



# Energy Matrix (Pvt)Ltd.

## “Your Future with Solar”

### Quotation For 20-KW 3Phase ON-GRID Normal Solar System

KW

30.16

Solar Yield ~ MWhr / Yr 50.18624

No		SPECS	Qty.
1	SOLIS/Growat ongrid inverter with 05 years warranty	25 kW	1
2	SOLAR PANELS A Grade TUV certified , ISO 9001 , Conformance to EN 61215 EN 61730; ( Nano Coating for Antidusting ) Tier 1 LONGi HIMO 6 with all documents	535 watt	52
3	G.I 14 guage structure on rooftop	For 30 KW	26
4	Panels DC wiring TUV , combiners boxes	For 30 KW	1
5	WIRING & Circuit breakers , conduits , etc	For 30 KW	1
6	Designing and installation	For 30 KW	1
7	Special Concrete blocks +3000 PSI and 25 years of life	For 30 KW	1
8	Transportation and Material handling within city	For 30 KW	1
9	One year after sales services	For 30 KW	1
10	Net metering material,services,speed money,Gov fees etc		
<b>Rs.</b>			

Space required :

3619.2 sq feet

System Weight :

9048 Kg ( ~ 3 Kg / sq ft )



### B.O.Q

Sr. No	Description		
1	LONGI HIMO 6 X 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		