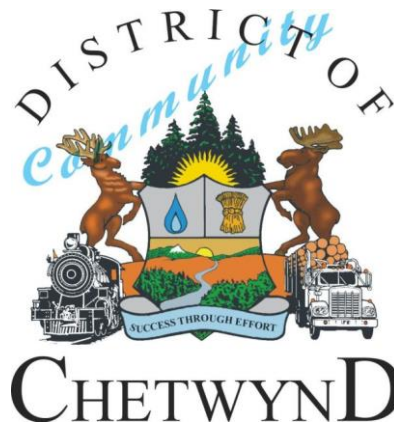


51st Ave SW and 53rd Place NW Sanitary Main Replacement
Tender Reference No.181-15378-00



INVITATION TO TENDER
DISTRICT OF CHETWYND

51st Ave SW and 53rd Place NW Sanitary Main Replacement

TENDER REFERENCE NO. 181-15378-00

MASTER MUNICIPAL CONSTRUCTION DOCUMENT 2009

UNIT PRICE CONTRACT

February 2019

Prepared by:
WSP Canada Inc.
#420 - 301 Victoria Street
Kamloops, BC V2C 2A3



**TENDER DOCUMENTS DEVELOPED FROM:
MASTER MUNICIPAL CONSTRUCTION DOCUMENTS
TENDER CONTENTS**

This Tender has been developed following the procedures, processes and requirements contained in the Master Municipal Construction Documents, Volume I, Tender Document Production Manual (printed 2000).

1. This Tender document contains sections and clauses that have been modified to meet the specific requirements of this Project (standard documents that require additional information).

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2. This Tender references the “Master Municipal Construction Documents: Instructions to Tenderers – Part II, General Conditions, Specifications and Standard Detail Drawings” (Platinum Book) – Edition printed 2009 and as such, forms part of this Tender document.

Invitation to Tenderers**DISTRICT OF CHETWYND**

Contract: 51st Ave SW and 53rd Place NW Sanitary Main Replacement

Tender Reference: 181-15378-00

The Owner invites tenders for:

Construction of sewermain replacement including:

- 475m of 200mm diameter sewermain
- 50m pipe bursting
- Tie to existing manholes
- Service tie-ins

The Tender starting date is **February 12, 2019**

Contract Documents are available online through BC Bid and at www.gochetwynd.com

Tenders are scheduled to close at:

Tender Closing Time: **2:00 p.m. local time**

Tender Closing Date: **March 5, 2019** at:

Address: DISTRICT OF CHETWYND
5400 HOSPITAL ROAD
CHETWYND, BC V0C 1J0

This Tender is being issued electronically through the BC Bid Website (www.bcbid.gov.bc.ca) where any interested party may download the Tender documents directly from the aforementioned website. No registration, tracking or other recording of Tender document holders will be performed by the *Owner* or Consultant. All addenda, amendments or further information will be published on the BC Bid website. It is the sole responsibility of the document holder to monitor the website regularly to check for updates.

INSTRUCTIONS TO TENDERERS
PART 1

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Instructions to Tenderers - Part I

(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 SECTION OF THE PUBLICATION “MASTER MUNICIPAL
CONSTRUCTION DOCUMENTS” SPECIFIED IN ARTICLE 2.2 BELOW)

Contract: **51st Ave SW and 53rd Place NW Sanitary Main Replacement**

Tender Reference: **181-15378-00**

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.

Construction of sewermain replacement including:

- 475m of 200mm diameter sewermain
- 50m pipe bursting
- Tie to existing manholes
- Service tie-ins

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

KEVIN WIENS, P.ENG.

Email : kevin.wiens@wsp.com

Address: WSP Canada Inc.
#420 – 301 Victoria Street
Kamloops, BC V2C 2A3

Ph: (250) 374-5252

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 a sealed envelope, marked on the outside with the above "**51st Ave SW and 53rd Place NW Sanitary Main Replacement**", Tender Reference No. **181-15378-00** and must be received,

On or before:

***Tender Closing Time:* 2:00 pm**

***Tender Closing Date:* March 5, 2019**

***Address:* DISTRICT OF CHETWYND
5400 HOSPITAL ROAD
CHETWYND, BC V0C 1J0
Fax: (250) 401-4101**

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

Amendments *will* be accepted by fax until closing time.

4.0 ADDITIONAL INSTRUCTIONS TO TENDERERS

4.1 **Gold Seal Certification**

The successful bidder shall provide a site superintendent who is CCA Gold Certified as a *Superintendent* or intern. The successful *Contractor* must supply the Gold Seal Certification document for the *Superintendent* or intern application within ten days of award (only if applicable to the project).

- 4.2 The *Contractor* shall be responsible to undertake all surveying, per the design drawings, for the layout on this project. Upon completion of the project, the *Contractor* shall provide the City's Engineering Consultant, WSP Canada Inc., with all survey information required to permit WSP to prepare field accurate record drawings.

This information shall include, but not limited to:

- 4.2.1 A1 size construction drawings with field changes or design changes;
- 4.2.2 CAD .dwg or .dxf files reflecting field changes or design changes;
- 4.2.3 Field Survey pickup, preferably a comma delimited csv file in the format:
- Point features
 - UTM NAD83 CSRS Eastings and Northings
 - Elevations (i.e., Surface rims, underground and/or manhole inverts, valve nuts, etc.)
 - Description;
- 4.2.4 Additional information can include supplementary construction notes not included in the above hardcopy or text format;
- 4.2.5 Fitting details for proper placement, including end types and pipe lengths.

The *Contract Administrator* shall review and accept all submitted information for completeness and accuracy.

- 4.3 All signs and bases shall be in good condition. The Contractor shall provide details of the proposed location, construction and text of signs to be installed to the *Contract Administrator* who will have final discretion over their adoption. "Homemade" signs will not be permitted.



FORM OF TENDER

DISTRICT OF CHETWYND

Contract: 51st Ave SW and 53rd Place NW Sanitary Main Replacement

Tender Reference: 181-15378-00

TO OWNER:

1. 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:

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

1.3 have complied with the Instructions to Tenderers; and

2. ACCORDINGLY 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 installation on or before **September 30, 2019**; and

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*.

3. WE CONFIRM:

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

4. 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.

5. 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*:
- a) a Performance Bond and a Labour and Material Payment Bond, each in the amount of 50 per cent of the *Contract Price*, covering the performance of the *Work* including the *Contractor's* obligations during the *Maintenance Period*, must be from an acceptable bonding company that is listed under the Government Of Canada Treasury Board of Canada Secretariat web site. The link for this site is; <http://www.tbs-sct.gc.ca/pol/doc-eng.aspx?id=14494> ; and in a form acceptable to the *Owner*;
 - b) a *Construction Schedule*, as provided by GC 4.6.1;
 - c) a "clearance letter" indicating that the tenderer is in WorkSafe BC



compliance;

- d) a copy of the insurance policies indicating that all such insurance coverage is in place;
- e) A copy of the *Contractor's* Occupational Health and Safety Program acceptable to the Owner or a letter from the Owner stating the *Contractor's* safety program has been approved by the Owner;
- f) A copy of Gold Seal Certification or proof of internship for the Superintendent for any construction project in excess of \$1 million estimated values, or where the degree of difficulty warrants the need; and

5.1.2 Within 2 Days of receipt of written "*Notice to Proceed*", or such longer time as may be otherwise specified in the *Notice to Proceed*, commence the *Work*; and

5.1.3 Sign the *Contract Documents* as required by GC 2.1.2.

6. 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*.

7. **OUR ADDRESS** is as follows:

Phone: _____

Fax: _____

Attention: _____

This Tender is executed this _____ day of _____, 2019.

Contractor:

(FULL LEGAL NAME OF CORPORATION, PARTNERSHIP OR INDIVIDUAL)

(AUTHORIZED SIGNATORY)

(AUTHORIZED SIGNATORY)



FORM OF TENDER – Appendix 1

SCHEDULE OF QUANTITIES and PRICES

ITEM	DESCRIPTION	UNIT	EST. QTY	UNIT PRICE	ESTIMATED AMOUNT
A GENERAL					
A.1	SS 2.1 Mobilization (50%) / Demobilization (50%)	LS	1		
A.2	SS 2.2 General Conditions, Admin, Insurance	LS	1		
A.3	SS 2.3 Survey Layout & Record Markups	LS	1		
SECTION A SUBTOTAL					
B SITE WORK - 51st AVE SW					
B.1	SS 2.17 Erosion and Sediment Control	LS	1		
B.2	SS 2.4 Sawcut, Remove and Dispose Asphalt				
	a) 6m wide	LM	25		
	b) Driveway - Tim Hortons	LS	1		
	c) Driveway - Chevron #1	LS	1		
	d) Driveway - Chevron #2	LS	1		
B.3	SS 2.5 Remove and dispose of manholes, Cap Main. Backfill with compacted native material	ea	1		
B.4	SS 2.6 Break into AC pipe to facilitate tie-ins, remove and dospose safely as required	LS	1		
B.5	Dewatering along trench (optional)	LM	100		
B.6	Dispose of Unsuitable Backfill and Imported Backfill (Optional)	m3	300		
B.7	SS 2.8 Road or Paved Driveway Restoration				
	31 32 19 a) Geotextile (optional)	m2	650		
	32 11 16.1 b) SubBase Course Gravel (75mm crush) - 400mm depth	m2	650		
	32 11 23 c) Surface Course Gravel (19mm crush) - 150mm depth	m2	650		
	32 12 16 d) Hot Mix Asphalt - 75mm in 2 lifts	m2	400		
	e) Cast in Place Curb	LM	50		
B.8	SS 2.9 Gravel Driveway Restoration	ea	4		
B.9	32 92 19 SS 2.10 Topsoil (150mm) & Hydroseeding	m2	1200		
B.10	33 44 01 SS 2.11 Remove and Replace Catchbasins	ea	1		
SECTION B SUBTOTAL					



C		SEWERMAIN - 51st AVE SW			
C.1	33 30 01 SS 2.12	Sanitary Sewer - 200mm Diameter SDR 35 PVC			
		a) 0-4m depth (Sta 107 to 0+382)	LM	280	
C.2	33 30 01	Sewer Service - Tie existing service to main	ea	10	
C.3	33 30 01 SS 2.12	Replace or extend sewer service to property line - restoration in item B.7 (Optional)			
		a) 100mm dia. (optional)	LM	6	
		b) 150mm dia (optional)	LM	6	
C.4	33 44 01 SS 2.14	Manholes - 1050mm dia - including excavation, bedding, backfill, frame & cover, benching			
		a) Manhole with precast bases	ea	4	
		b) Manhole over existing, including breaking into pipe and tying in (optional)	ea	0	
C.5	33 44 01 SS 2.14	Tie to existing manholes	ea	3	
C.6		Tanks & Pumping to maintain sewer service during construction	LS	1	
C.7	33 01 30.1 SS 2.15	Video inspection & Report	LS	1	
C.8	33 11 01 SS 2.16	Deflection of 150mm dia watermain (optional)	ea	1	
SECTION C SUBTOTAL					
D		SITE WORK - 53rd PLACE NW			
D.1	SS 2.17	Erosion and Sediment Control	LS	1	
D.2	SS 2.4	Sawcut, Remove and Dispose Asphalt			
		a) STA 0+410 to 0+487 - 6m wide	LM	100	
D.3	SS 2.5	Remove and dispose of manholes, Cap Main. Backfill with compacted native material	ea	0	
D.4	SS 2.6	Break into AC pipe to facilitate tie-ins, remove and dospose safely as required	LS	1	
D.5		Dewatering along trench	LM	25	
D.6		Dispose of Unsuitable Backfill and Imported Backfill (Optional)	m3	300	
D.7	SS 2.8	Road or Paved Driveway Restoration			
	31 32 19	a) Geotextile (optional)	m2	1200	
	32 11 16.1	b) SubBase Course Gravel (75mm crush) - 400mm depth	m2	1200	
	32 11 23	c) Surface Course Gravel (19mm crush) - 150mm depth	m2	1200	
	32 12 16	d) Hot Mix Asphalt - 75mm in 2 lifts	m2	600	
D.8	SS 2.9	Gravel Driveway Restoration	ea	0	
D.9	32 92 19 SS 2.10	Topsoil (150mm) & Hydroseeding	m2	100	
SECTION D SUBTOTAL					



FORM OF TENDER – Appendix 3

EXPERIENCE OF SUPERINTENDENT

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

Contract: 51st Ave SW and 53rd Place NW Sanitary Main Replacement

Tender Reference: 181-15378-00

Name: _____

Experience: _____ (years)

Dates: _____

Project Name: _____

Responsibility: _____

References: _____

Dates: _____

Project Name: _____

Responsibility: _____

References: _____

Dates: _____

Project Name: _____

Responsibility: _____

References: _____



FORM OF TENDER – Appendix 5

SUBCONTRACTORS

(See Paragraph 5.3.5 of the Instructions to Tenderers – Part II)

Contract: 51st Ave SW and 53rd Place NW Sanitary Main Replacement

Tender Reference: 181-15378-00

TENDER ITEM	TRADE	SUBCONTRACTOR NAME	PHONE NUMBER



AGREEMENT

between the OWNER and the CONTRACTOR

(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.)

Contract: 51st Ave SW and 53rd Place NW Sanitary Main Replacement

Tender Reference: 181-15378-00

THIS AGREEMENT made in triplicate this _____ day of _____, 2019

BETWEEN The DISTRICT OF CHETWYND
(the “Owner”)

AND

(the “Contractor”)

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

ARTICLE 1 THE WORK – START/COMPLETION DATES

- 1.1 The *Contractor* will perform all *Work* and provide all labour, equipment and material and do all things strictly as required by the *Contract Documents*.
- 1.2 The *Contractor* will commence the *Work* in accordance with the *Notice to Proceed*. The *Contractor* will proceed with the *Work* diligently, will perform the *Work* generally in accordance with the construction schedules as required by the *Contract Documents* and will achieve *Substantial Performance* of the *Work* on or before **SEPTEMBER 30, 2019** 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, 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:
- 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 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, email, or by fax, or by pre-paid registered mail to the addresses as set out below:

The *Owner*:

DISTRICT OF CHETWYND

Attention: Alex Adams
Tel: 250-401-4100
Fax: 250-401-4101
Email: Aadams@gochetwynd.com

The *Contractor*:

The *Contract Administrator*: WSP Canada Inc.
#420 – 301 Victoria Street
Kamloops, BC V2C 2A3



Attention: Kevin Wiens
Tel: (250) 374-5252
Email: kevin.wiens@wsp.com

- 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 and received by fax or email (receipt acknowledged); 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 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 or email assumes all risk that the fax or email will be received properly, and the provisions of paragraph 12.5 of the Instructions to Tenderers apply to the sender.

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.



DISTRICT OF
CHETWYND

51st Ave SW and 53rd Place NW
Sanitary Main Replacement
Tender Reference No. 181-15378-00

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:

DISTRICT OF CHETWYND

CORPORATE OFFICER

Schedule 1

SCHEDULE OF *CONTRACT DOCUMENTS*

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

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, Volume II (Platinum Edition), Printed 2009". All sections of this publication are included in the *Contract Documents*.

1. Agreement, including all Schedules
2. General Conditions*
3. Specifications*
4. Standard Detail Drawings*
5. Executed Form of Tender, including all Appendices
6. *Contract Drawings* listed in Schedule 2 to the Agreement – "List of *Contract Drawings*"
7. Instructions to Tenderers – Part I
8. Instructions to Tenderers – Part II*
9. Amendments to MMCD

- None

and

10. The following Addenda:

- None



Schedule 2

LIST OF CONTRACT DRAWINGS

Contract: 51st Ave SW and 53rd Place NW Sanitary Main Replacement

Tender Reference: 181-15378-00

(Complete listing of all drawings, plans and sketches which are to form a part of this Contract, other than Standard Detail drawings and Supplementary Standard Detail Drawings.)

TITLE	DRAWING NO.	REVISION DATE	REVISION NO.
<u>CIVIL</u>			
Title Sheet	000	Feb 12, 2019	C
General Notes and Standard Details	001	Feb 12, 2019	C
53 Place NW Plan & Profile	002	Feb 12, 2019	C
53 Place Alley Plan & Profile	003	Feb 12, 2019	C
51 Ave Plan & Profile	004	Feb 12, 2019	C

Schedule 3

SUPPLEMENTARY SPECIFICATIONS – SPECIFIC TO PROJECT

Contract: 51st Ave SW and 53rd Place NW Sanitary Main Replacement

Tender Reference: 181-15378-00

List of Supplementary Specifications as follows and as attached:

SS1 - All survey layout and pickup for record drawings is the responsibility of the contractor. AutoCAD drawings will be provided to facilitate layout.

SS2 – Clarifications on measurement and payment for Schedule of Quantities items not covered under the MMCD are included in SS2.

SS 2.1: 50% of the mobilization and demobilization costs will be paid after mobilization is completed. The other 50% of the costs will be paid upon achievement of Substantial Completion as defined in the MMCD.

SS 2.2: Payments for general conditions, administration and insurance will be made in proportion to the work completed as identified in each progress payment. Final payment will be made upon achieving Substantial Completion as defined in the MMCD.

SS 2.3: Payment for the survey layout will be made upon the completion of the survey as necessary for construction and upon approval of the resulting progress payment by the Contract Administrator

SS 2.4 Payment for each section of asphalt removal including sawcutting, removing, trucking, disposing, paying tipping fees will be made upon the completion of that section as described in the drawings and upon approval of the area to be removed by the Contract Administrator.

SS 2.5 Payment for manhole removals including excavation, trucking, disposing, tipping fees, capping existing mains, and backfill will be made upon the completion of each manhole as described in the drawings and upon approval of the resulting progress payment by the Contract Administrator

SS 2.6 Payment for breaking into AC pipe including cutting, removing, disposal, tipping fees using safe work practices will be made upon the completion of the work and upon approval of the resulting progress payment by the Contract Administrator

SS 2.7 Payment for rock removal using rock hammers on excavators including excavation, and

removal of rock off-site to a suitable site, will be made upon completion of the work and upon approval of the resulting progress payment by the Contract Administrator. Measurement of the quantity will be agreed upon on site with the Field Reviewer immediately following the work.

SS 2.8 Measurement for road restoration quantities will be based on the trench width under the portion of the road to be restored as agreed to with between the Contractor and Contract Administrator. Payment for road restoration including geotextile, base course gravel, surface course gravel, and hot mix asphalt will be made upon completion of the work and upon approval of the resulting progress payment by the Contract Administrator.

SS 2.9 Payment for driveway restoration including backfill, gravel, grading, culvert replacement will be made upon completion of the work and upon approval of the resulting progress payment by the Contract Administrator.

SS 2.10 Payment for topsoil & hydroseeding including initial grading, topsoil levelling, seeding, and watering, will be made upon completion of the work and upon approval of the resulting progress payment by the Contract Administrator.

SS 2.11 Payment for catchbasin replacement including excavation, removing, replacing, pipe tie-ins, frame and cover, asphalt patch will be made upon completion of the work and upon approval of the resulting progress payment by the Contract Administrator.

SS 2.12 Measurement of sewer mains and services will be as surveyed from center of manholes for the various depths of inverts. Payment for sewer mains and services including excavation, supply of pipe and fitting, installation, tie-ins, and testing will be made upon completion of the work and upon approval of the resulting progress payment by the Contract Administrator. Surface restoration will be paid separately as road or landscape restoration.

SS 2.13 Measurement of sewer service tie-ins will be for each service connected to the main. Payment for sewer mains and services including excavation, supply of pipe and fitting, installation, tie-ins, and testing will be made upon completion of the work and upon approval of the resulting progress payment by the Contract Administrator.

SS 2.14: Payment for the supply of the specified manholes will be made once materials have been installed and has been confirmed, by the Contract Administrator, to be of the appropriate style, type and specifications outlined in the contract documents.

SS 2.15 Payment for video inspection will be made upon completion and delivery of a satisfactory report to the Contract Administrator.

SS 2.16 Payment for watermain deflection including excavation, materials, installation, and backfill and all works to break into main, and put back into service will be made upon completion of the work and upon approval of the resulting progress payment by the Contract Administrator.

S.2.17 Payment for Erosion and Sediment Control including producing a plan, supplying all

materials, maintaining all measures, cleanup, and all other works necessary, will be made upon completion of the work and upon approval of the resulting progress payment by the Contract Administrator.

SS 3 All materials testing and their associated costs are the responsibility of the Contractor. The Owner may provide periodic geotechnical field reviews.