

Incorporated in San Antonio, Texas in 2006, Texas Utility Engineering, Inc. (TXUE) is a multifaceted consulting engineering firm that possesses a vast and diverse experience in the telecommunication and power utility engineering industry.

What began as a three-man operation working off a kitchen table has, in less than nine years, evolved into a 65+ employee company with two office locations. TXUE President David Evans, PE and Vice-President Brett Bigham, have a combined experience of over 50 years in both electric utility and telecommunication environments, including a telecom start-up environment.

TXUE's mission is to provide quality services through modern engineering and management practices with a team dedicated to professionalism and customer satisfaction.

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## POLE LOADING ANALYST

### SUMMARY

Conduct accurate and timely pole loading analysis which includes; collection and data entry of pole type, class, height and ground level circumference; collection and data entry of attachment height, size, weight, type, angle, and span length of electrical conductors and equipment; the attachment height, length and angle of guys supporting the pole; as well as the attachment height, size, weight, type, angle and span length of third party attachments, including cables, messenger wires, antennas and risers.

### ESSENTIAL FUNCTIONS

- Adhere to established standards
- Evaluate pole defects
- Access poles throughout service area, including those located in remote terrain and other potentially difficult to access locations such as residential customer properties
- General knowledge of electrical utility practices
- Ability to interpret and understand field sheet notes, schematics, maps, and drawings
- Produce routine and project specific correspondence

*Reasonable accommodation may be made to enable individuals with disabilities to perform the essential functions.*

### COMPETENCIES

- Strong attention to detail
- High accuracy
- Able to multitask
- Working knowledge of any one of the following: LineDesign, PLS-CADD, PoleForeman, O-Calc ,SPIDACalc or any other Pole Loading software
- Excellent communication and problem solving skills
- Working knowledge of Microsoft Office products
- Must be able to operate a motor vehicle and have a valid driver's license

### WORK ENVIRONMENT

This job operates in a professional office environment with routine use of office equipment; however, in some instances it may be necessary to visit the job site and be exposed to outdoor weather conditions.

## **PHYSICAL DEMANDS**

Although mostly sedentary the position requires manual dexterity, standing, walking, climbing stairs, and the ability to lift equipment weighing up to 10 lbs.

## **POSITION TYPE/HOURS**

This is a full-time position. Days and hours of work are generally Monday through Friday, 7:00 am to 4:00 pm or 8:00 am to 5:00 pm. Occasional overtime may be required as jobs demand.

## **TRAVEL**

There is no anticipated overnight travel for this position. Some local day travel may be required.

## **MINIMUM EDUCATION AND EXPERIENCE**

- High school diploma or equivalent
- 1 to 2 years' previous experience in utility drafting, telecommunications and/or electrical utilities

## **PREFERRED EDUCATION AND EXPERIENCE**

- 2 years' experience with pole loading software such as: LineDesign, PoleForeman, PLS CADD, SPIDACalc or O-Calc.
- Familiarization of load cases
- Experience drafting utilities systems

Please note this job description has been designed to indicate the general nature and level of work performed by employees in this position. It is not designed to contain or to be interpreted as a comprehensive inventory of all duties, responsibilities, and qualifications required of the employee assigned to this job. Duties, responsibilities and activities may change at any time with or without notice.

Texas Utility Engineering, Inc. is an Equal Employment employer – applicants will receive consideration for employment without regard to age, color, disability, gender, gender identity, genetic information, marital status, military status, national origin, pregnancy, race, religion, sexual orientation, veteran status, or any other legally protected characteristic.

