

DEEPTARA ENTERPRISE LLP



C-205, Seawood, Gorai Shiv Shambho CHS Ltd, Gorai - III, Borivali (W), Mumbai - 400092.

Mobile: +91- 9152020073, info@deeptaraenterprise.in, www.deeptaraenterprise.in

Job Title: Solar Design & Estimation Engineer.

Work Location: Matunga West, Mumbai.

Qualification: Bachelor's degree in Electrical Engineering, Renewable Energy, or a related field. A master's degree is a plus.

Years Of Experience: Minimum of 2-5 years of experience in solar design and cost estimation. Experience with C&I Rooftop and utility-scale projects is preferred.

Key Responsibilities:

1. System Design:

- Conduct site assessments / Site survey to determine the optimal placement of solar panels and associated equipment.
- Develop detailed designs for solar PV systems, including electrical 3D Layout, electrical schematics, site layouts, and wiring diagrams.
- Utilize solar design software (e.g., AutoCAD, PVsyst, Helioscope) to create accurate and efficient system designs.
- Ensure designs meet customer requirements, industry standards, and regulatory guidelines.
- Prepare Detailed Project Report (DPR).

2. Cost Estimation:

- Prepare comprehensive cost estimates for solar projects, including materials, labor, equipment, and other associated costs during pre-sales and after sales.
- Analyze project specifications and requirements to identify potential cost-saving opportunities.
- Develop detailed bills of materials (BOM) and procurement lists.
- Collaborate with suppliers and vendors to obtain accurate pricing information.

3. Project Management Support:

- Assist project managers in developing project budgets and schedules.
- Monitor project progress and update cost estimates as necessary.
- Provide technical support during the installation and commissioning phases of projects.
- Prepare and present project proposals and reports to stakeholders.

DEEPTARA ENTERPRISE LLP



C-205, Seawood, Gorai Shiv Shambho CHS Ltd, Gorai - III, Borivali (W), Mumbai - 400092.

Mobile: +91- 9152020073, info@deeptaraenterprise.in, www.deeptaraenterprise.in

4. Technical Analysis:

- Perform energy yield assessments of solar projects.
- Perform mounting structure stability assessment of solar projects.
- Conduct technical due diligence and risk assessments for proposed solar installations.
- Stay updated with current advancements in solar technology, industry trends, and regulatory changes.

5. Compliance and Quality Assurance:

- Ensure all designs and installations comply with local, state, and federal regulations.
- Implement quality control procedures to ensure the accuracy and reliability of designs and estimates.
- Participate in the development and maintenance of design and estimation standards and best practices.

Behavioural strengths:

- Good Communication and Presentation skills
- Perseverance
- Problem-solving skills
- Strong attention to detail and accuracy
- Ability to work collaboratively in a team environment and manage multiple projects simultaneously.

Techno-Commercial strengths:

- Proficiency in solar design software (AutoCAD, PVsyst, Helioscope, etc.).
- Strong understanding of electrical systems and PV technology.
- Experience with cost estimation software and tools.
- Knowledge of relevant codes and standards (NEC, IEC, etc.).

Remuneration: Up to Rs. 6 Lakhs per annum.