

Mukhtar Ahmad

E-Mail: mukhtar86bgt@gmail.com

Mobile: +91-7768041650, 7893844940

SENIOR PROFESSIONAL

Enterprising leader & planner with a strong record of contributions in streamlining operations, invigorating businesses, heightening productivity, systems & procedures, targeting assignments in:

Electrical Engineering/ Project Management /EPC Solar power projects/ Thermal power projects/ Operations & Maintenance

PROFILE SUMMARY

Multi-faceted professional with 8 years of experience in:

~*Electrical Engineering*
~*Solar power projects*
~*Procurement*
~*Team Management*

~*Project Management*
~*Thermal power project*
~*Techno-commercial*

~*Installation & Commissioning*
~*Operation & Maintenance*
~*Vendor Development*

Technical Qualification:

- **B.E (Electrical Engineering with 70%). (Year of Completion 2010).**
- **Diploma in (Electrical Engineering with 70%). (Year of Completion 2007).**
- **Passed electrical supervisor exam up to 33 KV line supervision, license no. 6640 in 2011.**

Achievements:

- One hundred transformer capacity 2.1 MVA commissioning in the stipulated time.
- All projects commissioning within a time limit.

My responsibilities:

- Site manager solar mounted MW scale projects.
- Manage the full project cycle.
- Handling individual project up to 25 Mw Commercially and technically.
- Project planning, Execution, Supervision, Monitoring construction at site.
- Create and define work schedules of construction projects.
- Perform technical evaluation and due diligence on subcontractors.
- Manage subcontractors in the field.
- Weekly detailed Project review meeting with subcontractors / EPC contractors.
- Liaison with local Govt. bodies.
- Exposure to getting clearance for plant commissioning.
- Perform quality and safety oversight.
- Create MIS and reporting to HO daily basis.
- Expertise in leading installation & commissioning, conducting tests/inspections to ensure operational effectiveness.
- Completed projects with respect to budgeted cost, demand forecasts & time over-runs to ensure timely execution of the power transmission.
- Proficient in steering various electricity distribution works while ascertaining compliance to safety, economical and technical assessments to secure the best economical results.
- Experience in designing and the Drafting of Solar Power Plant, earthing & lighting layout and equipment layouts.
- Led workforce; imparting continuous on job training for accomplishing greater operational efficiency.
- Excellent interpersonal, communication and organisational skills in team management and planning.
- Piling ,MMS, Structure, Modules, MCR building work, ICR room, Trafo foundation work, Drainage, Road, MCS, Boundary wall, Watch tower.

ORGANISATIONAL EXPERIENCE

Since 20 'OCT' 2014 to Present Mahindra Susten Pvt. Ltd (Mahindra & Mahindra group of companies) Mumbai
As a Asst. manager of construction department.

Projects Managed:

- **Project Title – 200 MW SBG Cleantech Projects Privet Ltd. at Kurnool.**
- **Project Title – 100 MW SBG Cleantech Projects Privet Ltd. At Bhadla**
- **Project Title – 10 MW AC Solar PV Power Plant at Mahbubnagar.**
- **Client – First solar parks Pvt. Ltd.**
- **Project Title – 10 MW AC Solar PV Power Plant at Marikal.**
- **Client – First solar parks Pvt. Ltd.**
- **Project Title – 100 MW AC PV Solar Plant at Mahbubnagar.**
- **Client- Renew energy pvt. Ltd.**
- **Project Title – 5 MW AC PV Solar Power Plant at Trichy.**
- **Client- GRT jewelers.**
- **Project Title – 25 MW AC Solar PV Power Plant at Mahbubnagar.**
- **Client – First solar parks Pvt. Ltd.**

- **Project Title** – 20 MW AC HFEL at Chamrajnagar.
- **Client**- Hero future energy pvt.ltd.

EMPLOYMENT HISTORY

- **1st Job**
- **Bharat heavy electrical limited**
- Duration – from 4/09/2010 to 3/09/2011
- **2nd Job**
- **Hoffincons infotech pvt.ltd**
- Duration – from 2/11/2011 to 28/08/2012
- **Client**- Abhijeet MADC energy 4x 61 MW Thermal power plant
- **3rd Job**
- **Aksher group of companies pvt. ltd**
- Duration – from 31/08/2012 to 28/02/2014
- **Client**- Adani power Maharashtra ltd 6 X 660 MW supercritical thermal power plant
- **4th Job**
- **Kepeco power service company ltd**
- Duration – from 1/03/2014 to 16/10/2014
- **Client**- KSK energy ventures 4x 135 MW Thermal power plant

TECHNICAL SKILLS

- Planning and Designing of Solar Array Layouts.
- Trenching, DC and HT, LT Cable laying,
- Electrical Machines Repair.
- Low Voltage Switchgear Repairs.
- Testing of Solar Panels.
- Motor HT and LT Repair.
- Installation of 132kv of Outdoor Substation.
- Lightning Arrester Installation.
- Horn Gap Fuse.
- ACSR Panther Conductor.
- HT & LT Cabling Termination & Testing.
- DC String Wiring from PV Module to Module and Fault Identification.
- Earthing Pit and Lightning Protection System.
- Testing & Instalation of SCB & SMB.
- Installation and Repairing of Low Voltage Switchgear Panels.
- Quality and inspection of Transformer, Switchgear panel, HT and LT motors, Inverters.
- Erection Testing and commissoing of Transformer, switchgear, HT and LT motors.
- Operation and maintenance of BOP, BTG, DM plant, RO plant, CHP, ESP, 132 KV Switchyard, Battery room.

Key Result Areas:

- Managing the electrical project activities involving working out various requirements with respect to utilities, machines, manpower & monitoring overall project operations for ensuring timely completion.
- Establishing standard assembly, test and inspection procedures, inspection reports and test reports for all units.
- Ensuring that site operations are executed smoothly with industrial electrification, installation and testing & commissioning operation.
- Checking machinery, manpower, materials & money; dealing with consultants / licensors / statutory bodies for compliance of requirements.
- Executing the incoming inspection of all electrical & instrument components as per QAP.
- Planning and effectuating preventive / condition based maintenance schedules of various machinery and equipment to increase machine uptime and equipment reliability.
- Identifying areas of obstruction / breakdowns and taking steps to rectify the equipment through application of troubleshooting tools.
- Executing maintenance and troubleshot for transformer, inverter & scada monitoring system.
- Leading, mentoring & monitoring the performance of team members to ensure efficiency in process operations and meeting of production targets.
- Monitoring DC, module mounting structure & module installation.
- Checking modification of drawings according to site conditions, preparing of power cable schedule, 6Sqmm Cable Schedules, SCB Grouping.
- CEIG inspection practice and coordination with Transco. Approvals.
- Executed underground cable laying, terminations, testing & commissioning of substation, HT Panels < Panels.
- Built project baselines; monitoring and controlled projects with respect to cost, resource deployment, time over-runs and quality compliance to ensure satisfactory execution of projects.
- Formulated operating budgets and managing overall operations for executing the designing projects within cost & time norms; checked preparation of bills of various turnkey projects.

- Liaised with the team about Quality & Safety standards during the installation of Solar PV Power Plan.
- Supervised Solar SPV on grid power plant, entire solar PV Plan.
- Created project specific Bills of Material (BOM); communicated requirements to internal engineering and procurement teams to establish accurate and timely pricing data.
- Built dynamic environment that fosters development opportunities and motivates high performance team member.
- Co-ordinating with the project planning, procurement and engineering team during construction phase.
- Ensuring safety norms and other statutory provisions during construction phase (including that by the contractor).
- Documentation of SOPs, FQPs, Reports.
- Timely conduct PR testing, Conduct Signed off Punch Points and Handover of plant.
- Troubleshooting and maintenance on all control systems during plant operation.
- 33kV & 132 KV Switchyard layouts overhead line and planning.
- Lighting layouts & Small power distribution schedules.
- Bulk material take-off & Preparation of Requisition for cables and earthing materials, OHL.
- Materials and Switchyard materials, Technical bid evaluation, Vendor drawing review etc.
- Termination details and interconnection diagrams.
- Managing installation, erection & commissioning of electrical systems.
- HT, DC Cable Trench excavations & laying, termination, Testing and charging work.
- Combiner Box erection and Polarity Test work.
- Factory equipment inspection.
- Operation and Maintenance of plant area.

IT field skills:

- The National resources Centre of CDAC.
- MS Word Excel Advanced.

Other certificates:

- Trafo care 5th workshop on Transformer.
- Bhilai steel plant.
- Bharat heavy electrical ltd.
- Anpara thermal power plant.
- Six sigma yellow belt certification training.

Languages:

- English
- Hindi
- Urdu
- Arabic