**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.



**Core Competencies**

* Project Management
* Project Execution
* Project Liasoning
* Site Engineering
* Procurement & Construction
* Estimation
* Budget & Forecasting
* Quality Control
* Client Relationship Management

**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 In charge**

**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 Bay side.
* 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 (Uttrakhand) within specified deadlines; the project cost was **INR 30 Crores**.
* Successfully completed the Redwood Solar PV Project at Dhakrani (Uttrakhand) 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.



**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**

* PV Syst
* MS Excel
* MS Office



**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)



**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