

MANISH MANI

(Assistant Manager)

Contact No.: (M) +91 – 9711446336

(M) +91 – 7982342844

E-mail: manishmanitiwary@gmail.com

PERSONAL SUMMARY

A competent mechanical engineering professional with excellent communication, organization and co-ordination skills. Possessing a proven track record of preparing and executing project plans and programs, ensuring that work is carried out in accordance with the company's procedures and client's satisfaction. Able to ensure timely, safe and cost-effective design and implementation during the life cycle of projects from conception till customer satisfaction.

WORK EXPERIENCE

- **Multitex Filtration Engineers Ltd. New Delhi : Assistant Manager (March 2013 till present)**
Ensuring that all engineering work is carried out in accordance with specifications, statutory requirements, laws, rules, regulations and other contractual requirements. With due regards to safety, operability and maintainability

KEY RESPONSIBILITIES:

- **Engineering Co-ordination and Monitoring Responsibilities:**
 - Study Contract specifications for engineering deliverables
 - Engineering co-ordination to ensure timely completion of engineering deliverables.
 - Providing technical support to the project team and wider regional teams.
 - Producing Engineering schedule and status reports.
 - Overseeing the commissioning and performance test of projects after completion.
 - Responsible for the completion of all documentation.
 - Prepare technical specifications & documents for procurement of packages / BOI's.
 - Evaluating technical offers from vendors and preparation of technical bid analysis.
 - Co-ordination of outsourced engineering activities like CFD, FEA, Seismic analysis, structural analysis etc. to ensure timely submission and approval of reports from client
 - Liaising with customers (NPCIL / NTPC) on a regular basis to ensure statutory approval on documents like Seismic Analysis Reports / other permits & assist project team in getting IRN
- **Engineering Responsibilities:**
 - Pressure drop calculations
 - Mechanical Data Sheet Preparation
 - Pump selection and sizing viz. TDH and NPSH calculation
 - Gearbox and actuator selection
 - Sacrificial Anode sizing calculations
 - Technical review of vendor data sheet / documents pre and post ordering.
 - Review of GAD's, Manufacturing drawings etc.

- **Autotech Machine Tools Sales & Services**

Graduate Engineer Trainee- June 2012 to Feb 2013

Assisting Sales manager in achieving sales target by visiting potential customer for new businesses.

Duties:

- Observing sales process by traveling with sales representatives; attending sales and service calls.
- Practicing sales process by calling on existing accounts; adhering to established sales steps.
- Accomplishes sales and organization mission by completing related results as needed.

MAJOR PROJECTS EXECUTED

- **KUDANKULAM NUCLEAR POWER PROJECT UNIT 3 & 4- Sea Water System-COLTCS Package**

- **End User: Nuclear Power Corporation of India Ltd.**
- **Contractor / Customer: Tata Projects Ltd.**
- **Project Cost: INR 25 Cr**

Brief Project Description:

Engineering, fabrication, supply, erection & commissioning and handover of Condenser on load tube cleaning package for KKNPP Unit 3 & 4 to be installed in CW line of condenser Sea water system.

The equipment falls under Nuclear Safety Class 4 and Nuclear Seismic category II.

- **Roles & Responsibilities:**

- Study complete technical specifications for engineering deliverables
- Engineering integrator / coordinator for the project from conception till dispatch.
- Attending Kick off meeting and Engineering review meetings
- Producing Engineering schedule and status reports.
- Preparation of Mechanical datasheets and procedures.
- Responsible for the completion of all engineering documentation.
- Review of CFD report of System and coordination with NPCIL for approval.
- Review of Seismic Analysis report of the system and coordination with NPCIL for approval.
- Prepare technical specifications & documents for procurement of BOI's like Pump, Gearboxes, Actuator, Ball valves/NRV, Butterfly Valves etc.
- Evaluating technical offers from vendors and preparation of technical bid analysis.
- Liaising with NPCIL on a regular basis to ensure statutory approval on Major documents & permits & assist project team in getting IRN

- **1X800 MW Kudgi Super Thermal Power Project- COLTCS System STG Package**

- **End User: National Thermal Power Corporation.**
- **Contractor / Customer: Toshiba JSW Power System Pvt. Ltd.**
- **Project Cost: INR 2.8 Cr**

Brief Project Description:

Engineering, fabrication, supply & commissioning of Condenser on load tube cleaning package for Kudgi STTP to be installed in CW line of condenser.

- **Roles & Responsibilities:**

- Study complete technical specifications for engineering deliverables
- Engineering integrator / coordinator for the project from conception till dispatch.
- Attending Kick off meeting and Engineering review meetings
- Producing Engineering schedule and status reports.
- Preparation of Mechanical datasheets and procedures.

- Responsible for the completion of all engineering documentation.
- Review of CFD report of System and coordination with NPCIL for approval.
- Prepare technical specifications & documents for procurement of BOI's like Pump, Gearboxes, Actuator, Ball valves/NRV, Butterfly Valves etc.
- Evaluating technical offers from vendors and preparation of technical bid analysis.
- Visiting IIT-R & IIT-D for CFD research & Prototype testing for resolution of flow behavioral issue in CW line at upstream of installed equipment in delivered package.

- **IFFCO Phulpur- Fuel Gas conditioning Skid Package**

- **End User: IFFCO Phulpur**
- **Contractor / Customer: MHPS Pvt. Ltd.**
- **Project Cost: INR 1.65 Cr**

Brief Project Description:

Engineering, fabrication, supply & commissioning of Fuel Gas Conditioning skid at IFFCO Phulpur. Fuel gas conditioning package was delivered to IFFCO Phulpur for pretreatment of natural gases & other ignitable gases before infusing them to gas turbine generator. This Fuel gas conditioning skid also eliminates every single liquid drop and solid particles and change the gas temperature and pressure as per injection requirements.

- **Roles & Responsibilities:**

- Study complete technical specifications for engineering deliverables
- Engineering integrator / coordinator for the project from conception till dispatch.
- Attending Kick off meeting and Engineering review meetings
- Producing Engineering schedule and status reports.
- Preparation of Mechanical datasheets and procedures.
- Responsible for the completion of all engineering documentation.
- Customer coordination for getting approval on engineering documents.

- **Tanzania Electric Company Ltd.- Fuel Gas conditioning Skid Package**

- **End User: Tanzania Electric Company Ltd.**
- **Contractor / Customer: MHPS Pvt. Ltd.**
- **Project Cost: INR 1.15 Cr**

Brief Project Description:

Engineering, fabrication, supply & commissioning of Fuel Gas Conditioning skid at Dar Es Salam-Tanzaia. Fuel gas conditioning package was delivered for pretreatment of natural gases & other ignitable gases before infusing them to gas turbine generator. This Fuel gas conditioning skid also eliminates every single liquid drop and solid particles and change the gas temperature and pressure as per injection requirements.

- **Roles & Responsibilities:**

- Study complete technical specifications for engineering deliverables
- Engineering integrator / coordinator for the project from conception till dispatch.
- Attending Kick off meeting and Engineering review meetings
- Producing Engineering schedule and status reports.
- Preparation of Mechanical datasheets and procedures.
- Responsible for the completion of all engineering documentation.
- Customer coordination for getting approval on engineering documents.

KEY SKILLS AND COMPETENCIES

- Extensive experience of Engineering Co-ordination & management and mechanical design.
- Experience of interpreting specifications and preparing technical proposals.
- Ability to multi-task in a demanding engineering environment.
- A strong track record in delivering projects on time and within budget.
- Resolving complex technical issues and coming up with fast efficient solutions.

SOFTWARE/TOOLS

- PV Elite
- AutoCAD
- Microsoft Project.
- Primavera P6 (Training Course)
- Microsoft Office

QUALIFICATIONS

- **BACHELOR OF TECHNOLOGY (B.TECH)** in "**Mechanical Engineering**" from Hindustan College of Science & Technology, Mathura (Affiliated to Uttar Pradesh Technical University) in year 2012.
- Senior Secondary from Guru Gobind Singh Public School, Bokaro Steel City affiliated to CBSE in year 2007.
- Higher Secondary from Baldwin Academy, Patna affiliated to CBSE in year 2005.

PERSONAL DETAILS

Citizenship	:	Indian
Date of birth	:	24 th February 1990
Father's name	:	Mr. Gouri Shankar Tiwary
Gender & Marital Status	:	Male & Married
Languages	:	Hindi & English
Correspondence Address	:	81C, Pocket F, Mayur Vihar Phase II New Delhi-110091
Permanent Address	:	103A, Maa Shanti Vihar Appartment Priyadarshi Nagar, Bailey Road, Patna-801503

REFERENCES

Available on Request

Place: New Delhi

(Manish Mani)