



15740 Lincoln Street NE
Ham Lake, MN 55304

P: 763-434-6108
F: 763-434-6188

www.LaMachineShop.com

Manufacturing Estimator – CNC Machining

La Machine Shop, Inc. is a precision machining job shop located in Ham Lake, MN. We specialize in producing high-quality parts for aerospace, military, and food service industries. We are ISO 9001:2015 and AS9100D certified.

This position develops accurate, competitive cost estimates for precision machined parts and provides direct customer service.

We are seeking a well-rounded candidate who has hands-on experience with CNC machining (lathes, Swiss, milling) and manufacturing processes in a machine shop environment. The ideal candidate has a strong understanding of production processes, part drawings, raw materials, tooling, and production costs. This position includes data entry that requires attention to detail.

Expected Work Schedule: Monday-Thursday 6 am-4:30 pm, Friday: 6:00 AM – 11:00 AM (varies depending on workload)

Wage Range: \$60,000 - \$75,000

Key Responsibilities

Estimating & Cost Analysis

- Review customer RFQs, blueprints, specifications, and technical data packages.
- Develop detailed cost estimates for machined components.
- Calculate material, labor, machine cycle times, setup times, tooling, and outside processing costs.
- Evaluate manufacturing feasibility, part complexity, tolerances, and production requirements.
- Develop manufacturing Travelers and production print packages.
- Identify cost-effective manufacturing solutions.

Customer Quotations & Collaboration

- Prepare and submit accurate, competitive customer quotations.
- Manage RFQs through customer portals and internal estimating systems.
- Coordinate with Production, Quality, Purchasing, and Sales to develop realistic estimates.
- Obtain pricing for materials, tooling, and outside processing.
- Prepare quotes
- Support customer inquiries and quotation revisions.



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- Provide customer service for estimates, lead-time, expediting, and follow-up.

Manufacturing & Continuous Improvement

- Identify opportunities to reduce manufacturing costs and improve production efficiency.
- Recommend alternative manufacturing methods, tooling, and process improvements.
- Develop and maintain Excel-based estimating tools and cost models.
- Support Lean Manufacturing and continuous improvement initiatives.

Benefits

- 401(k) with 5% employer match
- Health insurance
- Dental insurance
- Life insurance
- Health Savings Account (HSA)
- Employee Assistance Program
- Paid Time Off (PTO)
- Holiday pay

Why you'll like working at La Machine Shop

Performance-Based Rewards

- Opportunity to earn quarterly bonuses
- Performance Reviews

Career Growth and Development

- Ongoing opportunities to learn, grow, and to teach others
- Advancement opportunities

Workplace Comfort & Culture

- Collaborative, employee-focused culture rooted in strong values
- Air-conditioned environment
- Organized and cleaned based on 6S principles

Additional Information

- Ability to commute to Ham Lake, MN 55304 is required.



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- Relocation will not be provided.
- Please apply only once. Candidates will be contacted if selected.

Required Qualifications

- 2–4 years of experience in manufacturing estimating, CNC machining, manufacturing engineering, or a related technical field.
- Strong understanding of CNC machining processes, machine setup, cycle times, and tooling.
- Ability to interpret engineering drawings, blueprints, GD&T, and technical specifications.
- Knowledge of manufacturing costs, materials, labor requirements, and outside processing.
- Strong mathematical, analytical, and problem-solving skills.
- Proficiency in Microsoft Excel and Microsoft Office applications.
- Excellent organizational and communication skills.
- Ability to manage multiple projects and meet customer deadlines.

Preferred Qualifications

- Experience in aerospace, defense, or precision manufacturing.
- Hands-on CNC machining including 3-axis, 4-axis, or 5-axis machining.
- Familiarity with raw materials, including aluminum, stainless steel, titanium, and specialty alloys.
- Experience with a manufacturing ERP system.
- Knowledge of AS9100D aerospace quality standards.
- Experience estimating heat treating, plating, coatings, and other special processes.

What Makes a Great Candidate?

We are looking for someone who understands how parts are actually manufactured—not just how to calculate costs. The right candidate can review a complex blueprint, determine the machining processes required, anticipate production challenges, and develop an accurate, competitive estimate.

Other Duties

Please note this job description is not intended to limit additional responsibilities or duties. Additional duties and responsibilities may be added or removed as the business evolves with or without notice.



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Equal Opportunity

La Machine Shop, Inc. is an equal opportunity employer. All qualified applicants will receive consideration without regard to race, color, religion, sex, national origin, disability, veteran status, or any other protected status as required by law.

Apply today to join the La Machine Shop Team!