

# **CURRICULUM VITAE**

## **SAPTHARISHI.S**



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### **Career Objective**

To excel as a team leader, by adding various facets to my Techno-Commercial and Managerial skills, and by utilizing it for organizational growth and self-development.

### **Experience Summary**

**Total Experience – 14 years in the field of EPC Project Management & Proposal Management in Mineral Processing / Beneficiation / other process industries.**

The area of work includes

- EPC Project Management
- Coordination & providing inputs to services dept like civil, structural, electrical, piping, instrumentation
- Coordination with client and vendors
- Preparation of project cash flow
- Preparation of techno-commercial proposals against various tenders
- Preparation of feasibility reports
- Basic and Detailed Engineering with respect to technological areas of Iron Ore Beneficiation / Mineral Processing / Coal Washery
- Mass & Water balance, Equipment sizing & Selection
- Process development and optimization (lab / pilot scale)

### **Experience Details**

#### **Present Job Role (From May 2012 – Till date)**

Working as **Assistant General Manager** in **Shriram EPC Limited (SEPC)** and posted at Chennai, TamilNadu, India. SEPC, a US\$ 240 Million company (is a part of US\$ 9 billion Shriram Group) provides end-to-end solutions to engineering challenges, offering multi disciplinary design, engineering, procurement, construction and project management services. SEPC is focused on providing turnkey solutions in the Business Segments of Mining and Mineral Processing, Process and Metallurgy, Power and Water Infrastructure.

#### ***Responsibilities***

- ❖ Preparation of techno-commercial proposals against various tenders.
- ❖ Handling Pre-Bid and Post-Bid clarifications. Co-ordination with consortium partners in ensuring and meeting tender requirements.
- ❖ Project execution of 500TPD Cattle Feed Plant on EPC basis.

The project management role includes,

- Coordination with internal departments like mechanical, electrical, instrumentation, civil and structural, purchase, commercial, etc in basic engineering, detailed engineering, procurement stages.
- Coordination in project cost estimation & preparation of project cash flow statement.
- Ensuring there is no cost or scope over run.
- Conducting internal project review meetings to monitor the project progress
- Techno-commercial negotiation with vendors and suppliers to procure the required equipments within the budgeted cost.
- Post-order co-ordination with vendors, inspection agency, etc to ensure timely dispatch of equipment to site.
- Coordination with client in obtaining design and engineering approvals, managing project scope (including extra claim request for additional scope of work done).
- Ensuring timely billing and follow up with clients for the payment receivable
- Coordination to expedite the site construction activities.
- Utilization of SAP modules

The proposal management role includes,

- Understanding the tender requirements (RFQ/RFP) and ensuring the required technical / financial eligibility criteria are met during bidding.
- Preparing pre-bid questionnaire and attending pre-bid meeting
- Coordinating with internal departments like civil, structural, electrical, instrumentation, mechanical, material handling, commercial, etc and coordinating with consortium partners in guiding them on the tender specifications, scope clarifications and requirements.
- Coordination with various service departments in preparation of cost estimation
- Preparation and submission of techno – commercial bids.
- Handling and Resolution of post bid client clarifications.

### ***Achievements***

- Coordination in bid preparation and bagging the order of 500TPD Cattle Feed Plant.
- Executing the project of 500TPD Cattle Feed Plant on EPC basis within the stipulated budget.

### **Previous Experience (From Nov 2007 – May 2012)**

Worked as Manager – Iron Making Technology in **Essar Engineering Services Limited (EESL)** and posted at Hazira - Surat, Gujarat, India. EESL is the core Design and Engineering centre for the large projects in steel, oil & gas, power across the **Essar Group**, a US\$20 billion global company.

### ***Responsibilities***

**Carried out the Basic and Detailed Engineering of the Iron Ore Beneficiation units with respect to technological areas and preparation of feasibility reports for iron ore beneficiation and pelletization plants.** The role includes,

- Project conceptualization
- Preparation of Process Flow Diagram and Basic P&I Diagram
- Mass & water balance calculation, Preparation of equipment list
- Preparation of General Layout; development of unidirectional material flow layout with maximum utilization of gravity flow
- Technology selection; Equipment specification & selection.
- Preparation of general arrangement drawings of the technological area.
- Coordinating in preparing the project cost estimation
- Technical coordination and provide project inputs to services departments like civil, structural, electrical, instrumentation, piping, material handling, etc
- Preparation of feasibility reports and coordinating in preparing Bankable Techno-Economic Feasibility Reports.

### ***Achievements***

- Successfully completed the Basic, Detailed Engineering & procurement assistance pertaining to technological units for Essar's Iron Ore Beneficiation Plant at Orissa.
- Prepared / compiled the Bankable Techno Economic Feasibility Report of 12 Mt / yr integrated pellet plant at Orissa and coordinated in getting it vetted through external agency.
- Presented a technical paper "Values from waste – An engineering approach of beneficiating low grade iron ore fines" in International Seminar on Mineral Processing Technology – 2009, conducted by IMMT, Bhubaneswar (The institute of Minerals & Materials Technology, formerly RRL).

### **Previous experience (From June 2004 – To Oct 2007)**

Worked as Associate Manager – Technology Development in the R&D unit of **Hindustan Zinc Limited** (HZL) and was posted at Udaipur, Rajasthan, India. HZL is a group company of **Vedanta Resources Public Limited Corporation**, a US\$ 2 billion group involved in non-ferrous metal business.

The responsibility was to carry out developmental projects for Lead – Zinc Beneficiation Plants (lab-scale, pilot scale and in production plants), like

- Improving production plant performance (recovery improvement, product quality improvement, reducing cost of production)
- Value addition (recovering valuables from intermediates / wastes)

The developmental projects were carried out in the following domain

- Plant operation audit
- Technology transfer
- Modeling & Simulation
- Process development
- Process optimization

## Educational Qualification

School / College	Board / University	Degree	Month & Year of Passing	CGPA / Percentage
National Institute of Technology, Tiruchirapalli	National Institute of Technology, Tiruchirapalli	<b>M.Tech</b> (Plant Design – Chemical Engg.)	June 2004	8.13 (81.3%)
Shanmugha College of Engineering	Bharathidasan University	<b>B.Tech</b> (Chemical Engg.)	April 2002	80.13%
IGNOU	IGNOU	PGDIM	June 2008	58.87%
Bishop Heber Hr.Sec.School , Tiruchirapalli- 2	Tamil Nadu State Board.	12 <sup>th</sup> std	March 1998	88.2%
R.S.K. Hr. Sec. School, Tiruchirapalli - 14.	C.B.S.E.	10 <sup>th</sup> std	March 1996	82.2%

## Software Skill

Autocad (beginner level), JKSimMet (Mineral Processing Plant Modeling and Simulation Software).

## Personal Details

**Permanent Address / Correspondence Address** Flat No: F1, “Lakshmi Nivas Flats”, 128/3, 7<sup>th</sup> Street, A.V.M. Avenue, Virugambakkam, Chennai – 600092. Tamil Nadu. India.

**Father’s name** Mr. P.S. Srinivasan

**Date of Birth** 10<sup>th</sup> Dec 1980

**Marital Status** Married

**Nationality** Indian

**Linguistic Proficiency** English, Tamil, Hindi.

**Interests & Hobbies** Reading short stories.

## Declaration

I hereby declare that the above - furnished details are true and correct to the best of my knowledge.

(SAPTHARISHI. S)

Place: Chennai. India.  
Date: 28 September 2018.