

**INVITATION TO TENDER
ITT NO. ENG 26-03**

**TOE Esquimalt Road Phase 2 – Active Transportation
Improvements & Underground Utility Renewals**

DATE OF ISSUE: May 25, 2026

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Owner: THE CORPORATION OF THE TOWNSHIP OF ESQUIMALT

(NAME OF OWNER)

Contract: TOE Esquimalt Road Phase 2– Active Transportation Improvements
& Underground Utility Renewals

(TITLE OF CONTRACT)

Reference No.: ENG 26-03

(OWNER’S CONTRACT REFERENCE NO.)

The supply of labour, materials, and equipment for the construction of active transportation, roadway, drainage, underground utility, and electrical improvements on Esquimalt Road. The work includes sidewalks, raised bike lanes, curb and gutter, road rehabilitation, storm drainage upgrades, sanitary and storm sewer rehabilitation using trenchless methods, watermain abandonment and service relocations where shown, traffic signal upgrades and modifications, street lighting improvements, pavement markings, signage, and the installation of Rectangular Rapid Flashing Beacons (RRFBs).

**The Owner invites
tenders for:**

(BRIEF DESCRIPTION OF THE WORK)

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

Civic Info (www.civicinfo.bc.ca)
BC Bid (www.bcbid.gov.bc.ca)
Township of Esquimalt (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: June 18, 2026

Address: ELECTRONIC SUBMISSIONS VIA EMAIL TO
pearl.barnard@esquimalt.ca

**(ADDRESS WHERE TENDERS MUST BE
SUBMITTED)**

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

(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: TOE Esquimalt Road Phase 2– Active Transportation Improvements &
Underground Utility Renewals
(TITLE OF CONTRACT)

Reference No. ENG 26-03
(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 for the construction of active transportation, roadway, drainage, underground utility, and electrical improvements on Esquimalt Road. The work includes sidewalks, raised bike lanes, curb and gutter, road rehabilitation, storm drainage upgrades, sanitary and storm sewer rehabilitation using trenchless methods, watermain abandonment and service relocations where shown, traffic signal upgrades and modifications, street lighting improvements, pavement markings, signage, and the installation of Rectangular Rapid Flashing Beacons (RRFBs).

(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

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*”.
- 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

(EMAIL)

on or before:

Tender Closing Time: 2:00PM local time

Tender Closing Date: June 18, 2026

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.

- 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 15, 2026**.
- 4.3 **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.
- 4.4 **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.
- 4.5 **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.
- 4.6 **Funding:** Proceeding with an award of this tender may be subject to available funding.
- 4.7 **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.
- 4.8 **Notice of Project:** The Contractor shall submit to WorkSafe BC a completed Notice of Project, providing a copy to the Township.
- 4.9 **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.
 - A detailed work schedule describing each phase of the project (i.e. supply, installation, layout, pre-locates 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

- 4.10 **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.
- 4.11 **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.
- 4.12 **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.
- 4.13 **Responsibility of Tenderers:** Each tenderer is responsible for informing themselves as to the contents and requirements 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.
- 4.14 **Construction sequence:** Tenderers are referred to supplemental specifications for sequencing requirements related to layout and installation of pre-cast concrete barriers and bollards. Refer to sections 01 10 00SS, 03 40 01, 32 31 13 for details.
- 4.15 **Watermain Works Completion:** All watermain works (including abandonment, service relocations, pressure testing, disinfection, and commissioning) shall be fully complete and accepted by the Contract Administrator prior to the placement of any permanent asphalt concrete pavement. Tenderers shall sequence the Work accordingly and account for this requirement in their schedule, method of construction, and Tender Price.
- 4.16 **Paving Completion Milestone:** All permanent asphalt concrete roadway paving (upper course and lower course) shall be substantially complete no later than September 30, 2026. Tenderers shall account for this milestone in their schedule,

method of construction, and Tender Price. Refer to Supplementary General Conditions GC 4.6.1.3 for contractual requirements.

- 4.17 **October Traffic Restriction:** Single-lane alternating traffic control on Esquimalt Road will not be permitted at any time from October 1st to October 18th 2026. All work requiring single-lane alternating traffic must be completed prior to October 1 and after October 18th 2026. Tenderers shall account for this restriction in their schedule, method of construction, and Tender Price. Refer to Supplementary General Conditions GC 4.6.1.4 for contractual requirements.

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

Contract: TOE Esquimalt Road Phase 2- Active Transportation Improvements & Underground Utility Renewals
(TITLE OF CONTRACT)

Reference No. ENG 26-03
(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 _____ 15th Decemeber _____ **2026** _____; 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*.

- 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.
- 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.
- WE AGREE:** 5.1 that this tender will be irrevocable and open for acceptance by the *Owner* for a period of 60 calendar days from the day following the *Tender Closing Date and Time*, even if the tender of another tenderer is accepted by the *Owner*. If within this period the *Owner* delivers a written notice ("*Notice of Award*") by which the *Owner* accepts our tender we will:
- 5.1.1 within 15 *Days* of receipt of the written *Notice of Award* deliver to the *Owner*:
 - .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 Owner;
 - .2 a Baseline Construction Schedule, as provided by GC 4.6.1;
 - .3 a "clearance letter" indicating that the tenderer is in Worksafe BC compliance;
 - .4 a copy of the insurance policies as specified in GC 24 indicating that all such insurance coverage is in place; and
 - .5 all documents as detailed by paragraph 4.6 of the Instructions to Tenderers – Part 1.
 - 5.1.2 within 2 *Days* of the *Notice to Proceed*, commence work; and
 - 5.1.3 sign the Contract Documents as required by GC 2.1.2.

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:**

Phone: _____

Email: _____

Attention:
n: _____

This Tender is executed this _____ day of _____, 20 _____.

Contractor:

(FULL LEGAL NAME OF CORPORATION, PARTNERSHIP OR INDIVIDUAL)

(AUTHORIZED SIGNATORY)

(AUTHORIZED SIGNATORY)

UNIT
PRICE
CONTRACT

ENG 26-03
TOE ESQUIMALT ROAD PHASE 2
FORM OF TENDER

FORM OF TENDER
PAGE 4 OF 15

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.

TENDER SUMMARY SHEET

**Esquimalt Road Phase 2– Active Transportation Improvements & Underground Utility
Renewals**

AMOUNT

Esquimalt Road Phase 02

SUBTOTAL TENDER PRICE _____

GST @ 5% _____

TENDER PRICE plus GST _____

ITEM	SSMP REF.	DESCRIPTION	Unit	Est. Qty.	Unit Price	Amount
DIVISION 1 - GENERAL REQUIREMENTS						
01 10 00SS - General Requirements						
1.1	1.2S	Survey Layout, Quantity Survey, Volume Calculations and Record Survey	Lump Sum	1		
01 52 01 - Temporary Structures						
1.2	1.6.2S	Mobilization/Demobilization	Lump Sum	1		
1.3	1.6.3S	Contaminated Soil Testing (Optional)	Lump Sum	1		
1.4	1.6.4S	Pothole Locates at Tie-ins and Critical Crossings Inc. Backfill, and Temporary Pavement Restoration	Each	8		
01 55 00 - Traffic Control, Vehicle Access and Parking						
1.5	1.5.1	Traffic Management Plan	Lump Sum	1		
1.6	1.5.2S	Traffic Control, Vehicle Access and Parking	Lump Sum	1		
DIVISION 3 - CONCRETE						
03 20 01 - Concrete Reinforcement						
2.1	1.5.2S, 3.1.3S	Welded Wire Mesh - Optional Supply and install M133250W 3" x 3" x 0.250" dia. welded wire mesh as concrete reinforcement	Square Metre	20		
03 30 20 - Concrete Walks, Curb And Gutter						
2.2	1.4.3S	Hand And Machine Formed Curb and Gutter Hand Formed Curb and Gutter - Concrete Barrier - MMCD Type C4 barrier - Including Granular Base	Lineal Metre	260		
2.3	1.4.5S	Concrete Walks, Infill Strips, and Walkways Including Ramps and Granular Base - Broom Finish	Square Metre	447		
2.4	1.4.6S	Concrete Driveway Crossings Per STD DWG TOE-SD-C7.1 and TOE-SD-C7.2 including Granular Base	Square Metre	75		
2.5	1.4.12S	Concrete Crossing Medians Including Ramps and Granular Base - Broom Finish	Square Metre	20		
2.6	1.4.12S	Concrete Medians - Type 1 (Varying Heights) Including Rebar Pins and Grout - Broom Finish	Square Metre	7		
03 40 01 - Pre-Cast Concrete						
2.7	1.4.4S	Precast Concrete Sanderson Curbs Standard Curb – Including layout and 20M rebar pinning	Each	191		
2.8	1.4.4S	Precast Concrete Sanderson Curbs Bull Nose Curb End. - Including layout and 20M rebar pinning	Each	52		
2.9	1.4.4S	Precast Concrete Sanderson Curbs Dual Bull Nose Curb End. - Including layout and 20M rebar pinning	Each	13		

2.10	1.4.5S	Precast Concrete Sanderson Curbs - Optional relocation and removal of precast Sanderson curbs	Each	15		
DIVISION 31 - EARTHWORK						
31 11 01 - Clearing and Grubbing						
3.1	1.4.1S	Stump Removal	Each	1		
31 22 16 - Reshaping Granular Roadbeds						
3.2	1.4.1	Reshaping Granular Roadbed - Optional c/w Proof Rolling	Square Metre	100		
31 23 01 - Excavating, Trenching and Backfilling						
3.3	1.10.3	Overexcavating - Optional Including Backfilling	Cubic Metre	20		
31 23 17 - Rock Removal						
3.4	1.6.3	Mass Rock - Optional	Cubic Metre	20		
31 24 13 - Roadway Excavation, Embankment and Compaction						
3.5	1.8.5S	Common Excavation Remove Existing Asphalt Pavement, Sidewalks - Including Sawcutting	Square Metre	420		
3.6	1.8.5S	Common Excavation Softscaped Areas	Cubic Metre	100		
3.7	1.8.5S	Common Excavation Remove Existing Concrete Pavement, Median, Sidewalks, Utility Strips, Driveways and Pavers - Including Sawcutting	Square Metre	350		
3.8	1.8.5S	Common Excavation - Optional Roadway and Sidewalk Granular Material	Cubic meters	85		
3.9	1.8.5S	Common Excavation Remove Existing Concrete Curb and Gutter - Including Sawcutting	Lineal Metres	325		
3.10	1.8.5S	Contaminated Soil Disposal - Optional (Provisional sum)	tonne	330		
DIVISION 32 - ROAD AND SITE IMPROVEMENTS						
32 01 11 - Pavement Surface Cleaning and Removal of Pavement Markings						
4.1	1.2.3S	Removal of Existing Pavement Markings Eradication by hydro blasting	Lump Sum	1		
32 01 16.7 - Cold Milling						
4.2	1.5.1S	Cold Milling Maximum 50mm depth	Square Metres	13,015		
4.3	1.5.1S	Cold Milling - Optional Full depth 50mm - 150mm	Square Metres	1,301		
32 11 16.1 - Granular Sub-Base						
4.4	1.4.3	75mm Minus Granular Sub-Base - Bulk Fill 250mm thickness	Square Metres	240		
32 11 23 - Granular Base						
4.5	1.4.1S	19mm Minus Granular Base 100-150mm thickness	Square Metres	240		
32 12 13.1 - Asphalt Tack Coat						

4.6	1.5.1	Asphalt Tack Coat	Square Metres	13,265		
32 12 16 - Hot-Mix Asphalt Concrete Paving						
4.7	1.5.1S, 1.5.2	Machine Laid - Upper Course 50mm Thick	Square Metres	13,265		
4.8	1.5.1S, 1.5.2	Machine Laid - Lower Course 50mm Thick	Square Metres	1831		
4.9	1.5.1S, 1.5.2, 1.5.3S	Hand Placed - Upper Course 50mm Thick Hand Laid Hot Mix Asphalt - including granular bases 50-100mm	Square Metres	178		
32 17 23 - Painted Pavement Markings						
4.10	1.5.2, 1.5.3S	Permanent Thermoplastic Pavement Markings	Lump Sum	1		
4.11	1.5.2, 1.5.3S	MMA Including Stencils within Green Conflict Paint	Square Metres	430		
32 31 13 - Chain Link Fences & Gates						
4.12	1.5.5S	Pexco City Posts 24" C/W 2-3" HI White Bands, Surface Mount Supply and Install	Each	119		
4.13	1.5.6S	Remove Existing Bollards Return to ToE PW Yard	Each	24		
4.14	1.5.5S	Install Only - Steel Bollard on Median	Each	1		
4.15	1.5.7S	Existing Street Planter Remove, Relocate, Reinstall, or Deliver Existing Planters to Township of Esquimalt Public Works Yard	Each	2		
32 91 21 - Topsoil and Finish Grading						
4.16	1.4.1S	Boulevard Topsoil(150mm Thickness)	Square Metres	155		
32 92 20 - Seeding						
4.17	1.8.1S	Seeding	Square Metres	155		
DIVISION 33 - Utilities						
33 01 30.1 - CCTV Inspection of Pipelines						
5.1	1.6.2	CCTV pre-inspection of Sewers	Lineal Metres	670		
5.2	1.6.2	CCTV post lining inspection of Sewers	Lineal Metres	670		
33 01 30.2 - Cleaning of Sewers						
5.3	1.5.4S	Root Cutting	Lineal Metres	206		
33 05 24 - Cured In Place Pipe Liners						
5.4	1.9.1S	Bypass Pumping / Flow Control	Lump Sum	1		
5.5	1.9.8	CIPP Lining Sani 200	Lineal Metres	220		
5.6	1.9.8	CIPP Lining Sani 150	Lineal Metres	50.5		
5.7	1.9.8	Service CIPP Lining Sani 100	Each	4		
5.8	1.9.8	Service CIPP Lining Sani150	Each	2		

5.9	1.9.8	CIPP Lining Storm 200	Lineal Metres	170		
5.10	1.9.8	CIPP Lining Storm 250	Lineal Metres	12		
5.11	1.9.8	Storm Sewer Main Rehabilitation, 200 mm Dia – Sectional CIPP Lining - includes sealing of liner termination (Optional)	Lineal Metres	10.5		
5.12	1.9.8	Service CIPP Lining Storm 150	Each	7		
5.13	1.9.9	Service Reconnection	Each	19		
33 11 01 - Waterworks						
5.14	1.8.1, 1.8.2S	Watermain PVC 200mm Dia. At 0 - 2 m depth Inc. granular backfill	Lineal Meter	20		
5.15	1.8.1, 1.8.2S	Watermain PVC 250mm Dia. At 0 - 2 m depth Inc. granular backfill	Lineal Meter	10		
5.16	1.8.1, 1.8.2S	Watermain Ductile Iron 250mm Dia. At 0 - 2 m depth Inc. granular backfill	Lineal Meter	5		
5.17	1.8.3	In-line Gate Valve 200mm Dia. - H x H - c/w mechanical restraints	Each	6		
5.18	1.8.3	In-line Gate Valve 200mm Dia. - H x F - c/w mechanical restraints (Optional)	Each	1		
5.19	1.8.3	In-line Gate Valve 250mm Dia. - F x MJ - c/w mechanical restraints	Each	1		
5.20	1.8.3	In-line Gate Valve 250mm Dia. - H x H - c/w mechanical restraints	Each	1		
5.21	1.8.3	In-line Gate Valve 250mm Dia. - F x F - c/w mechanical restraints	Each	1		
5.22	1.8.3	In-line Gate Valve 250mm Dia. - H x F - c/w mechanical restraints	Each	2		
5.23	1.8.3	Water Bend 200mm Dia. - H x H - 45 degrees	Each	1		
5.24	1.8.3	Water Bend 200mm Dia. - H x F - 45 degrees	Each	1		
5.25	1.8.3	Water Bend 250mm Dia. - MJ x MJ - 90 degrees	Each	1		
5.26	1.8.3	Water Tee 200mm x 200mm x 150mm - H x H x H - c/w mechanical restraints	Each	3		
5.27	1.8.3	Water Tee 200mm x 200mm x 200mm - H x H x H - c/w mechanical restraints	Each	1		
5.28	1.8.3	Water Tee 250mm x 250mm x 200mm - F x F x F - c/w mechanical restraints	Each	1		
5.29	1.8.3	Water Cross 250mm x 250mm x 250mm x 250mm - H x H x H x H - c/w mechanical restraints	Each	1		
5.30	1.8.3	Water Reducer 200mm Dia. to 150mm Dia. - F x MJ	Each	1		
5.31	1.8.3	Water Reducer 250mm Dia. to 175mm Dia. - F x H	Each	1		
5.32	1.8.3	Water Reducer 250mm Dia. to 200mm Dia. - F x H	Each	1		

5.33	1.8.3	Cap 150mm Dia. - Inc. excavation, cutting, abandonment, and granular backfill	Each	1		
5.34	1.8.3	Cap 175mm Dia. - Inc. excavation, cutting, abandonment, and granular backfill	Each	3		
5.35	1.8.3	Cap 250mm Dia. - Inc. excavation, cutting, abandonment, and granular backfill	Each	2		
5.36	1.8.3	Blind Flange Assembly 250mmØ DI c/w gasket, S/S bolts, petrolatum wrap & poly encasement per tie-in detail	Each	1		
5.37	1.8.4, 1.8.2S	Water Service 25mm as per CoV SD W2a, Including Brooks Box, Touch Read Meter (City of Victoria will supply meter) as per SD W2c, Tie-in to Existing Main, Corp. Stop	Each	5		
5.38	1.8.4, 1.8.2S	Water Service 38mm as per CoV SD W2b, Including Brooks Box, Touch Read Meter (City of Victoria will supply meter) as per SD W2d, Tie-in to Existing Main, Corp. Stop	Each	1		
5.39	1.8.4, 1.8.2S	Water Service 50mm as per CoV SD W2b, Including Brooks Box, Touch Read Meter (City of Victoria will supply meter) as per SD W2d, Tie-in to Existing Main, Corp. Stop	Each	4		
5.40	1.8.14S, 1.8.2S	Hydrant Assembly Per MMCD standard Drawing W4. c/w 150 DI PC350 Hydrant watermain lead installed at depth of 1m and imported granular backfill. to be c/w 19mm Granular base and 250mm - 75mm Minus Pit Run Gravel where under asphalt or concrete. Inclusive of all required appurtenances prior to valve.	Each	3		
5.41	1.8.9	Concrete Encasement, Thrust & Anchor Blocks Extra over Items 1.8.2 if shown on Contract Drawings	Cubic Metres	2		
5.42	1.8.13	Joffre Water Tie-In 150mm Dia. And 200mm DIA Inc. Robar Coupler	Each	1		
5.43	1.8.13	Lampson Water Tie-In 175mm Dia., 200mm DIA., 250mm Dia. Inc. Robar Coupler	Each	2		
5.44	1.8.16S	Valve Removal and Abandonment Inc. cutting, backfilling	Each	10		
5.45	1.8.16S	Hydrant Removal Including return of hydrant to City of Victoria Public Works Yard	Each	1		
5.46	1.8.16S	Watermain Removal and Off-Site Disposal 250mm Dia. Cast Iron Inc. excavation, cutting, removal, off-site disposal, and granular backfill	Lineal Meter	6		
5.47	1.8.17S	Meter Vault Modification at 1149 Esquimalt cast-in-place concrete around new meter and existing fire line DCDA, supply and install new Norinco TI3S106070AV vault hatch.	Each	1		

5.48	1.8.16S	Abandon Existing Water Service at Curb Stop Including locating curb stop, closing valve, sealing	Each	10		
33 40 01 - Storm Sewers Open Trenching						
5.49	1.6.5	Catch basin Lead PIPE DIA. 150mm SDR28 PVC	Lineal Metres	20		
5.50	1.6.1, 1.6.2	DGM0919 PIPE DIA. 200mm, installed at depth 1-3m (Optional)	Lineal Metres	10.5		
5.51	1.6.9	Tie-in to Existing Storm Sewer	Each	2		
33 44 01 - Manholes and Catch basins						
5.52	1.5.4	Remove Existing Catch Basins c/w cap of Existing Lead - offsite Disposal	Each	2		
5.53	1.5.2	New Catch Basin as per ToE-SD-S11.1	Each	3		
5.54	1.5.2	New Offset Catch Basin as per CoV-SD-S11C	Each	1		
5.55	1.5.3S	Adjust valves, Junction Boxes, Inspection chambers, and Catch Basin Castings to Finished Grade	Each	16		
5.56	1.5.3S	Adjust Manhole to Finished Grade - includes Third Party Manholes	Each	1		
5.57	1.5.2	Storm Inspection chambers	Each	6		
5.58	1.5.2	Sani Inspection chambers	Each	5		
DIVISION 34 - TRANSPORTATION						
34 41 13 - Traffic Signals						
6.1	26 56 01 1.9.1 / 34 41 13 1.9.2	RRFB - Esquimalt Rd at St Paull PI	Lump Sum	1		
6.2	26 56 01 1.9.1 / 34 41 13 1.9.2	RRFB - Esquimalt Rd at Sturdee St	Lump Sum	1		
6.3	26 56 01 1.9.1 / 34 41 13 1.9.2	RRFB - Esquimalt Rd at Constance Ave	Lump Sum	1		
6.4	26 56 01 1.9.1 / 34 41 13 1.9.2	RRFB - Esquimalt Rd at Fraser St	Lump Sum	1		
6.5	26 56 01 1.9.1 / 34 41 13 1.9.2	RRFB - Esquimalt Rd at Fernhill Rd	Lump Sum	1		
6.6	26 56 01 1.9.1 /	Esquimalt Road at Admirals Road	Lump Sum	1		

UNIT
PRICE
CONTRACT

ENG 26-03
TOE ESQUIMALT ROAD PHASE 2
FORM OF TENDER

FORM OF TENDER
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	34 41 13 1.9.2					
6.7	26 56 01 1.9.1 / 34 41 13 1.9.2	1188 Esquimalt Road	Lump Sum	1		
6.8	1.9.1	Signal Poles - Esquimalt Rd at Nelson St	Lump Sum	1		
6.9	1.9.4S	Remove Existing Sign and Dispose offsite	Each	34		
6.10	1.9.4S	Relocate Existing Sign and/or Post	Each	1		
6.11	1.9.4S	Install New Sign on Existing Post	Each	3		
6.12	1.9.4S	Install New Sign and New Post	Each	15		
6.13	1.9.4S	Install Custom WA-36L Knockdown Sign	Each	2		
6.14	1.9.4S	Install Coroplast Sign on New or Existing Post	Each	33		

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

(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: **Esquimalt Road Phase 2- Active Transportation
Improvements & Underground Utility Renewals**
(TITLE OF CONTRACT)

Reference No.: **ENG 26-03**
(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 <i>Contractor</i> will perform all <i>Work</i> and provide all labour, equipment and material and do all things strictly as required by the <u><i>Contract Documents</i></u> . |
| | | 1.2 | The <i>Contractor</i> will commence the <i>Work</i> in accordance with the <u><i>Notice to Proceed</i></u> . The <i>Contractor</i> will proceed with the <i>Work</i> diligently, will perform the <i>Work</i> generally in accordance with the construction schedules as required by the <u><i>Contract Documents</i></u> and will achieve <u><i>Substantial Performance</i></u> of the <i>Work</i> on or before December 15, 2026
(INSERT DATE OF SUBSTANTIAL PERFORMANCE) |

subject to the provisions of the Contract Documents for adjustments to the Contract Time.

Article 2 **Contract Documents**

- 1.3 Time shall be of the essence of the *Contract*.
- 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

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

Attention: Brad Ormiston, P.L.Eng., ASCT, MMCD CCA

- 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:

(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

Esquimalt Road Phase 02		
SHEET NO.	DRAWING TITLE	DRAWING DESCRIPTION
ACTIVE TRANSPORTATION IMPROVEMENTS & UNDERGROUND UPGRADES		
00	COVER	COVER
01	GENERAL NOTES	GENERAL NOTES
02	LEGEND	LEGEND
03	ROADWORK	STA 11+000 TO STA 11+130
04	ROADWORK	STA 11+130 TO STA 11+280
05	ROADWORK	STA 11+280 TO STA 11+420
06	ROADWORK	STA 11+420 TO STA 11+560
07	ROADWORK	STA 12+000 TO STA 12+140
08	ROADWORK	STA 12+140 TO STA 12+280
09	ROADWORK	STA 12+280 TO STA 12+420
10	CIVIL DETAILS	TYPICAL DETAILS
11	CIVIL DETAILS	MMCD SUPPLEMENTALS
12	CIVIL DETAILS	MMCD SUPPLEMENTALS
13	CIVIL DETAILS	CURB RETURNS
14	UTILITY PLAN	STA. 11+000 TO 11+180 AND STA. 11+520 TO 11+560
15	UTILITY PLAN	STA. 12+000 TO STA. 12+280
16	UTILITY PLAN	STA. 12+280 TO STA. 12+420
STREET LIGHTING & SIGNALS		
E01	ELECTRICAL	NOTES AND LEGEND
E02	ELECTRICAL	SITE PLAN ENLARGEMENT – ST. PAUL PLACE AT ESQUIMALT ROAD
E03	ELECTRICAL	ELEVATIONS – ST. PAUL PLACE AT ESQUIMALT ROAD
E04	ELECTRICAL	SITE PLAN ENLARGEMENT – STURDEE STREET AT ESQUIMALT ROAD
E05	ELECTRICAL	ELEVATIONS – STURDEE STREET AT ESQUIMALT ROAD
E06	ELECTRICAL	SITE PLAN ENLARGEMENT – NELSON STREET AT ESQUIMALT ROAD
E07	ELECTRICAL	ELEVATIONS – NELSON STREET AT ESQUIMALT ROAD
E08	ELECTRICAL	SITE PLAN ENLARGEMENT – CONSTANCE AVENUE AT ESQUIMALT ROAD
E09	ELECTRICAL	ELEVATIONS – CONSTANCE AVENUE AT ESQUIMALT ROAD
E10	ELECTRICAL	SITE PLAN ENLARGEMENT – ADMIRALS ROAD AT ESQUIMALT ROAD
E11	ELECTRICAL	ELEVATIONS – ADMIRALS ROAD AT ESQUIMALT ROAD

Esquimalt Road Phase 02		
SHEET NO.	DRAWING TITLE	DRAWING DESCRIPTION
E12	ELECTRICAL	SITE PLAN ENLARGEMENT – FRASER STREET AT ESQUIMALT ROAD
E13	ELECTRICAL	ELEVATIONS – FRASER STREET AT ESQUIMALT ROAD
E14	ELECTRICAL	SITE PLAN ENLARGEMENT – 1188 ESQUIMALT ROAD
E15	ELECTRICAL	ELEVATIONS – 1188 ESQUIMALT ROAD
E16	ELECTRICAL	SITE PLAN ENLARGEMENT – FERNHILL ROAD AT ESQUIMALT ROAD
E17	ELECTRICAL	ELEVATIONS – FERNHILL ROAD AT ESQUIMALT ROAD
WATERMAIN ABANDONMENT AND SERVICERELOCATES		
00	COVER	
01	GENERAL NOTES	
02	WATERWORKS	STA 10+000 TO 10+320
03	WATERWORKS	STA 10+320 TO 10+630
04	WATERWORKS	STA 10+630 TO 10+800

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

SUPPLEMENTAL DETAIL DRAWINGS	
Drawing Number	Title
TOE-SD-C2.1	CONCRETE SIDEWALK
TOE-SD-C7.1	TYPICAL DRIVEWAY CROSSING
TOE-SD-C7.2	TYPICAL DRIVEWAY CROSSING CROSS SECTION
TOE-SD-C9.1	DOUBLE WHEELCHAIR RAMPS (PREFERRED)
TOE-SD-C9.2	SINGLE RADIAL WHEELCHAIR RAMP
TOE-SD-C9.3	SINGLE DIRECTIONAL WHEELCHAIR RAMP
TOE-SD-C9.4	T - INTERSECTION/MID-BLOCK WHEELCHAIR RAMP
TOE-SD-C16	SIGN POST SLEEVE
TOE-SD-G5.1	PAVEMENT RESTORATION
TOE-SD-S7a	SANITARY AND STORM SEWER SERVICES
TOE-SD-S9a	INSPECTION CHAMBER FOR 100 TO 200 DRAIN & SEWER CONNECTION
TOE-SD-S11.1	TOP INLET CATCH BASIN
COV-SD-S11C	STANDARD OFFSET CATCHBASIN DETAIL
R-7301	RELIANCE FOUNDARY BOLLARD COVER
COV	APPROVED PRODUCTS LIST

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			
GC 2.0 Documents	2.2.4	Document Hierarchy	<p>Replace Section (1) with the following:</p> <p>“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"> a) Agreement b) Addenda c) Supplementary General Conditions d) General Conditions e) Supplemental Detail Drawings f) Supplementary Specifications g) Specifications h) Drawings listed in Schedule 2 to the Agreement i) Standard Detail Drawings j) Executed Form of Tender k) Instructions to Tenderers l) All other Contract Documents.”
GC 4.0 Contractor	New 4.6.1.1	Construction Schedule	<p>“The Contractor shall schedule and coordinate construction activities:</p> <ul style="list-style-type: none"> • Noise Bylaw: Follow Maintenance of Property, Unightly Properties and Nuisance Bylaw. • Capital Project Coordination: Contractor shall coordinate with other Township led initiatives and third-party contractors. • Development Activity Coordination: Construction activity from other development projects on the corridor that may commence/be active during the construction period. <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	<p>“The contractor shall provide bi-weekly schedule updates that include the following:</p> <p>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.”</p>
	New 4.6.1.3	Construction Schedule	<p>Paving Completion Milestone</p> <p>"All permanent asphalt concrete roadway paving (upper course and lower course) shall be substantially complete no later than September 30, 2026 (the "Paving Milestone Date"). For the purposes of this clause, "substantially complete" means all areas of permanent asphalt concrete paving within the Contract limits have been placed, compacted, and accepted by the Contract Administrator, except for isolated deficiencies or punch-list items that do not affect public use of the roadway.</p>

			<p>The Contractor shall plan and sequence the Work to achieve the Paving Milestone Date, taking into account cure and curing-time requirements for curb and gutter, base-course compaction testing, and any required adjustments to castings and valve boxes prior to final paving.</p>
	New 4.6.1.4	Construction Schedule	<p>Single-Lane Alternating Traffic – October Restriction "From October 1 to October 18, 2026 inclusive (the "Restricted Period"), the Contractor shall not operate single-lane alternating traffic control on Esquimalt Road at any time.</p> <p>During the Restricted Period, only the following traffic control configurations are permitted: (a) Full two-lane operation (all lanes open to traffic); or (b) Full road closure (both directions) with a signed detour route, subject to written approval of the Contract Administrator and the Owner minimum five (5) Business Days in advance.</p> <p>Works requiring single-lane alternating traffic control during the Restricted Period shall be limited to emergency repairs or utility service connections, and only with the prior written approval of the Contract Administrator.</p> <p>The Contractor shall plan and sequence the Work so that all activities requiring extended single-lane alternating traffic are completed prior to October 1, 2026 or after October 18th, 2026. Additional costs arising from the Contractor's failure to comply with this clause shall be borne by the Contractor."</p>
	4.6	Construction Schedule	<p>Amend 4.6.2 by deleting: "monthly" and substituting "monthly or within such shorter time as specified in the <i>Contract Documents</i>".</p>
GC 18.0 Payment	18.5	Payment	<p>Delete GC 18.5.1 and replace with: "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."</p>
GC 27.0 Archaeology	New 27.1.1	Archaeology	<p>"Any archaeological materials 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>".</p>
	New 27.1.2		<p>"The <i>Contractor</i> shall immediately advise the <i>Contract Administrator</i> of the discovery by the <i>Contractor</i> of any archaeological materials and take all reasonable precautions to protect and preserve same".</p>

	New 27.1.3		<p>“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.”</p>
	New 27.1.4		<p>“If and suspected archaeological materials (e.g. artifacts) or feature (e.g. hearths) are exposed, construction work in proximity to the find must cease and the Owner must be notified and a professional archaeologist must be involved. In the event of work stoppage due to an archeological find, the contractor shall make every effort to shift work to other areas of the site. Contractors shall track the time required to shift the work under GC Article 10 Force Account Work and if critical path items are delayed then this shall be dealt with through GC Article 13 Delays.”</p>
GC 28.0 Wages	New 28.1	Wages	<p>“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 Schedule A for the most current collective agreement.”</p>

TOWNSHIP OF ESQUIMALT - SUPPLEMENTARY SPECIFICATIONS

Revise the following MMCD Specifications 2019 Edition

DIVISION 1 - GENERAL REQUIREMENTS			
SECTION	SUB SECTION	TITLE	SUPPLEMENTARY SPECIFICATION
01 10 00SS		General Requirements	
	1.6	General	Add Clause 1.1: "Section 01 10 00SS addresses additional measurement and payment clauses which do not apply to other specification sections."
	1.2	Measurement and Payment	<p>Add Clause 1.2: "</p> <p>.1 Payment shall be based on the Lump Sum bid in the Schedule of Quantities and Unit Prices as measured and accepted by the Contract Administrator. Payment shall be accepted as full compensation for everything furnished and done.</p> <p>.2 Payment of the lump sum bid will be paid in equal amounts each month.</p> <p>.3 The Contractor is responsible for all staking and survey layout and quantity calculations required for the completion of all Work, as shown on the Contract Drawings, and to affect incidental field adjustments.</p> <p>.4 The unit price bid shall include, but not be limited to: all survey layout, staking/nails, cross sections, grade sheets, calculations of volumes required for tender items, coordination required for the completion of the work, record survey, and all other work and materials incidental and necessary to complete the Work to provide a functional system. Survey layout shall include offset layout for concrete curb work within the roadway, layout nails for pavement markings (including all linework and symbols), and the proposed pavement limits sprayed out on site for review and confirmation by the Contract Administrator. Grade sheets, digital RAW (PNEZD format), and CAD file data are to be provided to the Contract Administrator 5 days prior to executing the work.</p> <p>.5 Any calculations necessary shall be performed by the Contractor and shall be provided to the Contract Administrator at any time upon request. Information shall include both text files and any CAD drawings."</p>
01 52 01		Temporary Structures	
	1.1	Section Includes	Add Clause 1.1.4: "Mobilization/Demobilization."

	1.6	Measurement and Payment	<p>Add Clause 1.6.2: "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"> 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. 2. Included in demobilization are preparation and submission of record drawings, operation and maintenance manuals, removal of all personnel, equipment, temporary tape/paint, and materials and cleanup of the Site and the Work. 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. 4. Payment shall be made as follows, as approved by the Contract Administrator: <ol style="list-style-type: none"> i. 60% of the lump sum bid will be included in the first progress payment certificate. ii. 40% of the lump sum bid will be included in the final progress payment certificate. 5. The Contract Administrator may at their discretion authorize partial payment if mobilization or demobilization is not complete. 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."
	1.6	Measurement and Payment	<p>Add clause 1.6.3: " Payment for soil testing will be made as a lump sum. Payment will include all equipment, materials, labor, and analysis necessary to meet the requirements of local disposal sites on Vancouver Island, as well as all applicable provincial regulations. The scope of testing must include all areas and work indicated on the contract drawings. Payment will be upon submitted results of the soil testing as approved by the Contract Administrator"</p>

	1.6	Measurement and Payment	<p>Add Clause 1.6.4: "Payment for pothole locates at watermain tie-in locations and critical utility crossings shall be made on a per-each basis as directed in writing by the Contract Administrator and shall include:.1 All saw cutting of existing asphalt concrete, concrete, or other hard surface as required to expose the utility;.2 Hand or vacuum excavation to expose and confirm the horizontal and vertical location, size, material, and condition of the existing utility or tie-in connection point;.3 Survey of the exposed utility by a qualified surveyor or survey technician, providing coordinates (Northing, Easting) and reduced elevation of the top of pipe in PNEZD format, tied to the project horizontal and vertical datum;.4 Submission to the Contract Administrator of both a written field report and the survey data in digital RAW (PNEZD) format within two (2) Business Days of the pothole, confirming the utility location, elevation, size, material type, and condition as exposed;.5 Granular backfill and compaction in uniform layers to restore the excavation to the underside of the existing surface;.6 Temporary surface restoration using cold-mix asphalt patch or compacted granular material to provide a safe and trafficable surface flush with the surrounding pavement;.7 All incidentals required to complete the pothole locate. Permanent surface restoration over pothole locations is NOT included in this item and will be paid separately under the applicable Division 3 and Division 32 items. No separate payment will be made for any pothole locate not directed in writing by the Contract Administrator prior to commencement of that pothole."</p>
01 53 01		Temporary Facilities	
	1.1	Section Includes	<p>Add Clause 1.1.5: "Temporary Utility Pole Support During Construction."</p>
	1.11	Temporary Utility Pole Support During Construction	<p>Add Clause 1.11: "Temporary Utility Pole Support During Construction." Add Clause 1.11.1: "Provide temporary support for Utility Poles (both power and communications) during construction as required to allow for work adjacent to poles." Add Clause 1.11.2: "Contractors working on utility poles must be able to perform switching on the BC Hydro system."</p>
	1.11	Temporary Utility Pole Support During Construction	<p>Add Clause 1.11: "Temporary Utility Pole Support During Construction." Add Clause 1.11.1: "Provide temporary support for Utility Poles (both power and communications) during construction as required to allow for work adjacent to poles." Add Clause 1.11.2: "Contractors working on utility poles must be able to perform switching on the BC Hydro system."</p>
01 55 00		Traffic Control, Vehicle Access and Parking	
	1.5	Measurement and Payment	<p>Add Clause 1.5.2: "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."</p>
DIVISION 3 - CONCRETE			
03 20 01		Concrete Reinforcement	

	1.5	Measurement and Payment	Add Clause 1.5.2: "Payment will be made per square metre of welded mesh wire installed and accepted. Payment will be made only for work directed in writing by the Contract Administrator. The unit price shall be full compensation for all labour, equipment, materials, and incidentals required to complete the work."
	3.1	Placing Reinforcement	Add Clause 3.1.3: "Install welded mesh wire at locations and to dimensions as directed by the Contract Administrator, ensuring a minimum clear cover of 50 mm from all exposed surfaces unless otherwise noted on the drawings or directed by the Contract Administrator. Secure the mesh firmly in place using appropriate fasteners, supports, or chairs to maintain the specified position and clear cover during concrete placement, and ensure all edges are properly finished and safe."
03 30 20		Concrete Walks, Curbs and Gutters	
	1.4	Measurement and Payment	Delete Clause 1.4.2
	1.4	Measurement and Payment	Revise Clause 1.4.3 to read: "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	Revise Clause 1.4.5 to read: "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	Revise Clause 1.4.6: Replace "Standard Detail Drawing C7" with "Township of Esquimalt Standard Detail Drawing TOE-SD-C7.1"
	1.4	Measurement and Payment	Add Clause 1.4.12: "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."
	3.1	Subgrade Preparation	Add clause 3.1.3: "Provide the contract administrator with survey layout and grade sheets five (5) days in advance of construction. Layout nails for curb and gutter are to be on the roadway side of curb at a distance offset the proposed curb line to enable field reviews of the sub-grade preparation."
	3.4	Inspection	Revise Clause 3.4.1 to Read: "One day prior to formwork or stringline setup, review layout nails and grade sheets to ensure that prep work is properly set at the required horizontal and vertical alignments. Immediately prior to placement of concrete, carefully inspect all formwork to ensure forms are properly set at required horizontal and vertical alignment, sufficiently rigid, clean, surface treated and ready for placement of concrete. Obtain Contract Administrator's approval of formwork and or stringline and compacted base."
03 40 01		Pre-Cast Concrete	

	1.4	Measurement and Payment	Revise clause 1.4.4 to read: "Payment for precast concrete curbs (Sanderson curbs) includes supply, delivery, placement (including pinning with 20M rebar) at locations shown on the contract drawings. The unit price also includes all required layout to the satisfaction of the Contract Administrator prior to placement, as well as the provision and application of sacrificial white line paint for curb alignment. Payment includes standard and bull nose end sections."
	1.4	Measurement and Payment	Revise clause 1.4.5 to read: "Payment for the relocation, removal, and either off-site disposal or delivery of precast Sanderson curbs to the Township of Esquimalt Public Works Yard, as directed by the Contract Administrator, includes all equipment, materials, and labour required for the work. This includes the removal or relocation of precast Sanderson curbs, removal of any pinned rebar, and filling of holes left from the rebar with non-expanding grout. Payment will be made only for work involving the use of lifting and/or transportation equipment; no payment will be made for short-distance relocation by pushing with machinery available on site."
	3.0	Execution	Add clause 3.1.3: "The Contractor shall install layout nails at the start and end points of all precast concrete barriers, as shown on the Contract Drawings. The Contractor shall submit the layout RAW data for these nails to the Contract Administrator not less than five (5) days prior to the application of sacrificial pavement markings. The Contractor shall apply a sacrificial white line on the pavement surface between the start and end nails of each barrier set, to delineate the proposed barrier alignment. The sacrificial white line shall remain in place for a minimum of five (5) days prior to the installation of the precast barriers, or as directed by the Contract Administrator. All layout and marking shall be completed to the satisfaction of the Contract Administrator."
DIVISION 31 - EARTHWORK			
31 11 01		Clearing and Grubbing	
	1.4	Measurement and Payment	Revise clause 1.4.1 to read: "Payment for all clearing and grubbing items includes the removal and disposal of all branches, stumps, timber, shrubs, bushes, small trees, and other vegetation remains. Payment also includes the salvage and delivery of any irrigation components designated for reuse to the Township of Esquimalt Public Works Yard."
31 24 13		Roadway Excavation, Embankment and Compaction	

			<p>Delete Clause 1.8.5 and replace with the following: "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"> 7. In-place volume will be calculated for payment from cross-sections at sufficient and equal intervals taken by Contract Administrator in areas of excavation. 8. Initial cross-sections will be taken after clearing and grubbing and stripping of topsoil, and immediately prior to excavation. 9. 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. 10. Payment for on-site re-use includes compaction of the re-used materials. 11. Removal of existing asphalt and concrete pavement, sidewalks and driveways will be per m2 of material removed regardless of thickness. Removal extents to be approved by the Contract Administrator prior to commencing work. 12. 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. 13. 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. 14. Removal of existing concrete curb and gutter will be measured and paid per linear meter of curb and gutter removed. Including the removal and disposal of both reinforced and unreinforced concrete. The extent of curb and gutter removal must be reviewed and agreed upon with the Contract Administrator prior to commencing the work. All removed materials shall be disposed of off-site at a location arranged by the Contractor. 15. Removal of components noted on the contract drawings will be paid by lump sum and include all disposal or identified delivery costs."
	1.8	Measurement and Payment	
	1.8	Measurement and Payment	<p>Clause 1.8.7 delete: "will be based on weigh tickets provided to Contract Administrator as loads are" replace with: "will be based on cubic metres of compacted material"</p>
DIVISION 32 - ROAD AND SITE IMPROVEMENTS			
32 01 11		Pavement Surface Cleaning and Removal of Pavement Markings	
	1.2	Measurement and Payment	<p>Revise clause 1.2.3 to read: "Payment for removal of pavement markings will be made as a lump sum for the complete removal of all permanent pavement markings within the areas shown on the Contract Drawings. Removal shall be carried out by hydro blasting. The Contractor shall confirm the removal of all pavement markings to the</p>

			satisfaction of the Contract Administrator prior to the commencement of removal."
32 01 16.7		Cold Milling	
	1.5	Measurement and Payment	Add to the end of clause 1.5.1: "Payment shall include profile milling as required to ensure positive drainage to curb lines and drainage inlets, including milling over the existing gutterpan where necessary to achieve proper grades and surface continuity."
32 11 23		Granular Base	
	1.4	Measurement and Payment	Revise Clause 1.4.1 to read: "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. "
32 12 16		Hot-Mix Asphalt Concrete Paving	
	1.5	Measurement and Payment	Revised Clause 1.5.1 to read: "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."
	1.5	Measurement and Payment	<p>Revised Clause 1.5.3 to read: "Payment for asphaltic concrete sidewalks, driveways, in-fill strips, and specified permanent patching paving includes all construction joint preparation, supply and placing of the asphaltic concrete, compaction, and adjusting and cleaning frames, covers, and lids of all castings affected. For driveways, payment also includes the supply, placement, and compaction of 50–100 mm of granular base beneath the asphaltic concrete. Measurement for asphaltic concrete sidewalks, driveways, in-fill strips, and specified permanent patching will be made separately for each of the specified thicknesses, which may be checked by the Contract Administrator as given in 1.5.2 of this Section.</p> <p>16. If thickness is less than that specified, the Contract Administrator may require an overlay to be placed in deficient areas with no additional payment for the overlay and any other work necessary to place such overlay.</p> <p>17. If thickness is less than that specified, the Contract Administrator may calculate the amount of asphaltic concrete deficiency and, for payment purposes, reduce the item amount pro-rata accordingly.</p> <p>18. If thickness is greater than specified, the Contract Administrator may accept the work, if the excess thickness is acceptable, or may require the work to be removed and replaced with appropriate thickness, all without additional payment."</p>
32 17 23		Painted Pavement Markings	

	1.5	Measurement and Payment	Revise clause 1.5.3: "Payment shall include all survey layout for pavement markings, including those to be installed using methyl methacrylate (MMA) and all markings requiring stencils. The Contractor shall provide the proposed layout to the Contract Administrator for approval not less than five (5) days prior to installation."
32 31 13		Chain Link Fences & Gates	
	1.5	Measurement and Payment	Add clause 1.5.5: "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."
	1.5	Measurement and Payment	Add clause 1.5.6: "Payment for Remove Existing Bollards and Deliver to Township of Esquimalt Public Works Yard shall be made per bollard removed. Payment shall include all labour, materials, equipment, sawcutting or coring where required, excavation, removal of bollard, removal of anchors, sleeves, fasteners, footings or bases where directed by the Contract Administrator, protection of adjacent works, loading, hauling, delivery to the Township of Esquimalt Public Works Yard, disposal of materials not accepted by the Owner, backfilling, temporary restoration, cleaning of existing bolt holes and anchor voids, filling of bolt holes and anchor voids with non-expanding grout flush with the adjacent surface, and all incidentals required to complete the Work."
	1.5	Measurement and Payment	Add clause 1.5.7: "Payment for Remove, Relocate, Reinstall, or Deliver Existing Planters to Township of Esquimalt Public Works Yard shall be made per planter. Payment shall include all labour, materials, equipment, protection of planter materials and contents, removal from existing location, removal of anchors, bolts, fasteners or mounting hardware, cleaning of existing bolt holes and anchor voids, filling of bolt holes and anchor voids with non-expanding grout flush with the adjacent surface, loading, hauling, storage as required, relocation and reinstallation at the location shown on the Contract Drawings or as directed by the Contract Administrator, or delivery to the Township of Esquimalt Public Works Yard if not reinstalled. Payment shall also include new anchorage or mounting hardware where required for reinstallation, minor grading, bedding, levelling, reinstatement of adjacent surfaces, disposal of surplus materials, and all incidentals required to complete the Work."
32 91 21		Topsoil and Finish Grading	
	1.4	Measurement and Payment	Revised Clause 1.4.1 to read: "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."
32 92 19		Hydraulic Seeding	
	1.8.1	Measurement and Payment	Add to the end of Clause 1.8.1: " Hydraulic seeding to conform to the Township's specifications and as outlined on the contract drawings general notes. "

33 01 30.2		Cleaning of Sewers	
	1.5	Measurement and Payment	<p>Revised Clause 1.5.4 to read: "Root cutting will be measured in lineal metres of pipe requiring root removal. Payment will be made at the unit price bid in the Form of Tender. Measurement will be determined by the length of pipe, as shown on the Contract Drawings or as directed by the Contract Administrator, where root cutting is performed."</p>
33 05 24		Cured In Place Pipe Liners	
	1.9	Measurement and Payment	<p>Delete Clause 1.9.1 and replace with the following: "Payment for Bypass Pumping / Flow Control for CIPP Works shall be made as a Lump Sum. Payment shall include all work related to the management of sanitary and storm sewer flows required to complete the CIPP works, including preparation and submission of an approved bypass pumping / flow management plan; noise-attenuated bypass pumping; isolation, blocking, plugging, diverting, temporary piping, hoses, pumps, standby pumps, power supply, fuel, controls, monitoring, maintenance, protection, emergency response, environmental protection, installation, operation, maintenance, and removal of the temporary bypass system; and all incidentals required to complete the Work. The Contractor will be entitled to 50% of the payment item on the first progress payment after the bypass system is installed, operational, and accepted by the Contract Administrator, and 50% of the payment item on the first progress payment following dismantling and removal of the bypass system."</p>
33 11 01		Waterworks	
	1.7	Scheduling of Work — Construction Sequencing Plan	<p>Delete Clause 1.7 and Replace with the following:</p> <p>.1 The Contractor shall schedule work to minimize interruptions to the local supply of water. The Contractor shall provide a water supply system Construction Sequencing Plan (CSP) to the Contract Administrator at least 10 Days in advance for review. The CSP shall include: timing and duration of service interruptions; requirements for temporary bypass piping; proposed methodology, sequence and timing for construction, flushing, testing and verification including pressure testing, disinfection, flushing and verification, and proposed tie-in sequence/procedure.</p> <p>.2 The schedule and CSP shall be reviewed by the Contract Administrator before approval is given for any Work affecting the regular supply of water. The earliest time to shut down existing water mains for tie-ins is 10:00 am.</p> <p>.3 The Contractor shall review the tie-in plan on-site with Contract Administrator and City of Victoria Operations staff at least one (1) week prior to confirm valve location and operation, extent and duration of water shutdown, and notification distribution area.</p> <p>.4 During the tie-in, a City of Victoria appointed staff member must be on-site. All isolated valves and services are to be marked upon isolation and again once service is restored.</p> <p>.6 The Contractor shall notify the City of Victoria Water Department and the Contract Administrator three (3) Days</p>

			<p>in advance of any planned interruptions to water or service connections to properties adjoining the water main.</p> <p>.7 Interruptions shall not exceed four (4) hours in duration without written approval of the Contract Administrator.</p> <p>.8 The Contractor shall immediately notify the Contract Administrator and City of Victoria Water Department of any accidental interruption of water supply to hydrants.</p>
	1.8.2	Measurement and Payment	<p>Revise Clause 1.8.2: Payment for watermain and service connections shall include saw cutting pavement, trench excavation, disposal of surplus excavated material, bedding, supply and installation of all pipe, bolts, gaskets and tie rods, polyethylene encasement as shown on the Drawings, imported or native backfill as shown on the Drawings, cleaning, pressure and leakage testing, flushing, disinfection, all surface restoration as specified under Section 31 23 01 (except permanent pavement restoration), and all other work and materials necessary to complete the installation as shown on the Drawings and specified under this Section.</p>

	1.8.14	Measurement and Payment	<p>Add Clause 1.8.14: "Payment for hydrants shall be made on a per-each basis and shall include:</p> <p>.1 Supply and installation of the hydrant body and all appurtenances as shown on City of Victoria Standard Detail Drawing SD W4;</p> <p>.2 Supply and installation of the hydrant service lead from the mainline tee to the hydrant, including all fittings, thrust restraint, polyethylene encasement where required, and granular bedding and backfill for the service lead trench;</p> <p>.3 Supply and installation of the gate valve and adjustable valve box on the hydrant service lead;</p> <p>.4 All saw cutting, trench excavation, and backfill associated with the hydrant service lead and hydrant installation;</p> <p>.5 Temporary surface restoration (cold-mix asphalt patch or compacted granular) over the hydrant service lead trench to provide a safe and trafficable surface until permanent restoration is complete;</p> <p>.6 Height adjustment of the hydrant to meet finished grades — no additional payment will be made for hydrant extensions or reductions required to match final grade;</p> <p>.7 All required curb painting to City of Victoria standards upon completion;</p> <p>.8 Submission of completed hydrant cards to the City of Victoria upon project completion;</p> <p>.9 Coordination of removed hydrant return and delivery with City of Victoria Operations; removed hydrants shall be delivered to the City of Victoria Public Works Yard. Permanent surface restoration over the hydrant service lead trench is NOT included in this item and will be paid separately under the applicable Division 3 and Division 32 items."</p>
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	1.8.16	Measurement and Payment	<p>Add Clause 1.8.16: "Payment for watermain removals and abandonments shall be made on the basis set out below for each item. Unless otherwise noted, all items include saw cutting of existing pavement or concrete surfaces, trench excavation, granular backfill and compaction to 300 mm below the underside of the applicable permanent surface restoration layer, temporary surface restoration (cold-mix asphalt patch or compacted granular) to provide a safe and trafficable surface, and all incidentals required to complete the work. Permanent surface restoration is NOT included in any removal or abandonment item and will be paid separately under the applicable Division 3 and Division 32 items.</p> <p>.1 Payment includes shallow excavation to expose the valve box and valve (300 mm depth), isolation and closure of the existing valve, removal of the valve body, spindle, and valve box, backfill and compaction of the excavation, and temporary surface restoration. Disposal of removed valve and valve box off-site is included.</p> <p>.2 Hydrant Removal (per each): Payment includes disconnection of the hydrant at the gate valve on the service lead, removal of the hydrant body including the hydrant lead pipe back to and including the gate valve and tee connection at the mainline, capping or plugging of the mainline tee opening with fittings acceptable to City of Victoria Operations, granular backfill and compaction, and temporary surface restoration. The removed hydrant shall be delivered to the City of Victoria Public Works Yard in good condition; the Contractor shall coordinate the return and delivery schedule with City of Victoria Operations prior to removal. Delivery to the Public Works Yard is included in this item.</p> <p>.3 Watermain Removal and Off-Site Disposal (per lineal metre, measured by nominal diameter): Payment includes removal and off-site disposal of the existing watermain pipe, couplings, and incidentals within the trench limits, cutting of the pipe at each end of the removal limits as directed by the Contract Administrator, capping or plugging of remaining pipe ends or connections with fittings acceptable to City of Victoria Operations, granular backfill and compaction of the trench, and temporary surface restoration. Measurement shall be made horizontally along the pipe centreline between the cut points as accepted by the Contract Administrator.</p> <p>.4 Abandon Existing Water Service at Curb Stop (per each): Payment includes locating and exposing the existing curb stop, closing the curb stop valve, sealing or plugging the service pipe at the curb stop in a manner acceptable to City of Victoria Operations, removal of the Brooks box and meter setter where accessible, granular backfill and compaction of any excavation required, and temporary surface restoration. Where the curb stop cannot be located, the Contractor shall notify the Contract Administrator immediately; no payment will be made for unsuccessful locate attempts unless directed in writing by the Contract Administrator."</p>
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	1.8.17	Measurement and Payment	<p>Add Clause 1.8.17: "Payment for meter vault modification at 1149 Esquimalt Road shall be made as a lump sum and shall include:</p> <p>.1 All formwork, supply and placement of cast-in-place concrete sidewalls within the existing vault to enclose and suit the new vault hatch opening around the existing meter and fire line Double Check Detector Assembly (DCDA), including all forming, placing, finishing, and curing in accordance with Section 03 30 20;</p> <p>.2 Supply and installation of one (1) new Norinco TI3S106070AV vault hatch, including removal and disposal of the existing hatch, all required frame setting, grouting, and anchoring to achieve a flush and watertight fit to the satisfaction of the Contract Administrator;</p> <p>.3 All incidentals required to complete the vault modification as shown on the Contract Drawings.</p> <p>Permanent surface restoration around the vault hatch opening is NOT included and will be paid separately under the applicable Division 3 and Division 32 items."</p>
	1.9.2	Inspection and Testing — Notice Requirements	<p>Add Clause 1.9.2: The Contract Administrator shall be given three (3) Days written notice in advance of all system tests, pipe chlorination and verification by the Contractor. Submit procedures for pressure and leakage testing, flushing, chlorination and verification to the Contract Administrator for review at least ten (10) business days in advance.</p>
	3.23.1	Connection to Existing Mains — Tie-In Procedure	<p>Delete Clause 3.23.1 and Replace With: The Contractor is to complete all water main tie-ins. This work shall include the supply and installation of all required fittings, valves, spool pieces, couplers, restraints, thrust blocks, tees, testing, backfilling, compaction, and reinstatement of surfaces as required to ensure a functional system. Refer to Clause 1.7 of this Section for Construction Sequencing Plan requirements, notification timelines, and City of Victoria Operations witnessing requirements.</p>
33 44 01		Manholes and Catchbasins	

	1.5	Measurement and Payment	<p>Delete Clause 1.5.3 and Replace with 1.5.3S: "Payment for adjustment of tops of existing manholes, catch basins, valve boxes, junction boxes, inspection chambers, and Brooks boxes will be made at the respective unit prices tendered in the Schedule of Quantities and Prices. Measurement will be in units adjusted as defined herein.</p> <p>19. Adjustments to existing manholes (including third-party manholes within the Contract limits) will be defined as resetting of the entire cast frame and cover to finished grade. Adjustments will include jackhammering, reinstatement of the existing frame and cover, removal, or addition of rings completely to the manhole donut, cement mortar, concrete encasement, temporary asphalt ramping, and any other incidental work. All manholes must be vertically adjusted a minimum of 24 hours prior to paving. The Contract Administrator shall determine what manholes shall require adjustment. Coordination with third-party utility owners for access and scheduling is the responsibility of the Contractor.</p> <p>20. Catch basin, valve box, junction box, and inspection chamber adjustments will be defined as resetting of the entire cast frame and grate or cover to finished grade. Adjustments will include jackhammering, reinstatement of the existing frame and grate or cover, removal, or addition of concrete riser rings, cement mortar, concrete encasement, temporary asphalt ramping, and any other incidental work. All castings must be vertically adjusted a minimum of 24 hours prior to paving. The Contract Administrator shall determine what castings shall require adjustment. Curb and gutter will be paid for separately. No separate payment will be made for casting adjustments that are incidental to paving work paid under Section 32 12 16 — Hot-Mix Asphalt Concrete Paving or Section 32 13 13 — Portland Cement Concrete Paving; adjustment of castings within those paving areas is deemed included in the respective paving unit prices."</p>
34 41 13		Traffic Signals	
	1.9	Measurement and Payment	<p>Add Clause 1.9.4: "Payment for the supply, relocation, and installation of traffic signs, sign posts, bases, and sleeves shall be made on a per-each basis as shown on the Contract Drawings.</p> <p>For removal or relocation of existing sign assemblies, payment shall be made per post or assembly, not per individual sign. Where multiple signs are mounted on a single post, removal or relocation of that post (including all attached signs) shall be considered one item.</p> <p>The relocation or removal of any existing signs, posts, or assemblies identified on the Electrical Drawings shall be incidental to the Electrical Lump Sum item for that location and will not be paid separately under this section."</p>