



Energy Matrix (Pvt)Ltd.

“Your Future with Solar”

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

KW

20

Solar Yield ~ MWHr / Yr 32.81408

No		SPECS	Qty.
1	SOLIS/Growat ongrid inverter with 05 years warranty	15 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	540-590 watt	34
3	G.I 14 guage structure on rooftop	For 20 KW	17
4	Panels DC wiring TUV , combiners boxes	For 20 KW	1
5	WIRING & Circuit breakers , conduits , etc	For 20 KW	1
6	Designing and installation	For 20 KW	1
7	Special Concrte blocks +3000 PSI with 25 years life	For 20 KW	1
8	Transportation and Material handling within city	For 20 KW	1
9	One year after sales services	For 20 KW	1
10	Net metering material, services, speed money, Gov fees etc	For 20 KW	1

Space required :

2366.4 sq feet

System Weight :

5916 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 mm ² for Solar, Tin coated especially designed fo solar projects double pvc	1 Lot	
15	Flexible Cable 16 mm ² 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		