

HCK Solar Energy Ltd.

1. Assistant Manager / Manager – Pre-Sales

Vacancy – 01

Location – Kolkata

Desired Experience & Qualification:

- Bachelor's Degree in Electrical Engineering / Renewable Energy, or related field. Master's Degree would be preferred.
- Proven experience of 4 - 8 years working as a Solution Architect, Renewable Energy Engineer, or similar role in the Solar Energy Industry.
- In-depth knowledge of solar photovoltaic (PV) systems, including solar panel technologies, inverters, mounting systems, and balance of system components.
- Strong proficiency in computer-aided design (CAD) software and simulation tools for solar energy system design and analysis.
- Effective communication skills with the ability to present technical concepts and solutions to diverse audiences.
- Professional certifications such as NABCEP Solar PV Installer, PMP, or LEED AP are a plus.

Key Responsibilities:

- Designing or coordinating the design of solar thermal systems of photovoltaic (PV) systems for commercial or Industrial projects.
- Using computer-aided design (CAD) software to create electrical single-line diagrams, connection diagrams or panel schedules for solar electrical system.
- Collaborate with clients, project managers, engineers, and other stakeholders to gather project requirements and objectives.
- Conduct site assessments and feasibility studies to evaluate the suitability of locations for solar power plant installation.
- Design solar energy power plant layouts, considering factors such as land availability, solar irradiance, shading, and site constraints.
- Determine optimal solar panel configurations, inverters, mounting structures, and balance of system components for efficient energy generation and system performance.
- Perform energy yield simulations and analysis to estimate system output, capacity factors, and financial returns.
- Develop detailed technical specifications, drawings, and documentation for solar energy projects.
- Collaborate with procurement teams to source high-quality solar components and materials at competitive prices.
- Provide technical expertise and support during project implementation, ensuring compliance with design specifications and industry standards.
- Stay updated on the latest advancements in solar energy technologies, regulations, and industry trends.
- Assist in evaluating project risks, challenges, and mitigation strategies to ensure successful project delivery.

If your profile matches to our above requirement and you feel interested, please share your updated Resume at [**hrd@hcksolar.com**](mailto:hrd@hcksolar.com)

You can reach us at [**9163329536**](tel:9163329536) / [**8100765825**](tel:8100765825) for any further query.