

Position: Quality Engineer

Location: Hawthorne, CA

Description

ZIN Technologies, Inc. is looking for a highly motivated individual with a passion for aerospace to join our Expendable Launch Vehicle Integrated Support (ELVIS 3) contract based at Kennedy Space Center (KSC) FL. Candidate will provide Quality Engineering support for our NASA customer at our Hawthorne, CA resident office, as well as supporting the KSC ELVIS 3 Safety & Quality Office in their responsibilities. The candidate will consistently provide exceptional products/services that always meet or exceed customer expectations.

Responsibilities:

The Candidate will be required to perform quality engineering services as required to support NASA Launch Services Program (LSP) Safety & Mission Assurance (S&MA) processes including but not limited to:

- Evaluation of commercial launch provider's Quality Management System (QMS) and all associated sub-systems
- Evaluate and provide feedback on launch provider's nonconformance and corrective/preventative actions systems
- Participate in, and provide quality engineering analysis for NASA certification processes for new or upgraded hardware
- Present quality engineering information at various NASA Safety and Quality meetings
- Provide coordination with other quality engineering and assurance support as required (e.g., DCMA, USAF SMC)
- Evaluate and provide feedback on launch provider's Supply Chain Management and Procurement Quality Processes
- Participate in various audits of commercial launch provider's QMS (e.g., supplier, internal, AS9100 3rd party) as required
- Perform analysis of contractor quality and supplier quality performance data to include trending and risk analysis input
- Assist the NASA S&MA office with identifying safety concerns while monitoring commercial launch provider manufacturing.

Requirements

- **US CITIZENSHIP REQUIRED**
- Bachelor's degree in Aerospace, Electrical, or Mechanical Engineering, or a related technical field.
- Minimum of 5 years of experience in quality engineering or manufacturing/production engineering
- Experienced with quality engineering functions to include:

- QMS/AS9100/ISO 9001 proficient
- Material Requirements Planning Systems
- Requirements Traceability
- Manufacturing Execution Systems
- Experience in causal analysis
- Test & evaluations systems/techniques
- Supplier Quality/Supplier Auditing
- Configuration Management
- Excellent oral and written communication skills
- Effective technical writing, analytical, problem solving, and engineering analysis abilities
- Excellent computer skills (Word, PowerPoint, Excel, etc.)
- Able to establish solid working relationships with peers and management as well as with Launch Service Contractors (LSC) and work collaboratively with LSCs and industry partners (e.g., DCMA, Aerospace and USAF)
- Able to organize and prioritize work, be proactive, take initiative and simultaneously manage multiple priorities to ensure goals are met in a timely manner
- Be willing to travel - specifically to support sub-tier supplier QMS audits

About Us

ZIN Technologies, Inc. is a federal contractor and an award-winning AS 9100 registered small, disadvantaged business (SDB) headquartered in Northeast Ohio. Established in 1957, ZIN is a leader in providing advanced engineering services and product development solutions for NASA, DoD, and private industry.

ZIN provides full lifecycle development of aerospace systems including design, development, engineering, integration, test, evaluation, orbital operations, systems modeling, simulation, verification, and validation. The flight hardware lifecycle spans concept definition, design, development, fabrication, verification, integration, launch, operations, and data processing.

We offer expertise in multi-discipline engineering, system and product development, production, and research and technology development. ZIN'S engineering capabilities include systems, mechanical, electrical, fluids, propulsion, structural, thermal, integration and test.

ZIN has a strong heritage in the areas of Space Operations including payload operations, space communications, navigation, and network reconfigurable testbed. ZIN supports exploration systems (ORION, SLS, ISS, commercial vehicles) and space technologies (advanced communications, power, propulsion, cryogenics).

Our award-winning 200+ person organization consists of scientists, engineers, designers, and technicians. ZIN employs an integrated performance-based management approach, providing experienced people, proven processes and tools and exceptional cost, schedule, and technical performance while identifying and managing program and project risks.

Offering Unsurpassed Product, Process and Service:

- Prime contractor
- Sub-contractor
- Product manufacturer
- Value-added service provider

Company Benefits and Programs

In addition to competitive salaries, ZIN offers excellent benefits to our associates, including medical, vision, and dental insurance; short- and long-term disability; life insurance; paid leave and paid holidays; 401(k) retirement plan (immediate vesting); education and training reimbursement; professional development opportunities; employee assistance program; flexible spending plans; credit union membership; and direct deposit.

As a federal contractor, ZIN Technologies strives to comply with all applicable customer, federal, state, and local requirements, up to, and including, COVID-19 vaccine regulations. ZIN Technologies may require its employees to obtain full COVID-19 vaccination, provide proof of vaccination status as a condition of employment, provide documentation to substantiate a valid exemption, as defined by law, and/or comply with all safety protocols related to COVID testing, mask wearing, and physical distancing while in covered contractor workplaces.

ZIN-Technologies, Inc. is an Equal Employment Opportunity Employer

Minority/Female/Disabled/Veteran