

**Technical Specifications for Goods:**

<b>4KW SOLAR POWER SYSTEM</b>								
<b>S/N</b>	<b>Items</b>	<b>Specification</b>	<b>Unit</b>	<b>Qty</b>	<b>Brand</b>	<b>Country of Origin</b>	<b>Unit Price</b>	<b>Total Price</b>
1	Inverter	4KW/48V Pure sine wave 230V/50Hz, with remote	PCS	1				
2	Solar panels	350W 24V Monocrystalline	PCS	12				
3	Charge controller	150V/70A MPPT	PCS	1				
4	solar cables	6mm 2core flexible cable	PCS	100				
5	Solar combiner box	3Way 1000V	PCS	1				
6	Solar mount	Solar car port 4x6x8m with galvanized construction	PCS	1				
7	Charge controller to battery cable	35mm flexible	PCS	10				
8	Solar connectors	MC4 connectors sets	PCS	12				
9	Battery	12V/200AH sealed-lead acid with accessories	PCS	8				
10	Battery rack	Galvanized iron stand	PCS	1				
11	Battery disconnects	DC disconnect 160A	PCS	1				

12	Output breaker	63A 2pole breaker	PCS	3				
13	AC Surge protector	415V single pole	PCS	1				
14	PVC box	8way box	PCS	1				
15	Changeover switch	100A Changeover switch	PCS	1				
16	Distribution board	8 blocks DB	PCS	1				
17	Battery to inverter cable	35mm flexible cable	meters	20				
18	Inverter to changeover and DB cable	6mm single flexible cable	meters	150				
19	Load cables	1.5mm hardcore cable	Roles	3				
20	Wall Sockets	13Amps 2ways	PCS	8				
21	Conduit pipes	25mm-50mm	Bundle	2				
22	Earth rod	3 fits 100% coper	PCS	3				
23	Earth cable	4mm single core	meters	50				
24	Earthing accessories	Mat/Salt	PCS	2				
25	AVR	8KVA single phase AVR	PCS	1				
	<b>Total Material Cost</b>							
	<b>Total Project Cost</b>							

