

Infrastructure Engineer

Location: Sylva, North Carolina

Travel Involved: Local 40-60%

Job Type: Full or Part Time

Job Level: Experienced

Education: High School or Equivalent; also secondary optical certifications or extensive OJT.

JOB DESCRIPTION:

This person will report directly to the CTO, but will also work closely with the Fiber Operations and ISP Engineer. The key job function would be to work primarily in the POP's as a backup to the ISP Engineer in maintaining the DC power systems, installing the electronics in relay racks, cabling and powering up the electronics for provisioning. The person in coordination with the ISP Engineer, will primarily focus their efforts on the BalsamWest POP sites and associated "make ready" requirements such as installing relay and ladder racks, SONET, DWDM, and Ethernet equipment, power, and wire management in the POP facilities. The position will also have a coordinating job function with other Operations team members (IP and voice) along with individuals from the outside plant team.

SKILL REQUIREMENTS:

This is a full time or part time position requiring regular and on-call status work. Qualified candidates would possess an understanding of cable locating, cable construction and fiber restoration. SONET, DWDM, and other Fiber Optic Transmission Systems experience are required. Understanding multiplexing techniques including TDM and FDM is important. Familiarity in maintaining and troubleshooting -48v D.C. power plants, installing electronics, relay and ladder racks and cabling is required. This position will require DWDM equipment installations, power and wire management in our existing POP facilities in addition to new facilities. The use of various types of test equipment including cable locators, B.E.R.T., Optical Spectrum Analyzers, Optical Time Domain Reflectometers, Power Meters, Light Sources, and Volt Ohm Meters is required. The position will require a significant regional driving, the ability to lift objects that weigh approximately 50lbs, seldom business (overnight) travel. Position will require on-call status and the ability to work late nights and possible weekends for disaster recovery.

Education/Training: The successful candidate will have demonstrated success in the following areas: Multitask performance; Inspecting; Testing; Troubleshooting/Diagnostics; Vehicle Operations, Safety Installation, Microsoft Office.

Annual Salary Range: \$40K-\$55K commensurate on experience and job status

Please email resume with cover letter to hr-bwfn@balsamwest.net