

May 23, 2018

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Our File: 389-038

**DISTRICT OF SUMMERLAND
LANDFILL WEST CELL (STAGE E) – PHASE 4 LINER**


**CONTRACT DOCUMENTS AND SPECIFICATIONS
ADDENDUM # 2**

This Addendum is being issued prior to the closing of Tenders and is intended as clarification and/or revision of the Contract Documents. This Addendum shall become an integral part of the Contract Documents and Tenderers shall acknowledge receipt on the appropriate page of the Form of Tender.

1. Enclosed is a revised Appendix 1 Schedule of Quantities. Changes include:
 - a. Item numbering correction (Removal of 31.9 duplicate)
 - b. Removal of 31.16 Field Survey line item
2. Enclosed is an updated Appendix 7 from Addendum No. 1. Changes include:
 - a. Item numbering correction
 - b. Specification of item descriptions to describe this as an alternate to supply of materials from Cantex.
3. Replace MMCD Section 31 05 1 in Line 2 of Addendum 1 with MMCD Section 31 05 17.
4. Item descriptions *liner base sand and liner cover sand* refer to pit run sand as per MMCD Section 31 05 17.
5. The approximate cut and fill volumes for material within the limits of excavation from the access road (at the top of the liner) to top elevation is:
 - a. Cut= 8,600 m³
 - b. Fill= 300 m³
6. The approximate volume of drain rock in the leachate collection trench within the floor area boundary is 95 m³.
7. Geogrid shall be installed with overlap consistent with the manufacturer's recommendations but shall not be less than 0.3m.
8. Geomembranes are to be installed and tested as per TRUE Supplemental Section 2L issued in Addendum 1 and the manufacturer's specifications.
9. The stockpile location for materials from clearing and grubbing can be at either location denoted in Figure 1 attached (located at the northern end of Phase 4).

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10. The total storage volume of the non-potable water source is not specified. The Contractor will have to visually inspect and estimate the storage volume. The pond can be filled at up to 0.8 m³/min.
11. Questions regarding the tender will be extended to Friday May 25th at 12:00 p.m.
12. Cut material is to be transported to the Cantex gravel pit on Bathville Road adjacent to the landfill (see Figure 1 attached). Cantex will process cut material as per the requirements in the Tender Documents and Addendums. Processed material will be stockpiled for use by the awarded Contractor at the District's cost. Supplied material will include pit-run sand and pit-run gravel.
13. Material transport will be at the cost of the Contractor. Backhaul of pit-run sand and gravels can commence once material processing has begun.
14. If extra material is required for project completion, it can be sourced from either the existing Cantex North Sand Pile, the drain rock pile within the landfill site (if approved by the Engineer), or the Cantex gravel pit on site.
15. Material can be stockpiled on site within the Phase 4 boundary. Additional areas can be identified by the District if needed.
16. Cantex will take overages from excavation work. The Contractor will be responsible for transport to the Bathville gravel pit as noted on Figure 1 or a location within the landfill site.
17. Drain rock is available from Cantex. The Contractor must ensure the gradation specified in MMCD Section 31 05 17 is met.


Natalie Alteen, EIT

NA/mm

Enclosures

District of Summerland

Landfill West Cell (Stage E) - Phase 4 Liner

See paragraph 5.3.1 of the Instructions to Tenderers – Part II.

All prices and *Quotations* including the *Tender Price* shall include all *Taxes*, but shall not include *GST*. *GST* shall be shown separately.

Item #	Payment Section	Para	Item Description	Unit	Quantity	Unit Price	Amount
Division 01 - General Requirements					Sub-Total Division 01		
1.1	01 53 01	SSpec	Mobilization / De-Mobilization	LS	1		
1.2	01 33 01	SSpec	Survey Layout and Project Record Documents	LS	1		
1.3	01 57 01	SSpec	Environmental Protection	LS	1		
Division 31 - Earthwork							
31.1	31 11 01	1.4	Clearing and Grubbing- Side Slopes Only	m ²	7,000		
31.2	31 22 01	1.4.2	Grade Liner Floor Area and Leachate Drain	m ²	7,700		
31.3	31 22 01	1.4	Earthworks to Establish Base Grade- Cut and Fill	m ³	6,450		
31.4	31 22 01	1.4	Earthworks to Establish Base Grade- Cut Surplus to Stockpile	m ³	10,200		
31.5	31 23 01	SSpec	Construct Access and Excavate Liner Anchor Trench	l.m.	230		
31.6	31 22 01	SSpec	Haul, Place, Grade and Compact Liner Base Sand to Provide Minimum 200mm Thickness	m ²	7,700		
31.7	31 32 19	SSpec	Supply and Place 60mil textured HDPE Liner	m ²	13,000		
31.8	31 22 01	SSpec	Backfill Liner Anchor Trench	l.m.	230		
31.9	31 22 01	SSpec	Haul, and Place Liner Cover Sand to Minimum 300 mm Thickness on Floor Area	m ²	7,700		
31.10	31 22 01	SSpec	Haul, and Place Liner Cover Sand to Minimum 450 mm Thickness on Side Slopes	m ²	7,700		
31.11	31 22 01	SSpec	Construct Leachate Collection Trench c/w Bedding, Backfill, HDPE Piping and Cleanout	LS	1		
31.12	31 32 19	1.6	Supply and Install Geogrid on Liner Floor Area	m ²	7,700		
31.13	31 22 01	SSpec	Haul and Place Pit-run Gravel Over Geogrid to Minimum 300mm Thickness	m ²	7,700		
31.14	33 44 01	SSpec	Construct Leachate Collection Chamber	LS	1		
31.15	31 32 19	SSpec	Weld Seams to Existing Liner	l.m.	100		
31.16	31 32 19	SSpec	Liner Edge Protection c/s Non-woven Filter Cloth and Warning Strip	LS	1		

Sub-total Project	
Contingency Allowance	25,000.00
Tender Price	
GST 5%	
Tender Price plus GST	

Tenderer's Initials _____

District of Summerland

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See paragraph 5.3.1 of the Instructions to Tenderers – Part II.

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Item #	Payment Section Para	Item Description	Unit	Quantity	Unit Price	Amount
Division 31 - Earthwork				Sub-Total Division 31		
31.17	31 22 01	SSpec Alternate to 31.6: Supply, Haul, Place, Grade and Compact Liner Base Sand to Provide Minimum 200mm Thickness	m ²	7,700		
31.18	31 22 01	SSpec Alternate to 31.9: Supply, Haul, and Place Liner Cover Sand to Minimum 300 mm Thickness on Floor Area	m ²	7,700		
31.19	31 22 01	SSpec Alternate to 31.10: Supply, Haul, and Place Liner Cover Sand to Minimum 450 mm Thickness on Side Slopes	m ²	7,700		
31.20	31 22 01	SSpec Alternate to 31.13: Supply, Haul and Place Pit-run Gravel Over Geogrid to Minimum 300mm Thickness	m ²	7,700		

Tenderer's Initials _____

