



Addendum No. 1

City of Coquitlam

Tender No. 89010-2

Gatensbury Street and Thermal Drive Watermain Replacements

Issue Date: March 3, 2021

(Consists of 4 Pages)

Tenderers shall note the following amendments to the **CONTRACT DOCUMENT** as follows:

1. Refer to: **FORM OF TENDER**

REMOVE: **Appendix 1**

REPLACE WITH: **REVISED** – **Appendix 1** – **REVISION NO. 1**

2. Refer to: **Supplementary Contract Specifications, SECTION 31 05 17S, AGGREGATES AND GRANULAR MATERIALS, Pg. SS 16**

ADD: **Clause 2.13 – Thermal Backfill**

Thermal backfill shall be durable, inert, crushed gravel made of granite or limestone and shall be free from clay and organic material that conforms to the following grading requirements:

ASTM D422-63 Sieve	Sieve Opening Size (mm)	Percent by Weight Passing
3/4"	19	100
3/8"	9.5	50 to 100
#4	4.75	35 to 70
#10	2	22 to 45
#40	0.425	5 to 20
#200	0.075	0 to 8

3. Refer to: **Supplementary Contract Specifications, SECTION 33 11 01S, WATERWORKS, Pg. SS 40**

REMOVE: **Clause 1.8.5**

Payment for air release valve assembly includes all materials, works and appurtenances as shown on Standard Detail Drawing COQ-W6. Payment includes all applicable work described under 1.8.2.

Payment for test points are considered to be incidental to payment for work described herein.

REPLACE WITH: **Clause 1.8.5**

Payment for air release valve assembly and blow-off assembly as separate items includes all materials, works and appurtenances as shown on Standard Detail Drawings COQ-W6 and COQ-W8. Payment includes all applicable work described under 1.8.2.

Payment for test points are considered to be incidental to payment for work described herein.

Contractor Questions and Clarification(s)

- Q1) We have been advised that Field Lok Gaskets are no longer being manufactured? What product should be used instead?
- A1) TR Flex restrained ductile iron pipe is to be supplied and installed on both Thermal Drive and Gatensbury Street instead of the specified CL 50 DI with field lok gaskets.**
- Q2) Please confirm that we don't have to allow any mill & overlay of asphalt, and just the 75mm patch as indicated in the write up?
- A2) Keying into the existing asphalt with your trench patch will not be required. Both streets are scheduled to be repaved in the near future.**
- Q3) On the Thermal Drive water notes it states "all watermain joints to be restrained with field lok gaskets or MJ connections" (note 13). However, all the fittings are all HxH and cannot be restrained using MJ restraints. They would need to be pipe x fitting restraints, if required.
- A3) Pipe to be TR flex restrained ductile pipe and all HxH fittings to be restrained using pipe x fitting restraints.**
- Q4) Are thrust blocks on bends/tees still required if they will be mechanically restrained?
- A4) Yes, thrust block will still be required.**
- Q5) How's the Contractor getting paid to reinstate the existing catch basin near the Blow-Down Chamber?
- A5) Costs to re-instate the existing CB should be included in Item 8.19 (**REVISED** - APPENDIX 1 – **REVISION NO. 1**) for the blow-down chamber.**
- Q6) What are the traffic restrictions for Como Lake Avenue?
- A6) Minimum of single lane in each direction must be maintained at all times.**

End of Addendum No. 1

Tenderers shall take into account the content of this Addendum in the preparation and submission of the Tender which will form part of the contract and shall be acknowledged on the Tender Form, Item 1.

Upon submitting a Tender, Tenderers will be deemed to have received notice of all Addenda that are posted on the City's website and deemed to have considered the information for inclusion in the Tender submitted.

Issued by:

Mark Pain
Purchasing Manager
Email: bid@coquitlam.ca

REVISED - APPENDIX 1 - REVISION NO. 1
FORM OF TENDER

Contract 89010-2
Gatensbury Street and Thermal Drive Watermain Replacements

SCHEDULE OF QUANTITIES AND PRICES

(see paragraph 5.3.1 of the Instruction to Tenderers)

(All Tender and Contract Prices shall NOT include GST. GST will apply upon payment)

(Should there be any discrepancy in the information provided, the City's original file copy shall prevail)

ITEM NO.	MMCD Ref. / (Supp. Specs)	DESCRIPTION	UNIT	QTY	UNIT PRICE	EXTENDED AMOUNT
Gatensbury Street Watermain Replacement						
1.00	01 58 01	PROJECT IDENTIFICATION				
1.01	(1.3.1)	Construction Zone Information Signs	ea.	5		\$0.00
2.00	03 30 20	CONCRETE WALKS, CURBS AND GUTTERS				
2.01	(1.4.3)	Remove and Replace Concrete Curb & Gutter - Wide Base – MMCD C5 (Provisional)	l.m	20		\$0.00
2.02	(1.4.5)	Remove and Replace Concrete Sidewalk & Walkways & Wheelchair Letdown - 100mm thick – Broom Finished (Provisional)	sq.m	6		\$0.00
2.03	(1.4.5)	Remove and Replace Concrete Driveways (150mm thick) - All Finishes (Provisional)	sq.m	9		\$0.00
3.00	31 23 01	EXCAVATING, TRENCHING AND BACKFILLING				
3.01	1.10.3	Overexcavation (Provisional)	cu.m	50		\$0.00
3.02	(1.10.9)	Imported Trench Backfill (75mm Minus) (Provisional)	tonne	750		\$0.00
4.00	33 11 01	WATERWORKS				
4.01	(1.8.2)	150mm TR Flex DI Watermain (V-Bio Encased)	l.m	885		\$0.00
4.02	(1.8.2)	200mm TR Flex DI Watermain (V-Bio Encased)	l.m	72		\$0.00
4.03	(1.8.3.1)	150mm Gate Valves	ea.	16		\$0.00
4.04	(1.8.3.1)	200mm Gate Valves	ea.	2		\$0.00
4.05	(1.8.3.2)	Remove Existing Valve Boxes & Risers Outside of Other Excavations	ea.	15		\$0.00
4.06	(1.8.3)	150mm x 150mm x 150mm Tee	ea.	10		\$0.00
4.07	(1.8.3)	200mm x 150mm x 150mm Tee	ea.	1		\$0.00
4.08	(1.8.3)	200mm x 150mm x 200mm Tee	ea.	2		\$0.00
4.09	(1.8.3)	150mm x 150mm x 150mm x 150mm Cross	ea.	1		\$0.00
4.10	(1.8.3)	150mm 45° Bend	ea.	23		\$0.00
4.11	(1.8.3)	150mm 11.25° Bend	ea.	1		\$0.00
4.12	(1.8.3)	200mm x 150mm Reducer	ea.	2		\$0.00
4.13	(1.8.4.1)	19mm Water Service Connection (COQ-W2l) w/ Municipex and #10 AWG Tracer Wire	m	260		\$0.00
4.14	(1.8.4.1)	50mm Water Service Connection (COQ-W2e) w/ Municipex Instead of Copper and #10 AWG Tracer Wire	m	12		\$0.00
4.15	(1.8.4.1)	Supply & Install Terminal City Nelson type valve box c/w lid marked "Water"; including 150mm PVC riser	ea.	25		\$0.00
4.16	(1.8.4.2)	Transfer 19mm Existing Copper Water Service to new main	ea.	11		\$0.00
4.17	(1.8.15)	New Fire Hydrant Assembly	ea.	5		\$0.00
4.18	(1.8.16)	Watermain tie-in including capping (150mm)	ea.	11		\$0.00
4.19	(1.8.16)	Watermain tie-in including capping (200mm)	ea.	1		\$0.00
Thermal Drive Watermain Replacement						
5.00	01 58 01	PROJECT IDENTIFICATION				
5.01	(1.3.1)	Construction Zone Information Signs	ea.	5		\$0.00
6.00	03 30 20	CONCRETE WALKS, CURBS AND GUTTERS				
6.01	(1.4.3)	Remove and Replace Concrete Curb & Gutter - Wide Base – MMCD C5 (Provisional)	l.m	9		\$0.00
6.02	(1.4.5)	Remove and Replace Concrete Curb – COQ-C6 (Provisional)	l.m	18		\$0.00
6.03	(1.4.5)	Remove and Replace Concrete Sidewalk & Walkways & Wheelchair Letdown - 100mm thick – Broom Finished (Provisional)	sq.m	12		\$0.00
6.04	(1.4.5)	Remove and Replace Concrete Monolithic Curbwalk- COQ-8 (Provisional)	sq.m	9		\$0.00
7.00	31 23 01	EXCAVATING, TRENCHING AND BACKFILLING				
7.01	1.10.3	Overexcavation (Provisional)	cu.m	50		\$0.00
7.02	(1.10.9)	Imported Trench Backfill (75mm Minus) (Provisional)	tonne	850		\$0.00

ITEM NO.	MMCD Ref. / (Supp. Specs)	DESCRIPTION	UNIT	QTY	UNIT PRICE	EXTENDED AMOUNT
8.00	33 11 01	WATERWORKS				
8.01	(1.8.2)	100mm TR Flex DI Watermain (V-Bio Encased)	l.m	7		\$0.00
8.02	(1.8.2)	150mm TR Flex DI Watermain (V-Bio Encased)	l.m	50		\$0.00
8.03	(1.8.2)	250mm TR Flex DI Watermain (V-Bio Encased)	l.m	910		\$0.00
8.04	(1.8.3.1)	150mm Gate Valves	ea.	5		\$0.00
8.05	(1.8.3.1)	250mm Gate Valves	ea.	5		\$0.00
8.06	(1.8.3.2)	Remove Existing Valve Boxes & Risers Outside of Other Excavations	ea.	8		\$0.00
8.07	(1.8.3)	250mm x 250mm x 150mm Tee	ea.	8		\$0.00
8.08	(1.8.3)	150mm x 150mm x 150mm Tee	ea.	2		\$0.00
8.09	(1.8.3)	100mm 45° Bend	ea.	1		\$0.00
8.10	(1.8.3)	150mm 45° Bend	ea.	7		\$0.00
8.11	(1.8.3)	250mm 11.25° Bend	ea.	19		\$0.00
8.12	(1.8.3)	250mm 45° Bend	ea.	2		\$0.00
8.13	(1.8.3)	100mm x 150mm Reducer	ea.	1		\$0.00
8.14	(1.8.4.1)	19mm Water Service Connection (COQ-W2l) w/ Municipex and #10 AWG Tracer Wire	m	465		\$0.00
8.15	(1.8.4.1)	Supply & Install Terminal City Nelson type valve box c/w lid marked "Water"; including 150mm PVC riser	ea.	36		\$0.00
8.16	(1.8.4.2)	Transfer 19mm Existing Copper Water Service to new main	ea.	36		\$0.00
8.17	(1.8.5)	Supply and Install Air Release Valve (COQ-W6)	ea.	1		\$0.00
8.18	(1.8.5)	Supply and Install Blow-off Assembly (COQ-W8)	ea.	1		\$0.00
8.19	(1.8.7)	Supply and Installation of Blowdown Chamber, Backflow Assembly and Chamber Drain (MMCD Standard Detail Drawings W9 and W10)	l.s	1		\$0.00
8.20	(1.8.9)	Supply and Install Watermain Anchor Blocks (MMCD Standard Detail Drawing G8)	ea.	12		\$0.00
8.21	(1.8.15)	New Fire Hydrant Assembly	ea.	6		\$0.00
8.22	(1.8.16)	Remove Existing Fire Hydrant	ea.	2		\$0.00
8.23	(1.8.11)	Wet Tap 350mm x 250mm Tapping Tee, c/w Gate Valve	ea.	1		\$0.00
8.24	(1.8.13)	Watermain tie-in including capping (100mm)	ea.	1		\$0.00
8.25	(1.8.13)	Watermain tie-in including capping (150mm)	ea.	2		\$0.00
8.26	(1.8.17)	Supply and Installation of 0.9 metre x 3.0 metre long x 12mm thick Galvanized Steel Plate at Crossing of 230KV BC Hydro Transmission Cable	l.s	1		\$0.00
8.27	(1.8.18)	Cap Existing 150mm Watermain	ea.	1		\$0.00
9.00	33 40 01	STORM SEWERS				
9.01	1.6.5	Remove and Replace Catch Basin Lead - 150mm dia DR 28 PVC	l.m	18		\$0.00
Name of Contractor: _____					Total Tendered Price (exclude GST):	\$0.00

(Transfer the amount to Form of Tender Summary Page 1)