



# Sankar Saminathan

Procurement & Mechanical Estimation Engineer / QS  
Certified SCE membership No -348321 (Quantity surveyor)

## CONTACT

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## Saudi Council of Engineers

Valid Saudi Council of Engineering  
Certified Membership No-348321  
(Quantity surveyor)

## SKILLS

- PRO-E
- AUTOCAD
- SolidWorks 3-D models
- HVAC/MEP design
- Bill of Material (BOM)
- Strong decision maker
- Microsoft Excel

## PERSONAL DETAILS

Nationality: India  
Marital Status: Married  
Gender: male

## LANGUAGES

English, Arabic, Tamil, Malayalam & Hindi

## PROFESSIONAL SUMMARY

Results-driven Procurement & Mechanical Estimation Engineer with 18+ years of experience in HVAC, Plumbing, firefighting in construction, and manufacturing industries. Expert in material sourcing, vendor negotiation, cost estimation, and BOQ analysis. Strong coordination skills with engineers, suppliers, and project teams.

Takes on challenging new role harnessing interpersonal skills, collaboration and problem-solving. Driven to deliver high-quality service and consistent results.

## WORK HISTORY

Procurement & Estimation Engineer /QS — Nicolas Nicolas Company (NN Group)- Riyadh -Feb 21, 2025 - Present

### Estimation

- Reviewed tender drawings, specifications, and BOQs to prepare accurate cost estimates and quantity take-offs.
- Developed detailed material, labor, and subcontractor cost breakdowns for bids and proposals.
- Conducted rate analysis and value engineering to optimize project costs and improve competitiveness.
- Evaluated technical and commercial offers from suppliers/subcontractors and prepared comparison sheets.
- Supported tender submissions by preparing pricing sheets, clarifications, and estimation reports

### Procurement

- Sourced and prequalified vendors, obtained RFQs, and performed comprehensive technical and commercial evaluations.
- Negotiated prices, delivery schedules, and payment terms to achieve cost savings while maintaining quality.
- Issued purchase orders and coordinated with suppliers to ensure timely delivery of materials and equipment.
- Monitored procurement schedules, updated purchase logs, and followed up on order status to meet project deadlines.
- Ensured all procured materials complied with project specifications, standards, and inspection requirements.
- Coordinated with engineering, planning, and site teams to align procurement activities with project needs.

## Procurement & Mechanical Estimation Engineer / QS

Saudi Technical Ltd. - Riyadh, Saudi Arabia

10/2007 -02/2025

- Review BOQ, Tender drawings, specification, special & general
- conditions which have to be verified all together, in coordinating with Contract administrator.
- Analyze bid documents, RFQs, and RFPs to understand project
- scope, specifications and contractual requirements.
- Evaluate subcontractor and vendor bids to ensure competitiveness and compliance with project budget and scope.
- Maintain documentation and records related to pre-bid cost estimation activities and pricing
- Proficiency in cost estimation methodologies, Quantities take off against Tender or IFC drawings
- To work on software like AutoCAD, Rivet, or others.
- Coordinate with Planning & financial department in preparing initial time schedule & cash flow taking into consideration any financial expenses.
- Coordinate with Procurement Department to collect information about market prices for suppliers & subcontractors and equipment based upon previous executed projects & recent available information, try to get the best committed prices from suitable sources.
- Collaborate with project managers, engineers, and subcontractors to obtain pricing and technical information.
- Floating Enquiries to Suppliers / Manufacturers & Comparison Studies based on suppliers Quotations.
- Negotiations with suppliers on both technical and commercial aspects of product.
- Based on Clients budget constraints for any specific project, carrying out Value engineering studies.
- Record Keeping, Suppliers/Manufacturers Data Bank records.
- Prepare detailed cost estimates for the MEP projects, including equipment cost, Installation material and labor and Cost breakdown for BOQ items regarding direct & indirect costs. Contributing in any cost breakdown related to new scope & Change or Variation orders.
- Prepare and present cost estimates to management for final approval
- Maintained updated vendor databases, procurement logs, and cost tracking sheets.
- Prepared cost summaries, procurement status reports, and comparison analyses for management review.

**Mechanical Pro-Engineer**

02/2007 - 08/2007

Allied Consulting Engineers Pvt. Ltd. - Mumbai, India

- Provides the mechanical interface between structural and I & C disciplines
- Participates in planning, cost development, scheduling, client and vendor meetings for assigned projects
- Furnace components including radiant coils, waste heat recovery, burners, hot/cold outlet headers, refractory, etc.
- Performs detailed design calculations including pressure part thickness, fluid flow, and weight calculations
- Generates project mechanical documentation including equipment datasheets, equipment specifications, inspection requirements, vendor documentation requirements, vendor scopes of supply and bills of material, installation sequences, and drawing revision records
- Ensures conformance to applicable engineering codes and standards as well as company policies and procedures; conducts engineering reviews of company or vendor calculations, drawings, and documents.
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**Mechanical Design Engineer**

05/2004 - 02/2007

Shanthi Gears Ltd. - Coimbatore, India

- Learn job related skills and company processes through on-the-job training and focused training courses
- Apply the knowledge to daily work
- Has expert knowledge of a specific component, sub-assembly, or process and mentors colleagues within department
- Provide ZFLS product support to OEM engineering & manufacturing counterparts by anticipating needs and taking initiative to complete the associated tasks
- Perform product design function for ZFLS products
- Design functions include: maintain BOM, create/release models and drawings (ProE), confirm packaging, complete DFMEA for mechanical components, confirmation of product function vs product requirements, maintain other product documentation, etc
- Leads design review meetings with suppliers to clarify all technical aspects of the components
- Identify product growth opportunities with OEMs (i.e
- New Platforms)
- Provide product design support to other ZFLS departments
- Support continuous improvement and cost reduction efforts

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## EDUCATION

3 Years Diploma in Mechanical Engineering (DME), 04/2001 - 04/2004  
P. A. C. Ramasamy Raja College - India -Tamilnadu - distinction  
(Attested by Saudi embassy)

**PRO/ENGINEERING, 07/2004 - 10/2004**

**DIRECTORATE OF TECHNICAL EDUCATION - India - Tamilnadu - distinction**  
Pro/Engineer); PTC's parametric, integrated 3D CAD/CAM/CAE solution, is used by manufacturers for **mechanical engineering, design and manufacturing.**

S.S.L.C, 04/2001

**Government Board of Higher Secondary Education - India - Tamilnadu - distinction**

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## CERTIFICATIONS

- Pro-Engineering
- AutoCAD
- Solid Works
- Solid Edge/v9
- MS Office

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## PERSONAL INFORMATION

- IQAMA Number - 2247553536 (Transferable)
- Passport Number: P 630 6805
- Date of birth: 21 /03 / 1986
- Nationality: Indian
- Marital status: Married

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## HOBBIES AND INTEREST

- Reading books and articles,
- Travelling and making connections

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## MY CONTRIBUTION TO THE FOLLOWING AWARDED PROJECT

- SABB New Head Office Tower- Riyadh - 33 Floor - EL SEIF
- Riyadh Metro 1B3 Station Project- Riyadh - BACS
- . Riyadh Metro 2A3 & 2B1 Station Project - Riyadh -BACS
- B-99 Pump Station - Riyadh - SAUDI TUMPANE LIMITED
- Al Yamama Palace -Riyadh - MACC
- CEER AUTO MOTOR FACTORY -Riyadh (Main Contactor)
- . AMAALA - WELLNESS CORE (Secondary Infrastructure Package \_MC)
- Jazan Seven Attraction Project -(ODF-Al Fanar)

## Declaration

All the information provided above is true to the best of my knowledge. I am a dedicated and highly involved individual when it comes to my work. My greatest strength is my self-confidence, and I consistently strive to maintain composure and stability even in high-pressure situations

**Sankar Saminathan**  
**(Signature)**

**Place :**

**Date :**