

Senior Transmission Line Engineer

About the Company

At ESC Engineering we are best known for delivering creative and relevant solutions to utilities, industrial entities and governmental concerns ranging from high voltage power applications for electric utilities to controls and automation solutions for manufacturing, water/wastewater and oil and gas to name a few. What we enjoy most is also being known for being there year in and year out for our clients, with whom we have an 85% repeat business rate and many long-term partnerships, and for our team for whom we strive to provide long term growth opportunities. We are 100% employee-owned and that culture is a major factor in the long term relationships we build with our clients and with each other. If this sounds like the kind of team you'd like to be part of apply today and let's work together for a bright future.

Position

Senior Transmission Line Engineer

Location

Fort Collins, CO

Responsibilities

- Routing, design, and execution of high voltage overhead transmission line projects (69kV to 500kV).
- Involvement in all facets of transmission line routing and design and be the technical lead on transmission line projects.
- Routing and design of transmission and distribution lines utilizing the Power Line Systems software suite including PLS-CADD, PLS-POLE, and Tower.
- Structure analysis and loading tees, developing design criteria and specifications for the transmission line design and procurement of materials, project cost estimating, and quality control reviews.
- Preparation of drawings and specifications for construction of transmission line projects.
- Construction management and inspection.
- Providing leadership, guidance and instruction to less experienced team members.
- Regularly meets and corresponds with clients or outside personnel.
- Travel for project site visits and field reviews.
- Actively engages and leads business development initiatives in the transmission line market.
- Other duties as assigned.

Qualifications

- Bachelor's degree in Civil Engineering from an accredited engineering school.
- Licensed Professional engineer by examination.
- Minimum seven (7) years work experience related to routing and design of high voltage overhead transmission line facilities.
- Experience in 69kV to 500kV overhead line design including expertise in Power Line Systems based programs (PLS, PLS-CADD, PLS-POLE) is required.
- Familiarity with design codes and standards such as NESC, IEC, CSA, IEEE, ANSI, IBC, ASCE 7, AISC, AND ACI 318.
- Experience in developing engineering proposals and cost estimates.
- Personality to work with other engineering and operational personnel at small-to-medium rural cooperatives and small-to-medium municipalities as well as industrial concerns.
- Problem-solving and client service orientation.
- Demonstrated ability to work with highly technical staff and manage multiple tasks and objectives.

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- Motivated and enthusiastic; good people skills and temperament; drive and ambition to set and reach challenging goals.
- Self-starter with excellent communication skills, both verbal and written to communicate effectively with internal team members and external clients.
- Ability to maintain and develop business with both existing and new/identified clients.
- Effective leadership and mentoring skills.
- People-oriented team player.
- Confident handling of the appropriate software for design purposes.
- Proficiency with Microsoft Office suite and AutoCAD.
- Ability and willingness to travel as needed within the continental U.S.
- Legally authorized to work permanently in the U.S. without the need for sponsorship (proper identification required).

Desired Qualifications

- Master's degree in Civil/Structural Engineering from an accredited program.
- Proficiency with PLS-TOWER, SAG10, LPILE, MFAD, ArcGIS, AutoCAD and MicroStation.
- Underground transmission design experience.
- Distribution/underbuild design experience.
- Surveying experience.
- Construction management and inspection experience.

Compensation/Benefits

ESC Engineering offers a competitive compensation package including: medical, dental and vision insurance; 401k and profit sharing retirement plan contributions; life insurance; Flexible Spending Accounts (FSA) or Health Savings Account (HSA); paid vacation and holidays; and as an employee-owned company stock ownership is made available to all team members with attractive return.

Apply

Send resume, cover letter and any other pertinent information to jobs@thinkesc.com.

ESC Engineering is an Equal Opportunity Employer