Wireless Engineer

CTC Technology & Energy
Kensington, MD 20895

CTC Technology & Energy (CTC) is an established consulting firm that offers a challenging work environment combined with reasonable hour expectations, an emphasis on COVID safety, and an emphasis on work-life balance. To build our growing team, we seek a highly motivated and self-reliant **Wireless Engineer.**

The following factors matter to us:

- You are self-directed, highly motivated, and love your work;
- You value independence and quality of life, and being treated with respect by your employer and colleagues;
- You seek a challenging, exciting job and co-employees (and customers) with the same vision;
- You are interested in collaboration and accomplishment;
- You want to work hard while in a fast-paced, but reasonable environment.

Summary

The Wireless Engineer will work with a team dedicated to assisting the public sector manage the increasing deployments of cell sites. The Wireless Engineer is required to have a working knowledge and experience working on wireless telecommunications projects including, but not limited to, cellular site selection, RF planning, FCC emissions guidelines as well as coordinating environmental, regulatory and municipal approvals.

Desired Expertise and Skills:

The following experience for this position matters to us (any or all of these is a plus):

- You possess in-depth knowledge of network infrastructure, such as in fiber optics;
- You have a computer science or other technical background and can develop and refine analytical tools related to networks and broadband;
- You are able to assist with the development of written reports;
- You possess in-depth knowledge of radio frequency propagation;
- You have working experience on one or more RF technologies - GSM/CDMA/UMTS/LTE;
- You have worked on one or more RF propagation/prediction tools;
- You have worked on one or more industry acceptable performance data management tools, drive test tools and other optimization tools;
- You have a Bachelor of Science Degree in Electrical Engineering (MSEE) or equivalent, and 2+ years' experience in RF network design are required;

- You possess a valid PE license;
- You should be able to mentor junior engineers, take a lead role on small to medium projects, and able to perform most of the duties and tasks listed above.

This position will include the following tasks:

- Review site candidate information packages;
- Review tower company siting applications;
- Coordinate and interact with RF engineering, real estate, zoning, and construction counterparts;
- Procure and analyze zoning maps, tax maps, deeds, titles and other documentation for approved properties;
- Coordinate, schedule and attend site visits;
- Review construction drawings and zoning/permit applications;
- Review applications for zoning and building permits to applicable jurisdictions;
- Coordinate with outside counsel and other professional service vendors as required;
- Attend and present at community meetings, as well as testify at zoning hearings when required;
- Prepare project deliverables;
- Attend and lead client meetings as required;
- Assist with training and developing team members.

About this company:

CTC is a vibrant, fun, exciting workplace with some of the most complex networking projects in the country. These include metropolitan area fiber networks, nationwide fiber access architectures, developing national broadband policies, planning the implementation of the FirstNet public safety wireless broadband network, and deploying new generations of wireless technologies.

We want to hire superstars who do amazing work.

We hire only people who meet our standards for both seriousness of purpose and commitment. You must show us that you have high integrity, ability to meet deadlines, maturity, and flexibility. And we'll expect you to provide evidence of appropriate presentation and writing ability.

Since the beginning of the COVID-19 pandemic, our office has been closed and employees have done their work from home or performed outdoor field inspections. We are focused on employee health and are not planning to reopen our offices until the end of the pandemic. If you are the right fit for us, we can offer you unique work situations—if you need flexibility in hours, we can accommodate that. All options are possible for outstanding, motivated employees.

If you are interested in this vision of the workplace—and in joining an amazing team of motivated engineers and project managers, send us your resume and salary history.

Competitive salary and benefit package/Equal Opportunity Employer.

Background: CTC Technology & Energy (CTC) is an established, 30-year old, growing independent communications and IT engineering consulting firm. We work at the highest levels on cutting-edge communications networking projects for public sector and non-profit clients throughout the U.S. Current projects include long-term fiber optic and wireless regional communications interoperability initiatives in the Washington, DC area, funded by the U.S. Department of Homeland Security, design and implementation of wireless networks, engineering design and business modeling and project oversight for broadband networks, and advising the federal government.

We offer comprehensive expertise in the following broad, evolving areas:

- Designing and implementing metropolitan area fiber optic and wireless networks
- Designing and optimizing network architecture
- Coordinating the planning and design process with policymakers and first-response professionals
- Developing public/private partnerships in broadband communications
- Public Safety Wireless Communications
- Homeland Security Planning and Networking
- Intelligent Transportation Systems (ITS)/Traffic Communications
- Broadband Communications Networking
- Engineering Analysis for Siting of Wireless Communications Facilities
- Communications Network Performance Evaluation

Location: Kensington, MD with clients nationwide

- Compensation: Salary based on experience and education
- Principals only. Recruiters, do not contact
- Please, no phone calls about this job
- Please do not contact job poster about other services, products, or commercial interests

Please submit your resume to jobs@ctcnet.us .