

DEEPAK KUMAR TIWARY

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Career objective

Qualified Professional with Degree in Mechanical Engineering, managing day to day operational aspects of projects by effectively applying methodologies that enforce project standard and minimize exposure and risks on projects.

Profile Summary

- Bachelors in Mechanical Engineering with nearly 2 years & 8 months of experience in execution, design & in implementing technical solutions for constructing **Solar PV Plants, Distribution & Sub Transmission** work projects.
 - Currently associated with **Rays Power Infra Pvt. Ltd.**, Srinagar as Project In charge, creating & executing project work plans and maximizing operational result and profits.
 - Comprehensive knowledge of Solar PV Plant construction, Distribution & Sub Transmission works specification & regulations.
 - Performed cost analysis of subcontractors by reviewing materials, subcontractor invoices for approval.
 - Proven skills in effectively supervising, training & scheduling company employees with contractors & subcontractors to mediate conflicts.
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Core Competencies

- Project Management
 - Project Execution
 - Project Liaisoning
 - Site Engineering
 - Procurement & Construction
 - Estimation
 - Budget & Forecasting
 - Quality Control
 - Client Relationship Management
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Experience

1. Period: December 2016 to till now
Organization: Rays Power Infra Pvt. Ltd. (Solar EPC), Jaipur India
Client: Jammu & Kashmir Power Development Department, Srinagar India
Position Held: Project Incharge
Project Handling: R-APDRP Part-B Project Anantnag J&K (Distribution & Sub Transmission works)

Key Result Areas

- Managing project employees, including in-house, external contractors and sub-contractors, attending meetings and discussing project details with clients & contractors.
- Developing project baselines; monitoring & controlling projects with respect to cost, resource deploying, and time over runs and quality compliance.

- Preparing monthly reports detailing progress on engineering, procurement & commissioning activities.
- Coordinating with the client & consultants for drawings and approvals.
- Conducting delay analysis and risk analysis as part of the project release process.

Accomplishment

- Obtained statutory approvals from client (J&K State Electricity Board) despite facing technical challenges in GTP, Credentials, QAP, Audit Sheets of Sub vendors for procurement.

2. Period: March 2016 to November 2016
Organization: Aarvi Encon Pvt. Ltd. (Engineering Manpower Outsourcing Company)
Client: Gamesa Wind Turbines Pvt. Ltd. (Solar EPC), Chennai India
Position Held: Project Engineer
Project Handled: (1) 2.25 MW Solar Project Roorkee (U.K)
 (2) 2 x 2.25 MW Solar Project Dakpathar (U.K)
 (3) 1.5 MW Solar Project Dhakrani (U.K)

Key Result Areas

- Assisted Project Manager in sustaining Solar PV Power Plant Construction.
- Standard penetration test, Site Survey with DGPS & leveling of the land.
- Site Store establishment, preservation, issue & disposal.
- Ensured that all engineering design conformed to plant design specifications.
- On site design changes for work feasibility.
- Responsible for the several tests like pull out, lateral & cube test.
- Erection & Construction work of DC side, AC side, Module Mounting Structure, Inverter room, foundation for transformer, HT panel and cubical meter at Bayside.
- Erection of 11KV (AB Cable) & 33 KV (ACSR) transmission line.
- Negotiated with contractors & suppliers for materials & services and ensuring each stage of the project progresses on-time and within budget.
- Participated in project review meetings and liaised with clients, consultants & subcontractors for evaluating project progress & de-bottlenecking.
- Maintained material track record at site, prepared checklists, technical plans & daily progress report.

Accomplishments

- Successfully commissioned the 250 KW out of 2.25 MW within a month at Roorkee Site.
- Worked in loose soil condition where piling was not possible for module mounting structure, it was done with a new concept i.e. open cast foundation.
- Successfully completed the Redwood Solar PV Project at Roorkee within specified deadlines; the project cost was **INR 15 Crores**.
- Successfully completed the Redwood Solar PV Project at Dakpathar (Uttarakhand) within specified deadlines; the project cost was **INR 30 Crores**.
- Successfully completed the Redwood Solar PV Project at Dhakrani (Uttarakhand) within specified deadlines; the project cost was **INR 11 Crores**.

3. Period: August 2014 to January 2016
Organization: S.R Turbo Energy Pvt. Ltd.
Client: Bharat Heavy Electrical Ltd.
Position Held: Site Engineer
Project Handled: 3 x 90.3 MW Reliance Thermal Power Project Dahej (Gujarat)

Key Result Areas

- Responsible for the erection of steam turbine & auxiliaries
- Perform inspection of incoming material as per project requirement.
- Erection and execution of Deaerator, Main oil tank, Boiler feed pump etc.

- Carry out of inspection of structural fabrication work.
 - Material Planning & scheduling.
 - Planning and executing of the work so as to achieve the targets as planned.
 - Allotting works to efficient contractors.
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Certifications

1. Thermal Power Plant Professional course from **S.R Thermonix New Delhi** (June 2014 to July 2014)

2. Grid Connected PV Systems Design & Installation Course from **GSES India Sustainable Energy Pvt. Ltd. New Delhi**

Software

- PVSyst
 - MS Excel
 - MS Office
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Educational & Professional Credentials:

BACHELOR OF TECHNOLOGY (Mechanical) 2014
JNTU Hyderabad -- **Attained 75.5%**

12th
S.K.V Mandir Ramgarh -- **Attained 59.9%.**

10th
G.M High School Ramgarh - **Attained 69.9%**

Industrial Trainings:

- 5 Weeks Summer Training in SAIL Bokaro Steel Plant (Jharkhand)
 - 4 Weeks Summer Training in Patratu Thermal Power Station (Jharkhand)
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Personal details

DATE OF BIRTH: 07th January, 1994.

LANGUAGES: Hindi & English.

PERMANENT ADDRESS: Surya Nagar Road No-4, Ramgarh Cantt-829122 (Jharkhand).

REFERENCES: Available on request.

(Deepak Kumar Tiwary)

Date: 26th April, 2017
Place: Srinagar

