

S/N	ITEMS	SPECIFICATION	BRAND	ORIGIN	WARRANTY	UNIT	QTY	UNIT RATE	AMOUNT
1	Solar panels	400W 54V monocrystalline panel				PCS	30		
2	Solar rails	Aluminium rails with accessories				Sets	8		
3	Solar combiner box	4way combiner box 125A				PCS	3		
4	Solar MC4 connectors	Double connectors				Sets	8		
5	Solar MC4 connectors	Single				Sets	16		
6	Charge controller	70A/150V MPPT				PCS	3		
7	Inverter	7KW/48V Pure sine wave 230V/50Hz, With Remote control				PCS	1		
8	Battery	12V/220AH sealed-lead acid with accessories				PCS	12		
9	Battery rack	Gavalnized iron stand				PCS	1		
10	Battery disconnects	DC disconnect 160A- 200A				PCS	1		
11	Output breaker	63A 2pole breaker				PCS	2		
12	PVC box	6way box				PCS	1		
13	Changeover switch	100A Changeover switch				PCS	1		
14	Distribution board	8 blocks DB				PCS	1		
15	Solar connection cable	6mm 2core flexible cable				meters	150		

16	Combiner to charge controller cable	16mm flexible cable				meters	40		
17	Charge controller to battery cable	35mm flexible cable				meters	40		
18	Battery to inverter cable	50mm flexible cable				meters	25		
19	Busbar collector	400A busbar with conduit box				meters	1		
20	Inverter AC to changeover and DB cable	16mm flexible cable				meters	30		
21	Load cables	2mm hardcore cable				Roles	1		
22	Conduit pipes/thrunking	25mm-100mm				LOTS	10		
23	Earth rod	3 fits 100% coper				PCS	1		
24	Earth cable	4mm single core				meters	10		
25	Earthing accessories	Mat/Salt				PCS	1		
26	Material cost								
27	Installation/logistics cost								
28	Total project cost								