



Position Title: Environmental Monitoring Sustainment Systems Engineer 3

Job Description: The Remote Sensing Systems Engineering & Integration (SE&I) team in El Segundo, CA has an immediate need for an Environmental Monitoring Sustainment Systems Engineer. This individual will have experience in Department of Defense (DoD) Space-Based systems. Candidate will provide SE&I support to the SBIRS and Environmental Monitoring Enterprise programs in support of the Space and Missile Systems Center Remote Sensing Directorate (SMC/RS). Candidate will support enterprise engineering and integration activities for SMC/RS space, ground, operations, logistics, and sustainment elements to identify and support the management of risks, issues, and interdependencies, identifying disconnects between integration products (schedules, risks, contracts, etc). The candidate will develop action plans for resolution and assist the Government in executing selected solutions. Candidate should have experience with space systems (especially at SMC), ground and space system acquisition and operations, and systems engineering experience. Major duties of the position include:

- Ensuring effective system engineering and integration planning across space and ground, hardware and software Environmental Monitoring programs.
- Ensuring successful execution of all Environmental Monitoring Operations and Sustainment engineering, integration, test and transition activities.
- Providing expertise to the planning and scheduling activities, as well as conducting schedule analyses as required to ensure the government maintains proper levels of margin to manage risk.
- Interacting with the prime contractor and government leads to ensure that all system requirements are coordinated, scheduled and planned across the SMC/RS Enterprise.
- Supporting the customer in defining, capturing, and maintaining the technical, schedule, and cost risk data throughout the system lifecycle as well as developing risk mitigation courses of action and assessing impacts of risks and proposed changes.
- Providing on-going communication, engagement and collaboration between the Ground and Space Segments to identify and manage integration issues and risks.
- Performing technical reviews, and assessments; coordinating analyses efforts, methods, and techniques; developing products and briefings; and performing technical engagement with, and briefings for and to, government customers, stakeholders, and the prime contractor.
- Leveraging enterprise level systems engineering and integration processes to manage operational transition and fielding of a multi-segment complex system.
- Developing transition to operations plans and supporting reviews, as well as utilizing and improving systems engineering processes.
- Developing Operations and Sustainment related briefings, plans, papers, and other documentation in support of Environmental Monitoring programs to enable decision making.
- Collaborating with prime contractors, other support contractors, government civilians, and members of the U.S. Air Force.

Qualifications:

Required Experience, Skills and Attributes

- Bachelor's Degree is required. BS in Electrical Engineering, Aeronautical, Communications Engineering (technical), Math, Physics, or similar.
- Strong, proactive engineer who takes the initiative to identify, own and solve customer problems.
- Extremely motivated individual who is a self-starter and a team player.

- 14+ years of strong demonstrated systems engineering, with requirements and interface management, risk management, change boards and change board environment experience.
- Experience managing operational transitions and fielding of complex satellite systems.
- Knowledge of development lifecycle, project integration, schedule analysis and stakeholder processes.
- Candidate should have experience with Space systems (especially at SMC), Environmental Monitoring systems, OPIR systems, ground and space system acquisition, and systems engineering experience.
- Tracking issues and risks, analyzing schedules, and facilitating sessions to bring resolution to identified issues.
- Develop transition to operations plans, supporting design reviews and engineering boards, as well as develop improved systems engineering processes.
- Experience with requirements and interface management, risk management, change boards and change board environment.
- Demonstrated experience working with Air Force/DoD customers in an Operations and Sustainment environment.
- Ability to provide a wide variety of technical analyses, program management insight and thought leadership to a government customer.
- Ability to think critically, synthesize information from multiple sources into comprehensive plans, assimilate diverse user and mission needs, identify technical issues, and understand impacts within and external to the enterprise.
- Demonstrated leadership and interpersonal skills.
- Experience writing and delivering technical documents and briefings.
- Excellent verbal and written communications skills as well as organizational skill.
- Demonstrated interpersonal skills to enable working, interfacing, and interrelating with diverse personnel and dynamic teams.

Desired Requirements

- Master's Degree is preferred.
- Environmental Monitoring and/or SBIRS-specific experience highly desirable.
- TS/SCI Clearance

Security Clearance

- TS required

Duty Location

- El Segundo, CA