

Job Title: Project Engineer

Position Summary: We are looking for an experienced Project Engineer to become a part of Engineering's Management team. The Project Engineer will report directly to the Vice President of Engineering. He or she will be expected to lead the engineering and design of multiple vessels, varying in length and purpose from 20' to 150'. They will manage a diverse team of multi-discipline engineers and designers all the while coaching, mentoring, and developing junior team members into becoming subject matter experts or future leadership within Metal Shark.

Qualifications/Experience:

- Bachelor's Degree in Naval Architecture or Marine Engineering
- A Minimum of 5 years in the marine industry, specifically in the design and/or production of vessels under 150'.
 - Working knowledge of designing for production
 - At least 3 years of Project Engineering or Project Management experience
- An understanding of all aspects of aluminum vessel design and construction:
 - Structures
 - Intact & damaged Stability
 - Familiarity with Classification Society rules (ABS, DNV, USCG, etc.)
 - Electrical Systems
 - Onboard systems including, but not limited to: propulsion machinery, piping, HVAC, hydraulics, etc.
 - Aluminum fabrication
 - Skills geared towards engineering and design for production
- Familiarity with the following software
 - AutoCAD
 - Microsoft Office (Word, Excel, Project, Outlook)
 - Rhino
 - GHS
 - Solidworks
 - ShipConstructor

Responsibilities:

- **Engineering Planning and the Development, Maintenance, and Compliance with Schedules**
 - Coordinate the development of a high level, resource balanced schedule for your assigned engineering projects. With the engineering planner, ensure that all project tasks are properly resourced and sequenced, that the flow of work allows for the individual resource to complete his or her task in an efficient manner. Assist department managers to ensure and drive available resources to complete Engineering deliverables on schedule to support Production, Supply Chain, and first time quality.
 - Identify high risk areas of the project at the start of design. Throughout the project, keep track of these items to ensure risk mitigation, keeping the VP of Engineering abreast of those that pose a threat to both the schedule and quality of the end product.

- You are responsible to ensure that the respective engineering disciplines have as few questions as possible by the scheduled start date. The PE must assist supply chain to ensure that all VFI and/or CFI is delivered to the engineering disciplines prior to beginning detailed production engineering.
- Provide final approval on design drawings.
- Be cognizant of and pursue areas of incomplete work or discrepancies. Track these issues to root cause.
- **Meet/Beat/Drive Control Budgets on all Engineering Work**
 - Work with engineering managers and engineering scheduler to set goals (Control Budgets) for the project prior to the start of work.
 - Work with Design Managers to set accurate budget numbers based on past and projected performance levels
 - Monitor all engineering costs closely, utilizing Cost Performance data to adjust schedule hours, resources, and priorities as necessary.
- **Control the Earned Value Management System (EVMS) on Assigned Projects**
 - Become knowledgeable with the principles of EVMS
 - Be prepared to explain any non satisfactory results and what actions are being taken to resolve.
 - Use the EVMS engineering data to professionally manage engineering costs on each project.
- **Provide Necessary Support to Supply Chain to Ensure On-Time and Accurate Material Ordering**
 - Identify and drive the procurement of all long lead time material, ensuring the engineering schedule supports the design, quoting and ordering of said material.
 - Ensure accurate and timely turnover of BOM data to Supply Chain
- **Provide Proper Engineering Oversight to the Project and Production**
 - You are to be the expert on your project's contract language and specifications. When approving drawings and BOMs, ensure they comply with the specifications.
 - Attend Project Kickoff Meetings, follow-up meetings and provide the proper level of Field Engineering.

About Us: Metal Shark is a leading shipbuilder specializing in the design and production of boats and ships for military, law enforcement, fire rescue, and a wide spectrum of commercial applications. At its facilities in Franklin and Jeanerette, Louisiana, Metal Shark manufactures vessels in aluminum, steel, and fiberglass, with current capabilities supporting production for vessels up to 250' in length

Relocation assistance is available to qualifying candidates