

Critical Hub Networks, Inc. is seeking qualified candidates for the Puerto Rico Bridge Initiative (PRBI), a project funded by the U.S. Department of Commerce under the American Reinvestment and Recovery Act of 2009 (ARRA). We are currently seeking candidates for the following position:

Job Title: RF Network Engineer

Department: PRBI

Announcement Number: PRBI-570-014

Job Summary:

The RF Engineer will be responsible for the creation, deployment and operation of a licensed wireless/microwave network throughout Puerto Rico for IP/Broadband use. Candidate must have experience in RF Network design & deployment. Experience in networking/routing preferred.

Responsibilities:

- Design high capacity microwave network connectivity using both licensed & unlicensed frequency bands
- Develop system design & network criteria, based on network requirements, planning documents and collaboration with network engineering teams
- Use Pathloss propagation & planning tool to meet design criteria of performance
- Translate system requirements into design requirements
- Create procurement materials and analyze equipment for deployment
- Conduct RF sweeps, propagation studies, and RF coverage projections
- Conduct field work including site surveys, path analysis and modeling, installation, troubleshooting & optimization
- Research, prepare & submit microwave license applications with the FCC
- Works with new architectures and product introduction to make them standard implemented solutions in the network.
- Assists other Network Engineering teams in the analysis and diagnosis of problems.
- Remains current on RF & IP carrier products, standards and practices.
- Support the management of PRBI terrestrial telecommunications
- Monitors transport system performance and analyzes traffic and utilization trends.
- Participates in multiple network projects simultaneously while maintaining daily operational excellence
- Designs and implements integration solutions between PRBI and client networks
- Researches, tests, evaluates, and recommends RF technologies, equipment, and infrastructure systems.
- Seeks continual performance improvements within a highly secure environment.

Requirements:

- Great problem solving skills
- Strong knowledge of VPN fundamentals
- Willingness to provide on-call support for critical production issues
- Proven history of documenting projects and processes.
- Professional with ability to properly handle confidential information
- Ability to handle multiple tasks, prioritize and meet deadlines.
- Bilingual (English/Spanish). Excellent written and verbal communication skills.
- Team player with strong desire to assist and share knowledge

Key Requirements:

Educational Requirements: Bachelor's Degree from four year college/university is required, preferably in Engineering/Math/Computer Science.

Professional Requirements: 2+ years RF Engineering experience or related. Knowledge of frequency licensing issues, IP protocols, MPLS, OSPF, BGP, Ethernet, SONET, and other data networking concepts. Requires advanced knowledge and experience in the area of local and wide area networking, communications, and related hardware and software including PATHLOSS.

Applications will be accepted from U. S. Citizens. Background Check Required. Must be fluent in English and Spanish.

Duty Location: Based in San Juan, Puerto Rico. Travel outside of Puerto Rico may be required with little or no notice.

Please send a cover letter, resume, salary history and relevant candidate support including letters of recommendation, transcript and/or copy of degree, professional certifications via email in PDF format.

Critical Hub Networks, Inc. is an Equal Opportunity Employer