



TSC is an employee owned, high technology, small business engaged in providing engineering services to the U.S. Government and Industry. TSC's Systems Development and Production Division provides products and services in the areas of radar, communication systems, sensors, antennas and other electronics systems to the missile, radar/sensor system, communications, control systems, data acquisition, and signal processing markets. The company has developed products ranging from chip-level, application-specific, integrated circuits (ASIC) to complete, turnkey radar and communication systems. TSC has established a state-of-the-art hardware capability that is well respected by customers in Government and industry. TSC also provides full spectrum systems engineering support including theoretical analysis, requirements generation, interface control, and test planning/execution/data analysis.

TSC's Systems Development and Production Division in Huntsville, AL is currently looking to hire a Project/Systems Engineer with an education and industry focus in system design and packaging of electronics systems such as high density airborne or ruggedized electronics assemblies in support of radars/sensors, missile seekers and communications systems.

Position Description: Project/Systems Engineer

Applicants must have a B.S. in Electrical Engineering, Computer Engineering, or Computer Science from an accredited University and 5-10 years of commensurate industry experience. Candidates must have a strong understanding of how military electronics such as embedded computers, RF systems, and Radar programs are designed and have experience leading/managing these types of programs.

Common responsibilities will include the following activities:

- Creating Project Schedule and cost estimates at the beginning of a project
- Managing projects to cost and schedule estimates
- Perform risk management to minimize project risks
- Be the project point of contact with the customer, communicating status and issues as well as managing scope creep
- Ensure project compliance to TSC quality processes, making sure all design documentation is controlled and manufacturable
- Create and/or compile customer deliverable documentation, performing various analysis or working with other disciplines to create
- Create system architectures to meet project requirements
- Derive and document internal requirements based on customers' requirements
- Integrate and troubleshoot systems in the lab
- Create and manage requirement verification strategy
- Coordinate with external vendors for services such as testing



Experience with the following areas is required:

Project Engineering:

- Managed multiple military programs from the beginning to the end (Cost, Schedule, Risk, etc.)
- Lead multi-disciplined teams in a matrixed environment for at least 2 years
- Prototyped and produced multiple military systems
- Project management tools
- Ability to manage multiple open issues simultaneously

Systems Engineering:

- Creating and verifying requirements
- Requirement tracking tools
- Ability to troubleshoot and debug hardware
- Experience in 2 or more of the following disciplines (Electrical, Mechanical, Software, Systems, Firmware, RF design)

Experience in any or all of the following areas is beneficial:

- Maintaining project adherence to ISO/AS9100.
- Design for manufacturing
- Material Planning
- Experience in most of the following disciplines (Electrical, Mechanical, Software, Systems, Firmware, RF design)
- Creating SDRL deliverables
- Basic understanding of RF, microwave, analog and digital electronics packaging principles.
- Basic understanding of Cadence, Matlab, and Solidworks software packages

Applicant shall have experience developing and presenting concepts and possible solutions to technical problems. Ideal candidate will possess excellent organizational skills with the ability to prioritize work and maximize productivity. Candidate will be a self-motivated and free-thinking individual capable of technical discussion, complex problem solving and scrutinizing prior assumptions.

Applicants must be U.S. citizens and will be required to obtain a security clearance.

TSC is an Equal Opportunity Employer. Qualified Veterans and Protected Class Candidates are encouraged to apply.

Send resumes to:

employment-hsv@tsc.com