229 Esquimalt Road  
Esquimalt BC V9A 3P1  
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f. 250-414-7160  
[www.esquimalt.ca](http://www.esquimalt.ca)

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ENG 23-01		
UNIT	TILlicum AND LAMPSON – ACTIVE	
PRICE	TRANSPORTATION IMPROVEMENTS	INVITATION TO TENDERERS
CONTRACT	INVITATION TO TENDERERS	PAGE 1 OF 1

**Owner:** THE CORPORATION OF THE TOWNSHIP OF ESQUIMALT  
( NAME OF OWNER )

**Contract:** Tillicum and Lampson – Active Transportation Improvements  
( TITLE OF CONTRACT )

**Reference No.:** ENG 23-01

( OWNER'S CONTRACT REFERENCE NO. )

**The Owner invites tenders for:** The supply of labour, materials, and equipment to construct: Sidewalks, bike lanes, and road rehabilitation on Lampson Street, Craigflower Road, and Tillicum Road. The works are inclusive of traffic signal upgrades and modifications.  
( BRIEF DESCRIPTION OF THE WORK )

**Digital (pdf) copies of the Contract Documents are available for no charge:**

Civic Info ([www.civicinfo.bc.ca](http://www.civicinfo.bc.ca))  
BC Bid ([www.bcbid.gov.bc.ca](http://www.bcbid.gov.bc.ca))  
Township of Esquimalt ([www.Esquimalt.ca](http://www.Esquimalt.ca))  
( ADDRESS WHERE CONTRACT DOCUMENTS CAN BE VIEWED )

**Tenders are scheduled to close:**

**Tender Closing**

**Time:** 2:00 PM local time

**Tender Closing**

**Date:** May 25, 2023

**Address:** ELECTRONIC SUBMISSIONS VIA EMAIL TO  
[pearl.barnard@esquimalt.ca](mailto:pearl.barnard@esquimalt.ca)

( ADDRESS WHERE TENDERS MUST BE SUBMITTED )

Due to the COVID-19 pandemic, tenders will not be open in public. Submissions must be emailed as a pdf attachment to the above listed email address.

Please note: Email submissions could be delayed or rejected by the Township of Esquimalt's email security system. The onus is on the tenderers to make sure the Township receives the email submission.

**NAME OF OWNER'S REPRESENTATIVE**

CHARLES DAVIE, MANAGER OF ENGINEERING

Contact via email

( PHONE )

[charles.davie@esquimalt.ca](mailto:charles.davie@esquimalt.ca)

( E-MAIL )

(FOR USE WHEN UNIT PRICES FORM THE BASIS OF PAYMENT TO BE USED ONLY WITH THE GENERAL CONDITIONS AND OTHER STANDARD DOCUMENTS OF THE UNIT PRICE MASTER MUNICIPAL CONSTRUCTION DOCUMENTS.)

(TO BE READ WITH “INSTRUCTIONS TO TENDERERS – PART II”  
CONTAINED IN THE EDITION OF THE PUBLICATION  
“MASTER MUNICIPAL CONSTRUCTION DOCUMENTS” SPECIFIED IN ARTICLE 2.2 BELOW)

*Owner:* CORPORATION OF THE TOWNSHIP OF ESQUIMALT  
( NAME OF OWNER )

*Contract:* TILlicum AND LAMPSON – ACTIVE TRANSPORTATION IMPROVEMENTS  
( TITLE OF CONTRACT )

Reference No. ENG 23-01  
( OWNER’S CONTRACT REFERENCE NO. )

## 1.0 Introduction

1.1 These Instructions apply to and govern the preparation of tenders for this *Contract*. The *Contract* is generally for the following work:

The supply of labour, materials, and equipment to construct: Sidewalks, bike lanes, and road rehabilitation on Lampson Street, Craigflower Road, and Tillicum Road. The works are inclusive of traffic signal upgrades and modifications.

( BRIEF DESCRIPTION OF THE WORK )

1.2 Direct all inquiries regarding the *Contract*, to:

Charles Davie, Manager of Engineering

( NAME AND POSITION OF INDIVIDUAL WHO WILL ANSWER INQUIRIES )

**Address:** 1229 Esquimalt Road  
Esquimalt, BC V9A 3P1

**Phone:** Contact via email

**Email:** [charles.davie@esquimalt.ca](mailto:charles.davie@esquimalt.ca)

## 2.0 Tender Documents

2.1 The tender documents which a tenderer should review to prepare a tender consist of all of the *Contract Documents* listed in Schedule 1 entitled “Schedule of Contract Documents”. Schedule 1 is attached to the Agreement which is included as part of the tender package. The *Contract Documents* include the drawings listed in Schedule 2 to the Agreement, entitled “List of *Contract Drawings*”.

UNIT PRICE CONTRACT	ENG 23-01 TILlicum AND LAMPSON – ACTIVE TRANSPORTATION IMPROVEMENTS INSTRUCTIONS TO TENDERERS	INSTRUCTIONS TO TENDERERS PAGE 2 OF 4
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2.2 A portion of the *Contract Documents* are included by reference. Copies of these documents have not been included with the tender package. These documents are the Instructions to Tenderers - Part II, General Conditions, Specifications and Standard Detail Drawings. They are those contained in the publication entitled “Master Municipal Construction Documents - General Conditions, Specifications and Standard Detail Drawings”. Refer to Schedule 1 to the Agreement or, if not specified in Schedule 1, then the applicable edition shall be the most recent edition as of the date of the *Tender Closing Date*. All sections of this publication are by reference included in the *Contract Documents*.

2.3 Any additional information made available to tenderers prior to the *Tender Closing Time* by the *Owner* or representative of the *Owner*, such as geotechnical reports or as-built plans, which is not expressly included in Schedule 1 or Schedule 2 to the Agreement, is not included in the *Contract Documents*. Such additional information is made available only for the assistance of tenderers who must make their own judgment about its reliability, accuracy, completeness and relevance to the *Contract*, and neither the *Owner* nor any representative of the *Owner* gives any guarantee or representation that the additional information is reliable, accurate, complete or relevant.

### 3.0 Submission of Tenders

3.1 Tenders must be submitted electronically via email to:

[pearl.barnard@esquimalt.ca](mailto:pearl.barnard@esquimalt.ca)

(EMAIL)

on or before:

**Tender Closing Time: 2:00PM local time**

**Tender Closing Date: May 25, 2023**

Tender hardcopies will **NOT** be accepted. File type in email submission must be attached as a pdf.

Email submissions could be delayed or rejected by the Township of Esquimalt’s email security system. The onus is on the tenderers to make sure the Township receives the email submission on or before the date and time listed above.

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3.2 Late tenders will not be accepted or considered, and will be returned unopened.

**4.0 Additional Instructions to Tenderers**

4.1 **Evaluation Criteria:** The Township will base its evaluation of tender submissions on price.

4.2 **Substantial Performance Date:** The Township requires all *Contract* work be completed by **December 31, 2023**.

4.3 **COVID Protocol:** The Contractor is expected to follow all provincial directives surrounding COVID 19 protocols.

4.4 **Prime Contractor:** For the purpose of the Contract, the successful Bidder shall be deemed to be the “Prime Contractor” as defined under the regulations of the Worker’s Compensation Act. The successful Bidder shall be responsible for meeting all requirements associated with this role.

4.5 **Subcontractor:** The Township reserves the right to object to any of the subcontractors listed in the Tender. If the Township objects to a listed subcontractor(s) then the Township will permit a Bidder to, within five (5) days, propose a substitute subcontractor(s) acceptable to the Township provided that there is no resulting adjustment in the Tender cost or completion date set out in the Form of Tender.

4.6 **Financial Security:** Failure to provide financial security (as described in 5.2.1 of IT-Part II) with your tender submission, will result in your tender being deemed incomplete and therefore will not be considered.

4.7 **Funding:** Proceeding with an award of this tender may be subject to available funding.

4.8 **Cancellation:** The Township reserves the right to cancel this Tender at any time and for any reason, and will not be responsible for any loss, damage, cost or expense incurred or suffered by and Tenderer as a result of that cancellation.

4.9 **Notice of Project:** The Contractor shall submit to WorkSafe BC a completed Notice of Project, providing a copy to the Township.

4.10 **Submittals:** The Contractor shall submit, in a form acceptable to The Township, upon acceptance of the tender and prior to receiving Notice to Proceed:

- A completed Prime Contractor Designation Form.
- A copy of the WorkSafe BC Notice of Project.

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- A detailed work schedule describing each phase of the project (i.e. supply, installation etc.).
- A Traffic Management Plan including a detailed Traffic Control Plan and how it relates to the detailed work schedule.
- An Environmental Management Plan to address environmental issues related to the construction and how the work will comply with federal, provincial and local regulations and bylaws.
- A COVID-19 Exposure Control Plan to demonstrate the minimum standards in alignment with WorkSafe BC that the Prime Contractor will be implementing for on-site personnel to prevent exposure and transmission of COVID-19.

- 4.11 **Addenda:** Any and all addenda to this Tender will be posted on BC Bid. It is the sole responsibility of the tenderer to make sure that they are in receipt of all addenda prior to the closing date and acknowledge receipt of the addenda on the Tender Form.
- 4.12 **Freedom of Information:** The Township is subject to the provisions of the Freedom of Information and Protection of Privacy Act. As a result, while Section 21 of the Act does offer some protection for third party business interests, The Township cannot guarantee that any information provided to The Township can be held in confidence.
- 4.13 **Accuracy of Information:** The Township makes no representation or warranty, either expressed or implied, with respect to the accuracy or completeness of any information contained in or referred to in the Tender.
- 4.14 **Responsibility of Tenderers:** Each tenderer is responsible for informing themselves as to the contents and requirement of this tender.

Each tenderer is solely responsible to ensure that they have obtained and considered all information necessary to understand the requirements of the tender and to prepare and submit their tender.

The Township will not be responsible for any loss, damage or expense incurred by a tenderer as a result of any inaccuracy or incompleteness in this tender, or as a result of any misunderstanding or misinterpretation of the terms of the tender on the part of any tenderer.

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FOR USE WHEN UNIT PRICES FORM THE BASIS OF PAYMENT - TO BE USED ONLY WITH THE GENERAL CONDITIONS AND OTHER STANDARD DOCUMENTS OF THE UNIT PRICE MASTER MUNICIPAL CONSTRUCTION DOCUMENTS.  
FOR USE WHEN UNIT PRICES FORM THE BASIS OF PAYMENT - TO BE USED ONLY WITH THE GENERAL CONDITIONS AND OTHER STANDARD DOCUMENTS OF THE UNIT PRICE MASTER MUNICIPAL CONSTRUCTION DOCUMENTS.

Owner: CORPORATION OF THE TOWNSHIP OF ESQUIMALT  
( NAME OF OWNER )

Contract: TILlicum AND LAMPSON – ACTIVE TRANSPORTATION  
IMPROVEMENTS  
( TITLE OF CONTRACT )

Reference No. ENG 23-01  
( OWNER'S CONTRACT REFERENCE NO. )

To Owner:

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:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
( ADDENDA, IF ANY )

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.

ACCORDINGLY WE  
HEREBY OFFER

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

2.2 to achieve Substantial Performance of the Work on or before  
**December 31, 2023** ; and  
( WORK DURATION OR DATE )

2.3 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 unit prices set out in Appendix 1, the "*Schedule of 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.



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<b>WE CONFIRM:</b>	3.1	that we understand and agree that the quantities as listed in the <i>Schedule of Quantities and Prices</i> are estimated, and that the actual quantities will vary.
<b>WE CONFIRM:</b>	4.1	that the following appendices are attached to and form a part of this tender: <ul style="list-style-type: none"> <li>4.1.1 the appendices as required by paragraph 5.3 of the Instructions to Tenderers – Part II; and</li> <li>4.1.2 the <i>Bid Security</i> as required by paragraph 5.2 of the Instructions to Tenderers – Part II.</li> </ul>
<b>WE AGREE:</b>	5.1	that this tender will be irrevocable and open for acceptance by the <i>Owner</i> for a period of <u>60</u> calendar days from the day following the <i>Tender Closing Date and Time</i> , even if the tender of another tenderer is accepted by the <i>Owner</i> . If within this period the <i>Owner</i> delivers a written notice (" <i>Notice of Award</i> ") by which the <i>Owner</i> accepts our tender we will: <ul style="list-style-type: none"> <li>5.1.1 within 15 <i>Days</i> of receipt of the written <i>Notice of Award</i> deliver to the <i>Owner</i>: <ul style="list-style-type: none"> <li>.1 a Performance Bond and a Labour and Material Payment Bond, each in the amount of 50% of the Contract Price, covering the performance of the Work including the Contractor's obligations during the Maintenance Period, 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 <i>Owner</i>;</li> <li>.2 a Baseline Construction Schedule, as provided by GC 4.6.1;</li> <li>.3 a "clearance letter" indicating that the tenderer is in Worksafe BC compliance;</li> <li>.4 a copy of the insurance policies as specified in GC 24 indicating that all such insurance coverage is in place; and</li> <li>.5 all documents as detailed by paragraph 4.6 of the Instructions to Tenderers – Part 1.</li> </ul> </li> <li>5.1.2 within 2 <i>Days</i> of the <i>Notice to Proceed</i>, commence work; and</li> <li>5.1.3 sign the Contract Documents as required by GC 2.1.2.</li> </ul>

**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 us to enter into the *Contract* and the *Owner* may, on written notice to us, award the *Contract* to another party. 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 our *Tender Price* is less than the amount for which the *Owner* contracts with another party to perform the *Work*.

**OUR ADDRESS IS AS  
FOLLOWS:**

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Phone: 

---

Email: 

---

Attention: 

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This Tender is executed this  
\_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_\_.

*Contractor:*

\_\_\_\_\_  
(FULL LEGAL NAME OF CORPORATION, PARTNERSHIP OR INDIVIDUAL)

\_\_\_\_\_  
(AUTHORIZED SIGNATORY)

\_\_\_\_\_  
(AUTHORIZED SIGNATORY)

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**APPENDIX 1**  
**SCHEDULE OF QUANTITIES AND PRICES**  
(SEE PARAGRAPH 5.3.1 OF THE INSTRUCTIONS TO TENDERERS – PART II)

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

Any work called for in these Contract Documents, shown on the plans, or which is necessary for the completion of the Work called for in these Contract Documents and which is not specifically listed as a separate payment item in this Appendix shall be deemed incidental to the performance of the Work and to the general purpose of the Contract; no separate payment will be made on account of any such Work, but the costs of any such incidental Work shall be included in the Unit and Lump Sum Prices.

**TILlicum AND LAMPSON – ACTIVE TRANSPORTATION IMPROVEMENTS**

**TENDER SUMMARY SHEET**

<b>Lampson Street – Project 1</b>		<b>AMOUNT</b>
1.0	Project 1 – Lampson Street	
	1.0 SUBTOTAL TENDER PRICE	_____
	GST @ 5%	_____
	<b>1.0 TENDER PRICE plus GST</b>	_____
<b>Tillicum Road – Project 2</b>		<b>AMOUNT</b>
2.0	Project 2 – Tillicum Road	
	2.0 SUBTOTAL TENDER PRICE	_____
	GST @ 5%	_____
	<b>2.0 TENDER PRICE plus GST</b>	_____

TENDER'S INITIALS \_\_\_\_\_

<b>Bullen Driveway Access – Project 3 - Optional</b>	<b>AMOUNT</b>
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2.0    Project 3 – Bullen Driveway Access

3.0 SUBTOTAL TENDER PRICE

GST @ 5%

3.0 TENDER PRICE plus GST

TENDER'S INTITIALS

### Lampson Active Transportation Improvements

ITEM	SSMP REF.	DESCRIPTION	Unit	Est. Qty.	Unit Price	Amount
<b>DIVISION 1 - GENERAL REQUIREMENTS</b>						
<b>01 52 01</b>		<b>Temporary Structures</b>				
	1.6.2S	Mobilization/Demobilization	Lump Sum	1		
	1.6.3S	Contaminated Soil Testing	Lump Sum	1		
<b>01 55 00</b>		<b>Traffic Control, Vehicle Access and Parking</b>				
	1.5.1	Traffic Management Plan	Lump Sum	1		
	1.5.2S	Traffic Control, Vehicle Access and Parking	Lump Sum	1		
<b>DIVISION 3 - CONCRETE</b>						
<b>03 30 20</b>		<b>Concrete Walks, Curb And Gutter</b>				
	1.4.3S	<b>Hand And Machine Formed Curb and Gutter</b> Hand Formed Curb and Gutter - Concrete Barrier - MMCD Type C4 - Including Granular Base	Lineal Metre	330		
	1.4.3S	<b>Hand Formed Curb and Gutter</b> Concrete Barrier - Landscape Median Curb	Lineal Metre	29		
	1.4.5S	<b>Concrete Walks, Infill Strips, and Walkways</b> Including Ramps and Granular Base - Broom Finish	Square Metre	596		
	1.4.6S	<b>Concrete Driveway Crossings</b> Per STD DWG TOE-SD-C7a including granular base	each	2		
	1.4.12S	<b>Concrete Medians - Type 1 (Varying Heights)</b> Including Rebar Pins and Grout - Broom Finish	Square Metre	105		
<b>03 40 01</b>		<b>Pre-Cast Concrete</b>				
	1.4.4S	<b>Precast Concrete Sanderson Curbs</b> Standard Curb – Including layout and 15M rebar pinning	each	248		
	1.4.4S	<b>Precast Concrete Sanderson Curbs</b> Bull Nose Curb End. - Including layout and 15M rebar pinning	each	36		
	1.4.4S	<b>Precast Concrete Calgary Curbs</b> Including layout and flange mount for 2-3/8" sign post	each	2		
<b>DIVISION 31 - EARTHWORK</b>						
<b>31 22 16</b>		<b>Reshaping Granular Roadbed</b>				
	1.4.1	<b>Reshaping Granular Roadbed - Optional</b> c/w Proof Rolling	Square Metre	22		
<b>31 23 01</b>		<b>Excavating, Trenching and Backfilling</b>				
	1.10.3	<b>Over excavating - Optional</b> Including Backfilling	Cubic meters	95		
<b>31 23 17</b>		<b>Rock Removal</b>				
	1.6.3	<b>Mass Rock - Optional</b>	Cubic Metre	10		
<b>31 24 13</b>		<b>Roadway Excavation, Embankment and Compaction</b>				
	1.8.5S	<b>Common Excavation</b> Remove Existing Asphalt Pavement, Sidewalks - Including Sawcutting	Square Metre	379		

	1.8.5S	<b>Common Excavation</b> Softscaped Areas	Cubic meters	53		
	1.8.5S	<b>Common Excavation</b> Remove Existing Concrete Pavement, Median, Sidewalks, Utility Strips, Driveways and Pavers - Including Sawcutting	Square Metre	385		
	1.8.5S	<b>Common Excavation</b> Roadway and sidewalk	Cubic meters	109		
	1.8.5S	<b>Common Excavation</b> Remove Existing Concrete Curb and Gutter - Including Sawcutting	Lineal Metres	345		
<b>DIVISION 32 - ROAD AND SITE IMPROVEMENTS</b>						
<b>32 01 16.7</b>		<b>Cold Milling</b>				
	1.5.1S	<b>Cold Milling</b> 0-50mm thickness	Square Metre	6549		
	1.5.1S	<b>Cold Milling</b> Full depth 50mm -150mm	Square Metre	1019		
<b>32 11 16.1</b>		<b>Granular Sub-Base</b>				
	1.4.3	<b>75mm Minus Granular Sub-Base - Bulk Fill (Optional)</b> 200mm thickness	Square Metre	139		
<b>32 11 23</b>		<b>Granular Base</b>				
	1.4.1S	<b>19mm Minus Crushed Granular Base (Optional)</b> 100-150mm Thickness	Square Metre	330		
<b>32 12 13.1</b>		<b>Asphalt Tack Coat</b>				
	1.5.1	<b>Asphalt Tack Coat</b>	Square Metres	6549		
<b>32 12 13.2</b>		<b>Asphalt Prime</b>				
	1.5.1	<b>Asphalt Prime</b>	Square Metres	396		
<b>32 12 16</b>		<b>Hot-Mix Asphalt Concrete Paving</b>				
	1.5.1S, 1.5.2	<b>Machine Laid - Upper Course #1</b> 50mm Thick	Square Metres	6549		
	1.5.1S, 1.5.3	<b>Machine Laid - Lower Course #1</b> 35mm Thick adjacent to new curb	Square Metres	330		
	1.5.3	<b>Asphalt Driveway Tie-ins</b> 50mm Thickness Machine Laid Hot Mix Asphalt	Square Metres	13		
	1.5.10S	<b>Raised Speed Humps - Upper Course #1</b>	each	3		
<b>32 17 23</b>		<b>Painted Pavement Markings</b>				
	1.5.2, 1.5.3	<b>Permanent Thermoplastic Pavement Markings</b>	Lump Sum	1		
		<b>MMA</b> Including Stencils within Green Conflict Paint	Square Metres	557		
<b>32 31 13</b>		<b>Chain Link Fences &amp; Gates</b>				
	1.5.4	<b>Pexco City Posts 24" C/W 2-3" HI White Bands, surface mount</b> Supply and Install	each	199		
	1.5.5S	<b>Install Only - Steel Bollard on Median</b>	each	1		
<b>32 91 21</b>		<b>Topsoil and Finish Grading</b>				
	1.4.1S	<b>Boulevard Topsoil</b> (150mm Thickness)	Square Metres	34		

UNIT  
PRICE  
CONTRACT

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32 92 20		Seeding				
	1.8.1	Seeding	Square Metres	34		
<b>DIVISION 33 - UTILITIES</b>						
33 40 01		Storm Sewers				
	1.6.5	Catchbasin/Lawn Basin Lead 150mm Diameter SDR28 PVC c/w Tee Connection to Storm Sewer.	Lineal Metres	1		
	1.6.9	Tie-ins to Existing Storm System	each	2		
33 44 01		Manholes and Catch basins				
	1.5.2	Catch basin Top Inlet Per ToE STD DWG	Each	2		
	1.5.2	Adjust Manhole to Finished Grade Includes Third Party Manholes	Each	18		
	1.5.3	Adjust Valves, Junction Boxes, Inspection Chambers to Finished Grade	Each	37		
	1.5.4	Remove Existing Catchbasins c/w Cap of Existing Leads - Offsite Disposal	Each	2		
<b>DIVISION 34 - TRANSPORTATION</b>						
34 41 13		Traffic Signals				
	26 56 01 1.9.1/ 34 41 13 1.9.2	Pole Modifications - Lampson St at Esquimalt Rd	Lump Sum	1		
	26 56 01 1.9.1/ 34 41 13 1.9.3	RRFB - Lampson St at Fernhill Rd	Lump Sum	1		
	26 56 01 1.9.1/ 34 41 13 1.9.4	Pole Modifications - Lampson St at Old Esquimalt Rd	Lump Sum	1		
	26 56 01 1.9.1/ 34 41 13 1.9.5	Pole Modifications - Lampson St at Wurtele PI (Optional)	Lump Sum	1		
	26 56 01 1.9.1/ 34 41 13 1.9.6	RRFB - Lampson St at Devonshire Rd	Lump Sum	1		
	26 56 01 1.9.1/ 34 41 13 1.9.7	RRFB - Lampson St at Colville Rd	Lump Sum	1		
	26 56 01 1.9.1/ 34 41 13 1.9.8	RRFB - Lampson St at Craigflower Rd	Lump Sum	1		
	26 56 01 1.9.1/ 34 41 13 1.9.6	Overhead Lane Sign – Tillicum Rd at Esquimalt Gorge Vale Golf Course (Optional)	Lump Sum	1		
	1.9.4S	Supply and Install New Sign and Post Including Base – including coring and grout	Each	32		
	1.9.4S	Supply New Sign and Install on New or Existing Post	Each	42		
	1.9.4S	Relocate Existing Sign	Each	2		
<b>Lampson Active Transportation Improvements Subtotal</b>						

### Tillicum Active Transportation Improvements

ITEM	SSMP REF.	DESCRIPTION	Unit	Est. Qty.	Unit Price	Amount
<b>DIVISION 1 - GENERAL REQUIREMENTS</b>						
<b>01 52 01</b>		<b>Temporary Structures</b>				
	1.6.2S	Mobilization/Demobilization	Lump Sum	1		
	1.6.3S	Contaminated Soil Testing	Lump Sum	1		
<b>01 55 00</b>		<b>Traffic Control, Vehicle Access and Parking</b>				
	1.5.1	Traffic Management Plan	Lump Sum	1		
	1.5.2S	Traffic Control, Vehicle Access and Parking	Lump Sum	1		
<b>DIVISION 3 - CONCRETE</b>						
<b>03 30 20</b>		<b>Concrete Walks, Curb And Gutter</b>				
	1.4.3S	<b>Hand And Machine Formed Curb and Gutter</b> Hand Formed Curb and Gutter - Concrete Barrier - MMCD Type C4 - Including Granular Base	Lineal Metre	126		
	1.4.3S	<b>Hand Formed Curb and Gutter</b> Concrete Barrier - Landscape Median Curb	Lineal Metre	42		
	1.4.5S	<b>Concrete Walks, Infill Strips, and Walkways</b> Including Ramps and Granular Base - Broom Finish	Square Metre	209		
	1.4.6S	<b>Concrete Driveway Crossings</b> Per STD DWG TOE-SD-C7a including granular base	each	1		
	1.4.12S	<b>Concrete Medians - Type 1 (Varying Heights)</b> Including Rebar Pins and Grout - Broom Finish	Square Metre	57		
<b>03 30 53</b>		<b>Cast-In-Place Concrete</b>				
	1.4.4S	<b>Precast Concrete Sanderson Curbs.</b> Standard Curb – Including layout and 15M rebar pinning	each	113		
	1.4.4S	<b>Precast Concrete Sanderson Curbs.</b> Bull Nose Curb End. - Including layout and 15M rebar pinning	each	55		
<b>DIVISION 31 - EARTHWORK</b>						
<b>31 22 16</b>		<b>Reshaping Granular Roadbed</b>				
	1.4.1	<b>Reshaping Granular Roadbed - Optional</b> c/w Proof Rolling	Square Metre	8		
<b>31 23 01</b>		<b>Excavating, Trenching and Backfilling</b>				
	1.10.3	<b>Over excavating - Optional</b> Including Backfilling	Cubic meters	95		
<b>31 23 17</b>		<b>Rock Removal</b>				
	1.6.3	<b>Mass Rock - Optional</b>	Cubic Metre	10		
<b>31 24 13</b>		<b>Roadway Excavation, Embankment and Compaction</b>				
	1.8.5S	<b>Common Excavation</b> Remove Existing Asphalt Pavement, Sidewalks - Including Sawcutting	Square Metre	128		
	1.8.5S	<b>Common Excavation</b> Softscaped Areas	Cubic meters	5		



	1.8.5S	<b>Common Excavation</b> Remove Existing Concrete Pavement, Median, Sidewalks, Utility Strips, Driveways and Pavers - Including Sawcutting	Square Metre	152		
	1.8.5S	<b>Common Excavation</b> Roadway and sidewalk	Cubic meters	42		
	1.8.5S	<b>Common Excavation</b> Remove Existing Concrete Curb and Gutter - Including Sawcutting	Lineal Metres	127		
<b>DIVISION 32 - ROAD AND SITE IMPROVEMENTS</b>						
<b>32 01 16.7</b>		<b>Cold Milling</b>				
	1.5.1S	<b>Cold Milling</b> 0-50mm thickness	Square Metre	9300		
	1.5.1S	<b>Cold Milling</b> Full depth 50mm -150mm	Square Metre	930		
<b>32 11 16.1</b>		<b>Granular Sub-Base</b>				
	1.4.3	<b>75mm Minus Granular Sub-Base - Bulk Fill (Optional)</b> 200mm thickness	Square Metre	10		
<b>32 11 23</b>		<b>Granular Base</b>				
	1.4.1S	<b>19mm Minus Crushed Granular Base (Optional)</b> (100-150mm thickness)	Square Metre	126		
<b>32 12 13.1</b>		<b>Asphalt Tack Coat</b>				
	1.5.1	<b>Asphalt Tack Coat</b>	Square Metres	9300		
<b>32 12 13.2</b>		<b>Asphalt Prime</b>				
	1.5.1	<b>Asphalt Prime</b>	Square Metres	151		
<b>32 12 16</b>		<b>Hot-Mix Asphalt Concrete Paving</b>				
	1.5.1S, 1.5.2	<b>Machine Laid - Upper Course #1</b> 50mm Thick	Square Metres	9300		
	1.5.1S, 1.5.3	<b>Machine Laid - Lower Course #1</b> 35mm Thick adjacent to new curb	Square Metres	126		
<b>32 17 23</b>		<b>Painted Pavement Markings</b>				
	1.5.2, 1.5.3	<b>Permanent Thermoplastic Pavement Markings</b>	Lump Sum	1		
		<b>MMA</b> Including Stencils within Green Conflict Paint	Square Metres	354		
<b>32 31 13</b>		<b>Chain Link Fences &amp; Gates</b>				
	1.5.5S	<b>Pexco City Posts 24" C/W 2-3" HI White Bands, surface mount</b> Supply and Install	each	66		
	1.5.5S	<b>Install Only - Steel Bollard on Median</b>	each	3		
<b>32 91 21</b>		<b>Topsoil and Finish Grading</b>				
	1.4.1S	<b>Boulevard Topsoil</b> (150mm Thickness)	Square Metres	15		
<b>32 92 23</b>		<b>Seeding</b>				
	1.8.1	<b>Seeding</b>	Square Metres	15		

UNIT  
PRICE  
CONTRACT

ENG 23-01  
TILlicum AND LAMPSON – ACTIVE  
TRANSPORTATION IMPROVEMENTS  
FORM OF TENDER

FORM OF TENDER  
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DIVISION 33 - UTILITIES						
33 40 01		Storm Sewers				
	1.6.5	Catchbasin/Lawn Basin Lead 150mm Diameter SDR28 PVC c/w Tee Connection to Storm Sewer.	Lineal Metres	4.5		
	1.6.9	Tie-ins to Existing Storm System	each	1		
33 44 01		Manholes and Catch basins				
	1.5.2	Catch basin Top Inlet Per ToE STD DWG	Each	1		
	1.5.2	Adjust Manhole to Finished Grade Includes Third Party Manholes	Each	15		
	1.5.3	Adjust Valves, Junction Boxes, Inspection Chambers to Finished Grade	Each	24		
	1.5.4	Remove Existing Catchbasins c/w Cap of Existing Leads - Offsite Disposal	Each	1		
DIVISION 34 - TRANSPORTATION						
34 41 13		Traffic Signals				
	26 56 01 1.9.1/ 34 41 13 1.9.2	Pole Modifications - Tillicum Rd at Craigflower Rd	Lump Sum	1		
	26 56 01 1.9.1/ 34 41 13 1.9.3	RRFB - Tillicum Rd at Selkirk Rd	Lump Sum	1		
	26 56 01 1.9.1/ 34 41 13 1.9.4	RRFB - Tillicum Rd at Gorge Park	Lump Sum	1		
	26 56 01 1.9.1/ 34 41 13 1.9.5	Overhead Lane Sign - Tillicum Rd at Gorge Park - (Optional)	Lump Sum	1		
	1.9.4S	Supply and Install New Sign and Post Including Base – including coring and grout	Each	10		
	1.9.4S	Supply New Sign and Install on New or Existing Post	Each	30		
	1.9.4S	Relocate Existing Sign	Each	2		
	1.9.4S	Supply New Post and Base Including Coring	Each	2		
	1.9.4S	Remove Existing Sign and/or Post and Return to Public Works	Each	2		
Tillicum Active Transportation Improvements Subtotal						

### Bullen Park Driveway Entrance (Optional)

ITEM	SSMP REF.	DESCRIPTION	Unit	Est. Qty.	Unit Price	Amount
<b>DIVISION 1 - GENERAL REQUIREMENTS</b>						
<b>01 52 01</b>		<b>Temporary Structures</b>				
	1.6.2S	Mobilization/Demobilization (Optional)	Lump Sum	1		
	1.6.3S	Contaminated Soil Testing (Optional)	Lump Sum	1		
<b>01 55 00</b>		<b>Traffic Control, Vehicle Access and Parking</b>				
	1.5.1	Traffic Management Plan (Optional)	Lump Sum	1		
	1.5.2S	Traffic Control, Vehicle Access and Parking (Optional)	Lump Sum	1		
<b>03 30 20</b>		<b>Concrete Walks, Curb And Gutter</b>				
	1.4.3S	<b>Hand And Machine Formed Curb and Gutter (Optional)</b> Hand Formed Curb and Gutter - Concrete Barrier - MMCD Type C4 - Including Granular Base	Lineal Metre	40		
	1.4.5S	<b>Concrete Walks, Infill Strips, and Walkways (Optional)</b> Including Ramps and Granular Base - Broom Finish	Square Metre	70		
	1.4.6S	<b>Concrete Driveway Crossings (Optional)</b> Per STD DWG TOE-SD-C7a including granular base	each	1		
<b>31 23 01</b>		<b>Excavating, Trenching and Backfilling</b>				
	1.10.3	<b>Over excavating (Optional)</b> Including Backfilling	Cubic meters	5		
<b>31 24 13</b>		<b>Roadway Excavation, Embankment and Compaction</b>				
	1.8.5S	<b>Common Excavation (Optional)</b> Remove Existing Asphalt Pavement, Sidewalks - Including Sawcutting	Square Metre	150		
	1.8.5S	<b>Common Excavation (Optional)</b> Softscaped Areas	Cubic meters	1		
	1.8.5S	<b>Common Excavation (Optional)</b> Remove Existing Concrete Pavement, Median, Sidewalks, Utility Strips, Driveways and Pavers - Including Sawcutting	Square Metre	50		
	1.8.5S	<b>Common Excavation (Optional)</b> Roadway and sidewalk	Cubic meters	13		
	1.8.5S	<b>Common Excavation (Optional)</b> Remove Existing Concrete Curb and Gutter - Including Sawcutting	Lineal Metres	30		
<b>32 11 23</b>		<b>Granular Base</b>				
	1.4.1S	<b>19mm Minus Crushed Granular Base (Optional)</b> 100-150mm Thickness	Square Metre	85		
<b>32 12 13.1</b>		<b>Asphalt Tack Coat</b>				
	1.5.1	<b>Asphalt Tack Coat (Optional)</b>	Square Metres	85		
<b>32 12 13.2</b>		<b>Asphalt Prime</b>				

	1.5.1	<b>Asphalt Prime (Optional)</b>	Square Metres	48		
<b>32 12 16</b>		<b>Hot-Mix Asphalt Concrete Paving</b>				
	1.5.1S, 1.5.2	<b>Machine Laid - Upper Course #1 (Optional)</b> 50mm Thick	Square Metres	85		
<b>32 17 23</b>		<b>Painted Pavement Markings</b>				
	1.5.2, 1.5.3	<b>Permanent Thermoplastic Pavement Markings (Optional)</b>	Lump Sum	1		
<b>32 91 21</b>		<b>Topsoil and Finish Grading</b>				
	1.4.1S	<b>Boulevard Topsoil (Optional)</b> (150mm Thickness)	Square Metres	7		
<b>32 92 20</b>		<b>Seeding</b>				
	1.8.1	<b>Seeding (Optional)</b>	Square Metres	7		
<b>33 40 01</b>		<b>Storm Sewers</b>				
	1.6.5	<b>Catchbasin/Lawn Basin Lead (Optional)</b> 150mm Diameter SDR28 PVC c/w Tee Connection to Storm Sewer.	Lineal Metres	5		
	1.6.9	<b>Tie-ins to Existing Storm System (Optional)</b>	each	1		
<b>33 44 01</b>		<b>Manholes and Catch basins</b>				
	1.5.2	<b>Silt Trap (Optional)</b> Including Frame and Cover	Each	1		
	1.5.2	<b>Adjust Manhole to Finished Grade (Optional)</b> Includes Third Party Manholes	Each	1		
<b>34 41 13</b>		<b>Traffic Signals</b>				
	1.9.4S	<b>Supply and Install New Sign and Post (Optional)</b> Including Base – including coring and grout	Each	1		
	1.9.4S	<b>Relocate Existing Sign and Post (Optional)</b>	Each	3		
<b>Bullen Park Entrance Subtotal</b>						



**APPENDIX 3**  
**EXPERIENCE OF SUPERINTENDENT**  
(SEE PARAGRAPH 5.3.3 OF THE INSTRUCTIONS TO TENDERERS – PART II)

**Name:** \_\_\_\_\_

**Experience:** \_\_\_\_\_

**Dates:** \_\_\_\_\_

Project Name: \_\_\_\_\_

Responsibility: \_\_\_\_\_

**References:** \_\_\_\_\_

**Dates:** \_\_\_\_\_

Project Name: \_\_\_\_\_

Responsibility: \_\_\_\_\_

**References:** \_\_\_\_\_

**Dates:** \_\_\_\_\_

Project Name: \_\_\_\_\_

Responsibility: \_\_\_\_\_

**References:** \_\_\_\_\_

**Dates:** \_\_\_\_\_

Project Name: \_\_\_\_\_

Responsibility: \_\_\_\_\_

**References:** \_\_\_\_\_

**APPENDIX 4**  
**COMPARABLE WORK EXPERIENCE**  
(SEE PARAGRAPH 5.3.4 OF THE INSTRUCTIONS TO TENDERERS – PART II)

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

**APPENDIX 5**  
**SUBCONTRACTORS**

(SEE PARAGRAPH 5.3.5 OF THE INSTRUCTIONS TO TENDERERS – PART II)

TENDER ITEM	TRADE	SUBCONTRACTOR NAME	PHONE NUMBER



( FOR USE WHEN UNIT PRICES FORM THE BASIS OF PAYMENT TO BE USED ONLY WITH THE GENERAL CONDITIONS AND  
OTHER STANDARD DOCUMENTS OF THE UNIT PRICE MASTER MUNICIPAL CONSTRUCTION DOCUMENTS.)

BETWEEN *OWNER* AND *CONTRACTOR*

This agreement made in duplicate this

\_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_.

*Contract:* **TILlicum AND LAMPSON – ACTIVE TRANSPORTATION IMPROVEMENTS**  
( TITLE OF CONTRACT )

Reference No.: **ENG 23-01**  
(OWNER'S CONTRACT REFERENCE NO. )

BETWEEN:

The Corporation of the Township of Esquimalt

( NAME OF OWNER )

(the "*Owner*")

AND:

( NAME AND OFFICE ADDRESS OF CONTRACTOR )

(the "*Contractor*")

The *Owner* and the *Contractor* agree as follows:

**Article 1 The Work Start  
/ Completion  
Dates**

- 1.1 The *Contractor* will perform all *Work* and provide all labour, equipment and material and do all things strictly as required by the *Contract Documents*.
- 1.2 The *Contractor* will commence the *Work* in accordance with the *Notice to Proceed*. The *Contractor* will proceed with the *Work* diligently, will perform the *Work* generally in accordance with the construction schedules as required by the *Contract Documents* and will achieve *Substantial Performance* of the *Work* on or before **December 31, 2023** subject to  
(INSERT DATE OF SUBSTANTIAL PERFORMANCE )  
the provisions of the *Contract Documents* for adjustments to the *Contract Time*.
- 1.3 Time shall be of the essence of the *Contract*.

**Article 2    Contract Documents**

- 2.1        The “Contract Documents” consist of the documents listed or referred to in Schedule 1, entitled “Schedule of Contract Documents”, which is attached and forms a part of this Agreement, and includes any and all additional and amending documents issued in accordance with the provisions of the Contract Documents. All of the Contract Documents shall constitute the entire *Contract* between the *Owner* and the *Contractor*.
- 2.2        The *Contract* supersedes all prior negotiations, representations or agreements, whether written or oral, and the *Contract* may be amended only in strict accordance with the provisions of the Contract Documents.

**Article 3    Contract Price**

- 3.1        The price for the *Work* (“Contract Price”) shall be the sum in Canadian dollars of the following:
- a)    the product of the actual quantities of the items of *Work* listed in the Schedule of Quantities and Prices which are incorporated into or made necessary by the *Work* and the unit prices listed in the Schedule of Quantities and Prices; plus
  - b)    all lump sums, if any, as listed in the Schedule of Quantities and Prices, for items relating to or incorporated into the *Work*; plus
  - c)    any adjustments, including any payments owing on account of *Changes* and agreed to Extra Work, approved in accordance with the provisions of the Contract Documents.
- 3.2        The Contract Price shall be the entire compensation owing to the *Contractor* for the *Work* and this compensation shall cover and include all profit and all costs of supervision, labour, material, equipment, overhead, financing, and all other costs and expenses whatsoever incurred in performing the *Work*.

**Article 4    Payment**

- 4.1        Subject to applicable legislation and the provisions of the Contract Documents, the *Owner* shall make payments to the *Contractor*.
- 4.2        If the *Owner* fails to make payments to the *Contractor* as they become due in accordance with the terms of the Contract Documents then interest calculated at 2% per annum over the prime commercial lending rate of the Royal Bank of Canada on such unpaid amounts shall also become due and payable until payment. Such interest shall be calculated and added to any unpaid amounts monthly.

**Article 5    Rights and Remedies**

- 5.1        The duties and obligations imposed by the Contract Documents and the rights and remedies available thereunder shall be in addition to and not a limitation of any duties, obligations, rights and remedies otherwise imposed or available by law.
- 5.2        Except as specifically set out in the Contract Documents, no action or failure to act by the *Owner*, Contract Administrator or *Contractor* shall constitute a waiver of any of the parties’ rights or duties afforded under the *Contract*, nor shall any

such action or failure to act constitute an approval of or acquiescence in any breach under the *Contract*.

## Article 6 Notices

- 6.1 Communications among the *Owner*, the *Contract Administrator* and the *Contractor*, including all written notices required by the *Contract Documents*, may be delivered by hand, or by fax, or by pre-paid registered mail to the addresses as set out below:

### The *Owner*:

Corporation of The Township of Esquimalt

1229 Esquimalt Road

Esquimalt, BC V9A 3P1

Email: [charles.davie@esquimalt.ca](mailto:charles.davie@esquimalt.ca)

Attention: Charles Davie

### The *Contractor*:

Email:

Attention:

### The *Contract Administrator*:

ISL Engineering and Land Services Ltd.

1051 Vancouver Street

Victoria, BC V8V 3K3

Email: [bormiston@islengineering.com](mailto:bormiston@islengineering.com)

Attention: Brad Ormiston, ASCT

- 6.2 A communication or notice that is addressed as above shall be considered to have been received
- a) immediately upon delivery, if delivered by hand; or
  - b) immediately upon transmission if sent by fax and received in hard copy; or
  - c) after 5 Days from date of posting if sent by registered mail.

- 6.3 The *Owner* or the *Contractor* may, at any time, change its address for notice by giving written notice to the other at the address then applicable. Similarly, if the *Contract Administrator* changes its address for notice, then the *Owner* will give or cause to be given written notice to the *Contractor*.
- 6.4 The sender of a notice by fax assumes all risk that the fax is received in hard copy.

## Article 7 General

- 7.1 This *Contract* shall be construed according to the laws of British Columbia.
- 7.2 The *Contractor* shall not, without the express written consent of the *Owner*, assign this *Contract*, or any portion of this *Contract*.
- 7.3 The headings included in the *Contract Documents* are for convenience only and do not form part of this *Contract* and will not be used to interpret, define or limit the scope or intent of this *Contract* or any of the provisions of the *Contract Documents*.
- 7.4 A word in the *Contract Documents* in the singular includes the plural and, in each case, vice versa.
- 7.5 This agreement shall ensure to the benefit of and be binding upon the parties and their successors, executors, administrators and assigns.

IN WITNESS WHEREOF the parties hereto have executed this Agreement the day and year first written above.

*Contractor:*

\_\_\_\_\_  
(FULL LEGAL NAME OF CORPORATION, PARTNERSHIP OR INDIVIDUAL)

\_\_\_\_\_  
(AUTHORIZED SIGNATORY)

\_\_\_\_\_  
(AUTHORIZED SIGNATORY)

*Owner:*

\_\_\_\_\_  
THE CORPORATION OF THE TOWNSHIP OF ESQUIMALT

(FULL LEGAL NAME OF CORPORATION, PARTNERSHIP OR INDIVIDUAL)

\_\_\_\_\_  
(AUTHORIZED SIGNATORY)

\_\_\_\_\_  
(AUTHORIZED SIGNATORY)

(INCLUDE IN LIST ALL DOCUMENTS INCLUDING, IF ANY, SUPPLEMENTARY GENERAL CONDITIONS,  
SUPPLEMENTARY SPECIFICATIONS, SUPPLEMENTARY STANDARD DETAIL DRAWINGS.)

### **SCHEDULE 1 – SCHEDULE OF CONTRACT DOCUMENTS**

The following is an exact and complete list of the Contract Documents, as referred to in Article 2.1 of the Agreement.

**NOTE:** The documents noted with “\*” are contained in the “Master Municipal Construction Documents - General Conditions, Specifications and Standard Detail Drawings”, edition dated 2019. All sections of this publication are included in the Contract Documents.

1. Agreement, including all Schedules;
2. Supplementary General Conditions;
3. General Conditions\*;
4. Supplementary Standard Detail Drawings;
5. Supplementary Specifications;
6. Specifications\*;
7. Standard Detail Drawings\*;
8. Executed Form of Tender, including all Appendices;
9. Contract Drawings listed in Schedule 2 to the Agreement – “List of Contract Drawings”;
10. Instructions To Tenderers - Part I;
11. Instructions to Tenderers - Part II\*;
12. The following Addenda:

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( ADDENDA, IF ANY )

(COMPLETE LISTING OF ALL DRAWINGS, PLANS AND SKETCHES WHICH ARE TO FORM A PART OF THE CONTRACT, OTHER THAN STANDARD DETAIL DRAWINGS AND SUPPLEMENTARY STANDARD DETAIL DRAWINGS.)

**SCHEDULE 2 – LIST OF CONTRACT DRAWINGS**

SHEET NO.	DRAWING TITLE	DRAWING DESCRIPTION
0	COVER	COVER
1	GENERAL NOTES	GENERAL NOTES
2	ROAD REHAB, REMOVALS AND ERADICATION	STA 9+750 TO STA 12+010
3	PAVEMENT MARKINGS AND SIGNAGE	LEGEND
4	CIVIL, PAVEMENT MARKINGS AND SIGNAGE	STA 9+750 TO STA 9+880
5	CIVIL, PAVEMENT MARKINGS AND SIGNAGE	STA 9+880 TO STA 10+000
6	CIVIL, PAVEMENT MARKINGS AND SIGNAGE	STA 10+000 TO STA 10+150
7	CIVIL, PAVEMENT MARKINGS AND SIGNAGE	STA 10+150 TO STA 10+300
8	CIVIL, PAVEMENT MARKINGS AND SIGNAGE	STA 10+300 TO STA 10+450
9	CIVIL, PAVEMENT MARKINGS AND SIGNAGE	STA 10+450 & 20+000 TO STA 10+510 & 20+085
10	CIVIL, PAVEMENT MARKINGS AND SIGNAGE	STA 10+510 TO STA 10+630
11	CIVIL, PAVEMENT MARKINGS AND SIGNAGE	STA 10+630 TO STA 10+750
12	CIVIL, PAVEMENT MARKINGS AND SIGNAGE	STA 10+750 TO STA 10+880
13	CIVIL, PAVEMENT MARKINGS AND SIGNAGE	STA 10+880 TO STA 11+030
14	CIVIL, PAVEMENT MARKINGS AND SIGNAGE	STA 11+030 TO STA 11+180
15	CIVIL, PAVEMENT MARKINGS AND SIGNAGE	STA 11+180 TO STA 11+330
16	CIVIL, PAVEMENT MARKINGS AND SIGNAGE	STA 11+330 TO STA 11+450
17	CIVIL, PAVEMENT MARKINGS AND SIGNAGE	STA 11+450 TO STA 11+540
18	CIVIL, PAVEMENT MARKINGS AND SIGNAGE	STA 11+540 TO STA 11+700
19	CIVIL, PAVEMENT MARKINGS AND SIGNAGE	STA 11+700 TO STA 11+850
20	CIVIL, PAVEMENT MARKINGS AND SIGNAGE	STA 11+850 TO STA 12+010
21	CIVIL, PAVEMENT MARKINGS AND SIGNAGE	STA 30+030 TO STA 30+250
22	CIVIL, PAVEMENT MARKINGS AND SIGNAGE	STA 30+250 TO STA 30+410
23	CIVIL DETAILS	TYPICAL DETAILS
24	CIVIL DETAILS	TYPICAL SECTIONS
25	CIVIL DETAILS	MMCD SUPPLEMENTALS
26	CIVIL DETAILS	MMCD SUPPLEMENTALS
27	CIVIL LAYOUT	STA 10+040 TO STA 10+500
28	CIVIL LAYOUT	STA 10+770 TO STA 11+840
E01	NOTES AND LEGEND	
E02	SITE PLAN	

SHEET NO.	DRAWING TITLE	DRAWING DESCRIPTION
E03	SITE PLAN	
E04	SITE PLAN	
E05	SITE PLAN	
E06	SITE PLAN	
E07	SITE PLAN	
E08	SITE PLAN ENLARGEMENT	LAMPSON ST AT ESQUIMALT RD
E09	ELEVATIONS	LAMPSON ST AT ESQUIMALT RD
E10	SITE PLAN ENLARGEMENT	LAMPSON ST AT FERNHILL RD
E11	ELEVATIONS AND DETAILS	LAMPSON ST AT FERNHILL RD
E12	SITE PLAN ENLARGEMENT	LAMPSON ST AT OLD ESQUIMALT RD
E13	ELEVATIONS AND DETAILS	LAMPSON ST AT OLD ESQUIMALT RD
E14	SITE PLAN ENLARGEMENT	LAMPSON ST AT DEVONSHIRE RD
E15	ELEVATIONS AND DETAILS	LAMPSON ST AT DEVONSHIRE RD
E16	SITE PLAN ENLARGEMENT	LAMPSON ST AT COLVILLE RD
E17	ELEVATIONS AND DETAILS	LAMPSON ST AT COLVILLE RD
E18	SITE PLAN ENLARGEMENT	LAMPSON ST AT CRAIGFLOWER RD
E19	ELEVATIONS AND DETAILS	LAMPSON ST AT CRAIGFLOWER RD
E20	SITE PLAN ENLARGEMENT	TILlicum RD AT CRAIGFLOWER RD
E21	ELEVATIONS AND DETAILS	TILlicum RD AT CRAIGFLOWER RD
E22	SITE PLAN ENLARGEMENT	TILlicum RD AT SELKIRK AVE
E23	ELEVATIONS AND DETAILS	TILlicum RD AT SELKIRK AVE
E24	SITE PLAN ENLARGEMENT	TILlicum RD AT ESQUIMALT GORGE PARK
E25	ELEVATIONS AND DETAILS	TILlicum RD AT ESQUIMALT GORGE PARK
B01	ROADWORKS - PLAN AND PROFILE	BULLEN PARK DRIVEWAY ENTRANCE
B02	ROADWORKS - DETAILS	BULLEN PARK DRIVEWAY ENTRANCE

The above drawings are supplemented by the below listed standard detail drawings included with the specifications as follows:

<b>SUPPLEMENTAL DETAIL DRAWINGS</b>	
<b>Drawing Number</b>	<b>Title</b>
TOE-SD-C1.1	CONCRETE SIDEWALK
TOE-SD-C7.1	DRIVEWAY CROSS SECTION
TOE-SD-C7.2	TYPICAL DETAIL DRIVEWAY CROSS SECTIONS
TOE-SD-C9.1	DOUBLE CURB RAMPS (PREFERRED)
TOE-SD-C9.2	LARGE SINGLE CURB RAMP
TOE-SD-C9.3	SINGLE CURB RAMP
TOE-SD-C9.4	T-INTERSECTION OR MID-BLOCK CURB RAMP
TOE-SD-C17	SIGNAGE TRAFFIC SIGN SLEEVE
TOE-SD-G5.1	PAVEMENT RESTORATION
TOE-SD-S7a	INSPECTION CAMBER FOR 100 TO 200 SANITARY AND STORM SEWER SERVICE
TOE-SD-S9a	INSPECTION CHAMBER FOR 100 TO 200 DRAIN & SEWER CONNECTION
TOE-SD-S11.1	TOP INLET CATCH BASIN

MMCD Supplementary Specifications and requirements are supplemental to the "Master Municipal Construction Documents – General Conditions, Specifications and Standard Detail Drawings".

In cases of conflict, the order of precedence for specifications and standards is as per the Supplementary General Conditions, Section 2.2.4, Document Hierarchy.



**ToE – SUPPLEMENTARY GENERAL CONDITIONS**

– Revise the following MMCD Master Municipal General Conditions

<b>GC 2.0 Documents</b>	<b>2.2.4</b>	Document Hierarchy	<p><b>Replace Section (1) with the following:</b> “The Contract Documents shall govern and take precedence in the following order with the Agreement taking precedence over all other Contract Documents:</p> <ul style="list-style-type: none"> <li>a) Agreement</li> <li>b) Addenda</li> <li>c) Supplementary General Conditions</li> <li>d) General Conditions</li> <li>e) Supplemental Detail Drawings</li> <li>f) Supplementary Specifications</li> <li>g) Specifications</li> <li>h) Drawings listed in Schedule 2 to the Agreement</li> <li>i) Standard Detail Drawings</li> <li>j) Executed Form of Tender</li> <li>k) Instructions to Tenderers</li> <li>l) All other Contract Documents.”</li> </ul>
<b>GC 4.0 Contractor</b>	<b>New 4.6.1.1</b>	Construction Schedule	<p>“The Contractor shall schedule and coordinate construction activities:</p> <ul style="list-style-type: none"> <li>• Noise Bylaw: Follow <a href="#">Maintenance of Property, Unightly Properties and Nuisance Bylaw</a>.</li> <li>• Capital Project Coordination: Contractor shall coordinate with other Township led initiatives and third-party contractors.</li> <li>• Development Activity Coordination: Construction activity from other development projects on the corridor that may commence/be active during the construction period.</li> </ul> <p>Special Events: Accommodate occasional special events by providing public access and/or minimizing excessive noise, safety concerns caused by construction. This may include securing and cleaning work area (if required).</p>

GC 4.0 Contractor	New 4.6.1.2	Construction Schedule	"The contractor shall provide bi-weekly schedule updates that include the following: A summary of current and completed activities of the previous 2 week period, and upcoming work or activities in each block or intersection for the following 2 week period. These schedules will be used to improve coordination and provide updates to stakeholders and the general public."
	4.6	Construction Schedule	<b>Amend 4.6.2 by deleting:</b> "monthly" and substituting "monthly or within such shorter time as specified in the <i>Contract Documents</i> ".
GC 18.0 Payment	18.5	Payment	<b>Delete GC 18.5.1 and replace with:</b> "the <i>Owner</i> shall make payment within thirty calendar (30) days of receipt of payment certificate from the <i>Contract Administrator</i> . The actual amount paid is subject to the <i>Owner's</i> rights under law or this <i>Contract</i> to make deductions."
GC 27.0 Archaeological Artifacts	New 27.1.1	Archaeological Artifacts	"Any Archaeological Artifacts discovered by the <i>Contractor</i> shall, as between the <i>Owner</i> and the <i>Contractor</i> , be deemed to be the absolute property of the <i>Owner</i> ".
	New 27.1.2		"The <i>Contractor</i> shall immediately advise the <i>Contract Administrator</i> of the discovery by the <i>Contractor</i> of any Archaeological Artifacts and take all reasonable precautions to protect and preserve same".
	New 27.1.3		"The Contractor will be required to undergo a brief (1 hour) Archaeological Awareness Training session with the Township of Esquimalt prior to excavation activities. The contractor shall follow chance find management procedures outlined by the archaeologist in the Archaeological Awareness Training session and provide the archaeologist access as a guest to the site for review as needed."
GC 28.0 Wages	New 28.1	Wages	"Where applicable, the <i>Contractor</i> and all subcontractors shall provide wages that are at least equal to those paid by The Township when work of a similar or same nature is performed. See <a href="#">Schedule A</a> for the most current collective agreement."

## TOWNSHIP OF ESQUIMALT - SUPPLEMENTARY SPECIFICATIONS

Revise the following MMCD Specifications 2019 Edition

DIVISION 1 - GENERAL REQUIREMENTS			
SECTION	SUB SECTION	TITLE	SUPPLEMENTARY SPECIFICATION
<b>01 52 01</b>		<b>Temporary Structures</b>	
	1.1	Section Includes	<b>Add Clause 1.1.4:</b> "Mobilization/Demobilization."
	1.6	Payment	<p><b>Add Clause 1.6.2:</b> "Payment for mobilization and demobilization shall include all the Contractor costs of mobilization at the beginning of the project and the cost of demobilization at the end of the project.</p> <ol style="list-style-type: none"> <li>1. Included in the mobilization are such items as bonding, insurance, permits, moving personnel, equipment and materials to the site, setting up temporary facilities and all preparation for performing the Work.</li> <li>2. Included in demobilization are preparation and submission of record drawings, operation and maintenance manuals, removal of all personnel, equipment and materials and cleanup of the Site and the Work.</li> <li>3. The lump sum price bid for this work shall be relative to the costs involved but shall not exceed ten percent of the Tender Price.</li> <li>4. Payment shall be made as follows, as approved by the Contract Administrator: <ol style="list-style-type: none"> <li>1. 60% of the lump sum bid will be included in the first progress payment certificate.</li> <li>2. 40% of the lump sum bid will be included in the final progress payment certificate.</li> </ol> </li> <li>5. The Contract Administrator may at their discretion authorize partial payment if mobilization or demobilization is not complete.</li> <li>6. The cost of other items specified under General Requirements shall be considered incidental to the work and separate payment will not be made for any other items in the General Requirements unless specifically noted in the Schedule of Quantities and Prices." </li></ol>
	1.6	Payment	<p><b>Add clause 1.6.3:</b> "Payment for soil testing is to include all labour, equipment, and materials required to complete test holes and samples as required to satisfy local disposal sites and provincial regulations. Payment will be made as a lump sum progressed upon the submitted results of the soil testing as approved by the Contract Administrator."</p>
<b>01 53 01</b>		<b>Temporary Facilities</b>	
	1.1	Section Includes	<b>Add Clause 1.1.5:</b> "Temporary Utility Pole Support During Construction."
	1.11	Temporary Utility Pole Support During Construction	<p><b>Add Clause 1.11:</b> "Temporary Utility Pole Support During Construction."</p> <p><b>Add Clause 1.11.1:</b> "Provide temporary support for Utility Poles (both power and communications) during construction as required to allow for work adjacent to poles."</p> <p><b>Add Clause 1.11.2:</b> "Contractors working on utility poles must be able to perform switching on the BC Hydro system."</p>
<b>01 55 00</b>		<b>Traffic Control, Vehicle Access and Parking</b>	
	1.5	Payment	<b>Add Clause 1.5.2:</b> "Payment for traffic control will be progressed monthly using a percentage based on the overall completion of the project as determined by the Contract Administrator."

DIVISION 3 - CONCRETE			
03 30 20		Concrete Walks, Curbs and Gutter	
	1.4	Measurement and Payment	<b>Delete Clause 1.4.2</b>
	1.4	Measurement and Payment	<b>Revise Clause 1.4.3 to read:</b> "Payment for hand formed or machine placed concrete curbs and gutters includes the supply and placing of concrete curbs and gutters, granular base, granular subbase and will cover all straight and curved sections and will be made separately for each specified type. Granular base and subbase is to extend 300mm beyond toe of curb and back of curb as shown on the contract drawings."
	1.4	Measurement and Payment	<b>Revise Clause 1.4.5 to read:</b> "Payment for infill concrete sidewalks, ramps, and medians includes the supply and placing of concrete, granular base, granular subbase and will cover all straight and curved sections and will be made separately for each specified type as shown on the contract drawings. Granular base and subbase is to extend 300mm beyond toe of curb and back of curb as shown on the contract drawings."
	1.4	Measurement and Payment	<b>Revise Clause 1.4.6:</b> Replace "Standard Detail Drawing C7" with "Township of Esquimalt Standard Detail Drawing TOE-SD-C7a"
	1.4	Measurement and Payment	<b>Add Clause 1.4.12:</b> "Payment for raised concrete medians where shown on the Contract Drawings includes all removals incidental to the works, supply and placing of the concrete, reinforcing, grout, and granular base under raised concrete medians and will be made on a square meter basis separately for each specified thickness and type as determined, measured, and accepted by the Contract Administrator."
03 40 01		Pre-Cast Concrete	
	1.4	Measurement and Payment	<b>Revise clause 1.4.4 to read:</b> "Payment for precast concrete curbs (Sanderson curbs and Calgary curbs) includes supply, delivery, placement (including pinning w/ 15M rebar) at locations shown on the contract drawings. The Contractor is to provide layout to the satisfaction of the Contract Administrator prior to placement. Payment includes standard and bull nose end sections."
DIVISION 31 - EARTHWORK			
31 22 01		Site Grading: Landscaping	
	1.4	Measurement and Payment	<b>Revised Clause 1.4.1 to read:</b> "Measurement for topsoil stripping for disposal offsite will be completed by square meter for actual area stripped as approved by the contract administrator."

31 24 13		Roadway Excavation, Embankment and Compaction	
	1.8	Measurement and Payment	<p><b>Delete Clause 1.8.5 and replace with the following:</b> "Payment for common excavation includes: saw cutting of asphalt and concrete surfaces; removal of existing pavements, concrete road base, curbs, curbs and gutters, sidewalks, utilities strips, and driveways which are removed as part of the operation for common excavation.</p> <p>Measurement for common excavation:</p> <ol style="list-style-type: none"> <li>1. In-place volume will be calculated for payment from cross-sections at sufficient and equal intervals taken by Contract Administrator in areas of excavation.</li> <li>2. Initial cross-sections will be taken after clearing and grubbing and stripping of topsoil, and immediately prior to excavation.</li> <li>3. Final cross-sections will be taken upon completion of excavation to lines and levels required prior to placing of other materials over the excavated surface.</li> <li>4. Payment for on-site re-use includes compaction of the re-used materials.</li> <li>5. Removal of existing asphalt and concrete pavement, sidewalks and driveways will be per m2 of material removed regardless of thickness. Removal extents to be agreed with Contract Administrator prior to commencing work.</li> <li>6. Payment for removal of existing pavements, concrete road base, sidewalks, driveways which are removed for the installation of curb and gutter, electrical, water, sanitary, and storm utilities as shown on Contract Drawings will be made by area.</li> <li>7. Excavation of softscape areas will be per cubic meter and measured by neat line, calculated by multiplying the excavation area by the required excavation depth.</li> <li>8. Removal of existing concrete curb and gutter will be per linear meter of curb removed. Removal extents to be agreed with Contract Administrator prior to commencing work.</li> <li>9. Removal of components noted on the contract drawings will be paid by lump sum and include all disposal or identified delivery costs."</li> </ol>
	1.8	Measurement and Payment	<p><b>Clause 1.8.7 delete:</b> "will be based on weigh tickets provided to Contract Administrator as loads are" <b>replace with:</b> "will be based on cubic metres of compacted material "</p>
DIVISION 32 - ROAD AND SITE IMPROVEMENTS			
32 01 16.7		Cold Milling	
	1.5	Measurement and Payment	<p><b>Add to the end of clause 1.5.1:</b> " Payment to include profile milling as required to ensure positive drainage to curb lines and drainage inlets. "</p>
32 11 23		Granular Base	
	1.4	Measurement and Payment	<p><b>Revise Clause 1.4.1 to read:</b> "Granular base for sidewalk, walkway and concrete curb and gutters is included in payment under Section 03 30 20 - Concrete Walks, Curbs and Gutters. Measurement for granular base of variable compacted thickness between 100mm and 150mm will be for actual compacted area placed as approved by the Contract Administrator. "</p>
32 12 16		Hot-Mix Asphalt Concrete Paving	
	1.5	Measurement and Payment	<p><b>Revised Clause 1.5.1 to read:</b> "Payment for asphaltic concrete paving includes all construction joint preparation, supply and placing of the asphaltic concrete, compaction, adjusting and cleaning of frames, covers and lids of all castings affected and taped temporary pavement markings. Measurement for asphaltic concrete paving will be by square meter of actual placed material as approved by the contract administrator."</p>
	1.5	Measurement and Payment	<p><b>Add clause 1.5.10</b> "Payment for installation of raised speed humps will be made on a per unit basis. Payment will include slot milling, grade preparation, supply and installation of all materials labour and equipment required to complete the installation as specified in the Contract Documents."</p>

<b>32 31 13</b>		<b>Chain Link Fences &amp; Gates</b>	
	1.5	Measurement and Payment	<b>Add clause 1.5.5:</b> "Payment for installation of bollards includes supply, install, and all labour, equipment and material required to install the material where shown on the Contract Drawings and per the manufacturers recommendations. Payment will be made for each complete item of each type installed."
<b>32 91 21</b>		<b>Topsoil and Finish Grading</b>	
	1.4	Measurement and Payment	<b>Revised Clause 1.4.1 to read:</b> "Payment for growing medium and imported topsoil will be made separately for each type of growing medium and imported topsoil specified, and includes supply of materials, on-site handling, placement to thickness specified, application of fertilizers and finished grading. Payment for growing medium and topsoil will be made by actual area placed and compacted by landscape roller to the specified thickness as approved by the Contract Administrator."
<b>32 92 19</b>		<b>Hydraulic Seeding</b>	
	1.8.1	Measurement and Payment	<b>Add to the end of Clause 1.8.1:</b> "Hydraulic seeding to conform to the Township's specifications and as outlined on the contract drawings general notes."
<b>DIVISION 34 - TRANSPORTATION</b>			
<b>34 41 13</b>		<b>Traffic Signals</b>	
	1.9	Measurement and Payment	<b>Add Clause 1.9.4:</b> "Payment for supply, relocation, and installation of traffic signs, sign posts, bases, and sleeves will be made per each as shown on the Contract Drawings."