

## **Career Opportunities**

### **SENIOR SYSTEMS ENGINEER**

**FIBERTEK, Inc.** A top 100 NASA Prime Contractor and recognized U.S. Army Communications-Electronics Command (CECOM) Small Business. Fibertek is a well-renown small business providing Government and Aerospace customers with laser and electro-optical instrumentation technologies typically used for fielded systems both terrestrial and spaceflight platforms. Fibertek primary customers are DoD and NASA. We also provide on-site technical support to the US Army and NASA through our engineering services contracts.

**Fibertek has an immediate career opportunity available for a Senior Systems Engineer at its location on Fort Belvoir, Virginia**

#### **JOB OVERVIEW**

Fibertek, Inc. has an immediate opportunity for a **SENIOR SYSTEMS ENGINEER**, on Fort Belvoir, VA. The Senior Systems Engineer (SSE) shall provide subject matter expertise support on all matters related to biometric system technologies and its application within the products under the purview of PM office. It is expected that the SSE shall be capable of functioning in a largely independent manner and can make on-the-spot-decisions, in line with the customers' overarching goals, requirements and direction. Specific functions include:

- Develop plans for, and manage, the analysis of technical and operational data from the support Contractors, and provide feedback or recommendations based on this analysis.
- Prepare papers, briefings, and reports on biometric product capabilities as requested by the Government.
- Provide expert engineering support to internal teams such as product support, program management, and test and evaluation.
- Leading and managing all Systems Engineering activities.

#### **HIGHLIGHTS OF RESPONSIBILITIES**

This position will be responsible for the following efforts, embedded with the customer team:

- Assess current Cybersecurity Strategy for relevance and alignment with the overall Systems Engineering activities;
- Assess current systems for alignment with the DoD biometric enterprise, National Information Exchange Model (NIEM), messaging standards i.e. DoD Electronic Biometric Transmission Specifications (EBTS) , and international standards i.e. ISO/IEC 24745;
- Analyze current systems and transactional trends to propose solutions to reduce Type 1 and Type 2 biometric errors.
- Analyze systems engineering Contract Data Requirements Lists (CDRLs) deliverables from System Integrators (SI) contracts;
- Analyze the overall effectiveness of SI engineering processes and delivered products with respect to achievement of project/product goals, requirements, and schedules;
- Conduct technical reviews of CDRL items and materials provided by the SI in support of technical reviews and audits;

- Conduct capacity planning to identify and recommend cost effective, optimized designs and configurations that balance functionality, scalability, performance, and transactional capacity against peak workload demands and continuity of operations requirements;
- Prepare key Systems Engineering documentation required for an Acquisition Category (ACAT) program.
- Conduct analysis and provide recommendations on complex engineering challenges with biometrics / forensics information technology systems in areas such as the use of cloud-based technology services, commercial off-the shelf product comparisons, or networking topology analysis to identify performance or security improvements
- Perform other Systems Engineering activities, as required.

### **BASIC REQUIREMENTS AND QUALIFICATIONS**

Candidates will have a Bachelor or Master's degree in a technical or scientific field such as engineering, physics, chemistry, biology, mathematics, operations research, engineering management, engineering technology, or computer science, and at least 10 years of experience with deploying and sustaining large, or enterprise information systems. Other combinations of education, training, and experience will be considered on a case-by-case basis, although in all cases, experience with biometrics systems is highly desired. The ideal candidate would possess:

- Will have at least 10 years of experience working in Government and particularly Department of Defense on advanced technology efforts.
- Will have biometric systems knowledge and work experience to perform the systems engineering work requirements.
- Will understand policies and procedures impacting the development, application and fielding of technology in a DoD environment.
- Will have demonstrated background in Science and Technology, Engineering, Advanced Technology and Acquisition.
- Knowledge and experience with biometric collection and capture systems desired
- Ability to use software for managing, analyzing and reporting data collected during data acquisitions
- Must be able to work in a team environment
- Will have an existing DoD Security Clearance at the SECRET level

### **WORK ENVIRONMENT AND PHYSICAL DEMANDS**

- General office environment, some lifting and/or moving up to 25lbs required
- Travel up to 10% of time

***Fibertek, Inc. reserves the right or revise or change this description. This description does not constitute a written or implied contract of employment. As an equal opportunity and affirmative action employer, applicants are considered regardless of race, color, religion, sex, disability, veteran status, or any other protected characteristic in accordance with applicable law.***

To explore this opportunity further, please send your resume to [jobs@fibertek.com](mailto:jobs@fibertek.com).