Coquitlam

Addendum No. 1

City of Coquitlam
Tender 84495-3
Austin Heights Sanitary Upgrades Phase 3
Issue Date: January 17, 2025
(Consists of 5 Pages)

REVISIONS:

1. **Refer to:** FORM OF TENDER
   REMOVE: **Appendix 1**
   REPLACE with: ***Revised*** **- Appendix 1 - Revision No. 1**
   NOTE: Revisions shown in red.

2. **Refer to:** **SUPPLEMENTARY GENERAL CONDITIONS, 4.1 – Control of the work**
   REMOVE: 4.1.1
   REPLACE with: The Contract Administrator will provide all survey layout for the construction of the Work to the design specifications and/or elevations as shown on the contract drawings.

   Refer to: SUPPLEMENTARY CONTRACT SPECIFICATIONS, Contract Specific Notations, Section 00 72 43S
   REMOVE: Section 1.08 – Survey Layout
   REPLACE with: Construction layout will be the responsibility of the Contract Administrator as outlined in Supplementary General Condition 4.1.1.

   Refer to: SUPPLEMENTARY CONTRACT SPECIFICATIONS, Quality Control, Section 01 45 00S
   REMOVE: Section 1.4 – Survey Layout
   REPLACE with: All survey layout will be completed by the Contract Administrator. Refer to SGC 4.1.1.

QUESTIONS/CLARIFICATIONS:

Q1: Advise what Cascadian Structural Engineering's scope of work pertains too?

A1: Cascadian's Structural Engineering scope pertains to the pile caps required on Line 12.20. Following the Notice of Award, the contractor may propose alternate approaches to construction including fabrication and installation of precast pile caps. Any alternate shall be accompanied by signed sealed shop drawings and subject to Contract Administrator approval.

Q2: Verify if the helical piling by Subcontractor (Matcon) requires a sealed design by a Professional Structural Engineer in BC? Alternately, a Geotechnical Engineer?

A2: Kontur Geotechnical will be retained to complete engineering field reviews and provide engineering sign off on the installation of the helical piles.

The Contractor shall provide the following information for review and approval prior to construction:
1) Helical pile shop drawings as prepared by the Contractor;
2) Proposed helical pile installation methodology by the Contractor; and
3) Proposed helical pile material (including mill certificates)

Q3: Do we have an environmental report for this site?

A3: An environmental report has not been obtained for this site.

Q4: What is the Engineer's requirement for corrosion protection? Design life?

A4: Additonal steel thickness has been included in the pile specifications as noted in the Geotechnical report. The design life should be 100 years.

Q5: Will their be considerations on alternative traffic restrictions or construction methodology along Austin Avenue during piling, pile cap and mainline installation?

A5: Alternative construction methodology and traffic restrictions during piling, pile cap and mainline installation may be considered, including allowing for a maximum of one full lane closure in each direction along Austin Avenue to accommodate for construction between July 2 and August 31 (due to lower traffic volumes). Any work outside this window will be subject to the restrictions as noted in Appendix A. The maximum closure length and duration for the required work zone will be at the sole discretion of the Contract Administrator and Coquitlam Traffic Operations. The Contractor will be responsible for the necessary safety measures to facilitate the closure, specifically during off hours (i.e. fencing and/or plating).

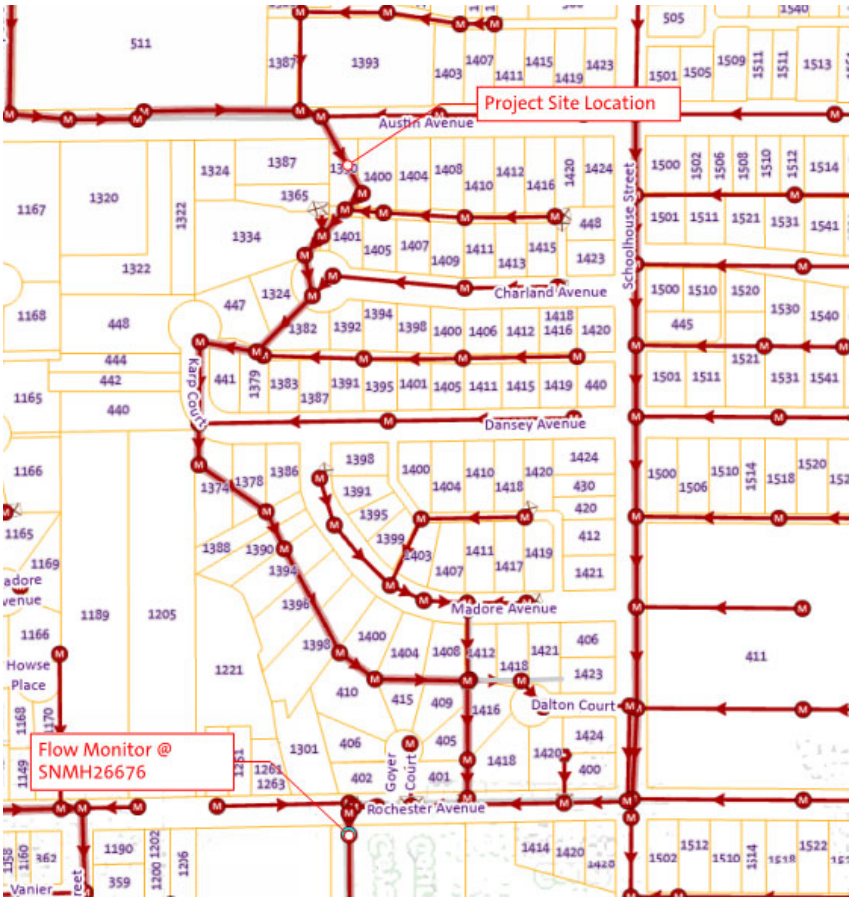
Q6: Can a soil report – including any geotechnical studies or findings conducted on site be provided?

A6: A geotechnical report with information on soil samples has been provided in Appendix B.

Q7: Can sewer flow rates including relevant data for the project location in order to evaluate the existing infrastructure capacity be provided?

A7: Please refer to the table below which is based on the most recent flow monitoring data. The flow monitor is located at 1300 Rochester Avenue (location map shown below) and is downstream from the project site. Rates may be more conservative than the actual flow rates experienced upstream. The Contractor is responsible for providing sufficient bypass pumping based on site conditions.

2024 Flow Monitoring Data – 1300 Rochester Avenue			
Jan1-April 30	Maximum	1399.149	GPM
	Average	307.4984	GPM
May 1 - Aug 31	Maximum	730.905	GPM
	Average	188.1949	GPM
Sept 1 - Dec 31	Maximum	4118.218	GPM
	Average	337.3669	GPM



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 should be acknowledged on the Tender form where indicated.

Upon submitting a Tender, Tenderers will be deemed to have received all addenda and considered the information for inclusion in the Tender submitted.

Issued by:

M. Pain
Manager Procurement
Email: bid@coquitlam.ca

Revised - APPENDIX 1 - Revision No.1
FORM OF TENDER

Contract 84495-3
Austin Heights Sewer Upgrades - Phase 3

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
1.00	**01 55 00S**	**TRAFFIC CONTROL, VEHICLE ACCESS AND PARKING**				
1.01	(1.5.1)	Traffic Control and Management	Incidental to Contract			
2.00	**01 57 01S**	**ENVIRONMENTAL PROTECTION**				
2.01	(1.6.1)	ESC supply & installation, maintenance and removal	Incidental to Contract			
3.00	**01 58 01S**	**PROJECT IDENTIFICATION**				
3.01	(1.3.1)	Construction Zone Information Signs	ea.	2		
3.02	(1.3.2)	CMS Boards (2 Signs)	month	4		
4.00	**31 11 01S**	**CLEARING AND GRUBBING**				
4.01	(1.4.1)	Clearing and Grubbing	L.S.	1		
5.00	**31 11 41S**	**SHRUB AND TREE PRESERVATION**				
5.01	(1.3.2)	Hydro Excavation **(Provisional)**	Allowance			$10,000.00
6.00	**31 23 01S**	**EXCAVATING, TRENCHING AND BACKFILLING**				
6.01	(1.10.3)	Overexcavation **(Provisional)**	cu.m	10		
6.02	(1.10.9)	Remove and Replace Wood Tie Retaining Walls **(Provisional)**	Allowance			$10,000.00
7.00	**31 23 23**	**CONTROLLED DENSITY FILL**				
7.01	1.4.1	Controlled Density Fill of Abandoned Sanitary Main as per Contract Drawings	cu.m	4		
8.00	**31 23 17**	**ROCK REMOVAL**				
8.01	1.6	Rock Removals **(Provisional)**	cu.m	28		
9.00	**32 14 01S**	**UNIT PAVING**				
9.01	(1.6.4)	Remove and Reinstate Existing Unit Pavers **(Provisional)**	sq.m	80		
9.02	(1.6.5)	Remove and Reinstate Metal Carport Canopy at 1334 Charland Avenue **(Provisional)**	L.S.	1		
10.00	**32 31 13S**	**CHAIN LINK FENCES AND GATES**				
10.01	(1.5.2)	1.5m high Chain Link Fence **(Provisional)**	lin.m	30		
10.02	(1.5.5)	Supply and Install Wooden Cedar Fence **(Provisional)**	lin.m	10		
11.00	**32 93 01S**	**PLANTING OF TREES, SHRUBS AND GROUND COVERS**				
11.01	(1.9.1)	6 ft Cedar Hedge **(Provisional)**	each	10		
12.00	**33 30 01S**	**SANITARY SEWERS**				
12.01	(1.6.2)	Supply and Installation of 300mm PVC DR35	lin.m	16		
12.02	(1.6.2)	Supply and Installation of 375mm PVC DR35	lin.m	32		
12.03	(1.6.2)	Supply and Installation of 450mm PVC DR35	lin.m	140		
12.04	(1.6.2)	Supply and Installation of 525mm PVC DR35	lin.m	41		
12.05	(1.6.2)	Supply and Installation of 525mm PVC DR35 in 914mm Steel Encasement Pipe c/w Uniflange Restraints with Casing Spacers by Jacking or Boring	lin.m	41		
12.06	(1.6.2)	Supply and Installation of 600mm PC350 DI Pipe c/w Protecto 401 Ceramic Epoxy Liner and Joint Restraints	lin.m	113		
12.07	(1.6.3)	150mm PVC SDR28 Service Connection as per COQ-S7A	each	8		
12.08	(1.6.3.1)	Transfer Existing Sanitary Service Connection at Main	each	1		
12.09	(1.6.7)	Tie-in 375mm sanitary main to Existing MH - west of S35	each	1		
12.10	(1.6.7)	Tie-in Existing 200mm sanitary main - north inlet at S35	each	1		
12.11	(1.6.7)	Tie-in Existing 300mm sanitary main - north inlet at S33	each	1		
12.12	(1.6.7)	Tie-in 300mm sanitary main to Existing MH - north of S30	each	1		
12.13	(1.6.7)	Tie-in Existing 200mm sanitary main - east inlet at S29A	each	1		
12.14	(1.6.7)	Tie-in Existing 200mm sanitary main - east inlet at S27	each	1		
12.15	(1.6.7)	Tie-in Existing 200mm sanitary main - north inlet at S25	each	1		
12.16	(1.6.7)	Tie-in 450mm sanitary main to Existing 450mm Stub	each	1		
12.17	(1.6.8)	Cap and Abandon Existing Sanitary Sewer	each	10		
12.18	(1.6.9)	Helical Pile Pipe Support as shown on Contract Drawings	vert.m	200		
12.19	(1.6.9)	Helical Pile Pipe Support as shown on Contract Drawings **(Provisional)**	vert.m	50		
12.20	(1.6.10)	Helical Pile Caps as Shown on Contract Drawings	each	27		
13.00	**33 40 01S**	**STORM SEWERS**				
13.01	(1.6.2)	Supply and Installation of 250mm PVC SDR35	lin.m	11		
14.00	**33 44 01S**	**MANHOLES AND CATCHBASINS**				
14.01	(1.5.1.1)	1050mm Manhole c/w Metal Frame and Cover	ea.	8		
14.02	(1.5.1.1)	1200mm Manhole c/w Metal Frame and Cover	ea.	5		
14.03	1.5.1.5	Outside Drop (as per MMCD S3)	ea.	2		
14.04	(1.5.4.1)	Abandon Existing Sanitary Manhole	ea.	6		
14.05	(1.5.4.2)	Plug Inlet at Existing Manhole at 1382 Charland Ave	ea.	1		
14.06	(1.5.7)	1050mm Overbuild Manhole per Contract Drawings	ea.	2		

Total Tendered Price (exclude GST): _____

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

Name of Contractor: _____