

Maruti Nandan Nema

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Objectives

To gain professionalism in a dynamic company, where skills and experience are utilized toward diverse job responsibilities, continued growth and advancement.

Total Experience: 7.5years.

Summary

Erection and Commissioning of Solar Power Plant.

- Successfully done Erection and Commissioning of 50MW Solar Project including Electrical and civil works at village Kadodiya, Ujjain district
- First project of 15MW at Kadodiya village Ujjain
- Second project of 30MW at Kadodiya village Ujjain
- And 5MW solar project Successfully done in Punjab village Bajak.
- At present working in 20MW SOLAR POWER Project at Tarana Ujjain.
- Successfully done Commissioning of 15KW Solar pump Roof top system installed in Mathura U.P.
- Erection of all Solar panels structure
- Commissioning and Installation of all Solar Panels like poly crystalline, Thin film solar Panel solar frontier.
- Commissioning and Installation of all Inverters AEG ABB & L&T inverters.
- Commissioning and Installation of 33KV HT Yard like transformer, VCB, CT&PT.
- Worked in control cables termination in CRP panel for transformer CT, PT, VCB.
- Commissioning and Installation of 66KV HT Yard like transformer, VCB, CT&PT.
- Commissioning and Installation of 11KV HT Yard like transformer, VCB, CT&PT.
- Laying and Termination all types of HT< cables.
- Testing of Transformer, VCB & Cables.
- Erection and Commissioning of 33KV Transmission Line
- Operation and Maintenance of complete Electrical & Electronics Systems.
- Electrical project team management.

Professional Experience

Present Employer	: - Vivaan solar Pvt. Ltd.
Designation	: - Design & O&M Head
Duration	: - 12 th Oct. 2012 to Till now

Role and Responsibilities-

PROJECT –

- Responsible for Erection and Commissioning of Solar Power Projects at Site level.
- Responsible for Project Control and Monitoring.
- Responsible for getting the Project completed within Timelines, Cost and Quality Parameters.
- Responsible for Contract Management and Monitoring at Site Level.

- Ensure Civil, Electrical and Other Necessary Jobs completed at Site within defined criteria's.
- Supervise and Monitor Job Status and Report in Project Schedule.
- Participate in Daily Project Review and Resolve queries accordingly
- Train and Develop Site Engineers.
- Accountable for Transmission and Distribution line (ROW) Setup...
- Seek approvals from Govt. Agencies and Other Regulatory Authorities at Site Level for smooth execution and commissioning Of Project.
- Create checklists for Site Review or Inspection.
- Provide technical direction or support to installation teams during installation, start-up, testing, system commissioning, or performance monitoring.
- Review specifications and Implement Approved Designs at Site / Project Level.
- Drive team to achieve Timely Completion Of Projects.
- Command and Control on Contractors.
- Technically sound on Projects – Electrical side
- Project Monitoring and Control.

Operation and Maintenance

AC Side Maintenance -

- Checked the current, voltage, phase balancing and many more testing's of Transformers 33/11kv.
- Checked the 33KV SF6 circuit breaker 800amp and control relay panels
- Checked the 33kv switchyard Air Break switch, fuses, Lightning arrestors are properly worked with system.
- Checked the all termination and lugging of 33kv HT Cable.
- All types of cable test meager test, continuity test.
- Checked the 33KV Transmission line including Insulators, proper windings, jumpers, Earthing, stay set.
- Managing overall activities pertaining to the Designing of 33 KV electrical system.
- Preparation of Cable & Core Schedule for Power & Control Cables.
- Preparation of Electrical drawing includes Power & SLD Drg of Electrical system

DC Side Maintenance –

- Checked the proper connect positive negative connectors and make strings
- Completely all strings are combined in combiner box and than checked voltage ,current
- Checked the combiner boxes are properly worked including HRC fuses, connection, terminations of all positive negative cables.
- Checked the string cable from PV modules to combiner box
- Checked the outgoing cable from combiner box to inverters. all termination are tight.
- Checked the all inverters are properly worked
- All joints shall be insulated with necessary insulation tape.

Testing & Inspection of Electricals systems -

- All Types of testing like connection tight, continuity check, meager test, HV test, phase balancing test, magnetic balance, voltage ratio, current check, VCB tripping test etc check in Plant.
- Performing the function like replacement & repairing of Switchgears, Sensors, and Controllers etc.

Extra Other Working in Civil field –

- All types of markings like block, offset, array, foundation, HT& LT cable laying, place for smu marking.
- Excavation of structure, 33kv transmission line pole, Earthing pit.
- Successfully done all layout drawing civil & electrical.

Resource Management & Team Management

- Effectively allocating the resources optimizing the available time, reducing wastes for enhancing productivity and profitability.
- Imparting training to the workers for enhancing the performance and productivity

Previous Organization Details

➤ **Teknocrats Controls (I) Pvt. Ltd. Satpur Nasik (M.H.)**

- **Designation** : Costing & Design Engineer
- **Duration** : 16th Aug 2011 to 3rd Sep 2012

➤ **Juhi Electricals Pvt. Ltd. Govindpura Bhopal (M.P.)**

Jan 2009 to July 2011 ([Costing & Design. Engg.](#))

Mfg – All Types of Electrical Control Panels for all Kinds of Process Industries.

Responsibilities

- Costing of all types Enquires & Make Quotations, and various energy reports.
- Installation of MCC, PCC & Power factor (capacitor) panel at the time of site.
- LT panel PCC, MCC, APFC, services at the time of site. Including of all makes Switchgears.
- Working in marketing's field & deal with all parties.

Technical Software's

- Application Software – MS Office (Word, Excel & Power Point)
- Auto CAD-8/10/11 – For Electrical Panel Power & Control wiring diagram. GA and Fabrication

Academia

- **Bachelor of Engineering (2004-2008) in Electrical & Electronics Engineering**, from NRI Institute of Information Science & Technology Bhopal & affiliated to Rajiv Gandhi Technical University Bhopal.
- Completed 12th (PCM) in 2004 From Madhya Pradesh board Of Secondary Education.
- Completed 10th in 2002 From Madhya Pradesh board Of Secondary Education.

Personal Skills

- Self Motivating, Hard working, Confident, Good learner, Sincere, Patient, Creative & Positive.

Personal Information

➤ Father name	:	Mr. C.B. Nema
➤ Mother name	:	Mrs. Meena Nema
➤ Date of birth	:	September 2, 1987
➤ Marital Status.	:	Single
➤ Hobbies	:	Playing Chess & Cricket, Listening Music
➤ Language Know	:	English & Hindi
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Declaration

I hereby declare that the above particulars are true & correct to be best of my knowledge & brief.

Date:-
Place:-

(Maruti Nandan Nema)