Job Posting

Location: Oregon	Wave Fiber Design & Construction
Job title: Fiber Optic Network Design Engineer	
Reports To: VP of Fiber Design	

Type of Position:	**Salary:**	**Posting Period:**
Full-time	DOE	Until Filled

Purpose of Position: The Fiber Optic Network Design Engineer plays a vital role in ensuring quality and timely deliveries of our fiber services along with additional services to customers. Skilled in network design and engineering with an understanding of OSP construction. This position will have project management skills, ability to work independently, knowledge of construction practices for outside plant cable placement, sufficient experience with computers and have a background in all phases of network design. The position requires telecommunications engineering experience and the ability to travel between Washington, Oregon and California.

Responsibilities include:

- Planning and designing fiber routes
- Conduct equipment qualification
- Analyze OTDR traces, evaluate characteristics of fiber, and document test results.
- Work with Construction PM's and/or field personnel to ensure quality and timely delivery of our services.
- Provide remote technical support as necessary to perform field service and additional assistance as required
- Provide technical support by telephone conference, or through visits, to installers, customers and contractors
- Provide project scope for new fibers services
- Assist in troubleshooting fiber circuits and other services
- Design and document fiber splicing and fiber patch assignments for fiber circuits
- Create and maintain appropriate technical documentation
- Analyze and recommend upgrade/expansion strategies
- Participate in the development and the enforcement of network standards and procedures.
- Work flexible hours, after hours work which would include nights and weekends
- Maintain a positive attitude and strong work ethic that can provide high productivity with minimal supervision.
- On call rotation responding and restoring services for emergency calls
- Participates in engineering, permit and construction processes
- Perform all work as necessary to conform to quality control guidelines (includes compliance with requirements outlined in applicable regulations such as: OSHA, FCC, NESC and NEC, etc ; as well as following procedures as outlined in the Installation, Technical, Operations, and Safety Manuals, and Employee Handbook)

- Perform other duties as requested by supervisor

Qualifications and Work Environment:

- Experience with fiber optic network documentation tools (OSP Insight preferred)
- College degree or equivalent experience
- Advanced knowledge of the OSI Model at Layers 1-7
- Strong analytical skills – ability to translate data to strategy
- Ability to think creatively and strategically
- Strong communication skills are absolutely essential as is a cooperative attitude toward co-workers and third party vendors
- Excellent organization and time management skills
- Visual design skills are a strong plus
- Ability to interact effectively with other team members.
- Must be able to work independently without supervision
- Ability to adhere to Local, Federal regulations and Company policies
- Valid driver's license, auto insurance, with a satisfactory driving record

Diverse Workforce / EEO:

WaveDivision Holdings (WDH) recognizes and strongly supports the benefits of a diverse workforce, and strives to provide a culture that recognizes the unique contributions of each of our employees. WDH requires a drug test, background check, employment, and education verification as conditions of employment. WDH is an equal opportunity employer and will consider all qualified candidates regardless of race, color, religion, national origin, gender, age, marital status, veteran status, and the presence of a non-job related handicap or disability, or any other legally protected status.

To Apply: Interested candidates may send cover letter and resume to hrmgr@wavebroadband.com (please include job title and location of position in your email).