

Project Manager

Middleburg Heights, OH

Description

ZIN Technologies is proactively recruiting for a Project Manager for a contract that is estimated to start in June of 2022.

This position will be responsible for leading a project team in the development of experimental and new technology hardware for space flight applications.

Responsibilities:

- Build a capable, cooperative, and supportive team for the development, manufacturing, testing, certification, and sustaining engineering of the International Space Station, Gateway, and Orion hardware.
- Build a capable, cooperative, and supportive team for the development, manufacturing, testing, certification, and sustaining engineering of major Government Furnished Equipment end items and of deep space Artemis and Gateway engineering projects
- Direct and hold accountable matrix organizations in the requirements development, design, manufacturing, testing, and certification of flight hardware.
- Mentor Project Engineers (PE) in critical thinking, decision making and behaviors to improve PM effectiveness and create high performing teams
- Plan and execute hardware troubleshooting to investigate mechanical within flight hardware, development or qualification test articles, or test support hardware.
- Review and evaluate the quantity, quality, and overall adequacy of results and conclusions drawn from accomplishment of engineering tasks.
- Apply Project Management processes and tools in the development, sustainment or operation of human rated flight hardware or systems.
- Select and apply engineering techniques and procedures to analyze and evaluate specific problems, data, or other features of the work which are broad in scope and complexity.
- Address project problems in a timely and straightforward manner
- Define, communicate, and mitigate project and project risks
- Establish a healthy project environment
- Foster strong, healthy customer relationships
- Coordinate and support flight hardware and software products and systems development phases, through design, procurement, fabrication, test, data analysis, certification, and flight/mission delivery.
- Perform cost and schedule estimating and management functions.
- Perform risk management including risk assessment and implementation of risk reducing measures

Requirements

- BS degree in engineering from an accredited engineering school and five (5) years of related engineering experience
- Must be able to review essential paperwork and documents for tasks assigned.
- Knowledge of commonly used concepts, practices, and procedures in the field (including space flight hardware development and certification processes), such as mechanical system design, engineering drawings and sketches, material selection, environmental testing, and office software.
- Must be able to organize and prioritize tasks to meet deadlines and schedules and to work unsupervised for long periods.
- Must have excellent written and verbal communications skills. The position requires close coordination with the NASA Project Managers and ISS/Orion program representatives

Preferences

- MS degree from an accredited engineering school and four (4) years of related engineering experience, or Ph.D. from an accredited engineering school and zero (0) years of related experience.
- Background in flight hardware development, testing, and certification.
- Familiarity with the Engineering Life Cycle process.
- PMP a plus but not required
- Aerospace industry preferred

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