

DATE POSTED: March 12, 2019
CLOSING DATE: March 26, 2019 – 5:00 P.M.



Job Announcement

The following full-time position is available in our organization. Interested applicants who meet the Minimum Qualification Requirements must submit an IT&E employment application form to the Human Resource Office no later than the posted closing date above.

JOB TITLE: FIBER TRANSMISSION TECHNICIAN
DEPARTMENT: PROGRAM AND PROJECT MANAGEMENT
LOCATION: GUAM
SALARY LEVEL: 4
STARTING SALARY: \$13.89 PER HOUR (negotiable based on experience)
FLSA STATUS: NON-EXEMPT
JOB POSTING #: #6804/#G-25-2019-03

Job Summary:

The Fiber Transmission Technician, under the direction of the Transmission Manager, installs, troubleshoots, splices and maintains fiber optic cables in both outdoor and indoor settings; reads, creates and maintains splicing schematics and diagrams; maintains control of Outside Plant activities surrounding the assigned work site(s); takes and maintains accurate splicing and field notes, supports project timelines, and inspects, designs, and provides accurate staking sheets for projects.

Essential Duties and Responsibilities:

The Employee will:

1. Know and uphold the established IT&E Mission, policies and procedures, Department and Division objectives, quality assurance and safety programs and standards.
2. Install, troubleshoot, and maintain all (OSP) Outside Plant fiber optic systems to include businesses, homes, schools, and other organizations to ensure that they are working properly.
3. Measure signal strength of telephone and internet connections to ensure that there is adequate performance.

4. Create sensors and perform inspections to make sure that the fiber optic systems do not have defects that could undermine performance.
5. Conduct regular inspections of the systems with the aim of locating and repairing any defects detected during the inspections.
6. Perform premises cabling and run fiber optic cables above and underground
7. Determine solutions to any problems and issues that are preventing the fiber optic systems from performing optimally.
8. Construct proper splice case as well as preparing and maintaining records, diagrams and schematics relating to the splice case
9. Cable locate underground fiber facilities upon the request of contractor/ utility companies.
10. Splice fiber optic cables including both loose tube and ribbon optic cables. Construct a proper splice case, including but not limited to: grounding, bonding, isolating, slacking storage and sealing. Prepare and maintain splicing records, schematics and diagrams.
11. Build graphical worksheets for contractors use and use drafting technique in Visio and other required programs. Understand Staking Sheets and MSTATIONS blueprints.
12. Perform work in accordance with industry standards. Be familiar with RUS standards, read and follow design engineers instructions and specifications, maintain the scope of work on the project and adhere to safety procedures.
13. Prepare engineering field notes. Interpret buried underground and aerial telecom facilities in records, on maps and in the field with clarity and detail and make recommendations for changes in running line or construction methodologies. Facilitate conversion into CAD and Vision programs.
14. Update and maintain outside plant records.
15. Participate in engineering, permit and construction processes to support project contracts.
16. Perform routine maintenance. Recognize and repair route issues including Hand Hole cleanup, sign placement, and weed control.
17. Perform other related duties as assigned.

Minimum Qualification Requirements:

Education: High school graduate or equivalent required; Technical school graduate desirable.

Experience: Five years of experience in telephone installation and repair and Outside Plant operations, to include fiber optic cable splicing and repair. Three years of this experience must be in construction with Outside Plant Telecom Engineering.

Licensure/Certification/Professional Association:

Certification for Fiber Optic Cable installation or vendor certification for business systems installation and maintenance are desirable, but not required at time of hire
Valid driver's license and ability to drive with manual gear shift required

Special Knowledge, Skills and Abilities:

1. Knowledge of:

- a. Design techniques, tools and principles involved in the production of technical plans, blueprints, and drawings. Understanding of how to read staking sheets.
- b. Telecommunications standards and practices
- c. Telecommunications construction and maintenance requirements and regulations
- d. Telecommunications equipment, networks, and processes, to include fiber optics, DSL and Outside Plant safety
- e. Team working skills

2. Skills in:

- a. Managing human and material resources
- b. Installing, splicing and locating copper and fiber cables
- c. Using personal computer hardware and Microsoft software programs
- d. Providing good customer service in the resolution of their problems
- e. Using construction equipment, hand tools, fusion splicer, OTDR, fiber identifiers and scope

3. Ability to:

- a. Work with clients regarding engineering problems
- b. Pay close attention to detail and make good sound decisions based on information given
- c. Identify and distinguish colors
- d. Sit and stand for long periods of time
- e. Multitask and work under pressure with the ability to prioritize and organize effectively
- f. Communicate clearly, concisely and accurately with all levels of staff and customers, both verbally and in writing
- g. Carry, climb and operate extension ladder, (approx. 28 ft. high and 75 pounds), and lift and carry other heavy objects such as generators, manhole covers, pull-box covers, etc.
- h. Pull/pull heavy objects such as aerial platforms, racking and forming cables.
- i. Drive company vehicles in a safe and responsible manner
- j. Work independently without supervision, maintaining a positive attitude and strong work ethic
- k. Work indoors, outdoors, in poorly ventilated areas, in confined spaces, during extreme heat, exposed to dust, dirt, noise, insects, cleaning solutions, in all kinds of weather and at all times of the day or night
- l. Work exposed to high voltage electrical power lines, explosive and/or flammable liquids and gases, oxygen deficiency, carbon monoxide, lead toxicity and asbestos materials. Work with molten lead and wax.
- m. Work assigned work tour which may be weekdays, weekends and holidays, including days, evenings and night hours. Subject to occasional scheduled and/or unscheduled overtime and callouts.

As an Equal Opportunity/Affirmative Action Employer, we afford equal opportunity to all applicants and employees for hire and promotion without regard to race, color, origin, gender, age, marital status, religion, veteran status, gender identity, sexual orientation, pregnancy or disability or genetic information.

IT&E is a Drug Free Workplace