


Addendum #1

Contract Title: Dore River – Bank Erosion Protection

Ref #: 2341-21107-01

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Date: March 13, 2024

Item #	Section	Description
Contract Amendments		
1.	Form of Tender Appendix 1 - Schedule of Quantities and Prices	Replace the schedule of quantities and prices with revision 1 of the document which is attached. Changes are highlighted in RED text.
2.	Supplemental Contract Specifications – Section 01 57 01 SS	Replace Item 2.2.2. with the following: <i>The EPP must include certification by a Qualified Environmental Professional (QEP) registered in British Columbia.</i>
Clarifications		
1	McElhanney has submitted an application with MOTI for use of the right of way at the corner of Dorval Road for access to the project. The contractor shall assume the right of way may be used for access and material laydown. See image below for right-of-way area (highlighted in yellow). 	
Questions and Answers		
Q1	Would the Regional District consider the use of sheet piles to reduce rock volumes and provide a more permanent solution to bank stabilization along the Dore River? This methodology has been recently executed at Cold Lake (https://coldlake.com/en/city-hall/lakeshore-drive-infrastructure-improvements.aspx)	

A1	<i>No, sheet piles will not be considered as an alternative for this project.</i>
Q2	Has a riprap source been identified for use on the project?
A2	<i>No, sourcing riprap material is the responsibility of the Contractor.</i>
Q3	Is there a requirement for a bid or performance bond on the project?
A3	<i>Yes. See Instructions to Tenderers Part II section 5.1 and Form of Tender Section 5.1</i>
Q4	What are the performance specifications for the self compacting fill (gradation, quality, PH, etc)?
A4	<i>See Supplementary Specifications, section 31 24 13 paragraph 2.2.1.</i>
Q5	Is there a time that livestaking should occur on the project, as well as the upstream locations? Livestaking is typically most effective when done in the spring, which conflicts with the completion of the riprap which is scheduled for the fall.
A5	<i>All livestaking is to occur in the fall.</i>
Q6	Does the erosion and sediment control (ESC) plan need to be certified by an aquatic professional?
A6	<i>ESC must be reviewed by the Qualified Environmental Professional (QEP). See Contract Amendment 2 above.</i>
Q7	Is an environmental professional required to be on site during specific periods of construction?
A7	<i>An environmental monitor must be on site at all times that work is done under the high-water mark. The environmental monitor can be the QEP or someone supervised by the QEP. Environmental monitoring during other periods of construction shall be at minimum a weekly inspection, or at a higher frequency at the discretion of the QEP.</i>
Q8	Can McElhanney be the contractor's environmental professional?
A8	<i>No, McElhanney cannot be retained by the contractor for the environmental requirements of the project. A third-party environmental professional is required.</i>
Q9	What is the sampling / testing frequency required for the rock?
A9	<i>See 31 37 10 SS Section 2.1.</i>
Q10	What are the requirements for restoration of private property?
A10	<i>See note 2.8 on drawing sheet 001, and sheet 400.</i>
Q11	Please clarify if the on-site meeting is mandatory.
A11	<i>The Teams meeting scheduled for March 15th is mandatory. The on-site meeting scheduled for March 18th is optional.</i>
Q12	Do you have the rip rap volume in m3 in lieu of square meters?
A12	<i>See revised Appendix 1_ Schedule of Quantities. Riprap quantity is in cubic metres.</i>

List of attachments:

- 1) Schedule of Quantities and Prices – Rev 1
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Dore River Erosion Protection

Form of Tender Appendix 1: Schedule of Quantities and Prices **Rev. 1**

Item	Section	Para	Description	Unit	Quantity	Unit Price	Extension
Division 01 - General Requirements							
1.1	01 33 01	1.5.1	Project Record Drawings	Lump Sum	1		\$ -
1.2	01 51 01	1.6.1	Temporary Utilities and Lighting	Incidental	-	-	-
1.3	01 52 01	1.6.1	Temporary Structures and Facilities	Incidental	-	-	-
1.4	01 55 00	1.5.1 SS	Traffic Control	Incidental	-	-	-
1.5	01 57 01 SS	1.6.1 SS	Environmental Protection	Lump Sum	1		\$ -
1.6	01 57 02 SS	1.0	Dewatering and Diversion	Incidental	-	-	-
1.7	01 58 01	1.3.1	Project Identification	Incidental	-	-	-
Subtotal -Division 1- General Requirements							\$ -
Division 31 - Earthwork							
31.1	31 11 01	1.4 SS	Clearing and Grubbing - River Banks Prepare banks for excavation. Includes removal and offsite disposal of driftwood, felled trees, organics, grubbing of stumps	Square Metre	5600		\$ -
31.2	31 11 01	1.4.3 SS	Establish Access Routes & Laydown Areas All work necessary to establish access to the site along routes and laydown areas as shown.	Lump Sum	1		\$ -
31.3	Tender Price	1.8	Common Excavation - Onsite disposal Disposal of excess bank material adjacent to banks or spread along access routes during restoration, as approved by Contract Administrator.	Cubic Metre	650		\$ -
31.4	31 24 13	1.8 SS	Common Excavation - Offsite Disposal	Cubic Metre	3130		\$ -
31.5	31 24 13	1.8.7 SS	Supply and Place self-compacting slope fill Imported Material, Optional Work	Cubic Metre	560		\$ -
31.6	31 32 19	1.6.1	Geotextile Nilex 4551 or Approved Equivalent	Square Metre	7200		\$ -
31.7	31 37 10	SS	Riprap - Class 100KG, 700 mm thickness	Cubic Metre	4500		\$ -
31.8	31 37 10	SS	Riprap - Class 250KG, 1000 mm thickness	Cubic Metre	1100		\$ -
31.9	31 37 10	1.4.1 SS	Habitat Boulders, 800 - 1000 mm Dia.	Each	100		\$ -
Subtotal - Division 31 - Earthwork							\$ -

Item	Section	Para	Description	Unit	Quantity	Unit Price	Extension
<i>Division 32 - Roads and Site Improvements</i>							
32.1	32 91 21	1.4.1	Import and Place Topsoil (300mm thickness) Bed Type B - Tree and Shrub	Square Metre	9000		\$ -
Grass Seeding - Broadcast							
32.2	32 92 20	1.8.1	When work is complete, roughen surface of temporary access road and seed with MoTI Interior Forest Land Mix	Square Metre	3330		\$ -
Bed Type A (Live Stakes)							
32.3	32 93 01	1.3.1 SS	Quantity and Species as per Drawings	Square Metre	1500		\$ -
Bed Type B (Trees and Shrubs)							
32.4	32 93 01	1.3.2 SS	Quantity and Species as per Drawings	Square Metre	9000		\$ -
Bed Type C (Live Stakes in riprap)							
32.5	32 93 01	1.3.3 SS	1 m to 1.5 m length, avg. 1 stake per 2 lineal metre, stake species as per Contract Drawing	Square Metre	3900		\$ -
Live Staking In Upper Reach of Dore River							
32.6	32 93 01	1.3.4 SS	Sites within 5 km of project site.	Square Metre	550		\$ -
Subtotal - Division 32 - Roads and Site Improvements							\$ -