

Solar Water Pumping solution with fixed structure

KW

9.28

Solar Yield ~ MWhr / Yr 15.44192

No		SPECS	Qty.
1	INVT VFD with 1 year warranty and after sales	10 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	560-590 watt	16
3	G.I sheet 14 guage with MS nut bolts	For 10 KW	8
4	Panels DC wiring TUV , combiners boxes	For 10 KW	1
5	Circuit breakers , conduits , etc	For 10 KW	1
6	Designing and installation	For 10 KW	1
7	Wiring cables etc	For 10 KW	1
8	Material handling	For 10 KW	1
9	One year after sales services	For 10 KW	1
10	Misc	For 10 KW	1

Space required :

1113.6 sq feet

System Weight :

2784 Kg ( ~ 3 Kg / sq ft )

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KW

**15.08**

Solar Yield ~ MWhr / Yr 25.09312

No		SPECS	Qty.
1	INVT VFD with 1 year warranty and after sales	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	535-545 watt	26
3	G.I sheet 14 guage with MS nut bolts	For 15 KW	13
4	Panels DC wiring TUV , combiners boxes	For 15 KW	1
5	Circuit breakers , conduits , etc	For 15 KW	1
6	Designing and installation	For 15 KW	1
7	Wiring cables etc	For 15 KW	1
8	Material handling	For 15 KW	1
9	One year after sales services	For 15 KW	1
10	Misc	For 15 KW	

Space required :

**1809.6 sq feet**

System Weight :

**4524 Kg ( ~ 3 Kg / sq ft )**

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**20**

Solar Yield ~ MWhr / Yr 32.81408

No		SPECS	Qty.
1	INVT VFD with 1 year warranty and after sales	For 20 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 sheet 14 guage with MS nut bolts	For 20 KW	17
4	Panels DC wiring TUV , combiners boxes	For 20 KW	1
5	Circuit breakers , conduits , etc	For 20 KW	1
6	Designing and installation	For 20 KW	1
7	Wiring cables etc	For 20 KW	1
8	Material handling	For 20 KW	1
9	One year after sales services	For 20 KW	1
10	Misc	For 20 KW	1

Space required : 2366.4 sq feet

System Weight : 5916 Kg ( ~ 3 Kg / sq ft )

KW

**26**

Solar Yield ~ MWhr / Yr 42.46528

No		SPECS	Qty.
1	INVT VFD with 1 year warranty and after sales	For 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	500-540 watt	44
3	G.I sheet 14 guage with MS nut bolts	For 25 KW	22
4	Panels DC wiring TUV , combiners boxes	For 25 KW	1
5	Circuit breakers , conduits , etc	For 25 KW	1
6	Designing and installation	For 25 KW	1
7	Wiring cables etc	For 25 KW	1
8	Material handling	For 25 KW	1
9	One year after sales services	For 25 KW	1
10	Misc	For 25 KW	1

Space required :

3062.4 sq feet

System Weight :

7656 Kg ( ~ 3 Kg / sq ft )

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KW

**30.16**

Solar Yield ~ MWhr / Yr 50.18624

<b>No</b>		<b>SPECS</b>	<b>Qty.</b>
1	INVT VFD with 1 year warranty and after sales	For 30 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 sheet 14 guage with MS nut bolts	For 30 KW	26
4	Panels DC wiring TUV , combiners boxes	For 30 KW	1
5	Circuit breakers , conduits , etc	For 30 KW	1
6	Designing and installation	For 30 KW	1
7	Wiring cables etc	For 30 KW	1
8	Material handling	For 30 KW	1
9	One year after sales services	For 30 KW	1
10	Misc	For 30 KW	1

Space required :

3619.2 sq feet

System Weight :

9048 Kg ( ~ 3 Kg / sq ft )

## Solar Water Pumping solution with fixed structure

KW

40.33

Solar Yield ~ MWhr / Yr 67.10912

No		SPECS	Qty.
1	INVT VFD with 1 year warranty and after sales	For 40 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	74
3	G.I sheet 14 guage with MS nut bolts	For 40 KW	37
4	Panels DC wiring TUV , combiners boxes	For 40 KW	1
5	Circuit breakers , conduits , etc	For 40 KW	1
6	Designing and installation	For 40 KW	1
7	Wiring cables etc	For 40 KW	1
8	Material handling	For 40 KW	1
9	One year after sales services	For 40 KW	1
10	Misc		

Space required :

4839.6 sq feet

System Weight :

12099 Kg ( ~ 3 Kg / sq ft )

## Solar Water Pumping solution with fixed structure

KW

49.05

Solar Yield ~ MWhr / Yr 81.6192

No		SPECS	Qty.
1	INVT VFD with 1 year warranty and after sales	50 KW	1
2	SOLAR PANELS A Grade TUV certified , ISO 9001 , Conformance to EN 61215 EN 61730; ( Nano Coating for Antidusting ) Tier 1 LONGI or JINKO	565-590 watt	90
3	G.I sheet 14 guage with MS nut bolts	For 50 KW	45
4	Panels DC wiring TUV , combiners boxes	For 50 KW	1
5	Circuit breakers , conduits , etc	For 50 KW	1
6	Designing and installation	For 50 KW	1
7	Wiring cables etc	For 50 KW	1
8	Material handling	For 50 KW	1
9	One year after sales services	For 50 KW	1
10	Misc	For 50 KW	1

Space required :

5886 sq feet

System Weight :

14715 Kg ( ~ 3 Kg / sq ft )

## B.O.Q

Sr. No	Description		
1	LONGI HIMO 6/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	INVT VFD as per Quote	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	Others material as per Quote		
17	Transportataion and material handling		
18	Miscllaneous items for execution	1	Job
	Note. B.O.Q is tentative and may varies as per the site		