

ITEM No	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
Bill No. 1 : PRELIMINARY AND GENERAL PROVISIONS					
1.1	Site Establishment	sum	1		
1.2	Site Supervision, by a qualified and registered electrician	sum	12		
1.3	Site De-establishment	sum	1		
1.4	Water and Electricity	sum	12		
1.5	Ablution Fascilities	sum	12		
1.6	Nett price for complience with the Conditions of Contract	sum	12		
	Preliminaries and general required to comply with the conditions of contract and all regulations governing this contract				
1.7	Resistivity Tests	sum	1		
1.8	OCCUPATIONAL HEALTH & SAFETY	sum	1		
	Allowamce for Compliance with Construction Regulations, as detailed in Occupational Health & Safety Act (OHS), Act 85 of 1993, Submission of a (OHS) plan and all applicable documentation, to the client's satisfaction				
1.9	Supply Operational and Mantainance manuals with as built drawings and train minimum of 5 people at handover.	sum	1		
1.1	DEFECTS LIABILITY	sum	1		
	in Equipment, Material and Workmanship as set out elsewhere, but excluding abuse, wear and tear and normal				
SUB TOTAL CARRIED TO SUMMARY					-

ITEM No	DESCRIPTION		UNIT	QTY	RATE	AMOUNT
	Bill No. 2 : APARTMENTS					
	<u>COMMPLETE INTERNAL ELECTRICAL INSTALLATION</u>					
	Small Power and Lighting					
2.1	Switched Socket Outlets					
2.1.1	2 x USB (Type-A), RSA (164-1) and Slimline (164-2) , Dual satellite sockets, brushed	Material	ea	100		
	stainless steel	Labour	ea	100		
2.1.1	Diamond Shaver Socket 220V/110V on 2x4 Yoke with Coverplate	Material	ea	20		
		Labour	ea	20		
2.1.2	4mm ² PVC Insulated Copper Conductor	Material	m	2400		
		Labour	m	2400		
2.1.3	4mm ² Bare Copper Eearth Wire	Material	m	800		
		Labour	m	800		
2.1.4	Access Control and Intercom system (R60 000)	Material	sum	100%		
	Profit and attendance	Markup	%			
2.1.5	CCTV Installation (R75 000)	Material	sum	100%		
	Profit and attendance	Markup	%			
2.1.6	Fire Detection System and Evacuation System (R75 000)	Material	sum	100%		
	Profit and attendance	Markup	%			
2.1.7	Fiber Optic Back-bone Structured Cabling (R75 000)	Material	sum	100%		
	Profit and attendance	Markup	%			

2.1.8	Supply and install of 15KW 3-Phase Hybrid Inverter, Huawei 15kW Inverters or similar	Material	m	5.00		
	PV modules , Canadian Solar, JA Solar, Jinko or similar all in working condition	Labour	m	5		
2.1.9	MDB 60A DOUBLE POLE Electrical Distribution Board	Material	m	5		
		Labour	m	5		
2.6	Low Voltage Cables					
2.6.1	25mm ² 3 core Cu PVC/SWA/PVC	Material	m	250		
	From kiosk to DBs	Labour	m	250		
	<u>Cable terminations</u>					
2.6.3	25mm ² 3core Cu PVC/SWA/PVC	Material	ea	5		
		Labour	ea	5		
	<u>Earth Wire</u>					
2.6.5	16mm ² 4core Cu PVC/SWA/PVC	Material	m	250		
		Labour	m	250		
2.2	<u>Light Fittings</u>					
2.2.1	36W,5220lm LED panel 600mm*600mm, Recessed, surface mounted or suspended.	Material	ea	10		
	The luminaire shall bear the SANS 60598-2-1 safety mark and shall have an ingress protection of IP20 in compliance with SANS 60598-2-1, certified by an SABS test report. Study room	Labour	ea	10		

2.2.2	36W, 3308lm, 930 mm, LED Beam with linear compartment of IP 65.	Material	ea	30		
	Comply with SANS 55015:2013/A1:2015, all certified by a SABS test report. Kitchens,sculery, pantry, garage,	Labour	ea	30		
2.2.3	36W, 5740lm, LED, Wall mounted Bulkhead, lamp compartment to be of IP 66. Comply with SANS 60598, SANS 62262, all certified by a SABS test report. Wall mounted, exterior lighting	Material	ea	90		
		Labour	ea	90		
2.2.4	LED 15W, bulkhead Luminaire with SANS 60598-2-1 safety mark.	Material	ea	30		
	The IP rating is certified by an SABS test report. Bathrooms	Labour	ea	30		
2.2.5	23W, 3282lm, Circular aluminium reflector LED downlight, recessed,	Material	ea	100		
	Bear the SANS 60598, certified by SABS, Lounges, Dinning, Living rooms,	Labour	ea	100		
2.2.6	23W, 3282lm, Circular aluminium reflector LED downlight, surface mounted	Material	ea	60		
	The luminaire shall bear the SANS 60599, certified by an SABS, Bedrooms	Labour	ea	60		
2.2.7	2.5mm ² PVC Insulated Copper Conductor	Material	m	4608		
		Labour	m	4608		
2.2.8	2.5mm ² Bare Copper Eearth Wire	Material	m	4608		
		Labour	m	4608		
2.2.9	60mm diameter round draw box with draw wire	Material	ea	320		
		Labour	ea	320		

2.2.10	20mm dia PVC conduit chased into brickwall and	Material	m	512		
	surface installed complete	Labour	m	512		
SUB TOTAL CARRIED FORWARD TO NEXT PAGE						
ITEM No	DESCRIPTION		UNIT	QTY	RATE	AMOUNT
	SUB TOTAL BROUGHT FORWARD					
2.3	Lighting Control Lighting Panels and Switches					
2.3.1	16 Amp 1 lever 1-way, light switch with cover plate	Material	ea	80		
	installed in draw box	Labour	ea	80		
2.3.1	16 Amp 1 lever 2way, light switch with cover plate	Material	ea	60		
	installed in draw box	Labour	ea	60		
2.3.1	16 Amp multiple levers light switch with cover plate	Material	ea	20		
	installed in draw box	Labour	ea	20		
2.3.1	Lighting Control and Energy Management system	Material	ea	5		
	installed in draw box	Labour	ea	5		
2.3.2	2.5mm ² PVC Insulated Copper Conductor	Material	m	4950		
		Labour	m	4950		

2.3.3	2.5mm² Bare Copper Eearth Wire	Material	m	1650		
		Labour	m	1650		
2.3.4	100mm x 50mm x 50mm draw box with draw wires	Material	ea	165		
		Labour	ea	165		
2.3.5	20mm dia PVC conduit chased into brickwall or surface	Material	m	1650		
	installed complete	Labour	m	1650		
2.5	<u>Appliances</u>					
2.5.1	16 Amp 250V photocell in an empty bulk head luminaire	Material	ea	30		
	Type B	Labour	ea	30		
2.5.2	Earthing and lighting protection, submitt certificate	Material	m	5		
		Labour	m	5		
2.5.2	30A Gyeser & Stove isolator	Material	m	10		
		Labour	m	10		

2.5.3	AIR CONDITONING SYSTEM, 9000 BTU, inverter split units with occupancy/motion sensor,	Material	ea	25		
	all wired to DB Installed into a complete working condition with isolators	Labour	ea	25		
2.5.3	AIR CONDITONING SYSTEM, 12000 BTU, inverter split units with occupancy/motion sensor,	Material	ea	5		
	all wired to DB Installed into a complete working condition with isolators	Labour	ea	5		
2.5.4	Earthing, bonding and lighting protection, submitt certificate	Material	ea	5		
		Labour	ea	5		
2.5.5	GAS PIPING	Material	m	5		
		Labour	m	5		
2.5.6	EMERGENCY GAS VALVE	Material	ea	5		
		Labour	ea	5		
2.5.7	GAS POINTS	Material	ea	10		
		Labour	ea	10		
2.5.8	DOUBLE 2 VAPOUR MANIFOLD	Material	ea	5		
		Labour	ea	5		

2.5.9	LOW PRESSURE REGULATOR	Material	ea	5		
		Labour	ea	5		
2.5.10	STEEL CAGE, CONSUMABLES	Material	ea	5		
		Labour	ea	5		
2.5.11	SIGNAGE	Material	ea	5		
		Labour	ea	5		
2.5.12	48KG GAS CYLINDER	Material	ea	10		
		Labour	ea	10		
2.5.13	300l High Pressure solar geyser System complies with SANS	Material	ea	5		
	Supply and commissioning	Labour	ea	5		
	SUB TOTAL CARRIED TO SUMMARY SHEET					

PARLIAMENTARY VILLAGE DEVELOPMENT :SUMMARY OF BILL OF QUANTITIES		
ITEM No	DESCRIPTION	AMOUNT
BILL NO 1	Bill No. 1 : PRELIMINARY AND GENERAL PROVISIONS	
BILL NO 2	Bill No. 2 : APARTMENTS	
SUB TOTAL 1		
CONTIGENCY @ 5%		
TOTAL		
VAT 15%		
TOTAL		
Contractor's details		
NAME		
ECB NO.		
D.O.L NO.		
WIREMAN'S LICENCE NO.		
SIGNATURE		