



Anand Agencies

Behind income tax office, Tarabai park , Kolhapur-416003 Mob:-
9890087805, 8855878825.

Proposal For

45 KW on GRIDS TIED SOLAR PV SYSTEMS



AT

**KRUSHIUTKARSH AGRO FARMERS PRODUCER
COMPANY LIMITED**



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PROPOSAL FOR ON GRID SOLAR PV SYSTEM

Dear Sir,

This has reference to our discussions regarding installation of solar power system and we are glad to see your interest towards it.

We would like to propose you setting up an effective and efficient On-Grid Solar power generating System of **45KW** (with 7 year inverter warranty)

We at **Anand Agencies** would like to introduce ourselves as provider for conservative energy solutions through 'Solar Energy'.

Our aim is to promote and propagate the use of Solar Energy as it is clean, green and environmental friendly energy. Through our work, we see clear opportunities to influence people's thinking and behavior towards energy efficiency and use of natural, sustainable methods of energy production and utilization.

We are associated with renowned & reputed brands to provide world class engineering, technical support, services and highly efficient and quality products to the end users.

We have competent team of professionals and engineers have accomplished many projects on energy efficiency and solar energy systems.

Based on this proposal, We look forward to take this discussion further for the designing, engineering, supplying and commissioning of the project.

With Best Regards,

For **Anand Agencies**

Proprietor



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BILL OF MATERIAL OF GRID TIED SOLAR PV SYSTEM

Sr.No.	Specifications	Unit Price 45 KW
1.	Grid Tied Solar Power System 45KW 3Phase Solar PV Module - 85 Nos. @ 535 Wp <i>(Warri/Vikram/Australian Premium/ adani)</i> Solar Grid tied Inverter Three Phase- 45KW <i>(K Solare/)</i> Balance of System - Cables, Protection Unit, Earthing Material, junction boxes, connectors, other accessories, Transportation, Loading / Unloading, Complete System Erection, Installation & commissioning.	27,00,000.00
2.	Module Mounting Structure & Civil Work at Site	Inclusive
	Total Cost With GST	27,00,000.00

(RS In Word:- Twenty Seven lakh ONLY)

INCOME TAX BENEFIT : ACCELERATED 40% DEPRECIATION BENEFIT, AS PER SECTION 32 OF INCOME TAX ACT 1961.

Solar Inverter having warranty for 10 years.

The following Terms & Conditions shall be applied in regards to this supply.

- 1. Warranty - Solar Panels having performance warranty of 90% for a period of 12 years and 80% for a period of next 13 years under STC.*
- 2. The above quotations does not include the cost of MSEB approvals and other .*
- 3. Project Completion within 10-12 weeks after receipt of confirm order and payment.*
- 4. Payment Terms - 70% of total value along with purchase order. 20% of total value on delivery of material.
10% of total value on Installation.*
- 5. The above quotation is inclusive of Transportation and Taxes.*
- 6. The above quotations are valid for 30 days, after that please reconfirm.*

For, Anand Agencies,

Authorised Signatory



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ABOUT US

Anand Agencies incorporated in year 2000 with a mission to harness most abundant natural energy - Solar Energy. Our endeavour is to and make every individual energy independent. Influence people's thinking and behaviour towards energy efficiency and reduce carbon footprints.

The registered office of the company is at Kolhapur, Maharashtra. We have in the last 16 years installed more than 1200 solar water heaters and other solar gadgets like solar cookers, street lamps, solar home systems etc. Driven by passion and technology we are putting our best efforts towards a cleaner and greener earth.

Recently the Maharashtra Govt. has initiated the "Net Metering Policy" in the state, we have laid out an aggressive road-map to tap this massive potential by focusing on grid tied Solar Systems and help meet the shortfall of power in the State.

We are specialized in system integration and have service capabilities for executing projects ranging from 500 watts to large mega-watt farms in India and abroad. Therefore with our key strengths of cutting edge technology, strategic tie-ups with global leaders in PV technology and an experienced system integration team in place, we today can boast of being one of the top most players in Solar Energy solutions provider in South Maharashtra. **Advantages of Installing Solar PV System**

1. Free and Abundant source of energy.
2. One time investment and free energy for next 27 yrs.
3. No need of battery back-up, saving huge cost.
4. Maintenance free.
6. Clean & Green energy.
7. Accelerated depreciation 80% for first year.
8. Hedge against rising electricity cost.
9. Superior returns with low operational cost.



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PROPOSAL OVERVIEW

System Proposed Location:

Installation of **45KW** Grid Tied Solar Power Systems. The proposed Solar Photovoltaic Power Plant at **Kolhapur** would utilize vacant area available on the terrace of the building or ground.

The SPV power plant with proposed capacity of **45KW** would be connected to HT side grid. No battery storage has been provided. It would meet partial load of the building during working days and feed the surplus power available to the grid as per Net Metering Policy of the concerned state.

Grid connectivity and metering scheme

The grid interactive rooftop solar system would be installed without battery backup. The company shall be responsible for safe operation, maintenance and rectification of any defect of the rooftop solar system up to the point of Net Meter within the

warranty period beyond which the responsibility of safe operation, maintenance and rectification of any defect in the system, including the Net Meter, shall be that of the consumer.

Our Scope Of Work

- System Design.
- Equipment delivery at site. ○ Integration of system
 - Installation & Commissioning
 - Testing of the entire system.
 - Installation of Net meter

Client's Scope Of Work

- Availability of shadow free area - **100 sq.ft./ KW**. ○ Basic facilities support at site during execution as covered storage and security.
- Isolation of designated load. ○ Space for inverter nearest to SPV installation.
- Any other supply and installation activity not listed above.



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SALIENT FEATURES

1. Location: Kolhapur
State : **Maharashtra** City :,**Kolhapur**
Latitude : **16.7**
Longitude : **74.2**
2. Area required for SPV Plant : **100 Sq. Ft. Per KW.**
3. SPV Module (Make - any approved by MNRE)

Power Modules : **45 KW**
PV Module type – **MONOHALF CUT**
Physical Dimensions - Approx. 1956 mm x 992 mm x 40 mm
Electrical Parameter - Vmp 37.2 V, Imp 8.48 A
4. Mounting Arrangement

Mounting Fixed Type
Surface azimuth angle of PV Module 180°
Tilt Angle (slope) of PV Module 17° (As per Latitude)
5. Grid Tied Inverter (Make - any approved by MNRE)

Number of units - **02 Nos** Rated
Capacity – **45KW 3Phase**
Max. DC Input - 1000 VDC
Frequency -50/60 Hz
Efficiency - >98%
6. Estimated Annual Energy Generation **Approx. 4 units per kW****
7. Installation Time: **6 - 8 Weeks**

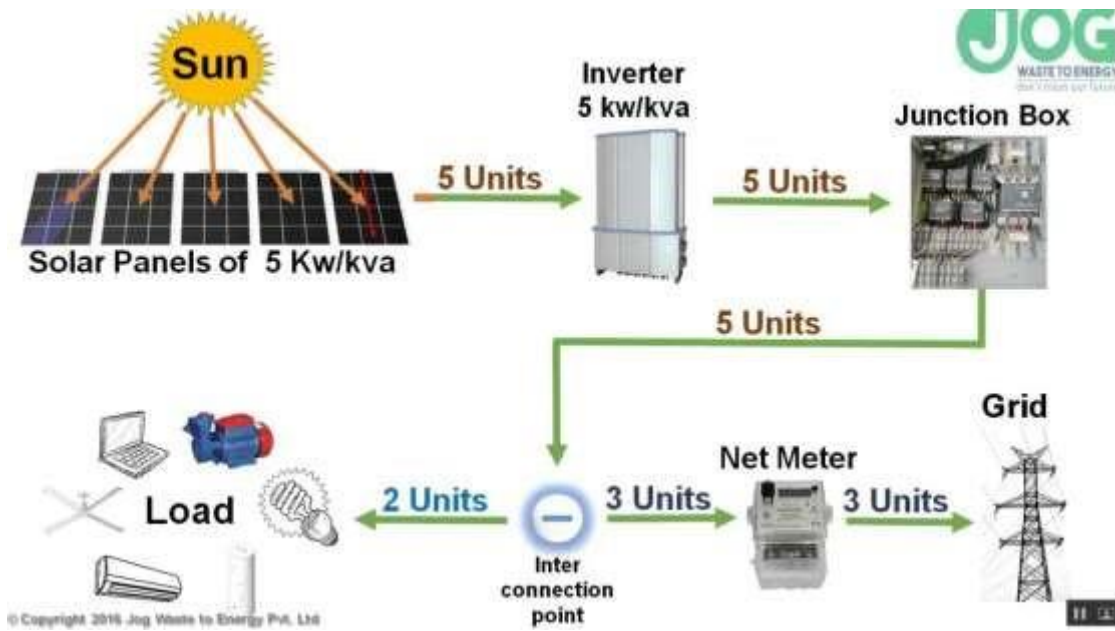
** Note: The above values are indicative for the location based on the historical (22 Years) radiation data. The actual data may vary depending on the site conditions*



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Our Cos umer List as follo ws

1) Dattatray Ramchandra Kulkarni	Shahupuri	9421173621
2) Mr. Suresh Pawar	Himmat Bahadur Parisar	8412095999
3) Mr. Kohok	Market Yard	9822011177
4) Dr. Devdher	Tarabai Park	9822112270
5) Mr. Deepak M. Patil	R. K. Nagar	9373333639
6) Mr. Shreekanth S. Kajave	Tarabai Park	9405280373
7) Mr. Bhagwan Anandrao Mohite	Shivaji Peth	7972378124
8) Mr. Shriram B. Mohite	Shivaji Peth	9049267270
9) Mr. Vidyadhar Durgule	Sandyamath	9975335796
10) Mr. Jaysing Ganpat Bhosale	Parvati Park	9822453980
11) Mr. Shrinivas Desai	Kadmwadi	9819258845
12) Mr. Ashok Ningure	Pachgaon	9834922820
13) SMT. Manisha Powar	Mahada Colony	9096525059
14) Mrs. Sunita Patil	R. K. Nagar	9860265065
15) Mr. Arjun Chavhan	R. K. Nagar	9890677199
16) Mr. A. R. Suryavanshi	Tarabai Park	9890129900
17) Dr. Naniwadekar	Shahupuri	9503023025
18) Mr. Done Sir	Shivaji Peth	9860884142
19) Mr. Amar Desai	Near mahaveer Collage	9822089119
20) Mr. Vivek Aajari	Rajarampuri	9822543434
21) SMT. Sharada S. Mane	R. K. Nagar	8600399137
22) Mr. Shahaji Powar	Kasaba Bawada	8600327676



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23) Prakash Medshinge	Nagala Park	9923744499
24) Bhagwati Lodge	Mahadwar Road	9657850232
25) Pallavi Thibak	Islampur	9764278886
26) Mahavir Dairy	Islampur	9822478406