



JOB POSTING

Date of Posting: November 21, 2007
Posting Number: NJ112107TTIII
Position: Telecom Technician III
Status: Non-Exempt
Location: South Plainfield, NJ
Position Reports To: Construction Manager

Plans, directs, and coordinates activities concerned with placing, troubleshooting, and repairing fiber optic telecommunication cables and network equipment by performing the following duties.

Essential Duties and Functions:

- Uses electronic locating devices, as-built drawings, maps, and/or atlases to accurately mark the location of underground facilities. Prepares and submits backup documentation for each locate. Documentation may include, but is not limited to, daily reports, locate tracking forms, and photos.
- Responsible for observing active construction work and protecting existing facilities through routine cable route surveillance.
- Coordinates meetings with ROW owners to assess actual and/or potential conflicts with the company's fiber infrastructure. Works with other team members to design a modified route if necessary.
- Analyzes OTDR test figures made when cable fault occurs to determine exact location of cable break. Using OTDR, troubleshoots fibers and plans and organizes repair efforts to successfully resolve customers' problems.
- Performs development and service work on telecommunications systems, which may include but not necessarily be limited to: SONET, 10base-T Ethernet, CWDM, DWDM, Gigabit Ethernet, Network Management Systems, Cable Management Systems, PBX, telephone, radio, and video equipment.
- Performs routine inspections, testing and maintenance of network equipment.
- May be required to be on-call (24X7) on a rotating schedule for network emergencies.
- Other duties as assigned by supervision.

Qualifications:

High school diploma or GED equivalency and a minimum of six years experience with telecommunications systems. Previous experience in construction, telecommunications network maintenance, electrical work, security systems, and/or fiber optic splicing and testing is desired. An equivalent combination of education and experience will be considered.

Should possess a high level of working knowledge of telecommunications systems including but not limited to: SONET, 10base-T Ethernet, CWDM, DWDM, Gigabit Ethernet, Network Management Systems, Cable Management Systems, PBX, fiber optic cabling and optical equipment, telephone, radio, and video equipment.

Should possess a high level of working knowledge in the following specialty areas:

Data: modems, routers, DSU's, DDS services, Ethernet, token ring, TCP/IP, addressing/routing tables, and protocol analyzer, ATM (Asynchronous Transfer Mode).

Transmission: transmission test sets, bit error rate testing, OTDR testing, SONET system implementation, testing and troubleshooting.

Voice: Nortel Option 11, Telco Systems Channel bank, Tie Line, Ring Down Circuits, OPX's.

Switch: alarms, trunk activation, network trunk testing, network routing, database management systems, troubleshooting and restoration, battery plants.

Communications (software): Programming and system configurations on PBX and voice mail systems, configuration of large and complex PBX systems, advanced PBX features (CCR ISDN).

Incumbent must possess a valid driver's license.