

Union Telephone Company

Job Description

Job Title: Project Engineer
Department: Engineering

Summary:

Researches, designs, develops, evaluates, specifies, and tests telecommunications systems by performing the following duties:

Essential Duties and Responsibilities:

Designs systems and facilities for commercial wireless and wireline telecommunications purposes.

Understands and applies the principals of RF planning for the siting and planning of wireless communications sites.

Locates, secures and designs infrastructure for copper and fiberoptic landline telecommunication, mobile communication systems, and microwave radio telecommunications.

Knowledge of fundamental design principles of AC and DC power systems and grounding as they relate to communications systems.

Evaluates manufacturer's products for use in these systems. Specifies the equipment used in these sites. Uses computer-assisted engineering and design software and equipment to generate project specifications.

Works with Site Acquisition teams to secure the locations for the installation of these facilities. Demonstrates knowledge and abilities to ensure compliance to federal, state and local wireline and wireless regulations related to the job in Union's Local Exchange Areas and extended areas.

Proficiency at working with other departments to provide reports required for reporting to government agencies and others.

Consistently demonstrate good communication skills to solve technical problems working with technical support teams.

Directs activities to ensure that scheduling, construction, installation, and operational testing conform to functional specifications, regulatory requirements, and customer requirements.

Assists other company personnel in the record-keeping, operation, maintenance, and repair of equipment and systems in field installations.

Core Competencies:

Core competencies are specific job behaviors that have been identified as essential to the success of Union Telephone Company & define job performance requirements by salary range zones. The Company has identified the following core competencies as essential job behaviors that all employees need:

Safety. Consistent awareness, leadership, and compliance (self and others) with safety regulations, policies, procedures, practices, and safe-work habits in all situations.

Work Quality. Quality work is neat, accurate, thorough, creative, timely, and safe and meets or exceeds customers' expectations.

Team Skills. Team skills enable employees to work together to achieve team objectives in a supportive and productive way.

Coaching. Coaching skills promote learning by seeking feedback and using it to reach higher levels of performance.

Self-Management. Self-Management is the effective use of time and resources to accomplish work goals in a safe and cost-efficient manner.

Customer Focus. Customer focus includes understanding customer needs and making and keeping realistic commitments and meeting customer expectations.

Interpersonal Skills. Interpersonal skills promote interaction with others in a consistently positive, respectful and productive manner.

Company Focus. Company focus involves understanding and aligning individual contribution with company's goals, mission statement, visions, values and critical success factors.

Continuous Improvement. Continuous improvement means changing business processes to become more innovative, productive and cost-effective in ways that better meet customer needs and eliminate unproductive or unnecessary practices.

Business Ethics and Diversity. Good business ethics and diversity demonstrate a positive attitude toward complying with all company policies, practices and procedures including treating all customers, the public and fellow employees with respect and dignity about gender, race, nationality and personal beliefs. We are committed to the full compliance of laws and regulations that affect the company.

Qualifications:

To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements are representative of the knowledge, skill, and/or ability required. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

Education and/or Experience:

Bachelor's degree (B. S.) or equivalent from four-year college, university or technical school in Electrical Engineering or related field; or five years related experience and/or training; or equivalent combination of education and experience.

Language Skills:

Ability to read and interpret complex engineering documents and technical manuals, operating and maintenance instructions, and procedure manuals.

Ability to write routine technical reports and correspondence.

Ability to speak effectively before groups of customers, vendors, outside organizations, and other employees of the organization.

Ability to mentor and teach.

Certificates, Licenses, Registrations:

Valid Driver's License

Acceptable Driving Record

Computer Skills:

Ability to effectively utilize various programs and equipment including Internet software, Inventory software, Manufacturing software, Spreadsheet software and Word Processing software, database software, RF propagation software, CAD software, link budget software, and mapping software.

Mathematical Skills:

Ability to apply advanced engineering mathematics, e.g., trigonometry, analytic geometry, calculus (differential and integral), linear algebra, and differential equations, in the solution of problems associated with the engineering function.

Physical Demands:

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

Occasional sitting in a vehicle; driving a vehicle; walking in rough terrain at high altitudes; work overnight. Regularly required to sit, talk or hear, stand and walk. Frequently lift and/or move up to 40 pounds. Specific vision abilities include close vision, distance vision, color vision.

Work Environment:

The work environment characteristics described here are representative of those an employee encounters while performing the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

While performing the duties of this job, the employee is occasionally exposed to outside weather conditions and high precarious places. The noise level in the work environment is occasionally loud.