



# Energy Matrix (Pvt)Ltd.

## “Your Future with Solar”

### Quotation For 50-KW 3Phase ON-GRID Normal Solar System

KW

**49.88**

Solar Yield ~ MWhr / Yr **83.00032**

No		SPECS	Qty.
1	Growat Ongrid inverter with 05 years warranty	50 KW	1
2	SOLAR PANELS A Grade TUV certified , ISO 9001 , Conformance to EN 61215 EN 61730; ( Nano Coating for Antidusting ) Tier 1 JINKO N type /Canadian N Type / Longi Himo 7	560-590 watt	86
3	Special aluminium structure 2.2 mm with SS nut bolts	For 50 KW	43
4	Panels DC wiring TUV , combiners boxes	For 50 KW	1
5	WIRING & Circuit breakers , conduits , etc	For 50 KW	1
6	Designing and installation	For 50 KW	1
7	Transportation and Labour within city	For 50 KW	1
8	Concret blocks with +3000 PSI and 25 years life	For 50 KW	1
9	One year after sales services	For 50 KW	1
10	Net metering material, services, speed money, Gov fees etc	For 50 KW	1

Space required :

**5985.6 sq feet**

System Weight :

**14964 Kg ( ~ 3 Kg / sq ft )**



### B.O.Q

Sr. No	Description		
1	LONGI HIMO 7/Jinko N Type /Canadian Solar N type 6 565-590-Wp Mono PERC Crystalline or Equivalent Solar Panel Tier 1 Manufacturer of A-Grade Panels data sheet attached	As per quote	
2	G.I sheet 14 guage with MS nut bolts	As per quote	
3	SOLIS/Growatt with 05 years warranty	As per quote	
4	DC Circuit Breaker Solar 100V/62A, CNC or Equal		1 Lot
5	SPD , Disconnect switch,Fuses etc CNC or equal		
6	Change Over Switch 40A-100A Made in China		
7	Distribution Box (Iron D.B.) Local fabricated 16 guage A grade		
8	AC Circuit Breaker Input 230V/63A, CNC or Equivalent		
9	AC Circuit Breaker Output 230V/40A, CNC or Equivalent		
10	PV Connector MC4		
11	PV Connector Y2		
12	Cable Duct as per requirement		
13	PVC Pipe, Joint, Elbow and Connectors ( As required) Popular		
14	Flexible Cable 4 mm2 for Solar, Tin coated especially designed fo solar projects double pvc		1 Lot
15	Flexible Cable 16 mm2 for Earthing Imported or equivalent		
17	Traansportataion and material handling		
18	Miscllaneous items for execution		1 Job
	Note. B.O.Q is tentative and may varies as per the site		