

**Ramdeobaba University, Nagpur**  
**Ramdeo Tekdi, Katol Road, Gittikhadan, Nagpur-440013**  
**Tel: 0712 2580011, 25801777, Email: [tender@rknec.edu](mailto:tender@rknec.edu)**

**Tender Notice for 180 kWp PV Roof Top Solar Power Plant with grid connectivity on Digital Tower**

**General Guidelines for the sealed quotation**

**The Bidder should provide the following information with the offer.**

1. TOPCon N-type solar cell-based modules (Each with min capacity 550+ Watt), Make (Waaree/Adani/TATA), grid tie inverters (Waaree / SMA / Fronius / Goodwe), cables etc. required for installations as approved by MNRE etc.
2. A report of shadow analysis on the digital tower roof top in premises
3. Provide a list of clients with names and contact details of the owners where projects completed – At least 1 project must be over 200 kWp,
4. PV module must satisfy all the latest quality standards (IEC) on Safety, weather conditions, Performance etc.
5. Each individual panel should have rating/capacity of 550+ Watt
6. Online web based data logging system (Interfaced with computers and suitable software) for the solar power system should also be provided.
7. The supplier should take the responsibility to provide all the documentary compliance to avail MNRE benefits and all the necessary permissions.
8. Quotation should be inclusive of all the Civil and all other fabrication work
9. A complete turnkey plant is to be supplied.
10. Generation Guaranty should be for 10 years (90%) next 15 years (85%).
11. Offer should reach the office of the principal within 10 days from the date of publication.
12. The offer must be inclusive of CMC for 3 years.
13. Water hose, Module Cleaning kits, instruction manual, site displays and once in a year trainings are to be provided by the supplier.

**Please specify clearly:** Minimum generation guarantee in Number of units/KW/Year, Number of Bus bar in modules, and temperature coefficient for module output in %, conversion efficiency in %, value of fill factor and power tolerance.

**For shadow analysis / site visit / queries, contact: Mr Gaurav 9403555589**

The filled quotations must reach to Administrative Officer of Ramdeobaba University at the above address **on or before Monday 25<sup>th</sup> November 2024 up to 3.00 PM.**

**Vice Chancellor**  
**RBU, Nagpur**