**Outside Plant Fiber Technician**

**Job Location: 216 Warm Springs Blvd., Elephant Butte, NM 87935, Sierra County**

The Outside Plant Fiber Technician position is a fulltime position, the primary focus of which is to test, service, install and repair Fiber Optic telecom Network elements for Broadband services. Responsible for installation, decommissioning and troubleshooting problems of network equipment and circuits. This includes the fiber, transport equipment and all critical infrastructures within. Demonstrates a degree of experience with circuit provisioning, maintenance & testing optical infrastructure and layer 2 Adtran equipment , test equipment, telecommunication equipment installation and acceptance. Responsible for the outside plant network in a given geographic boundary, including transport fiber routes. This position requires exceptional computer and communication skills and reports directly to the Outside Plant Supervisor.

Responsibilities

* Installs, tests, repairs, and maintains maintains CPE (Adtran and other FTTP support equipment). Keeps necessary reports about each job performed.
* Receives and analyzes trouble reports, pinpoints cause and corrects the trouble.
* Performs site surveys, fiber locating and oversees splicing of Metro/Long Haul Outside Plant fibers.
* Installs and repairs outside/inside cable for internet services.
* Works with Fiber plant in all weather conditions.
* Diagnoses, Troubleshoots and repairs customer and network trouble. fiber optic equipment.
* Removes and replaces defective equipment, tracks spares and ensures repair.
* Monitors route and executes restoration in the event of a service interruption, proactively responds to potential problem areas to ensure integrity of network.
* Works with DSL technologies, WiFi, and IP based telecommunications.
* Evaluates job sites to optimize placement of fiber optic services to the home or business.
* Assists other departments remotely to troubleshoot Network equipment.
* Safely operates equipment such as: trenchers, power augers, snow machines, tractors, etc.
* Handles emergency after hour callouts.
* Works evenings and weekends if required.
* Warehouse inventory & stocking duties. Responsible for asset management: process deliveries and replenishes consumables. Coordinates shipping and receiving of materials. Orders all consumable materials for installations- Fibers, attenuators, racks, etc.
* Site surveys for all customer and NB installs in gateway.
* Operates and maintains tools, test sets, OTDRs, T-Berd 2310/310, PRI Tester, EXFO FTB-1/FTB-200 lightwave multiplexing equipment, digital multiplexers, channel banks, circuit termination equipment, AC and DC power equipment, fiber optic cable locating equipment.
* Performs preventive/scheduled maintenance and inspections on equipment and on the critical infrastructure including, but not limited to: HVAC systems, high-voltage electrical systems, DC Power Plants.
* Installations, test and turn up of all circuits within Ethos optical network in addition to performing Customer Provided Equipment (CPE) installs in the metro market.
* Maintains the efficient operation, appearance and records of assigned vehicle and equipment.
* Customer focused; ensures customer service is consistently provided to all customers.
* Must demonstrate excellent, professional interpersonal communication skills and be able to work with limited supervision in high performance, team environment.
* On-call 24x7 on a rotational basis, on stand-by, call out, dispatch, and overtime are required as dictated by the business.
* Keeps abreast of technology changes and telecommunications’ industry regulations.
* Maintains a professional appearance and hygiene.
* Perform other responsibilities as required to fulfill job function.

Qualifications:

* High School diploma or equivalent.
* At least 5 years’ experience in installing, repairing and testing of Fiber Network.
* 2+ years’ experience working on Installation, Test, and Turn-up of a variety of Telecommunication equipment including SONET, DCS, DWDM, Routers and Switches.
* Ability to read and interpret network plant facility prints in a digital format.
* Ability to bend, stoop, squat, crawl, and lift overhead for long periods of time
* Must be physically fit to perform job (must be able to lift 70 lbs.).
* Ability to work in all types of weather.
* Willing and able to work unscheduled overtime.
* Strong technical and mechanical background with experience on the latest generation transport gear, critical infrastructure (HVAC systems, high-voltage electrical systems, DC Power Plants, etc.), as well as knowledge of locating fiber optic cable, right-of-way, and As-Builts.
* Must have a high degree of experience and/or knowledge of at least two of the four major technician disciplines: Transmission (DS1/DS3/SONET), Switching (circuit-switching/SS7), TCP/IP (routers/higher-layer protocols), and Outside Plant (Fiber locating, OTDR, Mass Fusion Splicing, etc.).
* Some technical evaluation and fundamental judgment is required, while building an internal and external network.
* Ability to quickly learn corporate databases.
* Attention to detail with good organizational capabilities; ability to prioritize with good time management skills
* Able to climb poles up to 18’.
* Able to climb various ladders up to and including 30’ extensions.
* Must be able to perceive differences in wire and cable colors.
* Proficient in Windows OS, Microsoft office suite & other software programs that may be required.
* At least 5 years’ experience installing and repairing Fiber facilities.
* At least 5 years’ experience in splicing Network facilities: Fiber Optics.
* At least 5 years’ experience installing and troubleshooting T1, DSO, Digital loop carrier,

High speed internet, and Wireless radio.

* Working knowledge of various test equipment- Side kick, 965 DSP, EXFO, OTDR’s.
* Working knowledge of locate equipment for buried Fiber optics.
* Electronics training or experience that demonstrates knowledge of AC/DC theory & electrical circuitry.
* Must have an in-depth knowledge of home/sotto network terms, including IP, DHCP, WiFi, RJ45, etc.
* Valid State driver’s license and a clean driving record required.
* Minimum of 5 years’ experience in telephone network or related fields.
* Must live within 45 minutes of reporting location.

This job specification lists the major duties and requirements of the job and is not all

Inclusive. Incumbent(s) may be expected to perform job-related duties other than those

Contained in this document and may require to have specific job-related knowledge and

skills. Job duties and responsibilities are subject to change based on business needs and

conditions. Any offer of employment is contingent upon the results of a pre-employment

drug test and background check. Ethos Broadband is a division of SWC Telesolutions, complies with the

EEO and is an Equal Opportunity Employer and provider.