



Item	Payment Reference	Description	Unit	Qty	Rate (R)	Amount (R)
		<b><u>BILL NO 3</u></b> <b><u>LEACHES BAY</u></b>				
		<b><u>EARTHING</u></b>				
		Extend the existing Sub- station's earthgrid to cover the Sub- Equipment Earth Tails (50x3mm - 1.38kg/m)				
3.1		.1 Supply	m	10		
3.2		.2 Install	m	10		
		<b><u>11 kV Switchgear panels</u></b>				
3.3		.1 Supply	ea	4		
3.4		.2 Install	ea	4		
		<b><u>PRIMARY PLANT -INDOOR</u></b>				
		Supply & installation of complete switchboard including all inter- panel connections, busbars and bus wiring; switchboard consisting of:				
		<b><u>11kV 1250A Circuit Breaker (outgoing feeders)</u></b>				
3.5		.1 Supply	ea	4		
3.6		.2 Install	ea	4		
		<b><u>11kV 1250A Circuit Breaker 's 320mm Deep extention box</u></b>				
3.7		.1 Supply	ea	4		
3.8		.2 Install	ea	4		
		<b><u>CONTROL PLANT</u></b>				
		Design, supply and install all protection, metering, control, telecom- munication, AC/DC and security systems: Panels to be fully equipped with all relays, switches, indication lamps, mimic display, terminals, fuses, links and all other equipment required for the HV and MV protection and control system as generally specified and indicated for HV & MV plant on the drawings. Supply, delivery & installation of control panels, including all connections, inter-panel cabling, complete testing and commissioning to ensure a fully functional system				
		<b><u>MV Feeder Protection Scheme (Differential as Main, OC/EF as Backup): related works for control of 11 kV CB panel</u></b>				
3.9		.1 Supply	lot	4		
3.10		.2 Install	lot	4		
Carried Forward						

			Brought Forward		
		<u>Make a provision for the Update of Tariff metering (Wireconn modules with ABB meters) to integrate the energy through the new 2 feeder panels</u>	Sum	4	
		<u>Cable wiring to supply new Panels from existing AC/DC Board (using spare AC and DC supplies) or BTU</u>			
3.12		.1 Supply	lot	2	
3.13		.2 Install	lot	2	
		<b><u>MISCELLNEOUS</u></b>			
		<u>110mm 6m PE pipe/sleeve, include sealing and draw wires</u>			
3.14		.1 Supply	m	2	
3.15		.2 Install	m	2	
3.16		<u>Earth continuity test between structure and earthgrid</u>	item	4	
		<u>Equipment labels</u>			
3.17		.1 Supply	lot	4	
3.18		.2 Install	lot	4	
		<u>Make-off 11 kV 240mm<sup>2</sup> three core Cu XLPE cable indoor shrouded termination</u>			
3.19		.1 Supply	ea	12	
3.20		.2 Install	ea	12	
3.21		<u>Truck (1 Ton)</u>	km	300	
3.22		<u>4 x 4 LDV</u>	km	300	
3.23		<u>Other please specify:</u>	item	1	
		<b><u>BILL NO 3</u></b> <b><u>LEACHES BAY</u></b>			
<b>Carried forward to Summary of Bills</b>			<b>Total</b>		