

REQUEST FOR PROPOSALS

1. Installation and Commissioning of 500kWp Rooftop Solar Power Plant at La Martiniere Girls' College, Lucknow.

LMGC invites sealed proposals from eligible and experienced vendors for the design, supply, installation, testing and commissioning of a 500kWp rooftop solar photovoltaic power plant within its premises.

Note: Vendors are requested to provide rates for the Brands as mentioned in the Technical Specification Details, and include any additional applicable taxes and price breakup in the submitted proposal.

Technical Specifications Details

S.No	Particular	Details and Manufacturer
1	Solar Module	Waaree Energies / Premier Energies / Renewsys (N-Type TopCon, Latest Technology)
2	Solar Structure	Galvanised 120 microns with SS Nut Bolts
3	Solar Inverter	Fronius Solar Inverters / Solar Edge / SMA
4	Junction Boxes	ABB / Schneider / L&T
5	DC Cables	Lapp Cables 1.5kV Grade Copper 1Cx6sqmm
6	AC Cables	KEI / Finalex / Polycab XLPE Aluminium Cable
7	Earthing	Sabo System
8	Lightening Arrestor	Sabo System
9	Installation & Accessories	UV Protected Accessories, SPD, UV Polymide Pipes, MC4 Connectors, Fire Extinguishers, Cable Tray, Other Equipment
10	Net Metering	Included with all necessary NOCs
11	Warranty of Modules	30 Years (10 yrs. @ 90% Performance, 25 yrs. @ 80% Performance); 12 Years Product Warranty
12	AC Wiring	Included till LT panel of each building
13	Warranty of Inverters	7 Years
14	Guaranteed Unit Generation	6,00,000 units annually
15	Penalty	Per unit as per tariff discovered by state on solar project
16	Call Attend Time	Critical: Within 4 hours; Others: Within 24 hours
17	Washing Cycle	Every 15 days
18	Certification	Industry standard certificates for each item supplied
19	Warranty of BOS	5 Years
20	Warranty of Structure	10 Years
21	Security Amount	Negotiable

Additional Requirements

- **Project Timeline:** Completion within 70 days from date of work order.
- **Eligibility Criteria:** Bidders must have commissioned at least 500kWp of rooftop solar projects and 10 lakh annual turnover. Submit proof of past performance.
- **Performance Ratio Guarantee:** Minimum PR of 6,50,000 units annually.
- **AMC:** Optional/mandatory AMC for 5 years with detailed scope and pricing.

- **Compliance:** All safety and technical specifications should conform to BIS, IEC, and MNRE guidelines.
- **Insurance:** Comprehensive project insurance during installation.
- **Training & Handover:** Vendor to train college staff and submit complete documentation.
- **Site Survey:** Mandatory before bid submission. Schedule to be coordinated with administration.
- **Escalation Matrix:** To be provided for technical and service issues.
- **Payment Terms:** 30% advance, 40% post-delivery, 30% post-commissioning (subject to change).

Submission Details

- **Last Date for Proposal Submission:** Wednesday, 16th April, 2025
- **Contact for Site Visit/Queries:** 9794440390
- **Submission Address:** imgchelpine@gmail.com

Note: The College/Principal reserves the right to accept or reject any or all proposals without assigning any reason.

2. Supply, Installation, and Commissioning of Air-Conditioners at La Martiniere Girls' College Lucknow.

LMGC invites proposals from reputed and experienced vendors for the supply, installation, and commissioning of air conditioners of various capacities across designated areas within the college premises.

- Supply of inverter-based, 5-star rated air conditioners as per specifications.
- Installation of units with necessary fittings and accessories.
- Testing, commissioning, and basic training on operation and maintenance.
- Warranty support and after-sales service.

Technical & Commercial Specifications

S.No	Particulars	TR	Qty	
1	1.8 Tr Window AC, 5-star rated inverter, with Remote	1.8	165	
2	2.0 Tr Split AC, 5-star rated inverter, with Remote	2.0	76	
3	3.0 Tr Split AC, 5-star rated inverter, with Remote	3.0	30	
4	Installation Charges			
5	Accessories (Stand, Drain, Copper Piping, etc.)			

Note: Vendors are requested to provide rates for OGeneral or Mitsubishi Electric. Please specify warranty details, and any additional applicable taxes/breakup in the submitted proposal.

Additional Requirements

- **Delivery Timeline:** Completion within 30 days from the date of Work Order.
- **Warranty:**
- **Service Support:** Mention after sales service TAT.
- **Compliance:** Units must comply with current BEE energy standards and applicable IS certifications.
- **Site Survey:** Mandatory prior to final quote submission. Contact administration to schedule visit.
- **Payment Terms:** (To be finalized)– typically milestone-based.
- **Documentation:** Product manuals, warranty certificates, and service contact details must be provided at the time of installation.

Submission Details

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- **Contact for Site Visit/Queries:** 9794440390
- **Submission Address:** imgchelpine@gmail.com

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