

RT Communications, Inc.

Job Title: Engineer
Supervisor: Engineering Manager
Location: Worland

Department: Engineering
Date: May 8, 2019
Closing:

The statements herein are intended to describe the general nature and level of work being performed by employees, and are not to be construed as an exhaustive list of responsibilities, duties and skills required of personnel so classified. Furthermore, they do not establish a contract for employment and are subject to change at the discretion of the employer.

General Summary:

Plans, prepares and designs drawings for construction of new and removal or rearrangement of existing aerial and underground lines, cables, conduits and wireless applications. Plans, designs and prepares drawing and staking sheets for copper, wireless and new fiber optic routes in support of advanced service offerings. Analyzes capacity of available and existing lines, forecasts or estimates projected requirements to determine new construction or rearrangements and removals required. Selects routing for buried and/or aerial lines, evaluates best practices for wireless applications and determines equipment requirements. Prepares detailed construction and installation drawings and estimates equipment, labor, and material costs. Prepares, negotiates and secures necessary permits, easements, and rights-of-way.

Knowledge, Skills, and Abilities:

- Knowledge of telecommunications construction and engineering practices and principles.
- Knowledge of transmission qualities and capabilities of copper and fiber plant.
- Knowledge of the understanding of FTTH and FTTN design and implementation.
- Knowledge of the electronics and apparatus needed to support the advanced services technology.
- Knowledge of the Central Office switching environment is preferred.
- Knowledge of plant records keeping experience with fiber and copper plant preferred.
- Knowledge of industry regulations affecting engineering projects including NESC Safety Regulations and RUS guidelines.
- Knowledge of company products and services.
- Knowledge of company policies and procedures.
- Skill in operating various office equipment such as personal computer, various software programs, and telephone systems.
- Skill in problem identification and resolution.
- Skill in oral and written communication.
- Skill in reading and interpreting technical documents and forms including work orders, staking sheets, schematics and specification manuals.
- Ability to communicate with customers, co-workers, and various business contacts in a professional and courteous manner.
- Ability to organize and prioritize multiple work assignments.
- Ability to pay close attention to detail.
- Ability to work independently.
- Ability to make sound decisions using information at hand.
- Ability to effectively function as a team player.

Education and Experience:

Associate's degree in electronics and/or engineering or equivalent experience PLUS three to five years of telephone engineering or telephone plant experience. **NOTE: In absence of an Associate's degree in engineering, equivalent experience qualifies with 5 years utility engineering experience.**

Licenses:

Driver's license.

General Information:

The general work hours for this position are 8:00 am - 5:00 pm Monday through Friday. Overtime and/or extensive travel will be required.