

STUDENT'S CO-OPERATIVE STORES

Government Polytechnic, Nagpur
Mangalwari Bazar, Sadar, Nagpur 440 001

Mobile:9371867904

Fax : 0712 – 2533741

No. CO-OP STORE-GPN/ Solar Power Generation /2017

Date: - 02/02/2017

QUOTATION

To,

- 1.
- 2.
- 3.
4. Copy to notice board of Co-operative stores.

Subject: - Quotation for Supply of 500 Watt-1 Ph Rooftop Solar Power Generation Set

Sir,

Quotations are invited for the supply of **500 Watt-1 Ph Rooftop Solar Power Generation Set** . The supply should be done in accordance with the condition specified below.

1. Quotation from suppliers should be F. O. R. Shop in Nagpur.
2. Last Date of submission of quotation in institute :- 10/02/2017 up to 5.00am
3. Date of opening the quotation: - 13/02/2017 at 2.30pm.
4. Supply will have to be completed within **15**-days from the date of issue of order for the supply. If this period is not acceptable, the delivery period should be clearly stated in quotations which may not necessary be acceptable.
5. Rates quoted should be inclusive of all taxes, freight, packaging and forwarding charges, carting charges, Insurance, S. T. , G. T, Octroi etc.
6. Material quoted should be of the best quality and should indicate specifically the make, name and country of manufacture and should be confirmly with our specifications.
7. Your quotation any offer of supply should remain open for acceptance for three months from date of opening of the quotations.
8. The entire responsibility the safety of goods in transit and up to the place of delivery will be that of the supplier.
9. Payment will be subject to delivery of goods in good condition at this and inspection and approval of the undersigned after making deduction if any, in respect of short supply, damages, penalty etc;.
10. The undersigned does not being liable to accept the lowest or any quotation and shall not incur any liability to pay interest delay payment of bills for any reasons what so ever.
11. Specification for 500 Watt-1 Ph Solar Power Generation Set as given below.

Technical Specifications: 500 Watt-1 Ph Solar Power Generation :

Sr.No	Item-specification	Qty
1	Supply and installation of rooftop PV Power Generating system of 500 watt .Complete with 1KW/1PhX1 grid tie solar Inverter, DC junction box, allied cables, switches, necessary structure	1 set

Details:-

Solar Panels	Make/ Model : Australian Premium solar/ WS-250 Quantity : 02 : Wattage : 250 W. Confirming standards : IEC 61215 Safety Standards : IEC61730-1 & IEC61730-2 Weather condition/salt test : IEC61701
Inverter	Solar Inverter : 1 KW/1ph – 1 no Quantity : 1 AC Maximum output : 1 KVA Efficiency :> 90% Power connection : 1 - phase
Mounting Structures	Panels shall be mounted on galvanized frames inclined at 18 degrees as per geographical condition to the south. The structure is to be designed in such a manner that module can be replaced easily and in line with site requirements and this is easy to install and service in future. The frames should be of Hot dipped galvanized, supported by angle legs of suitable lengths to provide the pre-determined inclination. All fasteners, nut and bolts are made of stainless steel. The structures shall be pre-engineered to meet special requirements of placing the modules.
Electrical Accessories	Electrical fittings will confirm to IP65 and shall be of 650/1.1Kvgrade. Inter connections; array to junction boxes, Junction boxes to inverter etc to keep voltage drop and losses to the minimum. Earth : Min 2 earth shall be provided connected to electrical installation and structure by 25 x 3 mm GI strip. Lighting Arrestor : Shall be copper spiked rod of 1 M with GI support of 2 M, earthed by 25 x 3 mm GI strip to separate earth pit on insulated supports. Earth Pit shall be weather protected Hard PVC/Concrete with openable lead Cable route shall be on watt. Road crossing, if any shall be in pipe and road cutting shall be made good on best effort basis.

Yours faithfully

Secretary
Student's Co-Cooperative Stores
Govt. Polytechnic, Nagpur