

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

**The following factors matter to us:**

- You are self-directed, curious, highly motivated, and interested in learning;
- 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 in a fast-paced, but reasonable environment;
- You are able to see the big picture and purpose of your work at the same time as you pay close attention to details;
- You want to be part of our vision of bringing broadband to the world

**Desired Skills & Experience**

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

- You have at least five or more years of experience designing fiber optic, coaxial or telephone outside plant;
- You have general expertise with design programs (AutoCAD or similar);
- You have worked with or are able to learn to work with electronic GPS-based design equipment;
- You are well-organized, thorough and precise in taking field notes;
- You have the ability to write brief memos and notes for reporting and documentation;
- You have the ability to review design drawings;
- You have experience with state and local permitting processes;
- You have experience with pole attachment and make ready

**About the Job:**

**This position will include the following tasks:**

- Aid in creating project budgets for Outside Plant Design and Construction;

- Aid in coordination of Outside and Inside Plant design and construction activities;
- Become familiar with the different systems needed to fulfill the job requirements within your first month;
- Deliver jobs on-time and within budget;
- Maintain accurate records;
- Have an extremely strong attention to detail

**Physical Requirements/Working Conditions:**

This position requires a little more than a desk and a computer. You will be outside, in the elements fairly often at construction sites to review work. As such you must be able to drive your personal vehicle to job sites as needed (you will be reimbursed for mileage). You should be able to utilize hand tools, a cellular telephone and a significant amount of test equipment. Additionally, you must be able to push, pull, bend, stoop and reach.

**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

**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. 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, and we have many employees who telework. 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. An Equal Opportunity/Affirmative Action Employer.