



**Maharaja Jivajirao Shinde Mahavidyalaya, Shrigonda, Dist-
Ahmednagar-413701, Maharashtra.**

Tel: (02487) 222 368

E-mail: mjsshrigonda@gmail.com

Website: www.mjsshrigonda.com

**Tender for DESIGNING, SUPPLING, COMMISSIONING
GRID-TIED (ON GRID) SOLAR PV SYSTEM**

Tender No.: 01

Tender Date: 03/10/2018

Last date of submission: 10/10/2018




Notice Inviting Tenders

Sealed Tender offers are invited in two separate sealed covers (Technical and Commercial offers) from eligible manufacturers/suppliers or their authorized distributors, dealers for the supply and installation of the designing, supplying, commissioning **Grid-Tided (On Grid) Solar PV system**. You are requested to quote your best offer along with the complete details of specifications, terms and conditions. The tender documents can be downloaded from the institute web site www.mjsshrigonda.com.

The Principal, Maharaja Jivajirao Shinde Mahavidyalaya, Shrigonda reserves the right to accept or reject any quotation/tender in part or full without assigning any reason thereof.




Principal,
Maharaja Jivajirao Shinde Mahavidyalaya,
Shrigonda.

Terms and Conditions:

1. The technical and financial bids should be quoted separately and put in different sealed envelopes marked "**Technical bid**" and "**Financial bid**" as applicable. These separate bids envelopes are to be put in another envelope which should be sealed.
2. **Rates:** Rates should be quoted on FOR destination at Maharaja Jivajirao Shinde Mahavidyalaya, Shrigonda on delivery basis, inclusive of all the charges, with breakups as
 1. Basic cost
 2. VAT/ CST/GST etc. as applicable
 3. Total cost (FOR. at Maharaja Jivajirao Shinde Mahavidyalaya, Shrigonda)
4. **Validity:** The quoted rates must be valid for the period of 90 days from the date of closing of the tenders.
5. **Delivery period:** All the goods ordered shall be delivered within four weeks from the date of issue of the purchase order. All the aspects of safe delivery and commissioning shall be the exclusive responsibility of the supplier.
6. **Guarantee/Warranty:** Tender must be quoted with the three years comprehensive one-side warranty/guarantee and it will commence from the date of the satisfactory installation/ commissioning of equipment against the defect of any manufacturing, workmanship and poor quality of components
7. Technical catalogue/ leaflet should be enclosed without fail
8. **Scope of supply:** Should include the free installation and commissioning
9. **Earnest Money Deposit (EMD):** The bidder shall be required to submit the refundable amount of EMD 1% of the quoted price as earnest money deposit (EMD) and non-refundable tender fee of Rs. 1000/- by way of demand draft (DD) only. The DD drawn in favour of Maharaja Jivajirao Shinde Mahavidyalaya, Shrigonda, Dist. Ahmednagar, payable at Shrigonda.



- The EMD of unsuccessful bidder will be returned to them without any interest within 30 working days after assigning the contract.
 - The EMD of the successful bidder will be returned to them without any interest within 30 working days after supply and installation of materials.
10. **Payment Condition:** 80 % payment will be made on the satisfactory installation/ commissioning of equipments/instruments and balance 20% payment will be made after 60 days from the date of installation/ commissioning..
11. Conditional offers will not be accepted.
12. Tenders received after due date shall not be accepted.
13. Bidders should quote the rates in Indian currency (Rupees).
14. Fax, e-mail tenders will not be accepted.
15. **Any contractor willing to take part in the process of Tendering will have to be enrolled MEDA and registered with Savitribai Phule Pune University Pune.**
16. All the tenders are to be submitted/handed over to **Principal, Maharaja Jivajirao Shinde Mahavidyalaya, Shrigonda, Dist- Ahmednagar, Pin-413701 (Maharashtra),** and acknowledgement is to be obtained
17. Any disputes are subject to exclusive jurisdiction of competent court in Shrigonda.



DESIGNING, SUPPLING, COMMISSIONING OFF GRID SOLAR PV SYSTEM

Sr. No.	Item	Specification	Estimated Cost(Rs.)	EMD (1% Of The Amount Put To Tender INR)	Time Limit To Complete Work
1	GRID-TIDED (ON GRID) SOLAR PV SYSTEM	17Kw	Rs.10,03,000/-	10,000/-	30Days



J. J. S.

Principal,

Maharaja Jivajirao Shinde Mahavidyalaya,
Shrigonda, Dist. Ahmednagar-413701.

Annexure-1

Technical Specifications of components in Rooftop PV system under QIP program of SPPU

SR. NO.	DESCRIPTION OF ITEM	SUPPLIER MAKE
A-1	Modules-PolyCrystalline	
1	PV Modules-Polycrystalline, 250 Wp-320 Wp range, including module interconnection MC4 Connectors (Indian Make with RFID TAG)	Waaree Solar, Vikram Solar, TATA Power Solar, Renewsys Solar, EMMVEE Photovoltaics
A-2	Grid-tie Inverter	
1	Grid-tie On-line Solar String Inverters with SPD on both DC & AC Side	SMA, Delta, Fronius, Schneider, Xantrex
A-3	BOS Components	
1	Single Core, Multistrand, 4 Sq. MM TUV approved Solar Cable for DC side	Lapp, Top, Leoni
2	Multistrand Cable for AC Side	Finolex, Polycab, RR Cable
2	MC4 Connectors suitable for 4 sqmm Cable (Male & Female)	Multi-Contact, Biz-link
3	UV Protected Cable Ties for Solar Cables	Surelock or Equivalent
4	Solar LT panels with generation meter and MCCB for isolation	L&T/ Siemens/ABB
A-4	Module Mounting Structures	
1	Module Mounting AL Profiles, Rails etc. for Metal Sheet Roof	SAPA, PROINSO, Jurchen or Equivalent
2	Module Mounting Structure on RCC rooftops - Hot Dip Galvanised (80 Micron)	Local
A-5	Grounding and Security System	
1	Treated Earth Pits 50mm dia *3 mt Cu Bonded Earth Rods with back fill compound	Reputed
2	Lightning Arrestor-ESE or conventional type with Earth pit	JMV, SABO or Equivalent
3	GI Strip (25 x 3 mm) for Plant Earthing	Reputed
A-6	Monitoring System, Cables and accessories	
1	Mandatory: Generation Data Monitoring System with web based server and access of user id and	Reputed



	password to access the same to be shared with Savitribai Phule Pune University) Optional: Weather monitoring system including of Irradiance sensor, Air temperature, Module temperature sensor, Power supply and accessories and data logger	
2	Wi-Fi /GPRS internet modem	Reputed
A-7	Cable Trays and Accessories	
1	Cable Tray of required sizes	Reputed
2	Cable glands, lugs, ferruls etc	Reputed
3	HDPE/ PVC pipes	Reputed
A-8	Fire Fighting system	
1	Danger Board	Reputed
2	Fire Extinguishers Equipments	Reputed
A-9	Net-meter	
1	MSEDCL approved Net-meter	Secure/ L&T



Rayat Shikshan Santha's

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Principal,

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