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Specifications MMCD 2019 Edition

857 Admirals Road Culvert Replacement

Reference Number: ENG 26-01
April 2026
KWL Project No. 601.014

Prepared for:
Township of Esquimalt



1. Documents that are provided include:
 - a. Invitation to Tender.
 - b. Instructions to Tenderers – Part I.
 - c. Form of Tender:
 - i. Appendix 1 – Schedule of Quantities and Prices
 - ii. Appendix 2 – Preliminary Construction Schedule
 - iii. Appendix 3 – Experience of Superintendent
 - iv. Appendix 4 – Comparable Work Experience
 - v. Appendix 5 – Subcontractors
 - d. Form of Agreement:
 - i. Schedule 1, Schedule of Contract Documents
 - ii. Schedule 2, List of Contract Documents
 - e. Supplemental General Conditions – Part I Issued by MMCD
 - f. Supplemental General Conditions – Part II Project Specific
 - g. Supplemental Specifications – Part I – Issued by MMCD
 - h. Supplemental Specifications – Part II – Project Specific
 - i. Supplemental Specifications – Part III – Payment
 - j. Supplemental Standard Detail Drawings – Part I – Issued by MMCD
 - k. Appendices:
 - i. Appendix 1 – Geotechnical Report
 - ii. Appendix 2 – Sample Traffic Management Plan
 - l. Contract Drawings (Listed in Schedule 2 of the Agreement)
2. Standard Documents not included but referred to as part of the Tender Documents (available in the 'MMCD 2019 Edition – General Conditions, Specifications and Standard Detail Drawings').
 - a. Instructions to Tenderers – Part II.
 - b. General Conditions.
 - c. Standard Specifications.
 - d. Standard Detail Drawings.

Invitation to Tender

Owner: Township of Esquimalt
(Name of Owner)

Contract: 857 Admirals Road Culvert Replacement
(Title of Contract)

Reference No.: ENG 26-01
(Owner's Contract Reference Number)

The Owner invites tenders for: Replacement of storm culvert below the E&N Rail corridor via directional drilling

Contract Documents are available at Tender documents are available online at BC Bid (<https://www.bcbid.gov.bc.ca/>). Tenderers are advised to check regularly for addenda and updates. It is the Tenderer's responsibility to ensure that all issued addenda are included in the tender.

Key Dates and Times: (All Times Local)
Pre-Tender Meeting (OPTIONAL):... **Wednesday, April 22, 2026 at 11:00 am**
Tender Enquiries Deadline: **Wednesday, April 29, 2026 at 4:00 pm**
Tender Closing: **Wednesday, May 6, 2026 at 3:00 pm**
Assumed Notice to Proceed: **Tuesday, May 26, 2026**
Substantial Performance: **Monday, August 31, 2026**
[Refer to Instructions to Tenderers
Section 5.0 *Substantial Performance and Mobilization Scheduling*]

Tenders will be received at: Sealed tenders will be received digitally via email only, clearly marked:

Digital Copies
Email: engineering.department@esquimalt.ca
Subject: "ENG-857Admirals_Tender_ContractorName"
Attn: Joel Clary
Notes: Tenders must be submitted in a single compiled ".pdf" format

Bid Security: Each tender must be accompanied by a Bid Security conforming to MMCD Platinum Edition *Instructions to Tenderers – Part II* in the amount of 10% of the tendered price.

Tender Opening: Tenders will not be opened publicly. However, tender results will be shared with all Tenderers.

Owner's Representative: For more information, please contact:
Kerr Wood Leidal Associates Ltd.
844 Courtney St
Victoria, BC V8W 1C4
Phone: 250-294-8018
Fax: 1-604-294-2090
Attn.: Dale Lewis

Instructions to Tenderers

(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: Township of Esquimalt
(Name of Owner)

Contract: 857 Admirals Road Culvert Replacement
(Title of Contract)

Reference No.: ENG 26-01
(Owner's Contract Reference Number)

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:

Replacement of storm culvert below the E&N Rail corridor via directional drilling

1.2 Direct all inquiries regarding the Contract to the Contract Administrator:

Dale Lewis
Kerr Wood Leidal Associates Ltd.
844 Courtney St
Victoria, BC V8W 1C4
Phone: 250-294-8018
Fax: 1-604-294-2090
Email: dlewis@kwl.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 in accordance with the Invitation to Tender on or before:
- | | |
|---------------|---------------------------------------|
| Tender | Refer to Invitation to Tender, |
| Closing Time: | Key Dates and Times |
| Tender | Refer to Invitation to Tender, |
| Closing Date: | Key Dates and Times |
- 3.2 Late tenders will not be accepted or considered and will be returned unopened. Faxed amendments received after the tender closing date and time as indicated on the computer clock stamped on the fax, will not be accepted. (Refer to Instruction to Tenderers – Part II, Item 12.5.)
- 4.0 Additional Instructions to Tenderers**
- 4.1 Assumed Notice to Proceed:
- 4.1.1 The Assumed Notice to Proceed date as detailed in the Invitation to Tender is an assumed date that shall be used to equitably adjust the Contract Time. It is intended that the duration of the contract will remain unchanged, whereas contract start and Milestone/Substantial Performance dates will be changed accordingly.
- 4.1.2 Should the Notice to Proceed be issued on a day other than the Assumed Notice to Proceed date, the Contract shall be equitably adjusted by Change Order to account for the difference in dates.

- 5.0 Pre-Tender Meeting (Optional)**
- 5.1 Tenderers may attend an optional site meeting to review each scope of work in person.
- 5.2 Access to PSPC lands for the Pre-Tender meeting requires pre-registration. Any Tenderers planning to enter PSPC lands during the pre-tender meeting must pre-register with the Contract Administrator minimum 3 business days prior to the date of the meeting. Anyone entering PSPC lands must bring 1 valid piece of government issued ID.
- 5.3 Pre-Tender Meeting Details
- 5.2.1 Meeting Location: 857 Admirals Road
- 5.2.2 Meeting Date: **Wednesday, April 22, 2026**
- 5.2.3 Meeting Time: 11:00 am
- 6.0 Substantial Performance and Mobilization Scheduling**
- 6.1 The Substantial Performance date per the Invitation to Tender Key Dates and Times is set to provide the Contractor with schedule flexibility for the construction of the works herein and represents the latest acceptable date Substantial Performance may be achieved by. Contractor to indicate their preferred date of Substantial Performance and date of Mobilization/Demobilization within the Preliminary Construction Schedule in the Form of Tender. The contractual Substantial Performance date will be revised accordingly. The Contractor's proposed schedule shall reflect a continuous and diligent progression of the Work from Mobilization through to Substantial Performance. The Contractor shall not propose or implement any schedule that includes interruptions, suspensions, or gaps in the performance of the Work.
- 6.2 The Contractor shall not indicate a preferred Substantial Performance date later than the date listed in the Invitation to Tender Key Dates and Times.

Form of Tender

Schedule of Quantities and Prices
(See Paragraph 5.3.2 of the *Instructions to Tenderers – Part II*)

(All prices and Quotations including the Contract Price shall not include GST. GST shall be shown separately.)
**FOR USE WHEN UNIT PRICES FORM THE BASIS OF PAYMENT. TO BE USED ONLY WITH THE GENERAL CONDITIONS AND OTHER
STAND DOCUMENTS OF THE UNIT PRICE MASTER MUNICIPAL CONSTRUCTION DOCUMENTS.**

Owner: Township of Esquimalt
(Name of Owner)

Contract: 857 Admirals Road Culvert Replacement
(Title of Contract)

Reference No.: ENG 26-01
(Owner's Contract Reference Number)

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 the date of Substantial Performance as stated under 'Key Dates and Times' on the 'Invitation to Tender

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.

Schedule of Quantities and Prices
(See Paragraph 5.3.2 of the *Instructions to Tenderers – Part II*)

- (All prices and Quotations including the Contract Price shall not include GST. GST shall be shown separately.)
- 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*:
- 5.1.1.1 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*;
- 5.1.1.2 a *Baseline Construction Schedule*, as provided by GC 4.6.1;
- 5.1.1.3 a ‘clearance letter’ indicating that the tenderer is in WCB compliance; and
- 5.1.1.4 a copy of the insurance policies as specified in GC 24 and any Supplementary GCs indicating that all such insurance coverage is in place and;
- 5.1.2 within 5 *Days* of the Mobilization date per the Form of Tender - Preliminary Construction Schedule, commence the *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*.

Schedule of Quantities and Prices
(See Paragraph 5.3.2 of the *Instructions to Tenderers – Part II*)

(All prices and Quotations including the Contract Price shall not include GST. GST shall be shown separately.)

**OUR ADDRESS IS AS
FOLLOWS**

Phone: _____

Fax: _____

Attn.: _____

This Tender is executed this

_____ day of _____, 2026.

Contractor:

(Full legal name of corporation, partnership or individual)

(Authorized Signatory)

(Authorized Signatory)

Schedule of Quantities and Prices
(See Paragraph 5.3.2 of the *Instructions to Tenderers – Part II*)

(All prices and Quotations including the Contract Price shall not include GST. GST shall be shown separately.)
Refer to Supplemental Specification Part III for descriptions of all payment items.

Item	Description	Unit	Est. Qty.	Unit Price	Total
01	Traffic Control and Management	LS	100%		
02	Mobilization and Demobilization	LS	100%		
03	Bonding and Insurance	LS	100%		
04	Project Record Documents and CCTV	LS	100%		
05	Utility Pre-Locates	LS	100%		
06	PSPC Lands Commissionaire	Day	5		
07	750 mm Steel Casing Pipe (via GHAB)	Lin.m	22.5		
08	600 mm HDPE Storm Carrier Pipe	Lin.m	24.5		
09	600 mm PVC Storm	Lin.m	11		
10	Redirection of CB Leads to Main	Lin.m	18		
11	Storm Clean Out	Each	2		
12	Downstream Connection to Existing Storm	Each	1		

Continued on next page

Schedule of Quantities and Prices
(See Paragraph 5.3.2 of the *Instructions to Tenderers – Part II*)

(All prices and Quotations including the Contract Price shall not include GST. GST shall be shown separately.)

Item	Description	Unit	Est. Qty.	Unit Price	Total
13	DMH 1	Each	1		
14	DMH 2	Each	1		
15	DMH 3	Each	1		
16	DMH 4	Each	1		
17	Control Density Filling of Existing Storm Main	LS	1		
18	Final Cleanup and Surface Restorations	LS	1		
19	Tree and Brush Removals	LS	1		
OP1	Contaminated Soils Disposal	Tonne (1000 kg)	10		
Sub-Total (Excl. GST):					
5% GST					
Total Tendered Amount					

End of Schedule of Quantities and Prices

Experience of Superintendent
(See Paragraph 5.3.3 of the *Instructions to Tenderers – Part II*)

Name _____

Experience

Dates:	
Project Name:	
Responsibilities:	
References:	

Dates:	
Project Name:	
Responsibilities:	
References:	

Dates:	
Project Name:	
Responsibilities:	

Experience of Superintendent
(See Paragraph 5.3.3 of the *Instructions to Tenderers – Part II*)

References:

Comparable Work Experience
(See Paragraph 5.3.5 of the *Instructions to Tenderers – Part II*)

Project	Owner/ Contact Name	Phone Number & Email	Work Description	Value (\$)

Agreement

(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 _____, 2026.

Contract:

857 Admirals Road Culvert Replacement

(Title of Contract)

Reference No.:

ENG 26-01

(Owner's Contract Reference Number)

BETWEEN

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 shall 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 shall commence the Work in accordance with the Notice to Proceed. The Contractor shall proceed with the Work diligently, shall 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 the date as noted in the Invitation to Tender under Key Dates and Times, subject to 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 - 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 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:
- 3.1.1 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
- 3.1.2 all lump sums, if any, as listed in the Schedule of Quantities and Prices, for items relating to or incorporated into the Work; plus
- 3.1.3 any adjustments, including any payments owing because 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*:

Township of Esquimalt

1229 Esquimalt Road

Victoria, BC V9A 3P1

Fax: **250-414-7111**

Attn.: **Joel Clary**

The *Contractor*:

Fax: _____

Attn.: _____

The *Contract Administrator*:

Kerr Wood Leidal Associates Ltd.

844 Courtney St

Victoria, BC V8W 1C4

Fax: **1-604-294-2090**

Attn.: **Dale Lewis**

**Article 7
General**

- 6.2 A communication or Notice that is addressed as above shall be considered to have been received:
- 6.2.1 immediately upon delivery, if delivered by hand; or
 - 6.2.2 immediately upon transmission if sent by fax and received in hard copy; or
 - 6.2.3 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 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.
- 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:

Contractor

(Full legal name of corporation, partnership or individual)

(Authorized Signatory)

(Authorized Signatory)

Owner:

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.

- Agreement, including all Schedules;
- Supplemental General Conditions, Part I and Part II;
- General Conditions*;
- Supplemental Specifications, Part I, Part II and Part III;
- Specifications*;
- Supplemental Standard Detail Drawings, Part I;
- Executed Form of Tender, including all Appendices;
- *Contract Documents* listed in Schedule 2 to the Agreement – '*List of Contract Documents*';
- Instructions to Tenderers – Part I;
- Instructions to Tenderers – Part II*;
- The following Addenda:

(Addenda, if any)

Supplemental General Conditions

Part I – Issued by MMCD

Supplemental updates are MMCD issued updates. A complete list of all the Supplemental General Conditions describing each change is not included in this document; however, detailed descriptions can be found on the MMCD website. Bidders are deemed to have visited the MMCD website and have reviewed and understand the Supplemental Updates. It is the Contractor's responsibility to ensure they are aware of all supplemental updates issued by MMCD at time of tender. Any supplemental update issued prior to tender close shall form part of the Contract Documents.

Supplemental General Conditions Part II – Project Specific

Supplemental General Condition:	GC 2.2.4S – Interpretation		
Affected Document(s):	Volume II	Affected Document(s):	Volume II
Section:	General Conditions	Section:	General Conditions
Change Summary:	Revise order of precedence for <i>Contract Documents</i>.		
Currently:	<p>If there is any inconsistency or conflict between the provisions of the <i>Contract Documents</i>, then:</p> <p>(1) the <i>Contract Documents</i> shall govern and take precedence in the following order with the Agreement taking precedence over all other <i>Contract Documents</i>:</p> <ul style="list-style-type: none"> (a) Agreement (b) Addenda (c) Supplemental General Conditions (d) General Conditions (e) Supplemental Specifications (f) Specifications (g) Drawings listed in Schedule 2 to the Agreement (h) Supplemental Detail Drawings (i) Standard Detail Drawings (j) Executed Form of Tender (k) Instructions to Tenderers (l) All other Contract Documents 		
Should Be:	<p>If there is any inconsistency or conflict between the provisions of the <i>Contract Documents</i>, then:</p> <p>(1) the <i>Contract Documents</i> shall govern and take precedence in the following order with the Agreement taking precedence over all other <i>Contract Documents</i>:</p> <ul style="list-style-type: none"> (a) Agreement (b) Addenda (c) Supplemental General Conditions Part II – Project Specific (d) Supplemental General Conditions Part I – Issued by MMCD (e) General Conditions (f) Supplemental Specifications Part III – Payment (g) Supplemental Specifications Part II – Project Specific (h) Supplemental Specifications Part I – Issued by MMCD (i) Specifications: (j) Drawings listed in Schedule 2 to the Agreement (k) Supplemental Standard Detail Drawings Part II – Project Specific (l) Supplemental Standard Detail Drawings Part I – Issued by MMCD (m) Standard Detail Drawings (n) Executed Form of Tender (o) Instructions to Tenderers (p) All other Contract Documents 		

Supplementary Specification:	GC 4.3.7S Pre Works Site Inspection		
Affected Document(s):	Volume II	Change Type:	New
Section:	General Conditions	Reference:	GC 4.3 - Protection of Work, Property and the Public
Change Summary:	Add in Pre Works Site Inspection		
Currently:	Not Applicable		
Should Be:	<p>4.3.7S Prior to mobilization and commencement of any construction the Contractor shall:</p> <ol style="list-style-type: none"> (1) undertake a photographic/video record inspection of the project site with specific emphasis on the condition of the boulevards, roads, adjacent properties and infrastructure. (2) provide a complete copy of the photographic/video record to the Contract Administrator after the inspection which shall become the record of condition of the project prior to construction. (3) undertake the photographic/video record inspection with the Contract Administrator's representative present 		

**Supplemental Specifications
Part I – Issued by MMCD**

Supplemental updates are MMCD issued updates. A complete list of all the Supplemental Specifications describing each change is not included in this document; however, detailed descriptions can be found on the MMCD website. Bidders are deemed to have visited the MMCD website and have reviewed and understand the Supplemental Updates. It is the Contractor's responsibility to ensure they are aware of all supplemental updates issued by MMCD at time of tender. Any supplemental update issued prior to tender close shall form part of the Contract Documents.

**Supplemental Specifications
Part II – Project Specific**

LIST OF SUPPLEMENTAL SPECIFICATIONS

SECTION NUMBER	NAME	BY
DIVISION 01 GENERAL REQUIREMENTS		
Section 01 30 00 1.0S	Administrative Requirements	KWL
Section 01 55 00 1.4.14S	Traffic Management Plans	KWL
Section 01 33 01	Project Record Documents	MMCD
Section 01 42 00	Reference Specifications	MMCD
Section 01 51 01	Temporary Utilities and Lighting	MMCD
Section 01 57 01	Environmental Protection	MMCD
Section 01 55 00	Traffic Control, Vehicle Access and Parking	MMCD
Section 01 58 01	Project Identification	MMCD
DIVISION 31 EARTHWORK		
Section 31 22 01	Site Grading	MMCD
Section 31 23 01	Excavating, Trenching, and Backfilling	MMCD
DIVISION 32 SITE WORK		
Section 32 12 16	Hot-Mix Asphalt Concrete Paving	MMCD
Section 32 93 01	Planting of Trees, Shrubs and Ground Covers	MMCD
DIVISION 33 UTILITIES SUPPLEMENTAL SPECIFICATIONS		
Section 33 31 24	Buried Piping Using Directional Drilling	KWL
Section 33 40 01	Storm Sewers	MMCD
Section 33 44 01	Manholes and Catchbasins	MMCD

SUBMITTAL

Kerr Wood Leidal Associates Ltd.

Prepared by:



Eric Neil, P.Eng.
Project Engineer

Revision History

Rev. No.	Date	By	Checked By	Issued For	Comment
0	April 2026	EN	RYL	Tender	

Affected Specification Section:	Section 01 30 00 – Administrative Requirements		
Supplemental Name:	1.0S – Working Within or on E&N Rail Trail		
Affected Document(s):	Volume II	Change Type:	Addition
Change Summary:	Additional Requirements		
Currently:	Not applicable		
Should Be:	<p>.1 Working within or on E&N Rail Trail</p> <ul style="list-style-type: none"> a. E&N Rail Trail must remain continuously open through construction except during the catch-basin lead work during which the E&N Trail can be bypassed between Stancombe Place and Coleville Road. b. It is solely the Contractor’s responsibility to obtain approvals for closure of the E&N Rail Trail including preparation of Traffic Management Plans and coordination with CRD Trails which will require multiple weeks of advanced notice and coordination. c. It is solely the Contractor’s responsibility to bear all costs associated with closing and detouring the E&N Rail Trail per the CRD’s requirements. d. A Sample Traffic Management Plan is provided in Appendix 2 for reference purposes only but was successfully implemented during planning stages of this project. Note feedback was received from CRD Trails post-detour that more barriers between Admirals Road and the temporary detour route would be needed for any future detours. 		

Affected Specification Section:	Section 01 30 00 – Administrative Requirements		
Supplemental Name:	2.0S – Working Within Island Rail Corridor / Southern Railway of BC Corridor		
Affected Document(s):	Volume II	Change Type:	Addition
Change Summary:	Additional Requirements		
Currently:	Not applicable		
Should Be:	<p>.1 Working within rail corridor including Island Corridor Foundation (ICF) Right of Way:</p> <ul style="list-style-type: none"> a. For work within 30 feet / 9.2 meters from centerline of the rail tracks: <ul style="list-style-type: none"> i. Notification of any work to be performed must be provided to the railway at least forty-eight (48) hours in advance. The Contractor shall contact the SVI Roadmaster, Al Kutaj, at 250-755-5604 or at the SVI office 250-754-9222. ii. Railway flag protection shall be required for all work involving materials, equipment, and/or personnel at all times. Such protection shall be provided by a qualified railway flag person and track inspector. The railway flag person shall be an employee of the operating railway or a qualified individual approved by the railway. Costs for the flag protection requirements per this section only will be borne by the Owner. It is the contractor's responsibility to coordinate the dates that the flag protection is needed with the Owner. b. For work undertaken within the rail right-of-way where all materials, equipment, and personnel remain at all times a minimum distance of 30 feet / 9.2 meters from the centerline of any track, railway flag protection may not be required. However, the railway shall be notified of the details and schedule of the work in accordance with the notification procedures and contact information specified above. 		

Affected Specification Section:	Section 01 30 00 – Administrative Requirements		
Supplemental Name:	3.0S – Working Within Procurement Services and Procurement Canada (PSPC) Property		
Affected Document(s):	Volume II	Change Type:	Addition
Change Summary:	Additional Requirements		
Currently:	Not applicable		
Should Be:	<p>.1 Working within Public Services and Procurement Canada (PSPC) Property Boundaries:</p> <ul style="list-style-type: none"> a. PSPC Point of Contact: <ul style="list-style-type: none"> i. Melissa Piasta: Melissa.Piasta@tpsgc-pwgsc.gc.ca b. Traffic/Site Control: <ul style="list-style-type: none"> i. Traffic control flaggers shall be used to manage alternating traffic where required. Minimum one lane of traffic shall be maintained at all times to allow access to and from Esquimalt Graving Dock (EGD) Parking Lots A, B, and B-1. ii. Temporary barriers shall be installed and maintained around all excavations for the duration of the work. c. Security: <ul style="list-style-type: none"> i. All personnel accessing the site shall only be permitted access to the site while escorted by an individual who holds a valid Reliability Security Clearance. A Commissionaire must be hired for this purpose through Commissionaires BC (https://commissionaires.bc.ca/). ii. All personnel must attend the PSPC Esquimalt Graving Dock Site Safety Orientation prior to commencing work. The orientation is approximately 45 minutes in duration and is generally scheduled on Mondays, Wednesdays, and Fridays at 8:30 a.m. Alternate orientation times may be arranged with advance notice and subject to approval. iii. All personnel must be registered in the site access system for entry through the Main Gate located at 825 Admirals Road with a minimum of twenty-four (24) hours' notice. Full name and photo identification for each individual is required for access. Upon arrival, personnel shall be issued a Visitor Pass, which must be returned upon departure from the site. iv. Fencing within PSPC property must be removed to allow for the construction. At any time this fence is removed it shall be monitored by a Commissionaire. The same Commissionaire under Clause b.i of this section can serve as the fence monitor. This fence must be fully reinstated at the end of each working day. d. Soil Management: <ul style="list-style-type: none"> i. Soil excavated from the site shall not be reused on PSPC property. The proposed disposal facility shall be submitted to Contract Administrator for review and approval prior to the removal of any soil from the site including results from the soil sampling and testing requirements for soil disposal. 		

	<ul style="list-style-type: none"> ii. All backfill material used on site shall comply with the applicable Canadian Council of Ministers of the Environment (CCME) Environmental Quality Guidelines. e. Material Storage <ul style="list-style-type: none"> i. Receipt of material deliveries and the storage of materials is only permitted during working hours. No stored material shall remain within PSPC property during non-working hours unless otherwise approved. f. Vehicle Parking <ul style="list-style-type: none"> i. Contractor vehicles are permitted to park within the project area during working hours only. No parked vehicles can remain after working hours.
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Affected Specification Section:	Section 01 30 00 – Administrative Requirements		
Supplemental Name:	4.0S – Archaeological Working Requirements		
Affected Document(s):	Volume II	Change Type:	Addition
Change Summary:	Additional Requirements		
Currently:	Not applicable		
Should Be:	<ul style="list-style-type: none"> .1 All excavations must be monitored by an archaeologist whom the Owner will provide and pay for. The Contractor must coordinate excavation work with sufficient notice for the Archaeologist to mobilize to site. Provide minimum 24-hrs for planned excavations. .2 All excavation activities shall occur under Chance Finds Procedures. The Contractor work force must complete archaeology awareness training prior to starting excavations. .3 Archaeological material found on PSPC property will be retained by PSPC. 		

Affected Specification Section:	Section 01 55 00 – Traffic Control, Vehicle Access, and Parking		
Supplemental Name:	1.4.14S – Traffic Management Plans		
Affected Document(s):	Volume II	Change Type:	Replace
Section:	1.4 Traffic Control		
Change Summary:	Add		
Currently:	n/a		
Should Be:	<ol style="list-style-type: none"> 1. The Contractor shall be responsible for developing and implementing multiple traffic management plans to control vehicles, pedestrian, and bicycle movement within all work zones and in accordance with the following as noted on the Contract Drawings (work in Township of Esquimalt, work on CRD Trails, work in PSPC). 2. A sample TMP for the CRD E&N Rail Trail is included in Appendix 2, to be used as reference only. 3. Where the Contractor will be occupying municipal roads, the Contractor shall obtain road occupancy permits as required by the governing municipality. 4. The traffic management plans shall be prepared by qualified individual and include but not be limited to: <ol style="list-style-type: none"> a. Identification of work zones, staging areas, and limits of construction. b. Proposed traffic control measures, including signage, delineation, and channelization devices in accordance with applicable standards and guidelines. c. Temporary lane closures, detours, and traffic routing, including provisions for maintaining traffic flow. d. Pedestrian and cyclist accommodation through or around the work zone. e. Access provisions for adjacent properties, businesses, and emergency vehicles. f. Traffic control personnel requirements and locations, where applicable. g. Work hours and any restrictions related to peak traffic periods. h. Provisions for maintaining transit operations, where applicable. i. Installation, maintenance, and removal procedures for traffic control devices. j. Contact information for the responsible traffic control supervisor. 		

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Part 1 General

1.1 Summary

- .1 This section specifies the requirements for the supply and installation of utility piping by Guided Horizontal Auger Boring.

1.2 References

- .1 All standards referenced in this section shall be the most recent edition.
- .2 TC E-10 – Standards Respecting Pipeline Crossings Under Railways (Transport Canada).
- .3 CSA Z662 - Oil and Gas Pipeline Systems.
- .4 AREMA Manual for Railway Engineering (American Railway Engineering and Maintenance Association).

1.3 Definitions

- .1 Guided Horizontal Auger Boring (GHAB): Installation of casing pipe along a straight alignment by jacking through ground while an auger removes soil using a guidance system.

1.4 System Description

- .1 The casing pipe system shown on the Drawings reflect minimum requirements.
- .2 The contractor may provide different thicknesses and grades of materials if required for constructability, subject to approval of their Pipe Design as described below.

1.5 Submittals

- .1 Submit to the Contract Administrator for approval:
 - a. details of the pipe jacking equipment, casing pipe, and method of installation.
 - b. Casing pipe dimensions, grade, and certification from the pipe manufacturer that the pipe material meets the Contract Documents.
- .2 The Contractor shall submit as-built drawings showing the exact location (northing, easting and centreline elevation) of each end of each installed casing pipe.

1.6 Qualifications of Jacking Subcontractor

- .1 The jacking subcontractor shall have documented experience in construction of railway or road crossings with steel pipe using horizontal jacking/boring methods. References and previous experience shall be provided with the Contractor's Tender.

1.7 Co-ordination and Sequencing

- .1 Co-ordinate all work with the Owner and impacted private properties.

Part 2 Products

2.1 Materials

- .1 The pipe used shall be new, circular pipe meeting the Contract Documents.
- .2 The Contractor shall ensure that the pipe supplied is reinforced as necessary to withstand stress generated by the jacking procedure, in accordance with the approved submittals.

2.2 Steel Pipe

- .1 Casing pipe shall be carbon steel pipe in the dimension, thickness, and grade as detailed on the Contract Drawings.
- .2 Pipe shall have not more than one longitudinal seam and not more than two girth seams for single random length. Supply pipe in single and double random lengths.
- .3 Exterior finish: uncoated steel
- .4 Interior finish: uncoated steel
- .5 Pipe joints: to be butt-welded joints with bevelled ends.

2.3 Casing Spacers

- .1 Provide segmented casing spacers to suit the carrier and casing pipes as noted on Contract Drawings.

2.4 Casing Seals

- .1 Provide flexible seals to suit the carrier and casing pipes as noted on Contract Drawings.

Part 3 Execution

3.1 General

- .1 Under this contract, the proposed pipe shall be installed under an existing trail and railway track.
- .2 No open cuts will be allowed except to accommodate the jacking/auger equipment.
- .3 Jacking must be completed in a manner that will not damage or affect existing roads, tracks, utilities, slope stability, riverbed, or property.
- .4 Install pipe to lines, levels and grades indicated on the drawings.

3.2 Excavation and Backfill

- .1 Excavate and backfill jacking pits using import granular material compacted in 300 mm lifts.

3.3 Equipment

- .1 Pipe jacking equipment shall distribute jacking forces uniformly around the periphery of the pipe and a thrust ring shall be used to transmit pressures to the end of the pipe uniformly.
- .2 If a pipe lubrication system is used, the Contractor shall obtain approval of the proposed lubricant, which shall be non-toxic and environmentally safe. The Contractor shall arrange for and pay for the necessary water for lubrication.
- .3 Continuously monitor line and grade utilizing a laser capable of monitoring the entire length of each tunnelling operation and having a beam deviation over this length of 6 mm or less.

3.4 Jacking

- .1 The specific methods of jacking shall be as selected by the Contractor and appropriate to the equipment used and soil conditions anticipated.
- .2 The operation shall provide for continuous hole protection by tunnelling shield or pipe.
- .3 Tolerance for pipe alignment shall be as follows:
 - a. For pipes 900 mm and smaller, maximum deviation from line is 150 mm.
 - b. For pipes 1,050 mm and larger, maximum deviation from line is 50 mm per 300 mm of pipe diameter.
 - c. The pipe invert elevation shall not deviate from the design elevation by more than 12 mm, plus 6 mm per 300 mm of pipe diameter, nor have any measurable sags between manholes.
- .4 If these tolerances are exceeded, the Contractor is required to make corrections at the Contractor's own cost, subject to the approval of the Contract Administrator.

3.5 Pipe Jointing

- .1 Jacked steel pipe sections shall be jointed with full penetration continuous welds to industry standards, and in accordance with the most recent CSA, ASTM as specified elsewhere.
- .2 The first weld shall be inspected by a Canadian Welding Bureau (CWB) Level 2 Weld Inspector. Weld inspection must occur prior to installing the welded section of pipe.

3.6 Completion

- .1 The casing pipe shall be inspected using CCTV video prior to installing the carrier pipe.

Revision History

Rev. No.	Date	By	Checked By	Issued For	Comment
0	2026-03-11	EN	RYL	Tender	

End of Section

Supplemental Specifications
Part III – Payment

Payment Items - General

The basis of measurement and payment for items included in the Form of Tender Appendix 1 – Schedule of Quantities and Prices are described below. The specific payment descriptions below supersede the applicable payment clauses in the MMCD Platinum Edition Volume II and any MMCD issued Supplemental Updates that may detail payment clauses.

The descriptions of Work to be done under Form of Tender – Appendix 1 – Schedule of Quantities and Prices are general descriptions of the Work only to break down and assess the Tender Price. These descriptions are not intended to include all details of requirements and responsibilities of the Contractor to complete the Works in accordance with the Contract. It is the Tenderer's responsibility to ensure that the Tender Sum submitted with the Tender is sufficient to complete all the Works based upon the whole of the Contract Documents.

Unless otherwise specified, for the purposes of bidding all insitu material shall be assumed to meet the definition of Residential (Low Density DRLD) per BC Environmental Management Act – Contaminated Sites Regulation. For the purposes of bidding it shall be assumed no Native Material will be reused.

The price bid for each item shall be full compensation for all labour, equipment, materials, de-watering and incidentals necessary to complete the supply, installation and construction of each item as specified to the lines, grades, and cross-section in accordance with the Contract Documents and as directed by the Contract Administrator.

If a Lump Sum Payment is shown in Appendix 1 - Schedule of Quantities and Prices, unless specifically detailed otherwise in the Description of Payment Items, payment shall be based on the Contract Administrator's estimated percentage of the Contract completed.

DESCRIPTION OF PAYMENT ITEMS

Pmt. Item	Payment Item Description
01	<p>Traffic Control and Management</p> <p>This item shall provide full compensation for developing and implementing Traffic Management Plans (TMP) to control all types of traffic adjacent to and within the work zones 24-hours per day 7-days a week for the duration of the Work as specified in the Contract Documents.</p> <p>This item shall include, but not necessarily be limited to:</p> <ul style="list-style-type: none">• Developing and implementing multiple Traffic Management Plans, defined by work zones, as specified in the Contract Documents.• Obtaining permits from applicable authorities that have jurisdiction over the roadways.• Installation and subsequent removal of all traffic control devices, signage and lighting,• Flag persons, and• Advertisement of the traffic management plan and road closures, and <p>Payment will be made at the unit and unit price as detailed in the Form of Tender Appendix 1 -Schedule of Quantities and Prices.</p>

Pmt. Item	Payment Item Description
02	<p>Mobilization / Demobilization</p> <p>This item shall provide full compensation for mobilization and demobilization associated with the Contractor's equipment, site facilities, and services.</p> <p>The total amount tendered for mobilization/demobilization shall not exceed 15% of the total tender price. Should the tender show a sum exceeding 15% of the total tender price, the amount will be reduced to the maximum allowable and the new figure shall prevail both for the purpose of determining low tender and for payment to the Contractor.</p> <p>Payment between mobilization and demobilization will be split as follows:</p> <p style="padding-left: 40px;">50% Mobilization 50% Demobilization</p> <p>Mobilization will be paid on the first progress payment certificate after the Contractor has established the operation and facilities specified. Demobilization will be paid upon completion of the construction activities, removal of equipment and cleanup of the work areas to the satisfaction of the Contract Administrator.</p> <p>Payment will be made at the unit and unit price as detailed in the Form of Tender Appendix 1 -Schedule of Quantities and Prices.</p>
03	<p>Bonding and Insurance</p> <p>This item shall include all costs for bonding and insurance for the complete Contract.</p> <p>Payment based on actual cost to Contractor. Tendered amount not to exceed 2% of Total Tender Price. Costs in excess of this are deemed included in other unit rates tendered. Contract Administrator may require documentation for proof of payment.</p> <p>Payment will be made at the lump sum price tendered in the Schedule of Quantities and Prices on the first progress payment subsequent to submission of documentation of bonding and insurance coverage.</p>
04	<p>Project Record Documents and CCTV</p> <p>This item shall include all costs associated for final survey of all pipe inverts within manholes, catch basins, or tie-ins with Northing, Eastings, and Elevations. Item shall include preparation of Red Line Drawings and performing CCTV of all pipe works.</p> <p>Payment for CCTV pipeline inspection include, but not limited to:</p> <ul style="list-style-type: none"> • Providing water supply for proving grading, ponding, and flow. • Providing video detailing clean undamaged pipe and appurtenances. • Any deficiencies identified in the video requiring repair/replacement and subsequent re-video, will be undertaken with no additional payment being made. <p>CCTV mainline videos and reports shall be submitted to the CA in digital format only and within 24 hours of CCTV completion of the pipe section.</p> <p>Payment will be made at the unit and unit price as detailed in the Form of Tender Appendix 1 -Schedule of Quantities and Prices</p>
05	<p>Utility Pre-Locates</p> <p>This item shall include all costs associated with locating but not limited to existing Water, Storm Mains, CB leads, and Communications Conduit prior to construction. existing catchbasin leads.</p> <p>This item also includes soil testing for proper disposal.</p> <p>Payment will be made at the unit and unit price as detailed in the Form of Tender Appendix 1 -Schedule of Quantities and Prices</p>

Pmt. Item	Payment Item Description
06	<p>PSPC Lands Commissionaire</p> <p>This item shall include all costs associated for hiring a Commissionaire while on PSPC Lands as specified in the contract documents.</p> <p>Payment will be made at the unit and unit price as detailed in the Form of Tender Appendix 1 -Schedule of Quantities and Prices</p>
07	<p>750 mm Steel Casing Pipe (via GHAB)</p> <p>This item shall provide full compensation for supply and installation of the 750 mm diameter Steel Casing Pipe installed via Guided Horizontal Auger Boring (GHAB).</p> <p>This item shall include all excavation and maintenance for the auger launch/receiving pits including material removals using hydro-vac for retrieval pit work, and placement and compaction of backfill materials to subgrade level as specified on the Contract Drawings.</p> <p>Payment will be made at the unit and unit price as detailed in the Form of Tender Appendix 1 -Schedule of Quantities and Prices.</p>
08	<p>600 mm HDPE Storm Carrier Pipe</p> <p>This item shall provide full compensation for supply and installation of the gravity storm sewer including but not limited to pipe supply, pipe fusing, supply and installation of casing spacers, installation of carrier pipe through installation pipe, connection to manholes, and casing end seals</p> <p>Payment will be made at the unit and unit price as detailed in the Form of Tender - Schedule of Prices and Estimated Quantities. Quantities are based on centre of manhole to centre of manhole.</p>
09	<p>600 mm PVC Storm</p> <p>This item shall provide full compensation for supply and installation of the gravity storm sewer including but not limited to excavation, shoring, material disposal, existing pipe and manhole removals, pipe supply/placement, backfill material supply/placement, and materials testing.</p> <p>Payment will be made at the unit and unit price as detailed in the Form of Tender - Schedule of Prices and Estimated Quantities. Quantities are based on centre of manhole to centre of manhole.</p>
10	<p>Redirection of CB Leads to Main</p> <p>This item includes all costs for installing CB leads as shown on the drawings including but not limited to PVC piping materials and couplings, wyes, lead tie-ins, excavation and disposal, supply and installation of import material in accordance with the Contract Documents.</p> <p>Payment will be made at the unit and unit price as detailed in the Form of Tender Appendix 1 -Schedule of Quantities and Prices.</p>
11	<p>Storm Inspection Chambers</p> <p>This item shall include supply and installation of Storm Inspection Chambers as specified in the Contract Documents.</p> <p>Payment will be made at the unit and unit price as detailed in the Form of Tender Appendix 1 -Schedule of Quantities and Prices.</p>

Pmt. Item	Payment Item Description
12	<p>Downstream Connection to Existing Storm</p> <p>This item shall provide full compensation for connecting the proposed storm sewer to the existing 600 mm dia. storm drain mainline including but not limited to coupling materials and fittings, and placement and compaction of backfill materials to subgrade level as specified on the Contract Documents.</p> <p>Payment will be made at the unit and unit price as detailed in the Form of Tender Appendix 1 -Schedule of Quantities and Prices.</p>
	<p>Typical Manhole Payment Description</p> <p>Payment for this item shall be full compensation for all work, materials and incidentals necessary to complete the work including but not limited to earthwork excavation and disposal, supply and installation of concrete manhole, concrete benching, and grouting in accordance with the Contract Documents.</p> <p>Payment will be provided upon successful completion of work including completion of all required testing per the Contract Documents.</p> <p>Payment will be made at the unit and unit price as detailed in the Form of Tender Appendix 1 -Schedule of Quantities and Prices.</p>
13	<p>DMH-1</p> <p>Per Typical Manhole Payment Description</p> <p>In addition to the foregoing, this item includes redirecting and connecting the existing perimeter drain from 857 Admirals and the French drain along toe of the bank to DMH-1 as detailed on the Contract Drawings.</p>
14	<p>DMH-2</p> <p>Per Typical Manhole Payment Description</p> <p>In addition to the foregoing, this item includes tie-in to existing 150mm storm as detailed in the contract documents.</p>
15	<p>DMH-3</p> <p>Per Typical Manhole Payment Description</p>
16	<p>DMH-4</p> <p>Per Typical Manhole Payment Description</p>
17	<p>Control Density Filling of Existing Storm Main</p> <p>This item includes all costs for filling the abandoned storm sewer pipe with Controlled Density Fill (CDF).</p> <p>Payment will be made at the lump sum price as detailed in the Form of Tender – Schedule of Prices and Estimated Quantities.</p>

Pmt. Item	Payment Item Description
18	<p>Final Clean-up and Surface Restorations</p> <p>This item includes all costs for impacted asphalt, concrete curbs, fences, topsoil, and final clean-up and restoration including washing, wiping, sweeping, cleaning, touch-ups, removing and disposing all garbage, debris, bins, concrete work, surface gravel, top dressing, seeding, fixing deficiencies, and all other work in accordance with the Contract Documents</p> <p>Asphalt repair includes but is not limited to lap-joint milling, lower course asphalt, upper coarse asphalt, asphalt joint sealant.</p> <p>The extents of asphalt and curb repair shown on the Contract Drawings are approximate only and shall be adjusted to suit the Contractor's proposed means and extents of excavation for bidding purposes herein.</p> <p>Payment will be made at the unit and unit price as detailed in the Form of Tender Appendix 1 -Schedule of Quantities and Prices.</p>
19	<p>Tree Removals</p> <p>This item includes all costs for removal and disposal of 1 tree and vegetated brush within project site as needed.</p> <p>Payment will be made at the lump sum price as detailed in the Form of Tender – Schedule of Prices and Estimated Quantities.</p>
OP1	<p>Contaminated Soil Disposal</p> <p>This item shall include all additional costs associated with disposing soil which does not meet the definition of Residential (Low Density DRLD) but does meet the definition of Commercial (CL) per BC Environmental Management Act – Contaminated Sites Regulation, Section 3.1.</p> <p>If Contractors' costs for disposal of contaminated soils change based on this assumption and the nature of contamination found, additional fees for trucking and dumping will be considered by the owner provided the Contractor provides proof of valid assumptions used in the basis for the tender price.</p> <p>The Contractor must demonstrate that a bid price based on a facility capable of receiving the assumed Commercial (CL) contaminated classification.</p> <p>Payment will be made at the unit and unit price as detailed in the Form of Tender.</p>

**Supplemental Standard Detail Drawings
Part I – Issued by MMCD**

Supplemental updates are MMCD issued updates. A complete list of all the Supplementary Standard Detail Drawings describing each change is not included in this document; however, detailed descriptions can be found on the MMCD website. Bidders are deemed to have visited the MMCD website and have reviewed and understand the Supplemental Updates. It is the Contractor's responsibility to ensure they are aware of all supplemental updates issued by MMCD at time of tender. Any supplemental update issued prior to tender close shall form part of the Contract Documents.

APPENDICES

APPENDIX 1 – GEOTECHNICAL REPORT

Attached Separately

APPENDIX 2 – SAMPLE TRAFFIC MANAGEMENT PLAN

Attached Separately