

# Project Management Professional – Solar projects

**AJAY KUMAR AGRAWAL**

**E-mail:** [ajay.rel@gmail.com](mailto:ajay.rel@gmail.com)

**Phone:** 09899824091

## **Job Objective**

Seeking challenging growth oriented position with a growth driven organization of repute, an affording personal and professional growth to be a motivated individual with an extra drive to achieve challenging result, always willing to learn and improve performance.

## **Professional Synopsis**

- **Over 8+ years of experience** in Project Execution & design for **Solar PV Power & Telecommunication** Projects, including Planning, Estimation & execution of kWp as well as Mwp Solar Power Project on industrial, R.C.C roofs as well as ground mounted
- Recognized as subject matter expert for setting-up infrastructure through efficient vendor management on various occasions Capable in handling multiple assignments in projects with close coordination with clients, vendors, given utmost importance to quality and time schedule.
- Expert facilities & project management person with outstanding background of leadership, including reducing project costs and timely completions of assignments. Has strong expertise in solar power technologies in ensuring smooth transitions during Project Execution.
- A good team member ability to work in a team and individual environment.
- Excellent communication and interpersonal skills with strong analytical problem solving and organizational abilities.

## **Godrej & Boyce Mfg. Co. Limited – Electrical & Electronics (Solar Roof-Top Projects )**

**Designation** : **Assistant Manager (Solar Projects)**

**Service Period** : Nov. 2014 to till date

**Location** : New Delhi

1. Site feasibility Study & Primarily Design of SPV system.
2. PV Syst. Report Generation & Analysis of PR
3. Pre-bid tie up with various suppliers for private as well as Govt. tenders.
4. Cost Optimization with Latest Technology utilization.
5. DC & AC Electrical design for Solar Roof-Top Project.
6. Risk Mitigation & Go no go analysis for Govt. Tenders & Pvt. Tenders
7. Responsible for details estimation & costing sheet to maintain company profit as per company policy.
8. Preparation of MNRE DPR for getting CFA project which are under MNRE subsidy model.
9. Continuous interaction with various suppliers to get firm quote which would be cost competitive.
10. BOOT Model Projects Development like risk analysis of project , Investor development for specific project , details project report preparation based on client financial credit rating .
11. RFQ floating to various investors, NDA signing, preparation of pre Qualification document for various private & Govt. tender.
12. Sales channel partner development for penetration of roof-top market.
13. Direct Involvement of business development leads & convert into orders with technical & commercial aspects.

## **VMC System Limited -25 MWp Solar Power Project (Mahagenco)**

**Designation** : **Assistant Manager Electrical**

**Service Period** : June 2012 to 31 August 2013.

**Location** : Sakri, Dhule, Maharashtra

**Responsibilities:-**

- Erection Testing & Commissioning of Mounting Structures, Solar Modules, Array Junction Box, Sunny String Monitoring (Combiner Box), Power Conditioning Unit (Inverter), Cable Laying etc.
- Technology selection, Comparative study and review, Solar Module viability study, supplier potential assessment, visit at suppliers manufacturing site.
- Feasibility study & review of various Mounting options (Fixed / Seasonal tilt, tracking), Detailed Drawing Preparation, BOQ & BOM finalization as per IS, Vendor development and their potential assessment.
- Wide knowledge of Switchyard Equipment Transformer, Circuit breaker, Lighting arrester, Isolator, Current Transformer, Potential Transformer.
- Also Attend Inspection call with Customer at Supplier works for Clearance of material As per Quality Plan and IS before dispatching.
- Technical Drawings and Specification Selection & Approval as per Tender document given by **Mahagenco**.
- Wide Knowledge of SCADA System & Surveillance Camera System for Suitable for 25 MW Solar Power Plant with Synoptic.
- Earthing Design and Calculations & lightning Protection system for solar power plant.
- Preparation of Various Technical Comparison Statement for Module, Inverter (Efficiency & Euro Efficiency, THD), DC Solar Cables, Construction Power Selection.

#### **Wipro Eco Energy Limited (A Division of Wipro Limited) - 11 MWp Solar Power Project**

**Designation** : **Engineer Operation & Maintenance**

**Service Period** : Nov. 2011 to June 2012

#### **Responsibilities:-**

- Planning, coordination, Execution of Solar Power Project (erection, testing, commissioning of electrical equipments) to meet standard of specification and safety.
- Handled different Responsibilities like MMS installation work, module segregation work Module Mounting on structure as per drawing.
- D.C. cable inters connection & cable laying from module to string & string to Array junction box.
- Having wide knowledge of H.T. switch yard Like Transformer, current transformer, potential Transformer, circuit breaker, isolator.
- Also having knowledge in A.C cable laying & transmission of A.C. to Grid substation.
- Wide Knowledge of SCADA System and Surveillance Management System for Solar Power Plant.
- Keeping the daily Generation & breakdown log register after that prepare DPR & send it to Head office.
- Monitoring of Power Plant Equipment Like Solar Module , Array junction box, Transformer, Inverter , Circuit breaker etc.
- Preparing Preventive Maintenance & Cleaning Schedule of module as well as all electrical & electronics equipment for running power plant smoothly.

#### **Project Completed**

- **Completed 5MWp –Thin film solar power plant for Oswal Woolen Mills at falodi Rajasthan**
- **Completed 5MWp – Thin Film Solar power plant for MSL at Pokran Rajasthan**
- **Completed 1MWp – Thin Film Solar PV Plant for Asian Aero Faithgarh Jaiselmer , Rajasthan**

#### **Ericsson India Pvt. Limited (Rajasthan)**

**Designation** : **Engineer Project (BSNL 2G& 3G Mega Project)**

**Service Period** : March. 2008 to Sept 2011

**Responsibilities:-**

- Equipments SMPS, Diesel Generators, Air Conditioners. Stabilizer, Batteries etc, AC & DC power.
- Project Planning, Infrastructure Setups , General Administration , Requirement Analysis , Vendor Development, Requirement Analysis, Facilities Management , Vendor Development, Maintenance & Troubleshooting, Work Scheduling, Liaoning. Independently Handled 45 cell sites across Jaipur Cluster.
- Site Acquisition, Finalizing Commercial Negotiation with Building owners.
- Preparation of site AT format, conducting AT & Taking over of full-furnished cell site from the contractors.
- Handling Independent supervision on Construction activities such as Constructions of Towers, Shelter, Installation & Commissioning of RBS, Transmission Equipments, Battery Bank, D.G sets, Air conditioners, Stabilizers etc.
- Keeping regular track of Materials, verification of Contractors Bills, Material reconciliation etc.

**Reliance communication Limited (Rajasthan)**

**Designation** : **Engineer Project**

**Service Period** : Nov 2006 to March 2008

**• Achievements**

- Special **Appreciation Letter** given by Ericsson Project Manager for Good work in BSNL GSM Project.
- **Excellence Award** given by Sr. Vice President of Wipro Eco Energy for outstanding Performance in solar MWp project.

**• IT Skills**

- Proficiency in MS-Office (MS-Word, MS-Excel, MS-PowerPoint), Internet.
- Knowledge on PV Syst. Simulation software for generating PV syst. Report, Google Sketch for 3D View.

**• Education Qualification**

- Perusing **Project Management Professional certification** ( PMP ) Programme from PMI USA
- **B.Tech (Electrical Engineering)** from JRN University Udaipur, Rajasthan, in the year of 2003-2007. With **65.30%**
- **Senior Secondary** from Rajasthan Board Ajmer in year 2003 with **66.94%**
- **Secondary** from Rajasthan Board Ajmer in 2001 with **69.83%**

**• Personal Details**

Address	- Kailash Chand Agrawal, Advocate, House no- 30 Paradise colony Bharatpur, Rajasthan
Telephone	- +919899824091
<b>E-mail</b>	- <b>ajay.rel@gmail.com</b>
Date of birth	- 08-11-1986
Marital Status	- Married
Language Known	- Hindi, English
Passport No	- L3145758

Date:

Ajay Kumar Agrawal