

## **FENS Sr. Telecommunications Specialist - Indianapolis, IN**

Have a passion for the electronics, aviation, or telecommunications industry? Want a full-time opportunity that combines them and directly impacts the National Airspace System (NAS)? Constellation Aviation Solutions (CAS) has a program that does just that! We invite you to put your talents to work for us and our customers. CAS is a part of the FAA Enterprise Network System (FENS) team which is responsible for providing highly available and secure communications, information services, and networking capabilities required to support NAS operations and agency administration functions. We are searching for a motivated, responsible Sr. Telecommunications Specialist ready to join our team of technical professionals who interact directly with our customers to bring about modernization to government mission-critical systems and infrastructure.

The Sr. Telecommunications Specialist maintains all aspects of communication systems including wire and cable; facilities and equipment; centralized and distributed telecommunications systems; and all peripheral equipment. This role also provides technical system support, installation, maintenance, modification and repair of telecommunications equipment, products and/or systems. The work is generally performed on-site, off-site, or at remote locations where troubleshooting and diagnostic techniques are used to determine appropriate restoration or repair actions.

As the Sr. Telecommunications Specialist, you will be working independently providing critical telecommunications expertise in support of maintaining customer facility infrastructure and telco services. This position must be a self-starter capable of working on projects independently, as well as interacting with a geographically dispersed team, government staff, and other government contract personnel who encompass a broad spectrum of professional disciplines to achieve the customer's objectives.

### **RESPONSIBILITIES:**

#### Technical

1. Maintains network at assigned sites through proactive maintenance, responds to Move/Add/Change/Decommission (MACD) requests, performs troubleshooting activities, repairs/replaces malfunctioning equipment, and maintains documentation
2. Must be able to read and understand service orders, technical manuals, schematic diagrams (circuit and network logic), floor plans, and related documentation.
3. Configure equipment, connections, wiring, and cable working from layouts or plans
4. Perform physical installation, removal, and replacement of electronic equipment and components such as, routers, multiplexors, interface cards, modems, hubs, and antennas
5. Perform acceptance testing and troubleshooting problems of telecommunications equipment including SONET, TDM, DWDM, IP or Ethernet based equipment independently
6. Test telecommunications systems using network cable test equipment including network testers, copper cable testers, fiber OTDRs, fiber power meters, and diagnostic software
7. Analyzes and maintains telecommunications and network cabling infrastructure, such as standard copper 568-B Color code, 25 pair color code, as well as the Fiber 12 strand Color Code
8. Establishes voice and data networks by physically running, pulling, terminating, splicing copper and fiber optic cables, and backbone/riser cabling
9. Perform telecom room buildout (racks/cabinets, patch panels, grounding, including installing cable pathway systems (cable trays, J hooks, ladder racks) using power or manual fasteners, drills, or other power equipment
10. Identify, track, and remove abandoned cable, and maintain neatly tied cables and bundles while maintaining safety standards
11. Documents network information by appropriately labeling all equipment and cables including recording configuration diagrams and specifications
12. Maintains a safe work environment and follow all personal safety policies as specified in FAA Standards and Orders, OSHA safety rules, MSDS, MOP's, process, and company policies
13. Must have highly effective written and verbal communications skills

### Project Management

1. Participate in daily/weekly team conference calls or meetings related to project status and evolving priorities
2. Verifies work order information and receipt of all necessary equipment and information
3. Documents and/or logs equipment/system installation and/or modification actions
4. Keeps supplies ready by inventorying stock; placing orders; verifying receipt
5. Ability to handle multiple tasks during emergency situations
6. Typical schedule is M-F normal business hours, however, schedule flexibility is required, as some customer activities may require shift change to accommodate site needs

### **QUALIFICATIONS:**

- High School diploma or Equivalent
- Minimum of 11 years of experience in a position with similar responsibilities
- Must be able to read, write, and speak English fluently
- Must have the ability to discern colors used for safety and telecommunications terminations
- Must maintain a valid Driver's license, reliable transportation, and a good driving record
- Proficient in the use of a laptop computer and applications such as with MS Office products, SharePoint portals, and test equipment and diagnostic software
- Must possess knowledge of communications wiring standards and installation practices
- Must possess knowledge of telecommunications switching and common control systems
- Experience and understanding working with engineering drawings and technical procedures
- Must have experience in standard hand tools to include power tools, Power Actuated Tools, ladders, as well as specialty hand tools and test equipment
- Must be able to push, pull, or lift 75 lbs
- Must be able to regularly climb ladders, carry, bend, stoop, reach, push, pull, lift, crawl, and work in small/closed places to complete the assigned tasks
- Candidate must pass a drug screening for employment consideration, per the Federal Drug testing policy
- Candidate must be a United States citizen or a resident alien who has been lawfully admitted for permanent residence in accordance with the Alien Registration policy established by the U.S. Immigration and Customs Enforcement.
- Candidates must also be able to submit to and complete the appropriate background investigation and security via the Standard Form (SF) 85P, Questionnaire for Public Trust Positions.

**LOCATION:** This position is based in Indianapolis, IN, and supports sites in the surrounding area

**SCHEDULE & TRAVEL:** Initial 3 months of travel within the U.S. as part of implementation team until assigned facility location is installed.

### **BENEFITS:**

- Comprehensive medical, optical, and dental insurance for employees and dependents
- Paid time off
- (10) company holidays
- Matching 401K
- Remote work flexibility
- Life insurance
- AD&D insurance for employees
- Tuition Assistance
- Bereavement Leave for an immediate family member
- Annual Performance Evaluations