ECHO DESIGN & INTEGRATION

Pay: $90,000 - $120,000 annual

About Echo Design and Integration (EDI)

Echo Design and Integration (EDI) is a leading provider of tooling and equipment for the space and commercial aerospace industries. Based in Spokane, WA, we design and fabricate large, complex assemblies using carbon steel, aluminum, and stainless steel.

At EDI, every project is unique—and so is every team member. We foster a culture where employees are involved in every stage of the manufacturing process, from quoting to final assembly. Our success is built on craftsmanship, collaboration, and a shared commitment to delivering high-quality equipment on time.

Position Overview

We're looking for a Senior Project Manager who brings both technical depth and team leadership to a fast-moving, regulated environment. At Echo Design and Integration, you'll lead engineering and manufacturing projects end-to-end, championing manufacturing readiness and productibility while keeping designs aligned with fabrication, testing, and certification requirements.

As a senior voice on the team, you'll mentor junior engineers, bridge gaps between disciplines, and drive decisions that keep projects on track across cost, quality, and schedule.

Key Responsibilities

- Develop and manage project plans, schedules, and budgets in collaboration with engineering, manufacturing, quality, and program stakeholders.
- Lead projects from design concept through manufacturing, integration, testing, and customer delivery.
- Support and oversee manufacturing processes, including fabrication, assembly, integration, and test activities.
- Ensure designs are manufacturable, inspectable, and compliant with internal standards and customer requirements.
- Monitor project progress, identify technical and manufacturing risks, and implement proactive mitigation strategies.
- Provide technical guidance and mentorship to junior engineers and cross-functional team members.
- Solve complex engineering and manufacturing challenges and drive practical, cost-effective solutions.
- Review and approve engineering designs, drawings, bills of material, manufacturing plans, and work instructions.
- Collaborate closely with Quality to ensure compliance with AS9100 and applicable regulatory requirements.

- Participate in and support internal and external audits, corrective actions, and continuous improvement initiatives.
- Ensure all engineering and manufacturing activities adhere to AS9100, customer specifications, and industry's best practices.
- Conduct technical and manufacturing reviews to improve processes, reduce risk, and increase efficiency.
- Complete design concepts and detailed designs as part of an integrated design and manufacturing team.
- Apply knowledge of automated control systems, programming, and electrical design to support manufacturing and integration activities.
- Maintain accurate project and manufacturing documentation, including ECNs, design changes, travelers, and inspection records.
- Review manufacturing plans, test procedures, and acceptance criteria to ensure design and performance requirements are met.
- Support design validation through testing, analysis, and evaluation of manufacturing test results.
- Communicate project status, risks, and progress to management and customers as required.

Required Qualifications

- Bachelor's degree in engineering or a related field.
- Minimum of 7+ years' experience in engineering project execution, with significant exposure to manufacturing environments.
- Strong technical background with hands-on experience supporting manufacturing, integration, and test activities.
- Practical experience using 3D CAD and PDM systems (SOLIDWORKS, CATIA, or similar).
- Experience working within an AS9100 or ISO 9001 quality management system.
- Familiarity with aerospace or regulated manufacturing documentation, including drawings, BOMs, travelers, and inspection records.
- Proficiency with Microsoft Office 365.
- Demonstrated ability to manage multiple projects and priorities simultaneously.
- Working knowledge of industry standards, regulatory requirements, and continuous improvement practices.

Why Work at EDI?

- Competitive compensation and benefits package
- Opportunities for growth and skill development
- Supportive, collaborative team environment
- Meaningful work in the exciting field of aerospace manufacturing

Additional Information

- Selected candidates will be required to complete a weld sample test during the interview process.

- Due to ITAR requirements, applicants must be U.S. Citizens or U.S. Lawful Permanent Residents, or otherwise authorized to access USML technical data.
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Physical Requirements

- You may be expected to travel to customers in your area and in different states.
- Must be able to lift 50 lbs and be comfortable in a shop environment

Work Environment

Work is performed in a manufacturing environment with exposure to moving mechanical parts, occasional fumes or airborne particles, and loud noise levels. Safety equipment is provided.

Job Type: Full-time

Benefits:

- 401(k)
- 401(k) matching
- Dental insurance
- Health insurance
- Life insurance
- Paid time off
- Vision insurance

Work Location: Spokane Valley in person