

Estimator/Process Engineer – Automotive Assembly Automation

Position Title: Estimator/Process Engineer (We will train if you have a strong machine design background 8+ years)

Reports to: Director of Business Development - Assembly Systems

Company Overview:

Expanding global supplier of assembly, testing, and welding equipment for the Automotive and Non-Automotive industries. **We are seeking an Estimator/Process Engineer with a strong Design Engineering background in Assembly Automation to support automotive sales in our South East Michigan headquarters.**

Basic Function:

The Estimator/Process Engineering position requires a strong Equipment Design Engineering background and understanding of Automotive Assembly Automation systems with special focus on module assembly. Utilize standards, specifications and line-up information presented by the customer to develop competitive proposals. We will train the right candidate who has 8+ years of machine design experience.

Duties and Responsibilities:

- Possess the skill to create an automated assembly process with system layouts utilizing the process developed and develop detailed cost and create detailed quote packages for our customers.
- Coordinate the receipt of CAD data and drawings. Be proficient in AutoCAD/Inventor to prepare system layouts and part overviews and Microsoft Excel for preparing detail cycle time charts.
- Be able to disseminate the customer's Technical Specifications and the manufacturing feasibility of customer requested processes/applications. Ability to propose required equipment and processes to meet customer requirements.
- Support the development (Eventually be able to provide) of highly competitive technical process proposals and associated cost roll-up by coordinating with Fori internal departments and the customer for the following: customer requirements, technical feasibility, process competitiveness, and cost competitiveness.
- Provide concept sketches, reference drawings and all required information for design personnel.
- Create innovative assembly, test & material handling system processes based on cycle time, cost, and product quality.
- Attend customer line-up meetings.
- After award, prepare sales orders, internal department kick-off documents and change tracking documents as required per project.

Ideal experience and skills:

- Experienced in Mechanical Design. 8+ years.
- Strong Manufacturing engineering background in Assembly Automation specializing in module assembly (Suspension modules are primary). Other tier 1 automotive assembly areas include tire/wheel, seats, headliners, sunroofs, front end modules, instrument panels, test and automated material handling.
- Ability to interface appropriately with engineering, manufacturing and project management
- Team player that is able to communicate effectively to all levels in organization.
- Tooling and assembly system costing experience. (optional)
- Effective inter personal skills with employees, management and customers.
- Technically competent (Assembly Automation) with good judgment and analytical skills.
- Energetic, proactive, able to motivate others, and strong work ethic.
- Demonstrates honesty, integrity, personal moral character, and business ethical conduct
- Understanding of customer application requirements and process selection to meet them
- Knowledgeable in all Sales related Business process with emphasis on technical proposal development processes
- Strong presentation, planning and organization skills

Education: BSME/BSMET and 5 years of relevant experience OR 8 years of relevant industry experience. A college degree is preferred but not required.

Experience: Minimum 8 years' experience depending on educational background. Strong manufacturing or Design engineering or Estimating background in Assembly Automation specializing in module assembly (Suspension modules are primary). Other tier 1 automotive assembly areas include tire/wheel, seats, headliners, sunroofs, instrument panels, front end modules, test and automated material handling.

Travel Requirements: Minimal overnight travel required.

Position Includes:

Established and growing company offering competitive wages and benefits including:

- Opportunity for career growth and advancement
- Healthcare
- 401K
- Competitive salary
- Bonus eligibility
- Life Insurance
- Short Term Disability