

PADMAKAR RAMESH WAGH

Flat No D-2, Shreeram Sahniwas Society, Katraj, Pune – 411046

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MECHANICAL DESIGN ENGINEER

Offering more than 5 years verifiable accomplishment as a Mechanical System Engineering professional in a reputed industry as in field of Electro-Mechanical power generation & water handling segment

PROFESSIONAL SYNOPSIS

- Effective & Accountable in high-profile role of a Project Engineer
- Result-proven, growth oriented Mechanical System Engineer
- Characterized as a skilled engineer who can transform conceptual work into workable solution through effective design, integration, Control & Monitoring and Commissioning

CORE COMPETENCIES

- Conceptual system design
- Project Scoping & Management
- Technical Finalization
- Onsite operational and Technical Support
- Operational Process Analysis
- Communication and Negotiation skill
- Optimism & Truthfulness
- Honesty and Dedication to work

WORK EXPERIENCE

I. KIRLOSKAR BROTHERS LIMITED, PUNE

Mechanical Engineer/Assistant Manager (Dec 2012 – present)-5 Years

Company's Profile-

- Kirloskar Brothers Limited is a parent company of Kirloskar Systech Limited (for which I use to work prior amalgamation of KSL into KBL) which is a global fluid management solutions provider and the largest manufacturer and exporter of centrifugal pumps and valves from India. With a humble beginning more than a century ago, KBL has made its presence across the globe. Its unparalleled product range serves as lifetime to many industry segments. KSL provides complete system engineering support to KBL and its subsidiaries for EPC projects and engineered products.

Responsibilities

- Lead overall Mechanical engineering operation of project engineering and responsible for collection of proceeds
- Responsible for delivering engineering documents against agreed scope, budget, schedule and customer expectations.
- Responsible to approve engineering drawings of the project.
- Responsible for collection and delivery of equipment's documents within the stipulated time.
- Review status of document and expedite the engineering of the project as per the schedule
- Organize review meetings with customers, vendors and manufacturing units for continuous improvement in engineering procedure, purchase and supply chain management.
- Generate monthly reports / Schedule and organize Engineering Review meetings.
- Track engineering deliverables using appropriate tools and constantly monitor and report on progress to stake holders.
- Responsible for Achievements of Engineering completion to met recovery targets of Project Manager As per AOP
- Manage engineering targets and time allocations for activity completion.
- Maintaining compliance with documentation procedures, safety and other statutory measures.

Coordinating with:

- Co-ordination with Vendors for ordering and drawing approval of various brought out items like Crane, Oil Pressure unit, Sluice Gate, Blowers, Air Handling Unit, Fire Fighting Equipments, Air conditioning and ventilation system Equipments, piping, Valves, Horizontal Pumps, VT Pumps, Metallic Volute Pump, Concrete Volute Pumps, Turbines, Strainers.
- Co-ordination with Client/ Consultant for engineering issues and drawing approvals.
- Co-ordination with internal departments like Purchase, Projects, commercial, legal, Quality for various issues.

- Co-ordination with site persons, sub-contractor for erection and commissioning activities

Professional:

- Completed HVAC Design and Drafting, Dhanush Engg. Services India Pvt. Ltd., Hyderabad
- **Hands on experience in AutoCAD.**
- Hands on experience in MS Office & MS CIT
- Pump Fundamentals, Pune, (2013)
- Workshop: Selection, Operation & Maintenance of Centrifugal/VT Pumps, CWPRS Pune.
- DPR Preparation and Evaluation for SHP Projects, IIT Rookree.

KEY RESULT AREAS

Project Initiating:

- Spearheading during pre-tender preparation with Marketing department
- Providing techno-commercially viable solution during preparation of Project bid

System Engineering:

- Project Engineering Plan developed through proper planning, documentation and compliance of statutory norms
- Defining Scope of Project, creating Work Breakdown Structure, defining activities, sequential activities and developing the engineering schedule
- Effectively planning, monitoring and controlling the progress of engineering work
- Analyze the activities required to complete the engineering to achieve project deadline
- Coordinating with Marketing department to find out Project Cost and to determine the engineering proposal accordingly
- Standardization of check lists, drawings & sizing calculation sheets.

Project Execution:

- Providing support to Execution team to execute the project within time.
- Preparation of Pump House GA drawing, Pump House sizing as per HIS, Air conditioning and Ventilation system design & Layout, Fire fighting system design and layout, Design of cooling water for Hydro turbines and Pumps and other auxiliaries.
- Preparation of Pump head calculation, Foundation load calculation, NPSH Calculation and sump sizing calculation etc.
- Preparation of P&I diagram for hydropower projects and pumping projects like CW system, Makeup water system, Raw Water system for thermal power Project and Irrigation scheme.
- Preparation of enquiry specification of Mechanical equipment's and evaluation of vendor offers for Mechanical equipment's
- Evaluating technical and commercial proposals submitted by prospective vendors during consideration of their techno-commercial offers.
- Playing a key role in all project execution activities through coordination with client, processing unit representatives, sub vendors, members of site team and contractors and prepare cost benefit analysis for the major projects
- Co-ordination with clients for drawing approval and technical issues related to Mechanical equipment's.
- Maintaining healthy relationship with vendors and contractors and negotiating with them whenever required.

PROJECTS HANDLED

- **SCOPE- MECHANICAL SYSTEM ENGINEERING, DOCUMENT APPROVALS, PROCUREMENT, ERECTION, TESTING AND COMMISSIONING OF FOLLOWING PROJECTS-**

- 1) **1*1.8 MW CHIKOTRA HYDRO ELECTRIC PROJECT, MAHARASHTRA.**
- 2) **2*4.95 MW RAJPUR HYDRO ELECTRIC PROJECT AT RAMPUR, HP**
- 3) **VASANA-PIRANA SEWAGE WATER PUMPING SCHEME-REFUTBISHMENT,AHEMDABAD,GJ**
- 4) **ESCO BASED-PUMPING SCHEME-GIDC VAPI -WTP-REFURBISHMENT**
- 5) **TUNGA LIFT IRRIGATION SCHEME KARNATAKA.**
- 6) **NTPC SOLAPUR PROJECT (CW PACKAGE)**
- 7) **NTPC MOUDA II PROJECT (CW PACKAGE)**
- 8) **NTPC TANDA II PROJECT (CW PACKAGE)**
- 9) **PADA LIFT IRRIGATION SCHEME KARNATAKA**

10) BAMBVADE LIFT IRRIGATION SCHEME ,SANGALI

CREDENTIALS

Academic:

- Pursuing ME (Heat Power) - Pune University.
- B.E. (Mechanical)-North Maharashtra University- First class with distinction. (66.13 %)
- H.S.C- MAHARASHTRA STATE BOARD-First class. (66.50 %)

Beyond Curriculum:

- Participated and secured second prize in “Shodhprakalp Pratiyogita” for final year Project “**Stair Case Climbing Robocar**”.
- Participated in “Roborace” National level technical fair “CONSCIENTIA-12” at KCE Jalgaon.
- Participated and secured first prize in Patriotic show.
- Attended Youth Leadership Training Programme.

PERSONAL PARTICULARS

- Date of birth: 7th August 1989
- Languages known: English, Hindi and Marathi
- Correspondence Address: Flat no.C-4, Shreeram Sahniwas Society, Katraj, Pune- 411046
- Permanent Address: 3BAdrash Nagar, Parola, Jalgaon- 425111
- Contact Number-9689904190
- Marital Status- Single
- Nationality- Indian

I hereby declare that the information given herewith is true to best of my knowledge.

PADMAKAR R. WAGH