



## AFM Solar System Pvt. Ltd.

GSTIN : 27AAPCA3560M1Z7

### QUOTATION

SOLAR/QTO/13-Aug-2020/001

**TO,  
VIJAY PATIL  
KUTWAD**

**SUBJECT : INSTALLATION OF SOLAR GRID TIE SYSTEM OF 3.35 KW CAPACITY**

SR NO	System Type	RATE/KW IN RS	SYSTEM CAPACITY	SYSTEM COST
1	SOLAR GRID TIE SYSTEM	61000.00	3.35 KW	204350
2	Sanctioning & Documentation Of Electricity Board (MSEB) & Netmetering	2000	3.35 KW	6700
3	Fabrication	20	3.35 KW	67
Total Cost		211050		
SGST 2.5 %		5276.25		
CGST 2.5 %		5276.25		
Project Final Cost		221602.5		

In Words : Two Lakh Twenty One Thousands Six Hundred Two Rupees And Fifty Paise

**AUTHORISED SIGNATORY  
(AFM Solar System Pvt. Ltd.)**

**Vijay Patil  
(PURCHASER)**

TO,  
VIJAY PATIL

SUBJECT : TECHNO-COMMERCIAL OFFER FOR SOLAR GRID TIE SYSTEM

**DATA RECEIVED:**

All Category	
Consumer Number	12345678
Load Sanctioned	5 KW
Unit Consumption/day Approx	3.29
Unit Consumption/month Approx	100.00
Unit Consumption/year Approx	1200.00
Mounting	Terrace

**SCOPE OF WORK:**

1	Solar Panels	:	Yes
2	Inverter	:	Yes
3	Bi Directional Meter	:	Yes
4	Battery Backup	:	No
5	Solar Energy Meter	:	Yes
6	Accessories & Electrification	:	Yes
7	Installation & Commissioning	:	Yes
8	Sanctioning & Agreement System	:	Yes
9	Made A Doccumentation	:	Yes
10	Transportation	:	Yes

**SYSTEM/DESIGN CONSIDERATION:**

11. System Capacity : 3.35 KW
- 12 Unit generation/day Approx : 15.08
- 13 Unit generation/Month : 458.53
- 14 Unit generation/year Approx : 5502.38

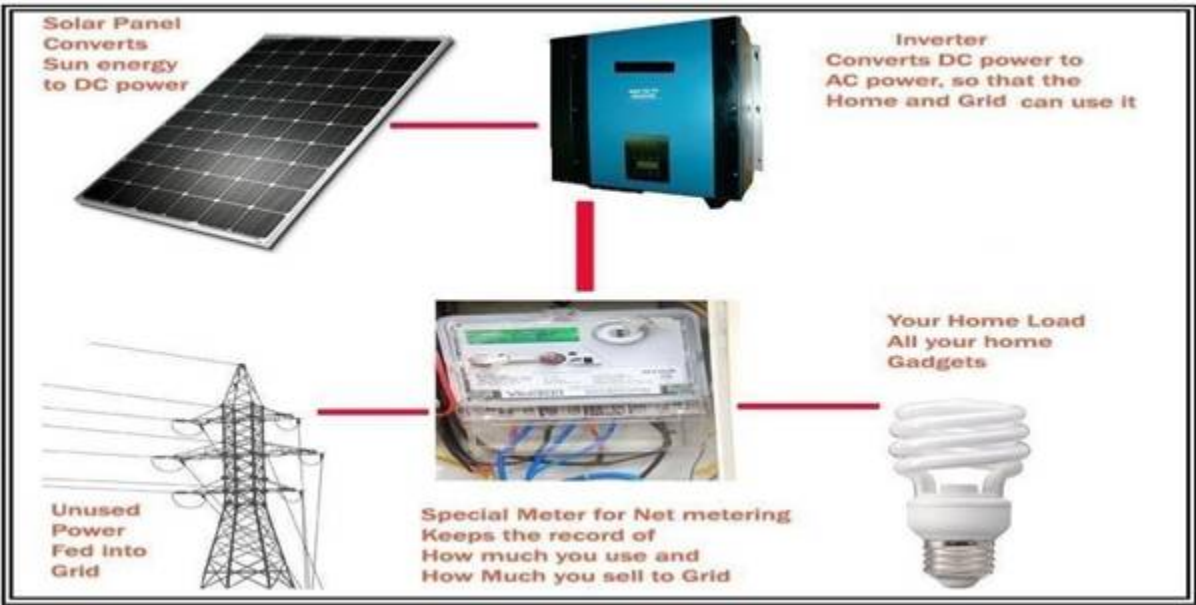
**SOLAR GRID TIE SYSTEM**

**APPROX UNIT GENERATION & PAYBACK PERIOD**

	METER-1	TOTAL
CATEGORY		
CONSUMER NO.	12345678	
SYSTEM PROPOSED (KW)	3.35	3.35
SYSTEM COST	221602.5	221602.5
SYSTEM GENERATED UNITS/YEAR	5502.38	5502.38
APPROX UNIT RATE	9.00	9.00
TOTAL REVENUE GENERATED/YEAR	49521.42	49521.42
APROX PAYBACK YEARS	4.47	4.47

\*\* APPROX ELECTRICITY UNIT RATE CONSIDERED BASED ON LAST MONTH BILL.

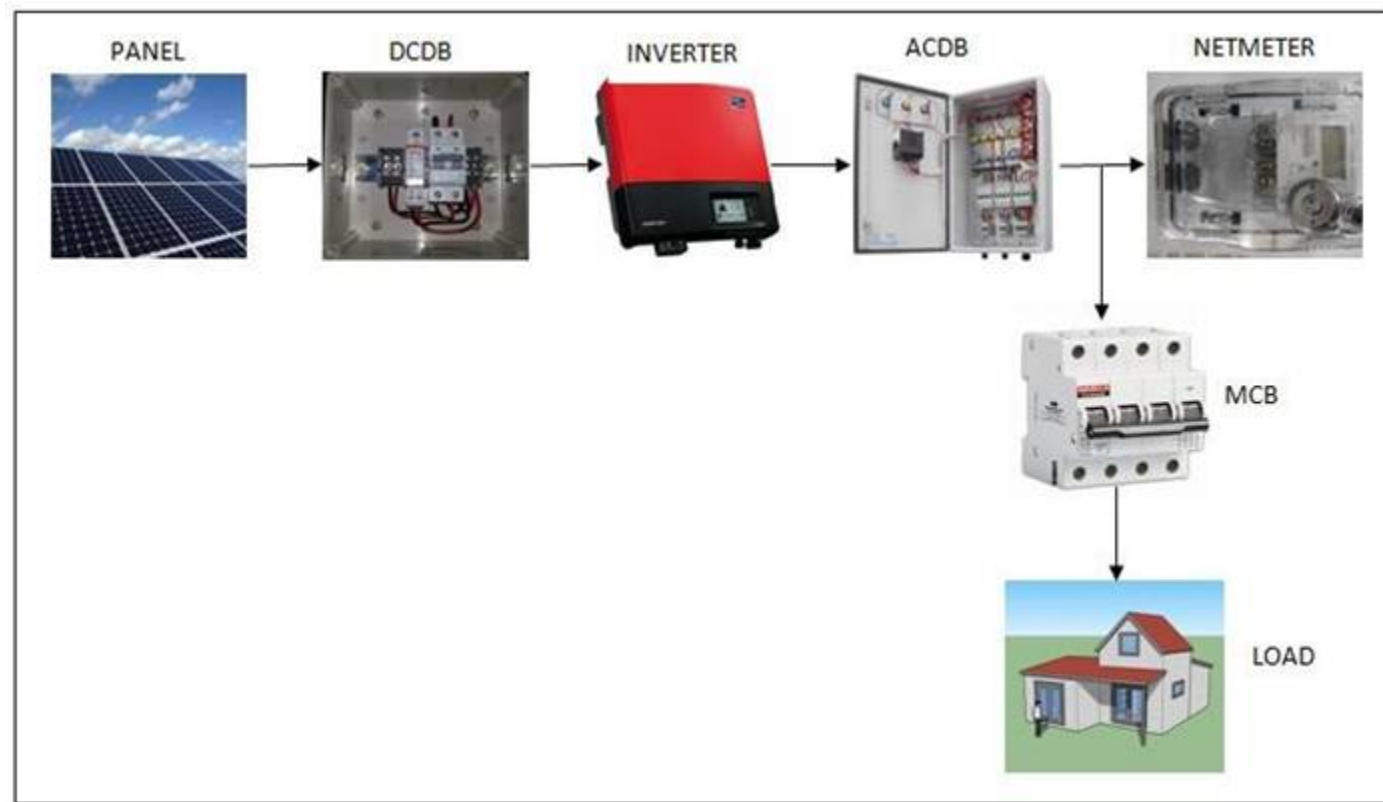
Diagram of whole system :



Distribution box (ACDB&DCDB)or string Monitoring system:(AFMMAKE) :



## How Net-Metering Works? :



Net metering is a technology introduced by the Govt. to facilitate maximum utilization of power generated by Solar power project. This enables optimum benefit of the generation to the consumer.

The power generated during the day, in excess of consumption, is pushed in to the Govt. grid resulting in the consumer creating a credit of unit which he can utilize subsequently at night or any time later. Any power generated which is not immediately utilized is credited to the account of the consumer, through the net metering process.

The settlement of the accounts can be done as per the terms of agreement of client specific DISCOMs.

OURESTEEMED SOLAR PROJECTS - INDUSTRIES, HOTELS, HOSPITALS, SCHOOL, & RESIDENTIAL		
SR NO	Customer Name	Description
1	MAULI PLASTO. OSMANABAD	450KW SOLAR POWER PROJECT
2	ROHI VILLA PALACE. KOREGAON PARK PUNE	240 KW SOLAR POWER PROJECT
3	HOTEL GAURI INN. AMRAVATI	250 KW SOLAR POWER PROJECT
4	KAPILA RESORT. KHARADI PUNE	100 KW SOLAR POWER PROJECT
5	HOTEL MAHARAJA. PIMPLE GURAV PUNE	100 KW SOLAR POWER PROJECT
6	JAYSHREE ELECTRONICS. BHOSARI PUNE	50 KW SOLAR POWER PROJECT
7	SIDDHI HOSPITAL. PIMPLE GURAV PUNE	20 KW SOLAR POWER PROJECT
8	GARTHE HOSPITAL. HINJEWADI PUNE	10 KW SOLAR POWER PROJECT
9	AMAN HONDA. BANER PUNE	50 KW SOLAR POWER PROJECT
10	UNIQUE CLASSES. SANGAVI PUNE	20 KW SOLAR POWER PROJECT
11	SHREYA ELECTRONICS. SANGAVI PUNE	20 KW SOLAR POWER PROJECT
12	MR. AGARWAL. AUNDH PUNE	20 KW SOLAR POWER PROJECT
13	MR. HULLAWALE. HINJEWADI PUNE	15 KW SOLAR POWER PROJECT
14	15 KW SOLAR POWER PROJECT	20 KW SOLAR POWER PROJECT
15	VAISHNAVI FOOD INDUSTRIES. TULJAPUR	50 KW SOLAR POWER PROJECT

**DETAIL INFORMATION OF COMPONENT:**

SR NO	component	observation
1	Site/ Location with Complete Address	kutwad
2	Capacity of system installed(kWp)	3.35
3	Specification of the Modules	
	Type of modules(poly/mono)	Mono Crystalline
	Make of Modules and year of manufacturing	
	Wattage and no of modules	72CELL, 370 Watt , 9 Nos
	Module Efficiency	18%
4	Inverter	
	Make,& rating Type of Charge controller/MPPT	
	Capacity of inverter and year of manufacturing	3 kw
	AC Output	400VAC,73Amp
	Whether hybrid or stand alone	Stand alone
	Enclose test certificate as per MNRE requirement	Yes
	Input Voltage to Inverter	500-800
5	Distribution Box	
	AJB-	AFM Make
	AC DB-Surge protection for AC output with mccb	AFM Make
	DC DB- Surge protection for DC Input	AFM Make
6	Earthling and protections-	
	Lightening Arrester (Type)	Copper

## **TERMS & CONDITION:**

### **PAYMENT TERMS & CONDITIONS:**

- 1 - 30% Payment after signing agreement.
- 2 - 65% at the time of PO confirmation & MSEB net metering sanction letter.
- 3 - 5% after installation.

### **DELIVERY & INSTALLATION TERMS:**

- 1 - 30 Days for MSEB sanction.
- 2 - 30 days after receiving 65% of advance payment.
- 3 - 30 Days after net metering sanctioning, for installation including trial & training.

### **NOTE:**

- 1 - All material used is MNRE/MEDA approved.
- 2 - Projects under commercial option the subsidy is not given.
- 3 - Projects under industrial/commercial category are eligible for tax depreciation.
- 4 - Monthly visit of engineer after installation.

### **VALIDITY OF OFFER TERMS:**

- 1 - This offer is only for 30 days from the date of offer.

### **LIMITATION OF LIABLITIES:**

Our liability in respect of any defect or failure of the equipment supplied there to, is limited to making good by replacing or repairing defects which under proper use appear therein (provided the equipment is installed, operated, maintained as per our instruction manual ) and arise solely from faulty design, materials or workmanship within warrantee period. At the termination of which period, all liability on our part shallcease.

### **SOLAR MODULE:**

- 1 - 10 Years Limited Warranty on 90% Power Output.
- 2 - 15 Years Limited Warranty on 80% Power Output.



**SOLAR INVERTER:**

- 1 - 5 years Limited Warranty on inverter.
- 2 - Parts and Components, which are repaired or replaced during such period, are warranted.
- 3 - For the original warranty period only and will not carry any extended warranty.

**THE WARRANTY SHALL NOT APPLY TO DEFECTS RESULTING FROM:**

Willful damage or negligence, normal wear and tear, installation and/or maintenance by purchaser or a third party without supplier's prior written consent. Misuse or abuse of Equipment. Modifications or alterations made by purchaser or a third party without supplier's written consent.

**RIGHT AND LIEN OFPROPERTY:**

We shall retain the right on equipment, material or parts supplied by us under this quotation until full value there of as per our invoice has been fully paid to us as per terms and condition.

**ACCOUNT DETAILS:**

Name: HDFC BANK LTD.  
Account No: 50200043364862  
Account Type: CURRENT  
IFSC Code: HDFC0000900

**REGARDS:**

For: AFM Solar System Pvt. Ltd..  
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Website: www.afmsolarsystem.com

