

**PROPOSED ABOLUTION BLOCKS AT NGONG ROAD MARKET
ELECTRICAL INSTALLATION WORKS**

ITEM	DESCRIPTION	QTY	UNIT	RATE	KSHS
	Suppy, install, test and commission the following:				
1.00	Lighting points wired in 3x1.5 mm ² SC PVC copper cables drawn in conduits concealed in building fabric including all accessories but without lighting switches and fittings for:				
	a) One way switching	30	No.		
1.01	10A lighting switches ivory type as MK or approved equivalent:				
	a) Two gang one way	1	No.		
	b) Three gang one way	1	No.		
1.02	Lighting fittings complete with appropriate rated lamps as follows:				
	a) 18W surface mounted LED Ceiling light 150mm in diameter as Superlite or approved	20	No.		
	b) 1200mm, 3120 lm, 28W, 4000K LED Batten Luminaire as Thorn Poppark LED Batten	3	No.		
	c) Self-contained exterior bulkhead with 3x8W Cast aluminium body and opal polycarbonate diffuser. IP65.	7	No.		
1.03	Socket outlet points in ring mains wired in 3x2.5 mm ² SC PVC copper cables drawn in 25mm dia HG PVC conduits	2	No.		
1.04	13A switched socket outlet plates ivory type as MK or approved equivalent as follows:				
	a)Twin switched	2	No.		
1.05	Hand drier powerpoints comprising wiring in 3x4mm ² PVC/SC/CU cables drawn in 25mm Dia HG/PVC conduit complete with all necessary accessories	2	No.		
1.06	20A D.P switch ivory type as MK or approved equivalent	2	No.		
	POWER SUPPLY				
1.07	6-way SPN Consumer Unit as CRABTREE, Flush mounted, complete with 1No. 100A TP/N integral isolator.	1	No.		
	Sub- Total C/F to the Next Page				

ITEM	DESCRIPTION	QTY	UNIT	RATE	KSHS
	Sub- Total B/F from the Last Page				
1.08	Supply and install the following circuit breakers for item above as Crabtree or approved equivalent;				
	a) 10Amp SP MCB	2	No.		
	b) 30Amp SP MCB	1	No.		
	c) 20Amp SP MCB	2	No.		
	d) 50Amp SP MCB	1	No.		
	e) Blanking for spare	1	No.		
1.09	250 X250 X 150mm G.I Fully Recessed Power Adaptable Box	2	No		
1.10	2-core 10 sq. mm PVC/SWA/PVC copper cable complete with 32mm diameter HG PVC conduits from the Meterboard to the Consumer Unit	40	LM		
	i) Cable glands for above cable	2	No.		
1.11	Trenching at an average of 450mm wide by 750 mm deep laying, tilling using 'HATARI' concrete tiles, including tape and backfilling	40	Lm		
1.12	Complete Earthing and bonding to the installations to IEE regulations	1	Item		
1.13	600mm x 600mm Concrete power manhole complete with cover for drawing the KPLC underground cables	2	No		
1.14	Allow for testing the whole of the installation in accordance with the Technical Specifications	1	Item		
	Sub- Total for 1 No. Ablution Block				
	Multiply by Two (2) for 2 No. Ablution Blocks			X 2	
	TOTAL CARRIED TO GRAND SUMMARY				