



## **Addendum No. 4**

### **Request for Proposals ES-18-06 PRE-DESIGN AND DESIGN FOR A FULL-SERVICE TRANSFER STATION AT MACKENZIE REGIONAL LANDFILL**

The addendum is being issued prior to the closing of the RFP to provide further information, make changes to, or to clarify the Contract Documents and is to be read, interpreted and coordinated with all other parts of the Contract Documents. In the case of a conflict with the balance of the documents, this Addendum shall govern. **Proponents shall attach a signed copy of this addendum to their Request for Proposals.** This addendum shall form part of the Contract Documents.

- 1) **Question:** Are there existing utilities to the site (e.g. water, sanitary, electrical)? If so can we obtain the existing drawings?

**Answer:** Currently there are hydro services available to the Mackenzie Regional Landfill site.

- 2) **Question:** If there are no services to the site, which services will be required (e.g. water, storm, sanitary, electrical, etc.)?

**Answer:** Proponents are expected to provide options for services to the site with corresponding estimated costs. The funding approval for this project is based on The Mackenzie Regional Landfill – Transfer Station Feasibility Study.

- 3) **Question:** Are there existing drawings for the landfill available?

**Answer:** Please refer to the figures provided in the Mackenzie Regional Landfill - 2016 Annual Report.

- 4) **Question:** Is there an existing recent survey of the site available?

**Answer:** A recent survey will be provided to the successful proponent after the contract has been awarded.

- 5) **Question:** Can we obtain better versions of the RFP appendices (drawings and tables in the XCG report are unreadable)?

**Answer:** Please refer to the attachment in Addendum No. 4 for clearer images and tables.

- 6) **Question:** Can you confirm that the site masterplan only includes O&M and post closure of the landfill?

**Answer:** Please refer to RFP ES-18-06 Section 5.3 for items to be included in the Master Plan.

- 7) **Question:** Is the work presented in the XCG Transfer Station Feasibility report the entire extent of the project, or is the consultant expected to plan and provide additional items?

**Answer:** RFP ES-18-06 is asking proponents for potential options for pre-design and design for the Mackenzie site with associated estimated costs. The funding approval for this project is based on The Mackenzie Regional Landfill – Transfer Station Feasibility Study.

- 8) **Question:** Is the consultant expected to design all systems such as HVAC systems etc.?

**Answer:** Proponents are expected to provide the Regional District with a final design of the transfer station which is to include all applicable systems.

- 9) **Question:** Is additional work required at the landfill? Will the consultant need to investigate items such as the required area for receiving inert waste, and will the consultant be required to provide an updated GHG emission estimate?

**Answer:** The scope of work expected of the proponent can be found in RFP ES-18-06 Section 5.0 – Scope of Work.

**10) Question:** What is the intent of the office on site? Will it be decommissioned?

**Answer:** Proponents are expected to provide potential options for pre-design and design of the Mackenzie site with associated costs. The funding approval for this project is based on The Mackenzie Regional Landfill – Transfer Station Feasibility Study.

**11) Question:** The XCG report provided some bin sizes. Is the Regional District happy with these sizes?

**Answer:** Proponents are expected to provide potential options for pre-design and design of the Mackenzie site with associated costs. The funding approval for this project is based on The Mackenzie Regional Landfill – Transfer Station Feasibility Study.

**12) Question:** The RD's response to the question [in addendum #3], 'is a geotechnical report available?' was: all required information is in the RFP. This suggests to me that a Geotechnical report has been completed at the transfer station site, as there is no requirement in the RFP for one. Please let me know if a Geotechnical report has been completed (Yes / No) and if it has, if it will be made freely available to the successful proponent?

**Answer:** A Geotechnical report has not been completed for the Mackenzie Site. Please refer to RFP ES-18-06 Section 5.2.

**13) Question:** In the scope of work for the transfer station building, the XCG report says that building services will include sanitary facilities. I am wondering what the site does about the provision of water? If it is not there already, will it be trucked in? If it is there, is it of potable water quality, or will it only be used for flushing?

**Answer:** Please refer to the answers provided for questions 1 and 2 in this addendum.

Date: May 1, 2018

Addendum No. 4 Received.

\_\_\_\_\_  
Signature of Proponent

\_\_\_\_\_  
Name of Proponent

Inquiries relating to this RFP may be directed to:

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Table 3 Project Cost Estimate (2012)

Item	Description	Unit	Approx. Quantity	Unit Price	Materials	Construction	Total Price
<b>Phase 2 - Acquire engineering services to provide detailed project design</b>							
Pre-engineering	Topographical Survey	lump sum	1	\$7,500.00		\$7,500	\$ 7,500
	Geotechnical Investigation	lump sum	1	\$25,000.00		\$25,000	\$ 25,000
Engineering	Detailed Design	lump sum	1	\$100,000.00		\$100,000	\$ 100,000
Permits and Approvals	Building Permit	lump sum	1	\$10,000.00		\$10,000	\$ 10,000
	Ministry of the Environment	lump sum	1	\$10,000.00		\$10,000	\$ 10,000
Phase 2 - Subtotal							\$ 152,500
<b>Phase 3 - Public bidding process</b>							
Engineering	Tender Documents	lump sum	1	\$20,000.00		\$20,000	\$ 20,000
	Tender Process	lump sum	1	\$7,500.00		\$7,500	\$ 7,500
Phase 3 - Subtotal							\$ 27,500
<b>Phase 4 - Construction of a Full Service Transfer Station Facility</b>							
Administration and Execution Requirements	Bonds, insurance, Mobilization, Demobilization, Temporary Controls and Closeout	lump sum	1	\$85,000.00		\$85,000	\$ 85,000
Site Preparation	Grading	cubic metres	16,500	\$15.00		\$247,500	\$ 247,500
	Supply, place and compact sub-base granular fill 300mm	tonne	5,000	\$20.00	\$50,000.00	\$50,000	\$ 100,000
	Supply, place and compact base granular fill 150mm	tonne	2,500	\$30.00	\$37,500.00	\$37,500	\$ 75,000
Transfer Station Building	Excavation and Backfill	lump sum	1	\$50,000.00		\$50,000	\$ 50,000
	Floor and foundation	lump sum	1	\$250,000.00	\$175,000.00	\$100,000	\$ 275,000
	Retaining Wall	lump sum	1	\$150,000.00	\$75,000.00	\$75,000	\$ 150,000
	Building	lump sum	1	\$200,000.00	\$140,000.00	\$60,000	\$ 200,000
	Electrical / HVAC	lump sum	1	\$150,000.00	\$75,000.00	\$75,000	\$ 150,000
	Plumbing	lump sum	1	\$50,000.00	\$30,000.00	\$20,000	\$ 50,000
	Office	lump sum	1	\$10,000.00	\$8,000.00	\$2,000	\$ 10,000
Segregation and Storage Areas	Relocate Swap Shed	lump sum	1	\$2,500.00		\$2,500	\$ 2,500
	Supply and place precast concrete median barriers	each	35	\$500.00	\$12,250.00	\$5,250	\$ 17,500
	Supply and place precast concrete lock blocks	each	125	\$300.00	\$25,000.00	\$12,500	\$ 37,500
Engineering	Excavation and Backfill	lump sum	1	\$5,000.00		\$5,000	\$ 5,000
	Construction Inspection	lump sum	1	\$150,000.00		\$150,000	\$ 150,000
Phase 4 - Subtotal							\$ 1,605,000
Subtotal							\$ 1,785,000
Contingency (20%)							\$ 321,000
<b>Total (Excluding HST)</b>							<b>\$ 2,106,000</b>



REVISE		DATE	DESCRIPTION
NO.	DESCRIPTION		

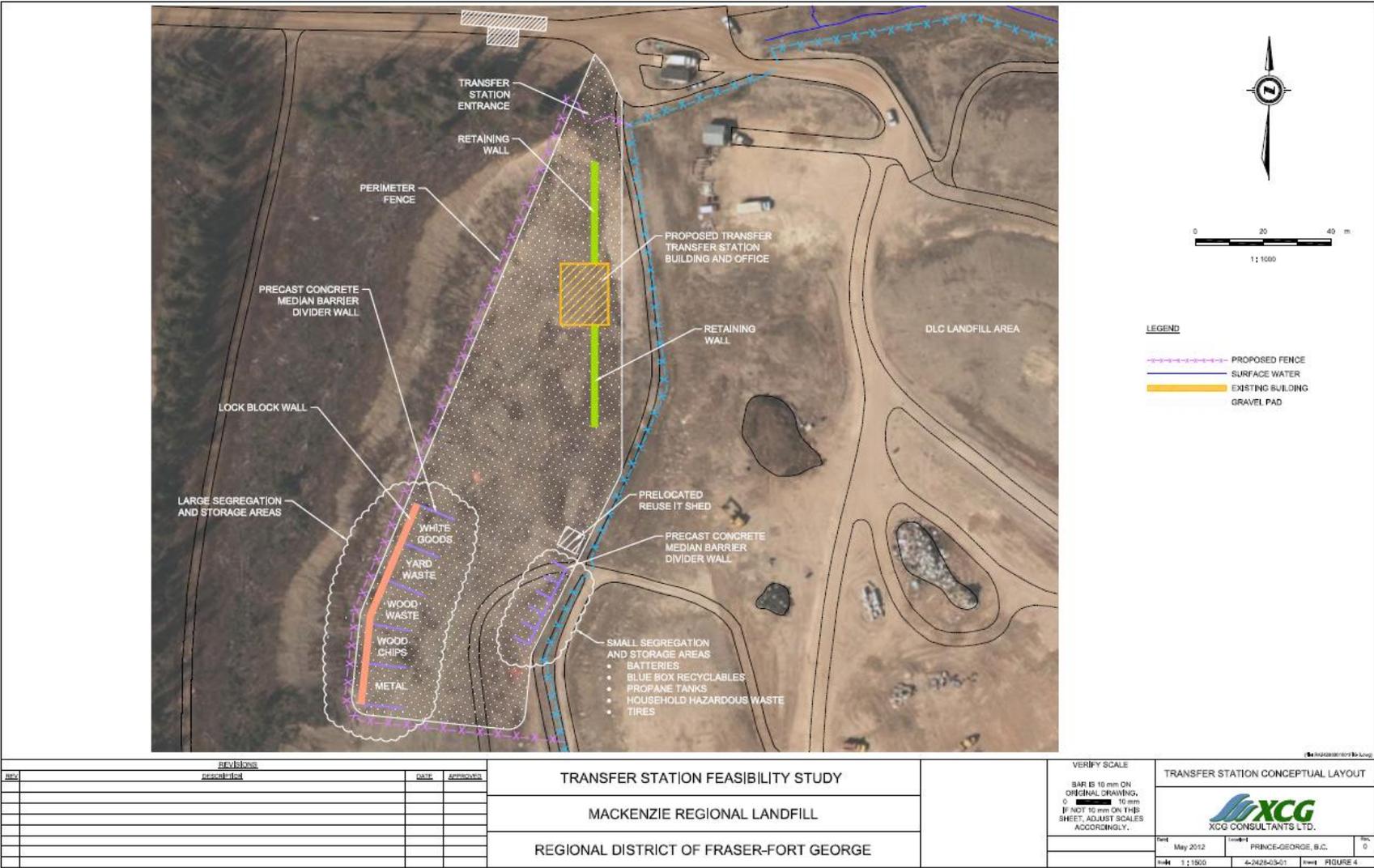
**TRANSFER STATION FEASIBILITY STUDY**

**MACKENZIE REGIONAL LANDFILL**

**REGIONAL DISTRICT OF FRASER-FORT GEORGE**

VERIFY SCALE  
 BAR IS 10 mm ON ORIGINAL DRAWING. IF NOT 10 mm ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

<b>EXISTING CONDITIONS</b>		
DATE: May 2012	PROJECT: PRINCE-GEORGE, B.C.	SHEET: 0
SCALE: 1:1500	PROJECT NO: 4-2426-03-01	SHEET: FIGURE 3



REV	DESCRIPTION	DATE	BY	CHKD

**TRANSFER STATION FEASIBILITY STUDY**

**MACKENZIE REGIONAL LANDFILL**

**REGIONAL DISTRICT OF FRASER-FORT GEORGE**


VERIFY SCALE  
 BAR IS 10 mm ON ORIGINAL DRAWING. IF NOT 10 mm ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

**TRANSFER STATION CONCEPTUAL LAYOUT**

Date	May 2012	Drawn	PRINCE-GEORGE, B.C.	Rev.	0
Scale	1:1500	Sheet	4-2428-03-01	FIGURE 4	