

CURRICULUM VITAE

BISHNU PRATAP SINGH

BAGHEL MANSION,
Near Sri Tulsi Public School, Ward No. 22,
Badri Puram, Utaili, Satna.
Madhya Pradesh - 485001, India.

E-Mail: vishnu_igec@yahoo.com

Mobile: - 07566586655, 09873145568.

Date of Birth:-14-12-1982, Marital Status: - Married.



DEPUTY MANAGER – ELECTRICAL & INSTRUMENTATION

Experience across the Industries, Seeking Challenge in Challenging Industry

PROFILE:-

- Competent and tenanted Electrical Engineer offering +11 years of commendable experience as **Project, Operation and Maintenance Engineer with M/s Ion Exchange Projects & Engineering Ltd as a Deputy Manager.**
- Excellent time management skill with proven ability to work accurately and quickly prioritize, co-ordinate and consolidate task, with simultaneously managing the diverse the range of functions from multiple sources.
- Detail- oriented with strong technical skills but also skilled of keeping sight of larger strategic business picture & making optional long-term business division.
- A versatile person with interest of reading newspaper, cricket, music, surfing internet, travelling.
- Multilingual with proficiency in English & Hindi.

TECHNICAL SKILLS:-

- Ability of Project management
- Knowledge of Electrical and Mechanical Operation & Maintenance of plant.
- Process related knowledge of water system.
- Knowledge of Operation on DCS, PLC, SCADA HMI System.
- Knowledge of auto logic preparation as per required system.
- Knowledge of Planning, Erection, Commissioning and Testing in the field of Electrical & Instrumentation Engineering.
- Knowledge of Planning, Erection and Commissioning in the field of Mechanical Engineering.

PROFESSIONAL EXPERIENCE:-

M/s ION EXCHANGE (I) LTD, MUMBAI

FROM- 5TH NOV-2012 TO TILL DATE.

Ion Exchange Projects & Engineering Ltd engaged EPC/ LSTK Projects based on Water Systems. We are professional in EPC and LSTK projects related to all type water packages systems specially for Raw Water Pre-Treatment Plant (PT Plant), De Minerals – Portable Water System (DM Plant), Dual Media Filter (DMF), Side Stream Filtration Plant (SSF system), Condensate Polishing Unit (CPU System), CW Dosing System, UF System and RO Plant Systems, Soft water plant, Sewerage Treatment Plant (STP Plant), Waste Water Treatment Plant (WWTP), RO Plant based on Desalination Plant, Filter Press System, Thickner, Lamella clarifier, Liquid Effluent Treatment System (LETS), Coal Slurry Settling Pond (CSSP), Oil Skimmers.

Also we are responsible for all type of Execution, Commissioning, Operation and Maintenance work. In all streams to facilitate the system for smooth operation. Electrical / Instrumentation / Mechanical / Civil work till P.G.Test and Handover of our plant / system.

Job Responsibility:-As a **Project In-Charge** my job involves the complete management of site, i.e. **Planning, Erection, Commissioning, its trouble shooting, Operation & Maintenance of plant till Final Performance Guarantee Test Report- PGTR and Final hand over of plant.**

Project Handled:

1. **D.B. Supper Thermal Power Plant 600X2 MW Champa Raigarh (C.G) From Nov-2012 to Dec-2013 – Project Completed.**

D.B. Power is the client & L&T Power Ltd is the main contractor and project regarding to Supply, Erection, Commissioning of **DM Plant – 3x90 m³/Hrs, PT Plant-3200m³/Hr, UF System, CW Dosing System, AVGF System, CPU System.**

2. **NTPC Tamil Nadu Energy Company Limited Vallur Thermal Power Project (3x500 MW) at Attipattu Pudunagarh, Chennai in March-2014 - Project Completed.**

Scope of work:- Supply, Erection, Commissioning of RO based on Desalination Plant of capacity (Permeate flow) of **20 MLD, DM Plant-3x90m³/Hrs**, Including all its piping with Electrical and Instrumentation works.

Role: - Coordination in PG test completion as an In-charge E&I.

3. **JSW Steel Toranagallu, Bellary- 12 MTPA (Karnataka) From Jan-2014 to May-2016 – Project Completed.**

Scope of work:- Supply, Erection, Commissioning of Pump House, Pressure Filters, UF, RO System, Heat Exchanger, Softener Unit, Scraper, Sludge Thickener, Blowers Side Stream Filtration Plant (SSF system), Dual Media Filter (DMF), Oil Skimmers, Filter Press System. Including all its piping with Electrical and Instrumentation works.

- SMS-III – Water Complex System (WCS) - Completed.
- BRM-II – Utility System – Completed.

4. **KIA Motors Anantapur (Andhra Pradesh) from April-2018 to Feb-2019–Project Completed.**

KIA Motor and Hyundai Engineering & Co. Ltd are the client and project regarding to Supply, Erection, Commissioning of RO, UF System with Zero liquid discharge, Portable water system, Evaporators, Waste water recovery system, Sewerage Treatment Plant (STP Plant), Waste Water Treatment Plant (WWTP).

5. **N.T.P.C Khargone Super Thermal Power Plant 660X2 MW (Madhya Pradesh) in Feb-2020– Project Completed.**

NTPC is the client & L&T Power Ltd is the B.O.P contractor and project regarding to Supply, Erection, Commissioning of **DM Plant – 3x90 m³/Hrs, PT Plant-3200m³/Hr, CW Dosing System, CPU System.**

Role: - Coordination in PG test completion as an In-charge E&I.

6. **N.T.P.C Solapur Super Thermal Power Plant 660X2 MW (Maharashtra) from June-2016– Ongoing Project.**

NTPC is the client and project regarding to Supply, Erection, Commissioning of DM Plant – 3x90 m³/hrs, PT Plant, CW Dosing System, RGF System, Chlorination house, Lamella Clarifier, Waste water recovery system, CSSP.

M/s DAS INSTRUMENTATION PVT.LTD, NAVI MUMBAI.FROM 12-JULY-2011 TO 4-OCT-2012.

DIPL is sister concern of Das Offshore Engineering Pvt. Ltd engaged in pre and post engineering of projects, erection and commissioning of electrical, instrumentation and mechanical activities in offshore & onshore.

Job Responsibility: As a **Senior Engineer** my job involves the complete planning, commissioning, testing and its troubleshooting in Offshore Oil & Gas Projects. During this tenure involved in rehabilitation works for offshore complexes, shut down-Hook up and assisted for tender submission, onshore maintenance activities, etc.

These projects includes replacement of Main Injection Pumps, Sea Water lift pumps, Booster Pumps, FG Skid, Fine filters, Coarse filters, Chlorinators, Fire Water system, DO tower, Instrument & Utility compressors, Sump pump, Transformers, Utility Generators, HV & LV Switchgears, DCS Upgradation, Battery replacement, Pipe replacements, Platform modifications works etc.

Project Handled:

- WIN REVAMP PROJECT. (Project Completed) for M/s O.N.G.C. Ltd. Mumbai.
- 3- CLAMPON PROJECT. (Project Completed) for M/s O.N.G.C. Ltd. Mumbai.

M/s ROHINI INDUSTRIAL ELECTRICALS LIMITED MUMBAI. FROM 16-NOV-2010 TO 25-JUNE-2011.

Job Responsibility: As a **Electrical Engineer** my job involves the complete Study of Project and its execution.

Bombay Dyeing & Manufacturing Company Ltd is the client and project regarding to the electrification of building included domestic and commercial lighting, Pump House, Utility Generators, LV Switchgears etc.

Project Handled:

- Commercial Tower (TMCB-II) for M/s Bombay Dyeing & Manufacturing Company Ltd, at P.B.Marg, Worli Mumbai. (Project Completed).
- Residential Tower (S.M.R.T. Dadar) for M/s Bombay Dyeing & Manufacturing Company Ltd, at G.D.Ambekar Road Dadar, Mumbai. (Project Completed).

M/s MARINE ELECTRICALS PVT.(I) LTD, MUMBAI.FROM 17-SEP-2009 TO 15-NOV-2010.

Job Responsibility: As a **Electrical Engineer- Production Department**, my job involves the complete Study of Project, production planning and testing of control panels manufactured by our company and troubleshooting.

Successfully Handled 3rd Party Inspection for Panels:

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|--------------------|---|
| 1. C.Q.A.E. | Chief Quality Assurance Evaluator. |
| 2. B.V. | Bureau Veritas. |
| 3. I.R.S. | Indian Register of Shipping. |
| 4. D.N.V. | Det Norske Veritas. |

MY ENGINEERING RESPONSIBILITIES & ACTIVITIES INCLUDE:-

1. Preparation of power and control cable schedule, instrument schedule, hook-up and P&ID.
2. Finalization of Instrumentation Philosophy for Automation of system.
3. Finalization of process automation with consultant and Ion Exchange process team for critical services and loops.
4. Ensure implementation of project scope as per Capex and any addition as per agreed project need.
5. Reviewing engineering drawings, layouts, diagrams, technical specifications, cost estimates for erection & commission of the plant.
6. Preparation of protocols against commissioning reports.
7. Knowledge of preparing Variation Order against B.O.Q, Bills preparing & Measurement Sheet.
8. Support and coordinate with other disciplines regarding Instrumentation requirements, Develop Instrumentation and automation concepts.
9. Track project-specific targets for the discipline within the framework of the project design and implementation into planning. Responsible for costs, quality and schedule within project frame.
10. Implement and supervise the Instrumentation and automation work for construction, test & commissioning.
11. Monitor contractors or support complete planning/management for projects.
12. Reporting the progress status of discipline activities on weekly/ monthly basis as per the requirement.
13. Ensuring completeness of as built documentations and records and hand over to user departments

Tender work:

1. Preparation of all documents related to smooth execution of the projects.
2. Study of tender document, tracing out the E&I scope and identifying the scope of work.
3. Co-ordinate with vender for instruments quotation, and placing the purchase order.
4. Estimating the material and manpower requirement for job execution.
5. Finalizing of contractors for jobs.

Electrical Works:

1. Testing, Installation and Commissioning of LT Switchgears.
2. Knowledge of testing, commissioning, operation of PLC/ DCS systems.
3. Knowledge of making logics for Auto Commissioning System.
4. Knowledge installation and commissioning of various motors.
5. Knowledge of Starters, Soft Starters, VFD's.
6. Distribution Panels, Alarm Monitoring Panels.
7. Knowledge of Battery Chargers, UPS and Battery Banks.
8. Knowledge of installation and commissioning of Horizontal/ Vertical pumps of various capacities.

Mechanical Works:

1. Planning/organization and checking of work progress of schedules to meet the dead lines/target dates & Implementing.
2. Erection and Commissioning of Static and Rotary Equipments i.e, Motors, Pumps, Vessels, Blowers, Agitators.
3. Hydro test of pipes & Equipment.

EDUCATIONAL CREDENTIALS

- B.E. Electrical Engineering from Indira Gandhi Govt. Engineering College Sagar (M.P.) with 64.00% in 2009.
- Certified Diploma Course of Hardware Engineering from Hard Zone Indore (M.P.) with Grade – Good in 2004
- H.S.C. from R.C.English Medium School Chachai, M.P. Board with 54.00% in 2001.
- S.S.C. from R.C.English Medium School Chachai, M.P. Board with 64.00% in 1999

GENERAL DETAILS

- **Current CTC** : **8.00 Lakhs PA Salary.**
- **Incentive** : **1.10 Lakhs PA.**
- **Company Benifits** : **Family Accomodation and Company Vehicle.**

PERSONAL DETAILS

- **Father's name** : **Sri Kaptan Singh Baghel**
- **Permanent Address** : **C/o Kaptan Singh Baghel,
Village & Post-Devdaha, Tehsil-Ramnagar,
District- Satna, M.P – 485881, India.**

Giving an opportunity to work in your well esteemed organization, I will put all my effort for the continuous growth of the company.

Date:

[BISHNU PRATAP SINGH]