

**Mackenzie Regional Waste Management Commission
Mackenzie Regional Landfill
Cell 5 Development - Phase I Earthworks**

SCHEDULE "A" - PRICE SCHEDULE
ADDENDUM NO. 1

Item	Description	Reference Specification	Unit	Approx. Quantity	Unit Price	Amount
1.0	Division 1 and General Requirements		Lump Sum	1	\$ _____	\$ _____
	Includes:					
	- Survey					
	- Mobilization and Demobilization					
	- Testing					
	- All Other Works for Design Intent					
2.0	Clearing and Grubbing	31 11 00				
	- Clearing, Grubbing and Mulching in place		m ²	74,300	\$ _____	\$ _____
3.0	Topsoil Stripping and Stockpiling	31 14 13				
	- Strip and stockpile topsoil		m ³	11,100	\$ _____	\$ _____
4.0	Rough Grading	31 23 13				
	- Common Excavation including cost of 10,500 m ³ of bulk filling		m ³	74,300	\$ _____	\$ _____
	- Segregation of clay liner material					
	- Stockpiling of excavated soil material					
5.0	Culverts	31 22 23				
	- 600 mm Dia. CSP culverts		m	35	\$ _____	\$ _____
TOTAL SCHEDULE "A" (EXCLUDING GST)					\$ _____	

Minutes of Meeting

Date of Meeting	August 09, 2017	Start Time	2:00 P.M.	Project Number	60547015
Project Name	Mackenzie Regional Landfill Cell 5 Development – Phase I Earthworks				
Location	Mackenzie Regional Landfill				
Regarding	Pre-Tender meeting				
Attendees	Laurie Denison (MPO Oilfield), Neil Hart (Winter Corridor Mulching), Mark Smith (PME Inc.), Joel Miller/Shane (Dechant Construction), George Whissell (Whissell Enterprises Inc.), Carbs Brandon (Plains Contractors), Oj Blanchette/Barry Andrews (Pinnacle Services), Michel Pelchat (MDP Oilfield Services), Larry Curve (Prairie North Construction), Muhammad Khalil(AECOM Canada Limited), Bruce Underhay (Mackenzie Regional Landfill)				
Distribution	APC website				
Minutes Prepared By	Muhammad Khalil (AECOM Canada Limited)				

	Action
<ul style="list-style-type: none"> • Schedule: <ul style="list-style-type: none"> .1 Tender closing on 15 August 2017 at 2:00 P.M. .2 Deliver completed bids to Landfill scale office or email to addresses provided in Tender Documents. .3 Bid delivered through courier service shall be sent to the following address: <ul style="list-style-type: none"> Mackenzie Regional Waste Management Commission C/O Town of High Level, 10511 103 St, High Level, AB T0H 1Z0 .4 Cell 5 Development Phase I Earthworks completion date is 18 September 2017 .5 Phase II to start immediately after Phase I completion on 18 September 2017 	
<ul style="list-style-type: none"> • Work Included: <ul style="list-style-type: none"> .1 Cell 5 development has been divided into Phases I and II. Phase I Earthworks includes: <ul style="list-style-type: none"> - Clearing, mulching and grubbing. - Topsoil stripping and stockpiling. - Cell 5 base and perimeter berms construction. - Stormwater management ditches and culverts installation. - Access road construction. - Truck turnaround construction. - Access ramp construction. 	

<ul style="list-style-type: none"> - Leachate Sump ramp construction. - Leachate Pond and perimeter berms construction. - Excess soil stockpiling. - Segregation and stockpiling of excavated material into discrete stockpiles including liner grade clay, soil and topsoil materials. <p>Phase II of Cell 5 development is comprised of the following:</p> <ul style="list-style-type: none"> - Liner system including 600 mm thick compacted clay liner and High Density Polyethylene Geomembrane Liner. - Leachate collection system. <p>.2 Cell 5 development is to be completed in 2017.</p>	
<ul style="list-style-type: none"> • Groundwater and Existing Groundwater Monitoring Wells <ul style="list-style-type: none"> .1 Existing MW16-02 groundwater monitoring well indicates groundwater approximately 3 to 3.5 m below ground surface. Test pit TP 17-01 advanced to approximately 7.0 m below ground surface in the south east corner of Cell 5 base does not indicate presence of groundwater. .2 No competent groundwater was observed in TP 17-01 during observation completed over one month time period. .3 Perched groundwater cannot be discounted and may require groundwater management if encountered during construction. .4 All existing groundwater monitoring wells are to be protected during construction. 	
<ul style="list-style-type: none"> • Survey <ul style="list-style-type: none"> .1 Contractor is responsible for construction stakeout, intermediate surveys and construction surveys. .2 Owner responsible for original ground and as-built surveys. .3 Landfill site utilizes local coordinate system. UTM coordinates for the existing benchmarks available for the use of the Contractor. .4 AECOM to provide design surfaces as well as construction control points for construction purposes. 	
<ul style="list-style-type: none"> • QA/QC Testing <ul style="list-style-type: none"> .1 AECOM to develop QA/QC points at 20 m grid nodes for confirming grade elevations. Finished subgrade surface is to be surveyed at these points and elevations confirmed. .2 Contractor is required to confirm that the design grade elevations have been achieved prior to notifying the Owner for the final as-built survey. .3 Owner will complete as-built surveys to ensure design grades are achieved. .4 AECOM representative will be present onsite to complete compaction testing during fill placement. 	
<ul style="list-style-type: none"> • Addendum <ul style="list-style-type: none"> .1 An addendum will be issued that will include pre-tender meeting minutes, updates to the specification sections and revised Schedule A. 	

<ul style="list-style-type: none">• Others.1 Existing trees located in the landfill development area are to be cleared and mulched in place..2 Mulch present over the topsoil is to be intermixed with the stripped topsoil and stockpiled in the designated soil stockpile area..3 Strip and stockpile topsoil from the area of the proposed soil stockpile..4 No construction equipment is allowed to enter Cells 1 to 4..5 The Contractor shall ensure that construction activities onsite do not create any form of hindrance for the normal operation of the landfill.	