

Dente Solar Energy Systems

Office: Oppo. Thawakar petrol pump, Old Bata Showroom,

Warud, Dist - Amravati, pin - 444906

UAN MH0300003937

GSTIN - 27AAQPD5822M1Z0

Shri. S. Datta, Warud Contact No: 7744988786

MEDA Channel Partner Reg. No - 000489

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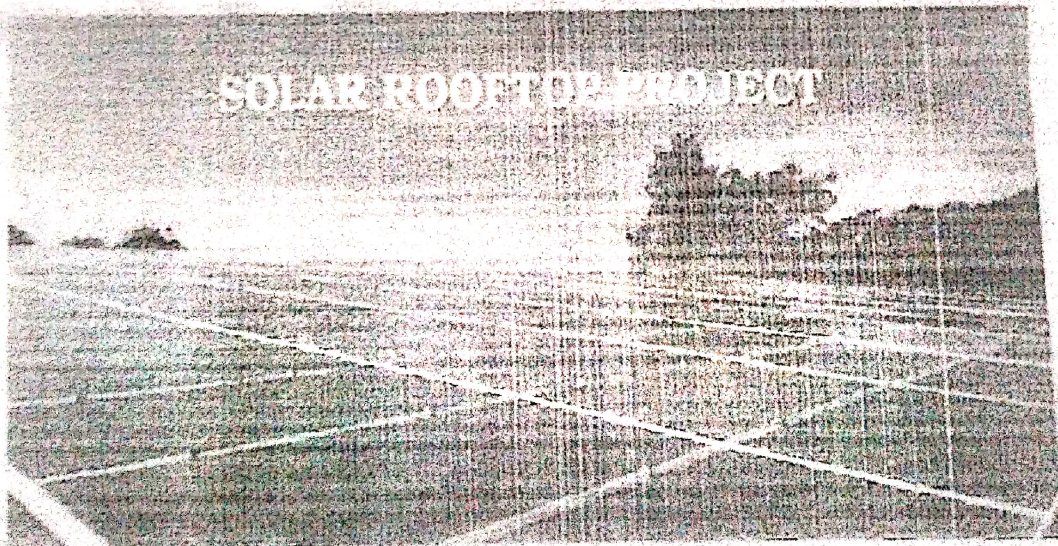
DSUS/22-23/93

Date: 12/08/2022

QUOTATION

To,
Orangeville Farmer Producer Company, Warud,
C/O Dr Sharad Deshmukh Hospital
Approach Road, Warud-444906.

20 KW Grid Connected Rooftop Solar Power Plant



Introduction & Executive Summary

India is a developing nation and cannot halt its developmental goals. While we have a need to cut down the GHG emissions, it also has to ensure that its infrastructural growth is not hindered in any way. Solar energy in India is a potential source of energy. With the high amount of sunlight received by India, if harnessed, can meet its energy demand like no other fuel.

The Power supply by Maharashtra Electricity Distribution Company to residence or firm is very stable & reliable. Most of the time power is available to the society. The residence/firm has a 430/440 V HT consumer for Mahadiscom with sanctioned Load of 20KW.

Under this situation, sir takes it as a social obligation to meet at least part of their demand under Net Metering Scheme sanctioned by Govt. of Maharashtra.

SALIENT FEATURES OF THE PROJECT

Project Location	Warud , Dist-Amravati
System Type	Grid Tied
Proposed Technology	Poly Crystalline
Plant Capacity	20 Kwp
No. Of PV Module Required	60
No. Of Inverter Required	1 (20 KW/Three Phase)
Estimated Annual Output	25500 - 28800 units per year
Project Implementation Period	3.5 months.

Bill of Materials /Quantity

Sl. No.	Item Description	Specification	Indicative make
1	Solar Modules	Solar Modules of minimum 315-320-335 Wp Manufactured on Automated production Lines with greater than 16.9% module efficiency with 5 Bus Bar. (DC Capacity – 20 kWp)	<u>Navitas</u> MNRE Approve Or As require by client.
2	Module Mounting Structure	GI structure use for panel resting with Excellent Corrosion Resistance up to 90 micron. MS structure use for elevated structure frame.	Reputed make ISI
3	Power Conditioning Unit (Inverters)	Power Conditioning Unit with MPPT Charge Controller and above 98 % Efficiency Inverter Tentative AC Capacity – 20 kw – Three phase.	<u>Solar edge/Polycab</u> Equivalent Make.
4	Power Optimizer	Power Optimizer Frame Mounted Module Add-On For Commercial Installations P-730	<u>Solar edge</u>
5	Cables	DC Cable - 1C X 16 sq mm, Copper AC Cable – as per requirement.	KEL / Polycab/Havells Equivalent Make
6	AC & DC Distributions Box	Protective devices AC & DC SPD's, DC Fuses & AC MCB's	Citel, Mersen & L&T or equivalent
7	Protection devices	Excel Lightning arrester & Earthing Protection	Reputed Make
8	Net meter & Generation Meter.	Measuring of import and export units	Secure/HBL Genus Make
9	On Line Monitoring	Showing daily generation on mobile or desktop. Its require internet.	Client Scope

Commercial Approx Offer for 20KW Power Plant

DESCRIPTION	PRICE (INR)
Grid Tied Solar Power Plant 20KW Three Phase	Rs. 14,62,500.00 Fourteen Lakh Sixty Two Thousand Five Hundred Rs Only Tantative Rate*

General Terms and conditions:-

1. **Payment Terms:**

- 70% Advance against purchase order.
- 20% against delivery of inverter & structure at site
- 10% on commissioning of system

2. **Warrantees**

- Defect Liability Period: One year
- Performance warrantee (Back to back warrantee from supplier) for solar PV modules:
25 years

- 90% Power output for 5 years
- 80% Power Output for 11-25 years
- **Module** warranty will be transferred from module manufacturer to client. Inverters (Back to back warrantee from supplier): 10years

Physical damage due to natural calamity or any other reason will not be covered in this warranty.

3. **Other Terms & Conditions**

- Licensing charges, net meter & Generation meter charges Excluding ...
- **Quotation Validity: 15 Days.**
- 12% GST Extra. (12% GST on 70% Goods & 18% GST on 30% Goods)
- 1 Year AMC Free

4. **Our Bank Details For Money Transfer**

M/s Deote Solar Energy Systems ,Warud.

Bank Name - UNION BANK OF INDIA ,WARUD.

A/c No - 416001010034260

IFSC CODE - UBIN0541605 +