4KW INVERTER OFFGRID								
Items	**Specifications**	**Brand**	**Country of Origin**	**Unit**	**Qty**	**Warranty Period**	**Rate**	**Amount**
Solar panels	400W 24V monocrystalline panel			PCS	20			
Solar rails	Aluminium rails with accessories			Sets	5			
Solar combiner box	4way combiner box 125A			PCS	2			
Solar MC4 connectors	Double connectors			Sets	12			
Solar MC4 connectors	Single			Sets	20			
Charge controller	70A/150V MPPT			PCS	2			
Inverter	4KW/24V Pure sine wave 230V/50Hz			PCS	1			
System control panel	Specification for inverter			PCS	1			
AC & DC Distribution panel	Specification for inverter			PCS	1			
Battery	12V/200AH sealed-lead acid with accessories			PCS	6			
Battery rack	Gavalnized iron stand			PCS	1			
Battery disconnects	DC disconnect 160A-200A			PCS	1			
In/Output breaker	63A 2pole breaker			PCS	2			
Surge protector	AC surge protector single phase			PCS	1			
PVC box	8way box			PCS	1			
Changeover switch	32A Changeover switch			PCS	1			
Distribution board	10 blocks DB			PCS	1			
Solar connection cable	6mm 2core flexible cable			meters	120			
Combiner to charge controller cable	16mm flexible cable			meters	20			
Charge controller to battery cable	35mm flexible cable			meters	10			
Battery to inverter cable	35mm flexible cable			meters	10			
Inverter to changeover and DB cable	6mm flexible cable			meters	80			
Trunking/conduiting	25mm-100mm			LOT	4			
Earth rod	3 fits 100% coper			PCS	2			
Earth cable	4mm single core			meters	50			
Earthing accessories	Mat/Salt			PCS	2			
MATERIAL COST ESTIMATE								
INSTALLATION COST								
TOTAL PROJECT COST								