**Senthil**

Senior Project Engineer / Project Manager

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Professional Profile

Senior Project Engineer / Managerwith a proven record of accomplishmentin leading and executingindustrial projects ranging up to multi-millionUSD (ranging between USD 30,000 and USD 500 Million) in the Middle East region across different phases of project lifecycle.Expert in Coordinating with diverse teams including internationally renowned Technology providers, EPC contractors, Suppliers, etc., for completing scheduled shutdowns, modification and expansion projects successfully.

LedProject Management teams for over 20 years in the departments of Projects, Engineering, QA/QC, and Maintenance in Oil &Gas, Petrochemicals and Metals industriesin Qatar, UAE, Bahrain & India. Excelled through major contributions in achieving theorganizational / project objectives of continuous improvement and controlling costs.

Key skills

* Project Management: Collaborated with stakeholders and project teams of multi discipline and diverse scope, ultimately delivered the key project objectives complying with project timeline and budget; completed major greenfield, brownfield, modification, shutdown projects.
* Contract Management: Competentwitheffective Contract Management, decision-making and impressive board presentations; Negotiated and finalized major contracts with good financial gains.
* Instrumental in management decision on numerous diverse projects through effective co-ordination skills with diverse stakeholders background.
* Quality Control: Implemented Quality control system for Gas plants, petrochemicals and process plant,in the area of pressure piping / tanks, equipment, valves, etc.Familiar with AWS, ASME, ASTM, API and other industrial codes related to Piping, Tanks & fabrication.
* Quality Assurance: Implemented ISO management system and drafted department procedures for fabrication, welding & painting. Also offered Technical Writing when needed.
* Planning: Expertise in Project planning with emphasis on,resource planning, scheduling, requirements gathering, construction, scope change management, risk management, etc.
* Liaison with government agencies like MIC/ Kahramaa, ASHGAL to obtain approvals.
* Undergone several safety programs and implemented highest safety standards at work place.

Career Profile :

**Feb 2018 – Present**

Proprietor of Swetha& Co. and Director of Lead Point Business Solutions, Nagercoil, India

**Jan.2008 – Jan.2018**  **QASCO, QATAR**

Performed key responsibilities and achievements in the following jobs / areas of work:

* FEED to increase overall plant productivity and equipment reliability
* Undertook newer constructions, modified operations, maintenance and service departments
* Improved working environment with efficient co-ordination skills and by initiating HSE certifications
* Prepared technical scope , bid documents (RFP/RFQ), floated tenders, and led the team involved in the techno-commercial evaluations, negotiations and finalization of vendors in technical packages
* Finalized layouts / P&ID’s,basic and detailed engineering, conducted kick off meetings, review meetings,disseminated the contract scope amongst stake holders for all projects handled.
* In charge for the Contract finalization of Entire SMS Project incl. 13 major packages and P.O’s (More than 300) worth 250 Million USD. Familiar with Contracts managements of Lump sum, Re-measurable, Unit rate, cost plus contracts. Devisedand drafted contracts.
* Conducted Daily / weekly / Monthly meetings with Consultants / contractors defining project progress , discuss major issues and solutions, implement and manage project changes and interventions to achieve project outputs, to evaluate and assess the project results.
* Manage and oversee the day-to-day construction management of the project. Incharge for cranes, Material handling and water treatment packages for design up to commissioning
* Drafted and submitted budget proposals, recommend subsequent budget changes wherever necessary. Perform regular co-ordination with project accountant / budget controller to monitor and control costs.
* Knowledge of stage gate project delivery process and the ability to deliver structured schedules and plans appropriate to each phase, Proactively managed changes in project scope, identify potential crises, resource management and devised contingency plans. Cost optimization of Projects and Value Engg.
* Approval authority for Review and approval of consultant / supplier’s invoices for all projects handled.
* Identify contractual problems and possible claims from the stakeholders and taken appropriate action to ensure and anticipate a satisfactory resolution. Closing of contracts / disputes, etc.,
* Provide recommendations and institute measures for improvement by modification to operating procedures/ work instructions Adhere to Company Safety Standards and promote safety culture among the ranks throughout the Company.

**Feasibility Studies / Projects Handled:**

Listed are the feasibility studies handled:

* New Melt shop Project (EAF-5)&New DR Plant and expansion projects
* Modification of Bottom shell exchange for existing furnace
* Online tapping of furnace& Hot DRI charging from DR-2 to EAF-5
* EIA (Environmental Impact Assessment) studies for new steel plant.
* Construction of New wire rod mill.

**Projects Handled:**

Following are the some of the major jobs handled from initiation phase up to project closing.

* **Construction of New Melt shop of 1,100,000 Tons / Annum from Project Initiation stage up to project close out.**
* Piping projects for providing Utilities such as Natural gas, Oxygen, Nitrogen, Seawater etc.,to various plants ; Relocation of flare stacks; Pneumatic sampling lines, etc.,
* Supply / Installation of CEMS (Continuous Emission Monitoring System) in Various Stacks.
* Layout finalization, tendering and execution of Material Handling system for EF5 Project
* Interconnection of DR-2 Product supply conveyor to DR-1 product supply conveyor.(DR-2 to EF3)
* Supply & Installation of Lime / Carbon storage silo’s with conveying systems.
* Interconnection of DR-1 to DR2 Product supply conveyor.(DR-1 to EF4)
* Up gradation of Jetty Material Handling System (unloaders, conveyors, fenders) etc.,
* Condition Assessment of Structures at various plants in Qatar Steel.
* Supply & Installation of New Truck Scales (02 Nos.) with Radiation detectors.
* QA/QC Activities for the Construction of 2x275 TPD calcined lime plant.
* EPC of structural sheds, warehouses, service buildings, etc.,
* Construction of New Asphalt roads inside Qatar Steel, slag dumping platform.
* Prepared / Approved WPS/PQR, for CS, SS & Alloy steel for Central Repair Shop.
* Periodic Inspection of Ladles / Modification of Ladles.
* Handled variety of jobs related to improvement of Reliability of the Plant, structural projects.
* Handled numerous Safety Improvement jobs / projects e.g. , Installation of fire hydrant network, fire detection system, fixing of, access bridges, inspection platforms, emergency exits, handrails commissioning of pump house, Exhaust fans,etc.,

**Nov.2006 – Nov.2007** **COSTAIN ABUDHABI CO.WLL., UAE**

Worked as QA/QC Engineer in Das Island Offshore projects U.A.E for the Clients ADMA OPCO and ADGAS for Maintenance Modification and Shutdown Projects related to all Piping’s, Structures, Spheroids, Valves, etc.

Performed QA/QC Activities for MARGHAM DUBAI, Ruwais Shut down projects carried out by COSTAIN for inspection of Vessels, Tanks, Flare, Orifice Plates, Testing of PSV’S, Hydro Testing of Air Receivers, Flange

Tightening of High Pressure Lines, Preparation of Handing over Documents, Inspection reports etc.

* Performed joint Inspections for the adequate Materials, Welding, pipelines, pressure Testing of valves, etc.,
* Performed Internal Audits for ISO 9001 / ISO 14001; Preparation of WPS/PQR for approval process.
* Developed project specific PQP, QCP/ITP & Work instructions for each section of the work.
* Prepared and submitted final test packages / dossiers like Material submittals, hydro test packages, Tie-in package, and final As-Built drawings etc.,
* Establish liaison / co-ordination with Client / Third party Inspections on all matters relating to QA/QC.

**June 2004 to August 2006** **ATLAS MECHANICAL., BAHRAIN**

Worked as QA/QC Engineer for (i) ALBA / **Bechtel**’s Line 5 Expansion project in the Fabrication and Installation of the entire Alumina Handling Systems, (ii) Inspection activities for the Bath Treatment Plant for Silo’s, Ducts, Structures & Piping etc., (iii) Fabrication & Installation of Roller Conveyors for Rodding Plant, ALBA (BROCHOT, Germany) (iv) Refurbishment of Pot-Shells and Over Hauling of Super Structures, ALBA

* Preparation of ISO Documents Quality Manual, Quality Procedures and formats for the Management Activities in Mechanical Division. Implementation of the Quality Management System in ISO 9001 Standards single handedly. Preparation and performance of Internal and External Audits.
* Co-ordination with the client / subcontractors for Quality Related matters. Preparation, Implementation and monitoring Quality plans, Quality Procedures & ITP’S
* Quality Control Activities like Inspection of In-coming Materials, Fabrication, Welding, Erection, Alignments (HDPS Conveyors, Blowers, Compressors, Aeration Fans) etc.,
* Responsible for the preparation of Test Packs for Hydro / Pneumatic / Service Tests & submission to Client, Inspection and Witnessing of Tests, calibration of gauges, etc.,

Previous Projects Summary (India)

**Dorman Engineering Pvt Ltd. (Jul. 2001 – Mar. 2004)**

[2-2003 till 3-2004] As QA/QC Engineer, Panipat Refinery – Haryana.DEPL, Larsen & Toubro Limited.

Fabrication and Erection of Reformer Package, Heater Units, Chimneys, incl. piping,

[6-2001till 1-2003] As QA/QC Engineer, DEPL, Reliance Polymers – Nagpur.

Fabrication and Erection of Polymer Piping

Erection& Alignment of Equipment’s, Pumps.

**Neo Structo Construction Limited. (Nov.1998 – Sep.2000.)**

[9-1999 till 8-2000] In Quality Control & Planning depts.

Fabrication & Erection of 2m dia. Cross Country Welded Pipe Lines, Gujarat.

[11-1998 till 9-2000] As Engineer (QA/QC)

Neo Structo Construction Ltd., Reliance Petroleum Ltd. (Process Piping, Structural & Equipment Installation, Alignment, Testing and commissioning), Jamnagar, Gujarat.

Co-ordination with NDT subcontractors and interpretation for Radiography, Ultrasonic & MPI.

Welding Inspection, Inspection of piping, structural, hydro test for the Plants Amine, Coker &Sulphur Granulation. Preparation of test packages, Inspection reports, Audit reports., etc.,

Academic Qualification & Certifications

**Bachelor of Engineering (Mechanical),**

M.S.Ramaiah Institute of Technology, Bangalore University, INDIA, 1998.

**Master of Project Management**

(Pursuing Certification)

**Project Management Professional (PMP)**

MMIT, Qatar (Pursuing Certification)

**CSWIP 3.1 – (U.K) Certified Welding Inspector**

**American Society for Non-Destructive Testing (ASNT-Level-II)**

**in RT, UT, MPT & LPT.**

Vaigai Consultants, Trichy, INDIA.

**Computer Skills**: MS Project, MS Office, AutoCAD, Oracle etc.,

**Courses / Trainings:**

Following are some of the **courses / Trainings** attended:

* Supervisory Orientation Training in Safety, Bechtel, Bahrain.
* Various Offshore Safety Trainings (H2S, Firefighting, Breathing Apparatus, etc.,) at ADMA OPCO / ADGAS
* Work Permit System Course / Permit to Work (PTW) Certifications at ADMA-OPCO Training Centre.
* Internal Audit course (Environment Management System),Velosi,Qatar
* Enterprise Risk Management Workshop, PWC, Qatar.
* *Technical Writing skills*, GLOMACS,Qatar.
* *Permit To Work (PTW)* system at QP / MIC, Qatar.
* *Lessons learnt from Previous Projects;* Booz & Co, Qatar.