



Requisition No.: 2024-SE-04

Need Date: Immediate

Job Family: System Engineer- Master – SE0

Position Type: Full Time Position

Exempt/Non-Exempt Classification: Exempt

Security Clearance Requirement: The candidate must be clearable to DoD Secret Level.

Location: *Non-Remote:* The candidate will work at multiple locations in and about Manassas, Virginia

Education: Bachelor's degree in computer/electrical engineering degree from an accredited university. Advanced degree preferred.

Experience Level: Master with 12+ years of experience.

Travel: Required annual travel less than 10%

Overview:

This is a great opportunity for an experienced leader and self-motivated Master Systems Engineer, with electrical background, to design military quality components, products and systems. Program activities would be associated with submarine Total Ship Monitoring System (TSMS) and Towed Array (TA) tasking. Our products are typically re- packaged COTS and custom components designed into ruggedized units and integrated into a larger enclosure cabinet or system. Products are required to meet NAVY SONAR and Ship Monitoring submarine and surface performance, functional and environmental requirements. Candidate must be ready to manage a team of hardware engineers, possess leadership qualities and be self-motivated with a strong work ethic and interpersonal skills. Sedna offers competitive salaries and benefits, but most importantly, career advancement opportunities. At Sedna, we highly value every employee, we pride ourselves at being extremely productive and delivering high quality products to our customers.

Job Responsibilities:

- Primary point of contact for collaborate with external partners, customer, and Navy representatives
- Work within Integrated Product Team (IPT) organization including system integrator, other trusted partners and the NAVY customer to support technology insertion process
- Develop and maintain trusted working relationship with NAVY customer technical representatives and other associated agencies such as NUWC and NSWC participants
- Lead HW design development and analysis of system requirements, validation, verification testing and production support
- Organize and lead design reviews, and other technical meetings. Provide and/or present technical information as required
- Ensure compatibility, interoperability, and integration of all functional and physical interfaces
- Lead system architecture definition, development, and implementation to meet requirements for HW, SW, facilities, people, and data

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- Work across a variety of functional groups including systems, electrical, mechanical, software engineering, material management and manufacturing
- Determine problems, provide solutions that arise during development, upgrade, or maintenance of systems, establish, and manage problem reporting system
- Identify and manage technical risks
- Manage development of Contract Data Requirement List (CDRLs) system engineering documentation
- Implement and manage a technology refreshment program
- Provide input into developing Engineering budgets and supporting proposals

Basic Qualifications:

- Bachelor's degree in computer/electrical engineering degree from an accredited university or equivalent related experience.
- 12+ years' experience in requirements development, validation, and verification testing
- Leadership experience in a significant program.

Desired Qualifications:

- Advanced degree – Master of science
- Experience with Deltek Costpoint Material Module

All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, pregnancy, sexual orientation, gender identity, national origin, age, protected veteran status, or disability status.

