

Fiber Broadband Technician

Forked Deer Electric Cooperative is looking for a self-motivated individual who is capable of building and maintaining both overhead and underground fiber optic network projects in the position of Fiber Broadband Technician.

GENERAL DESCRIPTION OF POSITION

Under general direction, a Fiber Broadband Technician is responsible for the installation, repair, and maintenance of fiber optic connections and equipment for the delivery of broadband. The technician will connect customer equipment and networks to FDC services and may be required to perform a variety of other duties as assigned in addition to those listed below.

ESSENTIAL DUTIES AND RESPONSIBILITIES

- Installs fiber optic cable and equipment for the delivery of services from the network access point to homes and/or businesses, including wiring homes/buildings and/or connecting homes/businesses to the systems.
- Operate mini-excavator, cable plow, directional boring equipment, trencher, and bucket truck.
- Place conduit and/or cables in trenches, splice conduit, pedestals, vaults, etc.
- Responsible for the installation and interfacing of customer networks to FDC services.
- Performs fiber tests with an OTDR, power meter, fiber inspection probe, and visual fault locator.
- Detects malfunctions in equipment, makes all possible repairs and adjustments, and reports all problems to proper departments.
- Troubleshoots wiring and equipment; replaces or repairs damaged equipment.
- Completes paperwork properly and in a timely manner.
- Disconnects service for non-payment; retrieves equipment upon request; reconnects as requested following payment.
- Provides accurate equipment location, splicing and terminating records for the fiber database.
- Assists with installation of lines and poles, bonding/grounding poles, splicing in equipment, switching from old to new equipment, etc.; removes old lines and poles.
- Performs fiber/cable service calls.
- Performs on-call duties as scheduled.
- Assists other Divisions as requested.
- May be asked to help answer tech-support calls.
- Perform any other related duties as required or assigned.
- Capable of working in all temperature environments.
- Perform other tasks

The duties listed above are intended only as general illustrations of the various types of work that may be performed. Specific statements of duties not included does not exclude them from the position if the work is similar, related, or a logical assignment to the position. Job descriptions are subject to change by the Management as the needs of the Utility and requirements of this job change.

QUALIFICATIONS

- *2 years of Telecommunications technical experience preferred
- *Proficiency with computers, wireless routers, diagnostic equipment, and complex machines
- *Experience with the following equipment: fusion splicer, cleavers, fiber optic strippers, fiber inspection probe, buffer tube splitter, OTDR, power meters, traffic identifiers, VFL, rodders, ladders, and bucket trucks.
- *Ability to use basic cable installation tools and hand tools
- *Perform jobs from high positions (poles/roofs), climb poles with proper equipment (safety belt, strap, climbers,) appropriately and safely use ladders and bucket trucks (18 to 20 feet,) as determined by the system's requirements.
- *Ability to communicate effectively and professionally with all audiences including customers, co-workers, and other community members.
- *Previous experience working in a customer service environment, and a professional work appearance.
- *Basic knowledge and familiarity with consumer home electronics such as Smart TVs, HDTVs, Blue Ray players, and home theater systems.
- *Must also have map reading skills, basic math, and reasoning skills as well as the ability to communicate via email, and telephone.
- *Team player with the ability to also work independently.
- *Ability to lift items weighing up to 80 lbs.

EDUCATION AND EXPERIENCE

Graduation from high school or equivalent is required, further education may be advantageous.

REQUIRED LICENSES

Must possess and maintain a valid Tennessee driver's license and safe driving record.

ENVIRONMENTAL CONDITIONS

The following work environment characteristics described here are representative of those an employee encounters while performing essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

While performing the functions of this job, the employee is frequently exposed to work in high, precarious places, outdoor weather conditions, risk of electrical shock, moving traffic, and may occasionally be exposed to work near moving mechanical parts, fumes, airborne particles, and toxic or caustic chemicals. The noise level in the work environment is typically moderate.

ADDITIONAL INFORMATION

Must be able to respond to calls in emergency situations within thirty minutes of emergency call. At all hours in all weather conditions.

DRUG AND ALCOHOL TESTING

All Forked Deer Electric workers are subject to Random Drug and Alcohol Testing.