

Seeking assignments in Solar Project Execution, Project Management and Designing.

CAREER SYNOPSIS

- ❑ A dynamic profession with 3.5 years of experience in Solar Project Engineering, Procurement & Construction and in Transmission Line.
- ❑ More than 6MW Solar Projects Executed including On Grid, Off Grid & Solar Pumps.
- ❑ Jobs were including Project Planning, Erection & Commissioning, Designing, Executions, Installation, O&M, and Vendor Management etc.
- ❑ Brief of Roll: Execution as per drawing and specifications, simultaneous coordination between different team mates, design team, clients, vendors, suppliers, OEMs including basic and detail engineering.
- ❑ Specific responsibilities for Project Management, Testing and Quality checks during the project handover, technical & commercial analysis and Safety Compliance.

AREAS OF EXPERTISE

- Both practical as well as theoretical knowledge of Different Electrical Equipment.
- Rich experience in Planning of Projects, Understanding of Electrical Drawings, and Erection & Maintenance.
- DC & AC (MV & HV preferred) Electrical design experience.
- Knowledge & Experience in operation of HT & LT panel, MCB, MCCB, Isolator, SPD and control relay.
- Inspection & Testing of Electrical substation and transmission line equipment such as Power Transformer, CVT, PT, CT, CB, Conductor, Isolator etc.
- Good hand in shadow analysis tool like Sketch Up.
- Knowledge of PVSYST, AutoCAD & Helio Scope.
- Coordinating projects from inception to completion.

EXPERIENCE

MARCH, 2018 – Present

Project Engineer, INDUS ENERGY, NEW DELHI

- Projects executed more than 6 MW including fixed and tracker.
- Created approved or accurate energy model of entire plant with shading analysis using Sketch Up. Calculated expected solar energy production.
- Estimated full EPC cost via detailed cost-matrix and local procurement relationships.
- Prepared, submitted and tracked through approval of solar PV system proposals, plans and drawings to clients and contractors, building permit departments and associated government organizations.
- Developed proposals that included preliminary design, cash-flow analysis, incentives information, and cost of the project.
- Experience of civil & Mechanical work such as Control Room, Foundation work, Structure Erection. Responsible for complete project management through the installation, testing & commissioning of the PV system.
- Identifying areas of obstruction/defects & conducting service and repair to rectify equipment through the troubleshooting tools.
- Performed system design to meet criteria such as string sizing, inverter capabilities, single line diagrams, city permit plans, and system maintenance.
- Prepare a complete BOM, BOQ, PO, ROI based on project requirement.
- Motivate to team for optimum output, Maximize utilization of Resource & Manage and performed well in project Execution.
- DC & AC (MV & HV preferred) Electrical design experience.
- Supervise the execution of Site work, Such as Foundation, Tower Erection & Conductor stringing of 220kV Transmission Line.
- Supervise the execution of Site work, Such as Erection, Installation & commissioning of Electrical Equipment, Tower structures, Cable termination, Conductor stringing etc.

JUNE, 2015 – MARCH, 2018

Electrical Engineer, SOLAR UNIVERSE INDIA, NEW DELHI

- Preparation of daily analysis report of generation, auxiliary consumption & plant efficiencies & Project feasibility report.
- Detailed Site Survey for Design & Installation of Solar PV system (both off-grid and grid connected).
- Designing & sizing of Solar panels, charge controller, Inverter, Batteries, string box, DC disconnect and all essential accessories.
- Prepare a complete BOM based on project requirement.
- Coordination & follow up with vendors, contractors & team mates.
- Techno-economic analysis of solar power plant, Execution of training programs related to solar Photovoltaic.
- Updating daily work progress to the Project Manager.

EDUCATION

- B.Tech (Electrical & Electronics Engineering) in 2011-2015 from Hindustan College of Science & Technology, Mathura, Under A.K.T.U with 62.7% marks.
- 12th in 2011 from Agra Public School, Agra, Under C.B.S.E with 69.8% marks.
- 10th in 2009 from St. Andrews Sr. Sec. School, Agra, Under C.B.S.E with 78.4% marks.

KEY SKILLS

Project Management
Project Execution
Erection & Commissioning
MS Office

Project Planning
Designing
O&M
Sketch UP

TRAINING

Summer training at "**RAPID METRO**" GURGOAN in June-July, 2014.

Training topics were: Rolling stock, Depot & Station Equipment, Signalling & Telecom

TRAINING

Date Of Birth: 23rd August 1994
Sex : Male
Language : English, Hindi

Age : 24Years
Nationality : Indian
Marital Status : Single

Date: 25.11.2018

Kapil Malik
Noida