



Addendum No. 2
City of Coquitlam
Tender 81832-Phase 1
Cedar Drive Upgrades - Phase-1:
Partington Creek Conveyance Improvements

 (Consists of 9 Pages)

 Issue Date: May 02, 2024

Tenderers shall note the following changes:

REVISIONS:

1. **REFER to: Invitation to Tender and Instructions to Tenderers, Submission of Tenders**
Tender Closing Date Extension to Friday, May 10, 2024

“Tenders must be received on or before:

Tender Closing Time: 2:00 p.m. local time
Tender Closing Date: Friday, May 10, 2024”

2. **REFER to: Invitation to Tenderers**

REMOVE: The deadline for inquiries is **2:00 PM** local time, **Friday, May 3, 2024**

REPLACE WITH: The deadline for inquiries is **2:00 PM** local time, **Tuesday, May 7, 2024**

3. **REFER to: FORM OF TENDER**

REMOVE: **REVISED – Appendix 1 – Revision No. 1**

REPLACE WITH: **REVISED – Appendix 1 – Revision No. 2**

4. **REFER to AGREEMENT, Schedule 2**

DELETE:

TITLE	CONSULTANT	SHEET NO.	REVISION NO.	DATE
IRRIGATION PLAN	KORE	14/16	C	2024/04/10
IRRIGATION PLAN	KORE	15/16	C	2024/04/10
IRRIGATION PLAN	KORE	16/16	C	2024/04/10

REPLACE WITH:

TITLE	CONSULTANT	SHEET NO.	REVISION NO.	DATE
IRRIGATION PLAN	KORE	13/16	D	2024/05/02
IRRIGATION PLAN	KORE	14/16	D	2024/05/02
IRRIGATION PLAN	KORE	15/16	D	2024/05/02

ADD NEW DRAWING

TITLE	CONSULTANT	SHEET NO.	REVISION NO.	DATE
IRRIGATION DETAILS	KORE	16/16	A	2024/05/02

5. REFER to Supplementary Contract Specifications

SECTION 01 57 01S (ENVIRONMENTAL PROTECTION)

REMOVE Clause 1.6 (Measurement and Payment)

REPLACE WITH Revised Clause 1.6:

- | | | |
|------------------------------------|---|---|
| 1.6 Measurement and Payment | Delete 1.6.1 and replace with the following | Payment by allowance for all ESC work identified in the Environmental Management Plan (Appendix C) and this section will be determined by the QEP and Contractor and must be approved by CA prior to the work taking place. Payment for all ESC work, unless shown otherwise in the Schedule of Quantities and Prices, performed under EMP and this section will be made on force account basis as described in MMCD GC 10 and Contract Supplementary Specifications. |
|------------------------------------|---|---|

SECTION 01 57 01S (ENVIRONMENTAL PROTECTION)

ADD New Clause 1.9.3 -

Archaeological Chance Find Procedure Training

- | | | |
|--|-----------|---|
| 1.9 Archaeological / Historical Resources | Add 1.9.3 | The Contractor and the site staff will be required to attend a one hour on-site training session regarding <u>Archaeological Chance Find Procedures</u> . City will make all necessary arrangements. This will be considered as incidental to the work described in other sections. |
|--|-----------|---|

CONTRACTOR QUESTIONS AND CLARIFICATIONS:

- Q1) Any as built information about HDPE Pipe being abandoned?
- A1) HDPE 1200mm diameter DR21 pipe was used and was installed with zero slope.**
- Q2) Item 8.1 - What is the require Comprehensive strength & wet cast density requirement for the infill?
- A2) CDF compressive strength should be 1 MPa with wet cast density as 475 kg/m3.**

Q3) Can the contractor drive on and use the existing preload for staging and or site access?

A3) Existing pre-load embankment can be used to drive on and for access as long as the slope and top surface are maintained and reinstated after use.

Q4) Item # 10.01 HDPE Culvert extension - When connecting to the existing hdpe pipe, does this connection have to be a fusion joint or is coupler an acceptable connection?

A4) Fusion joint is required.

CLARIFICATIONS

A pre-tender site meeting was held on Cedar Drive and some of the clarifications provided are noted below:

1. Power supply for the irrigation system will be from a solar panel. The installation of the solar panel will be arranged by City under a different Contract.
2. Payment for all ESC work unless specified will be made on Force Account basis and will include required works and measures described in Environmental Management Plan as provided in Appendix C of Contract Documents.
3. Soil investigation bore hole report has been provided in Addendum 1.

End of Addendum No. 2

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
Procurement Manager
Email: bid@coquitlam.ca

REVISED - APPENDIX 1 - Revision No. 2

FORM OF TENDER

Contract 81832 - PHASE 1

CEDAR DRIVE UPGRADES - PHASE 1 : PARTINGTON CREEK CONVEYANCE IMPROVEMENTS

SCHEDULE OF QUANTITIES AND PRICES

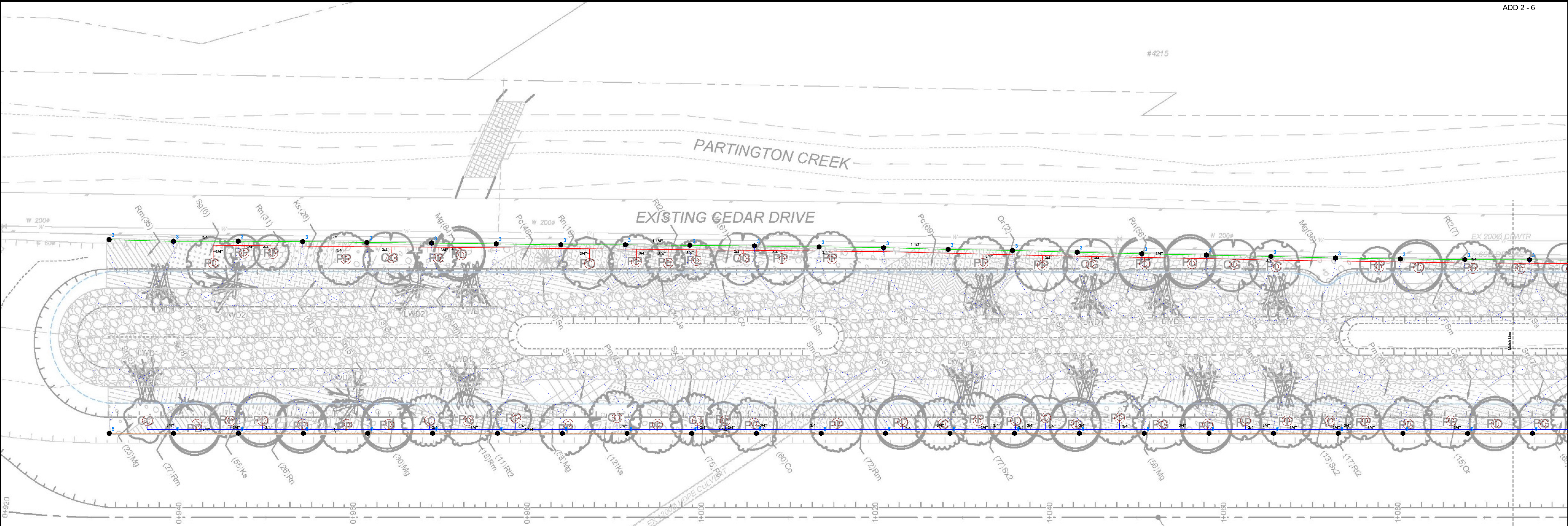
(see paragraph 5.3.1 of the Instruction to Tenderers)

(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/ Supp. Specs	DESCRIPTION	UNIT OF MEASURE	TOTAL QUANTITY	UNIT PRICE	TOTAL COST
1	01 55 00S	TRAFFIC CONTROL, VEHICLE ACCESS AND PARKING				
1.01	(1.5.1)	Traffic Control and Management		Incidental to Contract		
2	01 57 01S	ENVIRONMENTAL PROTECTION				
2.01	(1.6.1)	ESC supply & installation, maintenance and removal	ALLOWANCE	1		\$50,000.00
3	01 58 01S	PROJECT IDENTIFICATION				
3.01	(1.3.1)	Construction Zone Information Signs	Each	4		
4	31 11 01S	CLEARING AND GRUBBING				
4.01	(1.4.1)	Clearing and Grubbing	Lump Sum	1		
5	31 24 13S	ROADWAY EXCAVATION, EMBANKMENT AND COMPACTION				
5.01	(1.8.5)	Common Excavation - Off Site Disposal, includes stripping and top soil removal, placing polythene sheet for erosion control complete	Cubic Meter	2280		
5.02	(1.8.5)	Common Excavation - Onsite Reuse (Native Material Regrade at Channel)	Cubic Meter	1990		
5.03	(1.8.5)	Japanese Knotweed Removal and Off Site Disposal and Stockpiling at 1341 Gilleys Trail.(OPTIONAL)	Square Meter	150		
5.04	(1.8.4)	Removal of Existing Concrete Lock Blocks	Each	230		
5.05	(1.8.14)	Sandbag Barrier	Linear Meter	140		
6	32 11 23	GRANULAR BASE				
6.1	(1.4.3)	19mm Minus Gravel (Road Shoulder)	Tonne	80		
7	33 11 01S	WATERWORKS				
7.01	(1.8.11)	Hydrant Assembly Relocation	Each	2		
7.02	(1.8.14)	Irrigation water service connection and meter (50 mm Diameter)	ea.	1		
8	31 23 23	CONTROLLED DENSITY FILL				
8.1	1.4	Infill of Existing 1200mm Dia. HDPE Culvert with Controlled Density Fill (CEMATRIX or Approved Equal)	Cubic Meter	140		
9	31 37 10	RIPRAP				
9.1	1.4.1	150mm Dia. Riprap	Tonne	80		
10	33 42 13S	PIPE CULVERTS				
10.01	(1.5.2)	1200mm Dia. HDPE Culvert Extension	lin.m	14		
10.02	(1.5.2)	1200mm Dia. 90deg HDPE Bend	Each	2		
10.03	(1.5.4)	Removal of Existing 300mm Dia. PVC Culvert	lin.m	14		
10.04	(1.5.7)	Removal of Existing 500mm Dia. CSP Culvert and off site disposal	lin.m	16		
10.05	(1.5.7)	Removal of Existing 600mm Dia. CMP Culvert and off site disposal	lin.m	11		
10.06	(1.5.7)	Removal of Existing 850mm Dia. PVC Culvert and off site disposal	lin.m	10		

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/ Supp. Specs	DESCRIPTION	UNIT OF MEASURE	TOTAL QUANTITY	UNIT PRICE	TOTAL COST
11	32 91 21S	TOP SOIL AND FINISH GRADING				
11.01	(1.4.1)	Growing Medium as specified on Contract Drawings	Cubic Meter	2630		
12	32 92 19S	HYDRAULIC SEEDING				
12.01	(1.8.1)	Hydraulic Seeding (Optional)	Square Meter	2500		
12.02	1.8.3	Erosion Control Blanket (Terrafix C200 or approved equivalent)	Square Meter	4700		
13	04 43 00S	CHANNEL SUBSTRATE				
13.1	(1.3.1)	Channel Substrate Gravel Mix	Cubic Meter	1150		
13.2	(1.3.2)	600mm Dia. Boulder	Each	300		
14	32 93 01S	PLANTING OF TREES, SHRUBS, AND GROUND COVERS				
14.01	(1.9.1)	Tree - Amelanchier canadensis - Canada Serviceberry	Each	7		
14.02	(1.9.1)	Tree - Betula alleghaniensis - Yellow Birch	Each	3		
14.03	(1.9.1)	Tree - Cercis canadensis - Eastern Redbud	Each	3		
14.04	(1.9.1)	Tree - Crataegus douglasii suksdorfii - Black Hawthorn	Each	1		
14.05	(1.9.1)	Tree - Gleditsia triacanthus - Honey Locust	Each	3		
14.06	(1.9.1)	Tree - Picea glauca - White Spruce	Each	8		
14.07	(1.9.1)	Tree - Pinus contorta - Shore Pine	Each	8		
14.08	(1.9.1)	Tree - Pinus ponderosa - Ponderosa Pine	Each	38		
14.09	(1.9.1)	Tree - Prunus emarginata - Bitter Cherry	Each	6		
14.10	(1.9.1)	Tree - Pseudotsuga menziesii - Douglas Fir	Each	50		
14.11	(1.9.1)	Tree - Quercus garryana - Garry Oak	Each	19		
14.12	(1.9.1)	Tree - Rhamnus purshiana - Cascara	Each	14		
14.13	(1.9.1)	Shrubs	Each	3661		
14.14	(1.9.1)	Ground Cover	Each	4074		
14.15	(1.9.3)	Large Woody Debris Type 1	Each	31		
14.16	(1.9.3)	Large Woody Debris Type 2	Each	9		
14.17	(1.9.3)	Tree Snag	Each	9		
15	32 84 23S	IRRIGATION				
15.01	(1.11)	Providing and Installing irrigation system complete with double check valve assembly (Watt 007QT), irrigation controller, Rainbird PEB valves, all labor, equipment and materials needed to complete the work as shown on Contract Drawings including maintenance for one year as described in specifications.	l.s.	1		
<p style="text-align: right;">Total Tendered Price (exclude GST): _____ \$</p> <p style="text-align: right;">(Transfer the amount to Form of Tender Summary Page 1)</p> <p style="text-align: right;">Name of Contractor: _____</p>						



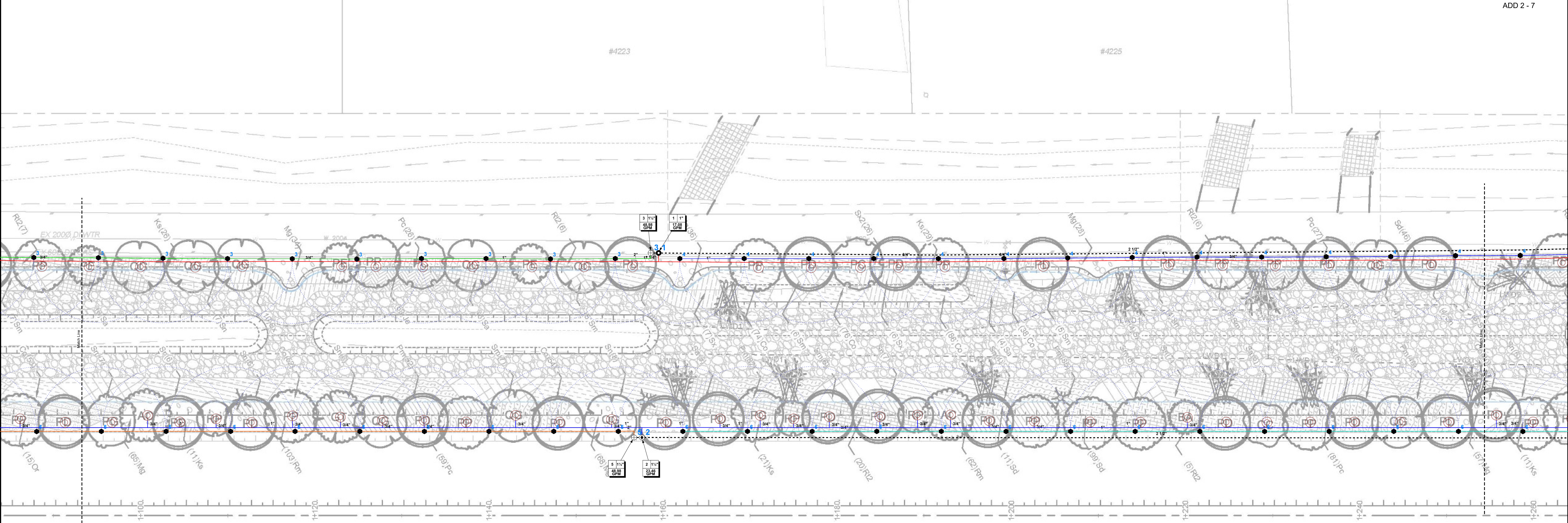
Irrigation

Symbol	Description	Pressure	Flow	Radius
Sprinklers				
●	Rain Bird 5000 Series 1.5 LA - 5004-PC-SAM-R	45 psi	1.58 gpm	31 ft
Meters/Pumps				
POC	2" Point of Connection - water supply			
Backflow Assemblies				
W	Watts 007M1QT - 2"			
Control Valves				
+	Rain Bird 150-PEB			
+	Rain Bird 200-PEB			
+	Rain Bird XCZ-100-PRB-COM			
+	Rain Bird XCZ-150-PRB-COM			
Irrigation Accessories				
+	R&W 1" isolation valve			
+	R&W 2" isolation valve			
+	Toro SB-12-PS1-U			
+	Toro TFS-200 Flow Sensor			
Lateral Line Pipe				
---	Class 200 3/4" - colour coded by zone			
---	Class 200 1" - colour coded by zone			
---	Class 200 1 1/4" - colour coded by zone			
---	Class 200 1 1/2" - colour coded by zone			
---	Class 200 2" - colour coded by zone			
---	Class 200 2 1/2" - colour coded by zone			
Mainline Pipe				
---	Class 200 2"			
---	Class 200 2 1/2"			
Drip Tubing				
---	Rain Bird XFS-09-12			

Install according to City of Coquitlam Irrigation Specifications & Details

REV NO:	DESCRIPTION	DATE	DRAWN	APPR'D
A	PRELIMINARY DESIGN	2024/02/26	K EII	CJB
B	DETAILED DESIGN	2024/04/01	K EII	CJB
C	ISSUED FOR TENDER	2024/04/10	K EII	CJB
D	ADDENDUM #2	2024/05/02	K EII	CJB

SCALE:	1 : 200	CREATION DATE:	Feb 12, 2024	DWG NO 13 of 16
DRAWN BY:	K EII			
CHECKED BY:	K EII			
DESIGN NO.:	33527			REV D



Irrigation

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Sprinklers				
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Control Valves				
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	Rain Bird 200-PEB			
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CITY OF COQUITLAM
CEDAR DRIVE UPGRADES

IRRIGATION PLAN

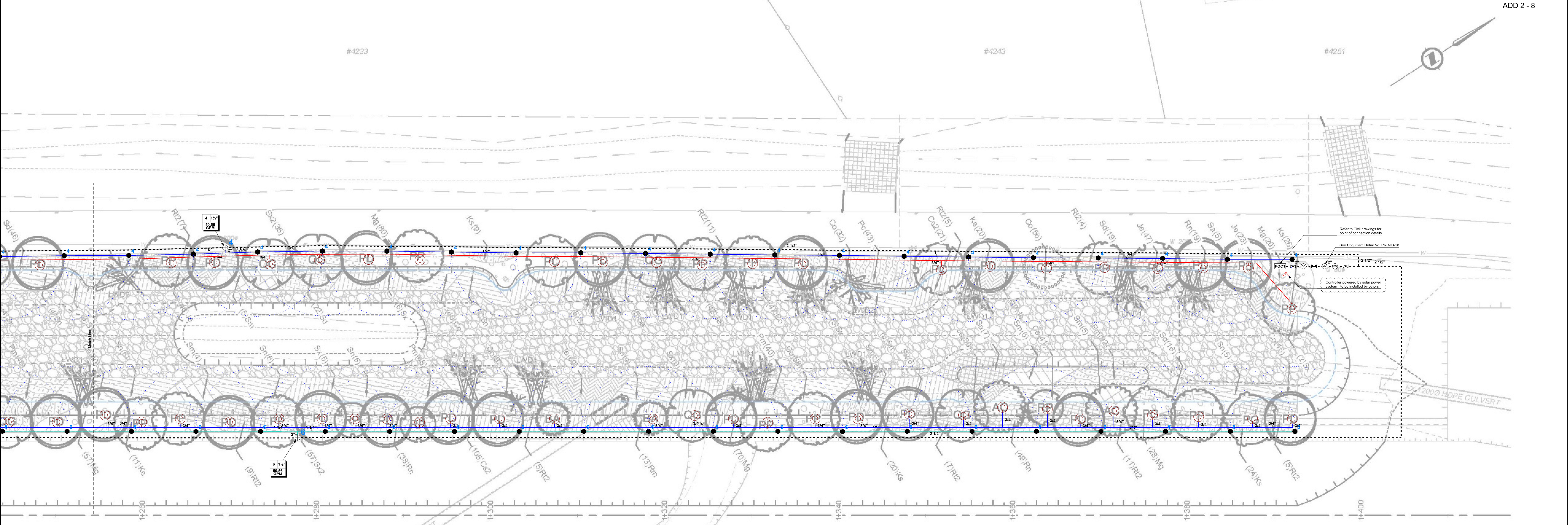


#110, 19140 28th Ave. Surrey, BC V3Z 6M3
T: (604) 536-2025 F: (604) 536-2025 www.kore.ca



#201, 3599 Hanning Drive, Burnaby, BC V5C 6P9
T: (604) 629-2696 F: (604) 629-2696

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CHECKED BY:	K EII			
DESIGN NO.:	33527			



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	Rain Bird XFS-09-12			

Install according to City of Coquitlam Irrigation Specifications & Details

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