

# GOVT. COLLEGE OF ENGINEERING, KARAD

Dist. Satara, Maharashtra, India Pin-415 124.

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No. : GCOEK/Workshop/2021/ 4076

Date: 5 OCT 2021

To,  
Notice Board

## QUOTATION

Sub : Quotation for following. ( Due Date 13.10.2021)

**Sealed Quotations** are invited from eligible and interested manufacturers/ dealers/distributors/ for the following items on the terms and conditions mentioned below.

Sr. No	Particulars	Qty	Rate Per	GST %	Total Cost
1	Supply, erecting net metering arrangement of Roof top-solar system of 100KWp Detail Scope of supply is as per enclosed sheet.	01			

### Terms & Condition

1. The quotation should be sent to "The Principal, Government College of Engineering, Karad" on or before 13.10.2021 at 5.30PM.
2. Quotations will be opened at 3.00 PM on 14.10.2021.
3. Materials should be quoted for standard makes and minimum pkgs.
4. Quotation validity for at least 45 days from the date of opening.
5. Delivery at F.O.R. Govt. College of Engineering Karad.
6. Delivery period 3-4 weeks from date of supply order.
7. 100% payment after satisfactory delivery & installation.
8. No extra charges will be paid for cartage etc. the material rejected and replaced.
9. After delivery quality conformance undertaking of equipment/machinery
10. The undersigned reserves the right to accept or reject any offer or all offers without assigning any reason thereof.

For Principal  
HOD- Electrical Engineering

5-10-21  
S.M. Nalawade  
Stakeholder

5/10/2021



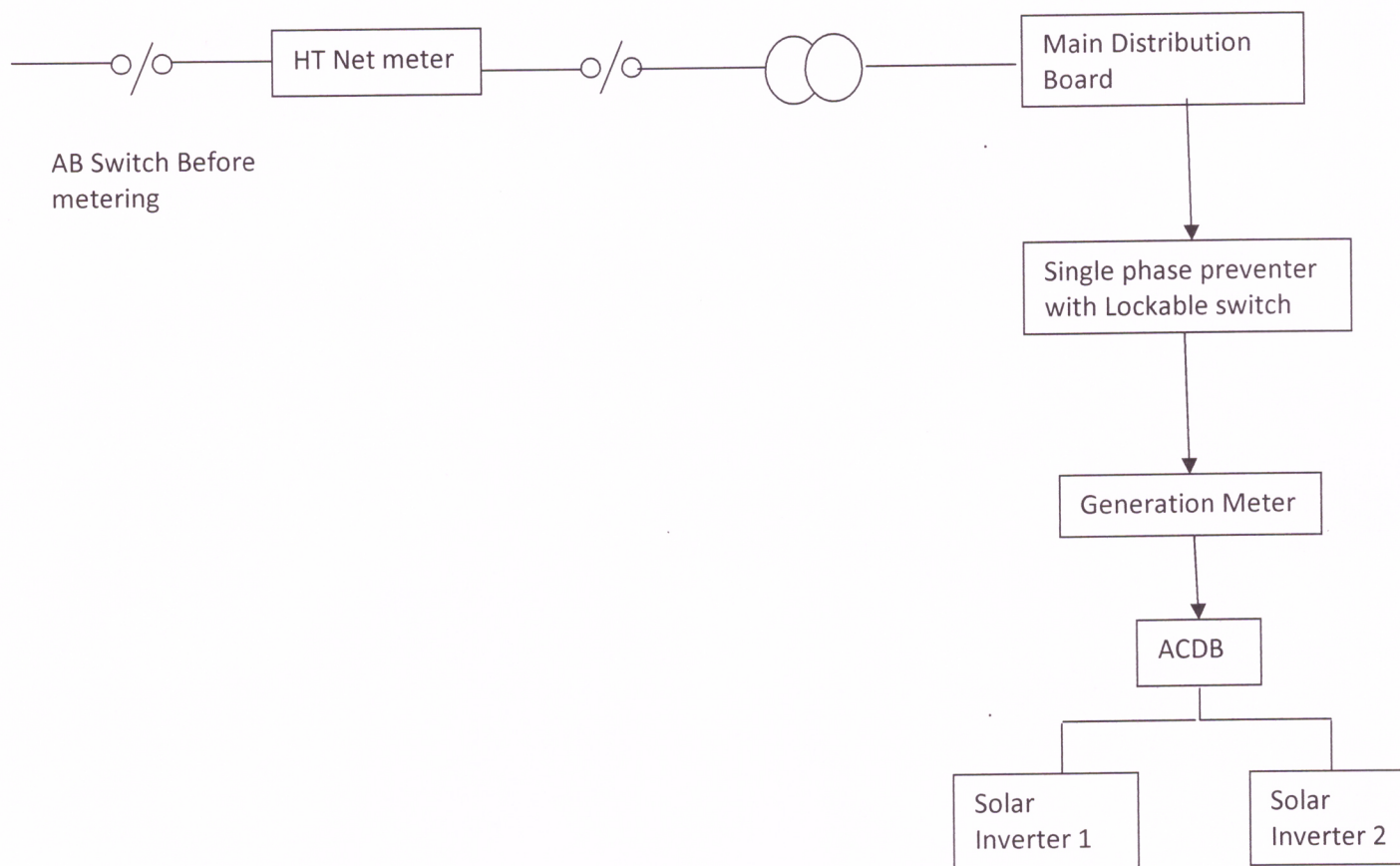
**Sub:** Request for quotation of turn key based project of supplying and erecting net metering Arrangement of Roof top-Solar system of **100 KWp** at Government **Engineering College, Vidyanagar Tal- Karad, Dist- Satara**

In connection with the above subject, **Govt .Engineering College, Vidhyanagar Tal-Karad, Dist- Satara** has applied for **100 kW** Rooftop Solar PV system under Net Metering arrangement towards MSEDCL and same is sanctioned by MSEDCL with modification in metering.

The Existing and Proposed Consumer\_ metering details for Solar Roof top Net metering is as under:-

HT Main Meter		Existing Main Metering Cubicle Details.	Proposed Metering Main Cubical Details for Net Metering.
	CTs	11kV, 10/5 A, CL: 0.5s, 10 VA.	Existing CTs can be used
	PTs _	33kV/110 V, 0.5class, 50VA,	Existing PTs can be used
	HT TOD Meter Main	Main Meter HPL make, 11 kV/110 V, -/5 A, Class - 0.5s, category C HT TOD Meter Vide Sr. No. 5039457	<b>11kV/110V,-/5A,Class-0.2s, DLMS category 'B', Four Quadrant, TOD Tri Vector meter with ABT features with latest MSEDCL specifications. (One Nos.) Secure make Apex 150 or L&amp;T ER300P or equivalent</b>

1. Following is the suggested layout from MSEDCL.



## 2. Details of Requirement

- Providing 11kV/110V,-/5A,Class-0.2s, DLMS category 'B', Four Quadrant, TOD Tri Vector meter with ABT features with latest MSEDCL specifications. (One Nos.) Secure make Apex 150 or L&T ER300P or equivalent
- Providing and fixing Solar Generation meter proposed Details: One No of Three phase LT-CT operated metering with TOD 40-200A meter or LT AC, Three Phase, Four Wire, 200 A/ 5A or 100 / 5 Amps, Class-0.5s CT operated fully Static & AMR compatible TOD Tri - Vector energy Meters with Optical & RS 232 Port as per Category C1 of IS: 15959 / 2011 with LT CTs ratio 200/5 Amp, Class 0.5s.for use on LT Consumers installation should be installed at easy accessible locations near to the Net meter. The above specification's metering system shall be incorporated for measurement of cumulative solar generation parameters.
- Providing and fixing of AB s witch along with fabrication on electrical structure before HT metering installation.
- Providing and fixing of Single phase preventer with MCCB as shown in above diagram.

3. Supplier can visit the institute and know the details from concerned staff to know the exact requirements as per MSEDCL norms.