



Addendum No. 1

City of Coquitlam
Tender 77103
Austin Avenue Improvements (Brookmere MUP – Walker St)
 (Consists of 8 Pages)

Issue Date: March 10, 2023

Revisions

- 1. Tender Closing Date Extension to Tuesday, March 28, 2023.**

Refer to: Invitation to Tender, Instruction to Tenderers, and Form of Tender

Tenders must be received on or before:

DELETE: March 15, 2023

REPLACE with: March 28, 2023

- 2. Refer to: FORM OF TENDER**

DELETE: Appendix 1

REPLACE with: Revised – Appendix 1 – Revision No. 1

- 3. Refer to: FORM OF TENDER**

DELETE: Appendix 2, Preliminary Construction Schedule

REPLACE with:

Construction Activity	April			May					June				July				August		
	2	3	4	1	2	3	4	5	1	2	3	4	1	2	3	4	1	2	3

Substantial Completion Date: **August 18, 2023**

Proposed Disposal Site: _____

4. Refer to: AGREEMENT

DELETE: Section 1.2

REPLACE with: 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 **August 18, 2023** subject to the provisions of the *Contract Documents* for adjustments to the *Contract Time*.

5. Refer to: Supplementary Contract Specifications, Section 31 11 415, Shrub and Tree Preservation

ADD: Clause 1.3.2

Payment by allowance for Hydro Excavation around existing trees includes all labor, material, equipment, removal and disposal to complete the work as shown on the Contract Drawings or as directed by the Contract Administrator. Payment includes coordinating the work of all locations requiring hydro excavation to maximize the use of the hydro excavation machine and coordination with the Site Arborist.

Payment shall be made for the actual cost on a Force Account basis as defined in GC 10.0.

6. Refer to: Supplementary Contract Specifications, Section 34 41 135

DELETE: Clause 1.9.5

REPLACE with: Payment by allowance for communication conduit relocation includes all labour, material, equipment and incidentals required to shift the existing communication ducts as directed by the Contract Administrator. Payment will include careful exposure of the communication conduit by hydro excavation or other methods as to not damage the line and coordination with Coquitlam's Telecom and Qnet Division. Payment shall be made for the actual cost on Force Account basis as defined in GC 10.0.

7. Refer to: Appendix B – Additional Information

ADD: Coquitlam Standard Detail Drawing, COQ-L2C

QUESTIONS AND CLARIFICATIONS:

Q1) Can additional drawing amendments and additions be expected?

A1) **Yes, clarifications to the profile sections of the Civil Drawings will be provided indicating the approximate location for different wall types. Additional electrical drawings at the intersection of Austin Avenue and Walker Street is also to be expected as part of the drawing**

amendments to follow in proceeding addendum.

- Q2) The drawings note that some trees will be “removed by others”. Will the stumps be removed as well, or will they be part of the clearing?
- A2) Stumps will be ground down by others.**
- Q3) Will all the other trees not noted as “removed by others” be included in our clearing, or expected to stay on site and be protected?
- A3) Trees not noted as removed by others are expected to be protected.**
- Q4) If protected, they are varying along the entire site.
- a. Shall we simply allow for a full 650 lin.m. of tree protection fence?
 - b. Could you instead provide a unit item for this?
- A4) See Revised – Appendix 1 – Revision No.1**
- Q5) It is noted on the tender drawings the tree protection typical section and protection barrier distances from the existing trees along the roadway boulevard. It appears that the tree protection fencing, once in place limits the contractor’s ability to excavate for the wall, as these limits of tree encroachment would need to be waved to facilitate the works. As well, the potential impacts to tree survival as a result of the required excavation limits (including back sloping) is in doubt. Please confirm that these contractor concerns have been addressed in the design and if alternate means of excavation is required (Hydrovac excavation) that this method would be paid as a change to works.
- A5) Hydrovac will be required in areas within critical root zones. Payment by allowance has been included in the revised Form of Tender. See Revised – Appendix 1 – Revision No.1. In areas where tree protection is not attainable due to the proximity of work, the Contractor shall coordinate with the Contract Administrator and project Arborist on alternative methods for tree protection.**
- Q6) Where would the optional chain link fence be? Behind the MUP we would assume?
- A6) As shown on drawings – new chain link fence to be installed 0.5m behind edge of MUP.**
- Q7) How high will the optional chain link fence be?
- A7) New chain-link fence to be 5 feet in height.**
- Q8) Can you please provide a planting detail for the trees and shrubs – soil requirements, root barrier?
- A8) See Appendix B – Additional Documents for tree planting detail (COQ-L2C)**
- Q9) The quantity of soil seems high at 620 cu.m.
- a. The area of hydroseed (for the boulevard) is 110 sq.m. Which should coincide with the soil – therefore 16.5 cu.m.
 - b. If we are to install soil behind the MUP, it would likely be approx. 100 cu.m. (estimated at 600m x 1.2m x 150mm.
 - c. If we are to install soil behind the MUP, there is then no allowance for hydroseed.
- A9) See Revised – Appendix 1 – Revision No.1**

Q10) Where are the bollards to be removed?

A10) Existing bollards to be removed at the entry point of Brookmere MUP.

Q11) Can we have an option to plate and anchor the handrail to the CIP wall? This is always cheaper.

A11) No, the handrail posts must be embedded in the retaining wall.

Q12) To confirm, the arborist for the project will be supplied by the city and the contractor will not need to allow for this?

A12) Arborist will be provided by the City.

Q13) My takeoffs for item 4.01 are only 30LM however the Form of tender shows 90LM.

A13) See Revised – Appendix 1 – Revision No.1

Q14) This detail shows an existing communication duct to be protected, is this an active line or just conduit? If active, could you please provide all utility's running through it and if there are fiber optic lines?

A14) Communication lines are active. City's QNet fibre cables and Traffic Signal wiring is running through the conduit.

Q15) Per Page 01/11 Detail Austin Ave Sidewalk with retaining wall – Typical Sections. With the base of the retaining wall going underneath the communication line this means we will have to directly excavate all the soil around it and directly underneath it. This communication duct will be at a very high risk of damaged due to the nature of construction. In addition, the footing for the handrail is directly above the communication line in some areas and the bottom of the footing is very close to the line. This could be a problem as the footings could break the line and or cause problems to the line. How is this to be handled. Could the City provide any details on what the damages to the contractor would be if we were to break the line?

A15) The Contractor shall make every effort to not damage the existing communication conduit. If the communication conduit cannot be retained in the existing location without damage, relocation will be required. The Contractor shall inform the Contract Administrator prior to completing any work. Careful shifting of the communication conduit will be under the supervision of the City's QNet Department. Payment by allowance has been included in the revised Form of Tender.

Q16) Do we have to rebed the communication line in any way?

A16) Refer to MMCD Standard Detail Drawings E3.1 for rebedding requirements.

Q17) Is there a minimum distance the drainage line has to be from the communication duct as it is very close in some sections?

A17) Minimum of 300mm distance between existing utilities is required.

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 77103
Austin Avenue Improvements (Walker St - Brookmere Ave MUP)

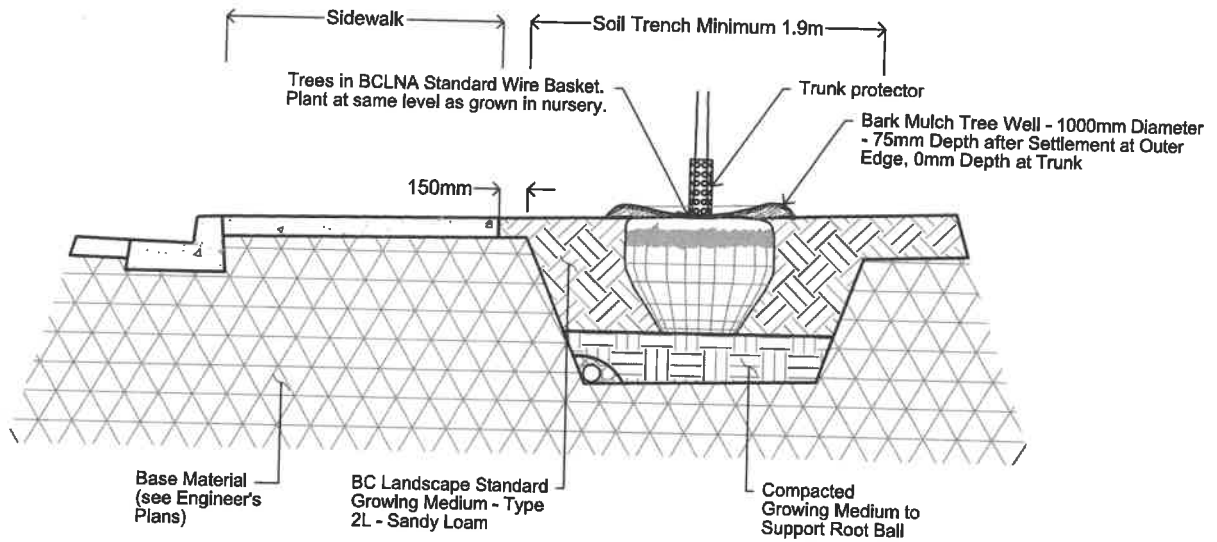
SCHEDULE OF QUANTITIES AND PRICES
(see paragraph 5.3.1 of the Instruction to Tenderers)
(All Tender and Contract Prices shall NOT include GST. GST will apply upon payment)
(Should there be any discrepancy in the information provided, the City's original file copy shall prevail)

ITEM NO.	MMCD Ref./ (SS)	DESCRIPTION	UNIT	QTY	UNIT PRICE	EXTENDED AMOUNT
1.00	01 55 00	TRAFFIC CONTROL, VEHICLE ACCESS AND PARKING				
1.01	1.5.1	Traffic Control and Management				Incidental to Contract
2.00	01 57 015	ENVIRONMENTAL PROTECTION				
2.01	(1.6.1)	ESC supply & Installation, Maintenance and Removal				Incidental to Contract
3.00	01 58 015	PROJECT IDENTIFICATION				
3.01	(1.3.1)	1.2m x 1.2m Static Construction Zone Information Sign	ea.	5		
3.02	(1.3.2)	Changeable Message Signs (CMS) (x2 Sign)	month	5		
4.00	03 30 205	CONCRETE WALKS, CURBS AND GUTTERS				
4.01	(1.4.3)	MMCD C5 Concrete Barrier Curb & Gutter c/w slot paving (excl. gravels)	lin.m	37		
4.02	(1.4.5)	Concrete Sidewalk, Infill Slopes & Wheelchair Letdowns- Broom Finish -100mm thick (excl. gravels)	sq.m	1,520		
4.06	(1.4.10)	Tactile Strip - 24in x 60in - Access Tile, Yellow Colour, Removable Type - Provisional	each	3		
5.00	03 30 53	CAST IN PLACE CONCRETE				
5.01	1.5.3	Concrete Retaining Wall - Provisional	cu.m	243		
6.00	26 56 01	ROADWAY LIGHTING				
6.01	1.9.2	Supply and Installation of All Roadway and Pedestrian Lighting Works including any removal, adjustments and disposal needed to complete the work and as shown on the Contract Drawings	L.S.	1		
7.00	31 05 175	AGGREGATES AND GRANULAR MATERIALS				
7.01	(1.4.3)	19mm Granular Base	tonne	850		
8.00	31 11 015	CLEARING AND GRUBBING				
8.01	(1.4.1)	Clearing and Grubbing	L.S.	1		
9.00	31 11 415	SHRUB AND TREE PRESERVATION				
9.01	1.3.1	Tree Protection (Including Tree Protection Fencing COQ-R26)	lin.m	337		
9.02	(1.3.2)	Hydro Excavation - Provisional	Allowance		\$70,000.00	\$70,000.00
10.00	31 24 135	ROADWAY EXCAVATION, EMBANKMENT & COMPACTION				
10.01	(1.8.4)	Removal of Existing Concrete and Asphalt Flatwork (all depths) (Incl. Sawcut & Offsite Disposal)	sq.m	165		
10.02	(1.8.4)	Removal of Existing Concrete Curb	lin.m	37		
10.03	(1.8.4)	Removal of No Post Barrier & Bollards (Incl. Off Site Disposal)	each	3		
10.04	(1.8.5)	Common Excavation (Incl. Stripping, Top Soil Removal & Off Site Disposal) - Provisional	cu.m	1500		
11.00	32 17 235	PAINTED PAVEMENT MARKINGS				
11.01	(1.5.3)	Permanent Thermoplastic Pavement Markings and Stencils (includes Eradication of Existing Pavement Markings) as Per Contract Drawings	L.S.	1		
11.02	(1.5.4)	Install Traffic Signage on New Pole and Base (City to supply all new sign tabs)	each	3		
11.03	(1.5.4)	Install or Adjust Traffic Signage on Existing Pole or Streetlight (City to supply all new sign tabs)	each	2		
11.04	(1.5.4)	Relocate Existing Sign Pole & Install or Adjust New Traffic Signage	each	1		
12.00	32 31 135	CHAIN LINK FENCES AND GATES				
12.01	(1.5.1)	Install New Chainlink Fence (MMCD 13) - Provisional	lin.m	340		
12.02	(1.5.4)	MMCD C14 (Powder Coated Black) Handrail - Embedded Mounting	lin.m	360		
12.03	(1.5.5)	Remove & Replace Existing Chainlink Fence (MMCD 13)	lin.m	16		
13.00	32 91 13.235	STRUCTURAL SOIL				
13.01	(1.8.1)	Structural Soil	cu.m	650		
14.00	32 91 215	TOPSOIL AND FINISH GRADING				
14.01	(1.4.1)	Imported Topsoil - 150mm thick	cu.m	110		
15.00	32 92 19	HYDRAULIC SEEDING				
15.01	1.8.2	Hydraulic Seeding (lawn grass #1, sun and shade mix)	sq.m	730		
16.00	32 93 015	PLANTING OF TREES, SHRUBS AND GROUND COVERS				
16.01	(1.9.1)	European Hornbeam Tree, 6cm Cal/B&B as described in Contract Drawings c/w Treegator Slow Release Watering Bag, Trunk Protector, Support Stakes and 1.0m Deep Bark Mulch Well Tree Well - Provisional	each	8		
16.02	(1.9.1)	Katsura Tree, 6cm Cal/B&B as described in Contract Drawings c/w Treegator Slow Release Watering Bag, Trunk Protector, Support Stakes and 1.0m Deep Bark Mulch Well Tree Well - Provisional	each	2		
16.03	(1.9.1)	Fraser's Photinia, #10 Pot as described in Contract Drawings c/w 75mm Deep Bark Mulch - Provisional	each	7		
16.04	(1.9.1)	Ninebark, #10 Pot as described in Contract Drawings c/w 75mm Deep Bark Mulch - Provisional	each	6		
16.05	(1.9.1)	Ocean Spray, #10 Pot as described in Contract Drawings c/w 75mm Deep Bark Mulch - Provisional	each	6		
17.00	33 40 015	STORM SEWER				
17.01	(1.6.2)	450mm dia. Conc Pipe (Type C-76 III)	lin.m	7		
17.02	(1.6.6)	100mm PVC Perforated Pipe within Retaining Wall (incl. drain rock, filter fabric, cleanouts and tie-in to existing catchbasin sump)	lin.m	390		
18.00	33 42 13	PIPE CULVERTS				
18.01	1.5.3	11-13 Headwall c/w Rip Rap	L.S.	1		
19.00	33 44 015	MANHOLES AND CATCHBASINS				
19.01	(1.5.2)	Lawn Basin Type 1 (COQ-512A) - Provisional	each	1		

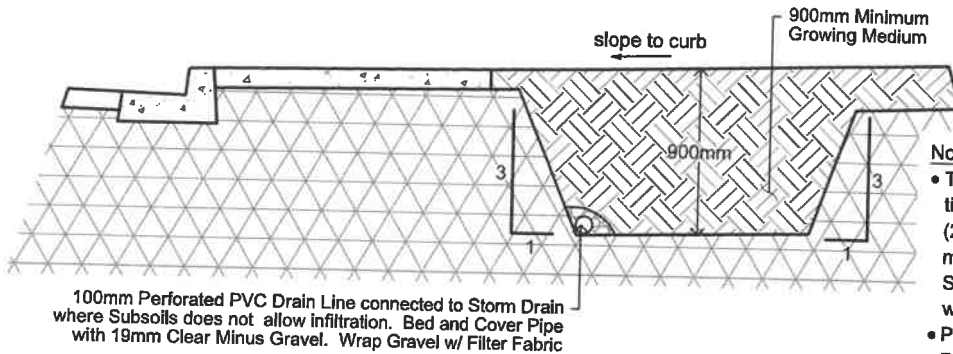
FORM OF TENDER

ITEM NO.	MMCD Ref./ (SS)	DESCRIPTION	UNIT	QTY	UNIT PRICE	EXTENDED AMOUNT
19.02	(1.5.3)	Junction Box, Communication Box (5686 Service Box) & Water Valve (Terminal City Nelson Type) Adjustment Only	each	9		
20.00	34 41 135	TRAFFIC SIGNALS				
20.01	(1.9.2)	Traffic Signal Installation and Modifications including Controller Relocation as Shown In Contract Drawings	L.S.	1		
20.02	(1.9.4)	Remove and Reinstate Detector Loops - Provisional	each	4		
20.03	(1.9.5)	Shift Existing Communication Ducts	Allowance		\$15,000.00	\$15,000.00

Total Tendered Price (exclude GST): \$ _____
 (Transfer the amount to Form of Tender Summary Page 1)
 Name of Contractor: _____



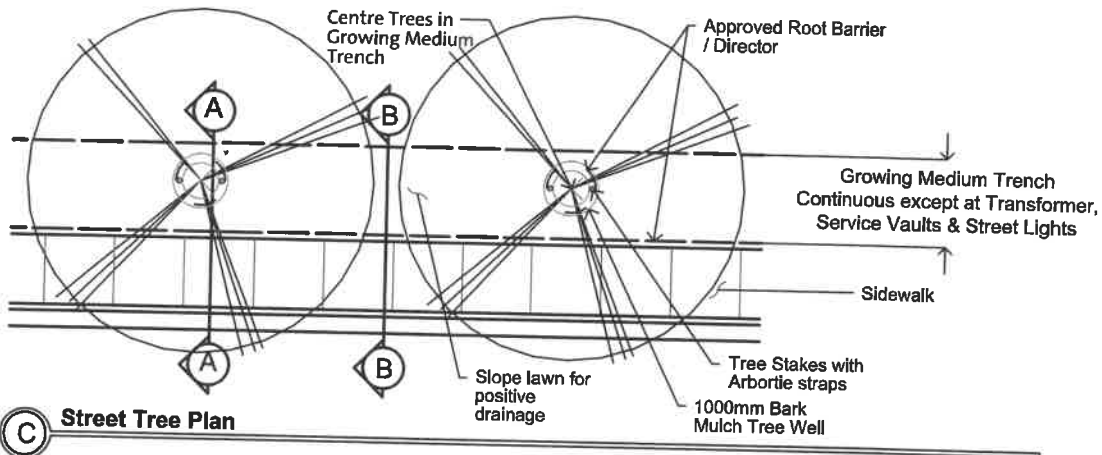
A Section Through Tree Location



Notes:

- Tree Stakes to be 2500 x 75Ø PT timber with two 20mm Arbortie (20mm) loops installed as per manufacturer's recommendations. Stakes to be removed at end of warranty period;
- Provide One Treegator® Slow Release Watering Bag for each Street Tree.

B Section Through Growing Medium Trench



C Street Tree Plan

PLOTTED: 1-Mar-16

**BOULEVARD TREE PLANTING
BEHIND SIDEWALK**

DATE: DEC/2015
DRAWN: AJM
SCALE: N.T.S.

DRAWING NUMBER:
COQ-L2C