

Alok Singh

Senior Project Engineer

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PERSONAL SUMMARY

- Having Sound knowledge of Construction Site Investigation & Installation, Feasibility technical Study, detailed Design Development with knowledge of state of the art technical skills in materials methods in all applicable engineering, architectural construction areas.
 - Having experience in Civil as well as Electrical Side on **150+ MW** ground mounted and around **8+ MW** rooftop solar projects.
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CAREER HISTORY

1. Vivaan solar Pvt. Ltd. (May 2017 to present) as Senior Project Engineer

Responsibilities

- End to End planning and execution and site operations for Megawatt Scale Grid tied solar projects on following

Ground Mounted projects -

1. Tarana , District – Ujjain – **30 MW** (May 2017 – July 2017)
2. Kadodiya, District – Ujjain – **15 MW +30 MW** (August 2017 – november 2017)

Rooftop Projects –

1. **5MW** Grid tied solar project at RAILWAY STATIONS :

- a. NEW DELHI – **2MW**,
- b. ANAND VIHAR – **0.8MW**,
- c. HAZRAT NIZAMUDDIN – **0.7MW**,
- d. OLD DELHI– **1.5MW**

(November 2017-February 2018) **Role:** Project Incharge

2. JK Hospital, Bhopal – **0.8 MW** (March 2018 – April 2018)
3. Asian Hospital, Moradabad – **200 KW** (1 May 2018 - 5 june 2018)
4. Jain Mandir, Badagaon – **100 KW** (10 June 2018 - 30 june 2018)
5. DMRC – **2.2 MW** (July 2018 – Present)

Client : Delhi Metro Rail corporation **Role:** Project Incharge

- Setting out, levelling, surveying, testing and analysis of soil test report, design of foundations for Solar Module Mounting structures in accordance with relevant standards of design which meets local conditions.
- Prepare R.C.C drawings for Pile Foundation, structure foundation and Control Rooms as per site conditions.Pre-fab.

- Cabling of DC side and AC side of plant, commissioning of plant.
 - Liaise with internal parties, contractors and external parties including government authorities on project matters, approvals on site.
 - Perform Technical supervision for civil/structural/geotechnical works.
 - Design of roads, cable trenches, transformer other Panel foundations and preparation of respective drawings.
 - Extensive coordination within team to solve technical difficulties that arise on site.
 - Participate in the conceptual and detailed design, budgeting and implementation of projects.
 - Estimation and costing of Aluminium/GI structural works thereby achieving cost reduction designs through design optimizations.
 - Monitor site work schedule, perform safety management, and cost and quality control throughout various stages in design, audit, construction, testing and commissioning to completion of works.
 - Act as key coordinator between Owner, EPC Contractors and Project Site execution teams , prepare weekly progress report and submit a copy for records.
 - Checking material at site as per BOM, handle contractors/labour at site, create and maintain contacts with local utilities and state agencies.
 - Perform quality inspection of civil, Electrical, mechanical construction, engineering documentation and quality assurance plans and their monitoring.
 - Maintain relationship with clients so as to have smooth project execution .
 - Get approval for various drawings. Assist in monthly budget preparation based on expense, allocation of fund etc with finance department.
 - Hand over project to O&M team, maintain standards for Operation and maintenance of solar plant.
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2. Kashish Infrastructure Energy power as Site Engineer – (January 2016 – April 2017)

Responsibilities-

- Worked for Kashish Infrastructure Energy Power as site engineer for following ground mounted projects:
 1. 25 MW Grid Tied Solar Plant at Mhobkanth, Jhansi , Uttar pradesh
Client: **UNIVERSAL SOUR URJA PVT.LTD.**
 2. 30MW Grid Tied Solar Plant at Panwari, Mahoba, Uttar Pradesh
 3. 20 MW Grid Tied Solar Plant at Garautha, Jhansi, Uttar pradesh
Client: **JAKSON ENGINEERS LIMITED**
- Involved in Levelling , grading and Marking of structures on all of above listed projects.

- Worked as a team member in 25 MW site in Mhobknath and 30 MW in Panwari . For 20 MW solar plant at Garautha , I worked as team Leader in where my workscope included Levelling , grading , marking of Mounting structure , Auguring (drilling) , building pier foundation for solar structures , coping, structure erection, structure and module alignment with the help of local manpower available.
- Involved as team member for building control rooms and switch yard and building of transformer foundation on site on all of above listed projects.
- Responsible for security, health and safety, and organizing the manpower involved in civil construction on site.
- Travel to project sites and vendor locations as assigned to perform all aspects of on-site installation, repair, maintenance, oversight, and modifications as required.
- Assist in team operation in case of fault occurrence, attending the fault and its rectification in shortest possible span.
- Work directly with client personnel and, as directed, third-party vendors to support project component. Communicate effectively with Client and third-party vendors and actively participate in meeting reviews to provide technical feedback of field operations.
- Record and report all faults, deficiencies, and other unusual occurrences, as well as the time and materials expended on work orders. Responsible for all required repairs, maintenance, and monitoring of all warranty claims.

AREAS OF EXPERTISE

- Service operation and management.
- Implementing plans.
- Manpower planning.
- Proficient with Autocad, 3D Sketchup, softwares.

PERSONAL SKILLS

- Proficient communicator.
- Client relationship development.

EDUCATIONAL QUALIFICATION

- Bachelor of Technology (Civil Engineering), Anand Engineering College, Agra, Year: 2012-2016.
 - 10+2 from C.S.A. Intermediate College, kotha, Kushinagar (Physics, Chemistry, Math, Hindi and English), Year: 2012.
 - 10 from J.P. Intermediate College Kaptanganj, Year 2009.
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PERSONAL PROFILE

Name: Alok Singh
Date of Birth: 12/08/1994,
Father's Name: Ramdarash Singh
Sex: Male
Marital Status: Single
Nationality: Indian

REFERENCES

Mr. Deepak Sharma – Manager - PV Projects , Vivaan solar pvt. Ltd.
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