**KALLAPIRAN SV**

Mechanical Engineer



**Profile summary:**

Mechanical Engineer with8 years of experience in design, design verification / co-ordination, purchase & installation of mechanical equipments & components for Oil & Gas facilities. Hands on experience in executing projects with work share in multi offices across the globe. Capable of interacting with clients, subcontractors & other stake holders directly to understand & resolve bottlenecks. Experienced in handling a team with proper planning & scheduling activities along with effective communication.

**Industry Experience:**

1. Organisation : Bechtel India Projects Ltd, Gurgaon.

Designation : Engineer

Experience : 2 years &11 months (Jan 2015 to Nov 2017)

2. Organisation : Saipem India Projects Ltd, Chennai.

Designation : Senior engineer

Experience : 4 years & 3 months (Sep 2010 to Dec 2014)

3. Organisation : TVS Sundaram Clayton Ltd, Chennai.

Designation : Graduate Apprentice Trainee

Experience : 6 months (Nov 2009 to May 2010)

**Work Handled:**

* Read through client requirements stated in tender documents and followed the same during execution of projects & proposals.
* Prepared Material requisition, Technicalspecification, Technical datasheets & drawings for the mechanical items to be purchased.
* Evaluated Vendor offers and prepared Technical Bid Evaluation (TBE) for the supply of mechanical items.
* Performed Vendor document review for compliance to industry standards & codes.
* Co-ordinated with multi teams for their inputs & requirements to be taken care of for the equipment & packages being purchased.
* Performed periodical follow up & conducted coordination meetings with vendor to resolve onflicts & ensured project progress positively meeting the requirements.
* Provided clarifications & response to queries from client & other parties involved in execution in due course of the project.
* Carried out preliminary activities such as feasibility analysis, Data accuracy / sufficiency, manpower allocation & other project execution prerequisites.
* Prepared & maintained records / documentation for the work accomplished in adherence with the project &company quality procedure.

**Software Knowledge:**

* MS office (Ms word, Excel, Powerpoint)
* Auto cad
* PV elite, Compress
* Info works, Brava Redlining tool
* Pipe net

**Projects experience summary:**

### BPWND – Gas treatment plant for British Petroleum

Pre & Post vendor award activities for the supply of Pressure vessels (Horizontal & Vertical), Shop built Tanks & CPI separator for the gas plant.

### Riyadh Metro Project – Design of Fire protection systems

Developed calculations & drawings for the design of fire protection systems comprising of sprinkles, potable fire extinguishers, FM 200 clean agent systems. Developed hydraulic calculations using pipe net software.

### Rabigh II -Aromatic complex for Saudi Aramco Corporation

Vendor document review activities for Columns, Pressure vessels supplied for aromatics plant. Executed the activities within a challenging time frame successfully.

### SAFCO V - Urea Facility for SABIC fertilizer

Vendor document review activities for Pressure vessels, Steel Stacks supplied for Urea plant.

### GC -16 – Gas &Oil Separation Plant for Kuwait Oil Company

Pre & Post TBE activitiesfor Pressure vessels, Separators (2 phase & 3phase).

**Proposals:**

|  |  |  |
| --- | --- | --- |
| **Equipment** | **Job** | **Client** |
| Plate & Frame Heat exchanger | H Gas (LNG unloading terminal) | Hiranandhani corporation |
| Pressure Vessels | Shaybagh (NGL unit) | Saudi Aramco Corporation |

**FEED (Front End Engineering Design) :**

Project : QP-CEMS (Continuous Emission Monitoring system)

Client : Qatar Petroleum Ltd.

Activity: Performed integrity check on the existing stacks for wind loads in accordance with

BS 6399 part-2 and analysed the feasibility of installing CEMS (Continuous emission

monitoring system).

**Educational Qualification:**

BE – Mechanical Engineering(2005-2009)with an aggregate of 84%from Velammal Engineering College affiliated to Anna University -Chennai

**Industrial Trainings:**

Graduate Apprentice Training from TVS Sundaram Clayton Ltd, Chennai. Nov 2009 to May 2010.

Inplant training (student intern) from Bharat Heavy Electricals Limited, Ranipet in July 2007.

**Personal Profile:**

Nationality:Indian

Gender : Male

Languages Known : English, Tamil, Hindi

Marital status : Married

Date of Birth : 17/09/1987

Hobbies : Listening to Music, Playing team games

Address : 4/207, First street, Muthammal colony, Thoothukudi-628002,

Tamil Nadu, India.

**Declaration**

I hereby declare that the information furnished above is true to the best of my knowledge.

**Kallapiran SV**

**CCTC - 9.36 Lacs-PA**

**ECTC - 15% hike**

**NP - One Week**