

Job Title: Manufacturing Engineer – Estimating Department

Location: Green Bay, WI

Company: Fox Valley Metal Tech (FVMT)

Position Overview:

Fox Valley Metal Tech (FVMT), a leader in precision metal manufacturing, is seeking a skilled **Manufacturing Engineer** to join our Estimating Department. The ideal candidate will have a strong background in manufacturing processes, cost estimation, process improvement, cost and project management. As a Manufacturing Engineer in the Estimating Department, you will be responsible for developing accurate and detailed cost estimates for new and existing projects. As well as help to identify manufacturing process improvement recommendations that can reduce costs and improve efficiency.

In this role the candidate will analyze historical project data to ensure cost estimates align with actual production costs and up-to-date material cost changes. They will support bid preparation by providing detailed cost breakdowns and technical justifications, ensuring timely and accurate estimates. The role involves collaborating with production teams for seamless project handoff, providing ongoing technical support, and maintaining accurate records of all estimates, bids, and project data throughout the project lifecycle.

This role requires a blend of engineering expertise, technical acumen, and the ability to collaborate with cross-functional teams to ensure smooth execution estimates and proposals.

Key Responsibilities:

- **Cost Estimation & Quoting:**
 - Review customer specifications, technical drawings, and other documentation to create accurate cost estimates for new and repeat manufacturing projects.
 - Utilize CAD software (such as SolidWorks & AutoCAD) to manipulate 3D models and 2D drawings to generate manufacturing drawings that can be unfolded to calculate material utilization and manufacturing process times.
 - Utilize FVMT methods and standards for cost models for various manufacturing processes, including CNC machining, welding, painting, and assembly.
 - Analyze material requirements, labor hours, tooling costs, overhead, and other relevant factors to prepare comprehensive and competitive quotes.
 - Maintain accurate records of all estimates, bids, and project cost data.
 - Support the preparation of formal bids and proposals, providing detailed cost breakdowns and technical justifications.
 - Help ensure that estimates are completed on time and meet customer expectations, including managing deadlines and prioritizing tasks.

- **Collaboration with Sales, Engineering, and Operations Teams:**
 - Work closely with the sales, engineering, and operations teams to gather customer requirements, clarify design specifications, and identify opportunities for cost savings or process improvements.
 - Provide technical input and advice to the sales team during the proposal stage to ensure accurate and achievable cost estimates.
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Qualifications:

- **Education:**
 - Bachelor's degree in Manufacturing Engineering, Mechanical Engineering, Industrial Engineering, or a related field.
 - **Experience:**
 - 2+ years of experience in manufacturing engineering, cost estimation, or production planning. Experience in sheet metal, precision machining, or metal fabrication is a plus.
 - **Skills & Knowledge:**
 - Proficiency with CAD software (SolidWorks, etc.) and manufacturing software (ERP systems such as Syteline or similar).
 - Strong understanding of manufacturing processes, including CNC machining, welding, sheet metal fabrication, and assembly.
 - Ability to analyze complex data and make decisions that impact cost, quality, and delivery.
 - Excellent communication skills, both written and verbal, with the ability to work collaboratively with cross-functional teams.
 - **Additional Skills (preferred):**
 - Experience with lean manufacturing and continuous improvement initiatives.
 - Strong problem-solving abilities and attention to detail.
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