



Transmission Line Engineer

About the Company

At ESC Engineering we are best known for delivering creative, relevant and impactful solutions to utilities, energy solutions, industrial and governmental entities ranging from high voltage power applications to controls and automation solutions for manufacturing, water/wastewater and oil and gas to name a few. What we enjoy most is being here year in and year out for:

- our clients with whom we have an 90% repeat rate and many long-term partnerships, and
- our team for whom we strive to provide long term growth opportunities.

We are 100% employee-owned. That culture is a major factor in the relationships we build with our clients and with each other. Our core values speak to who we are and what we believe:

- *Accountable, Responsive, Experienced, Stable and Ownership Mindset.*

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 - Transmission Line Engineer

Location - Fort Collins, CO

Summary Description

We are looking for an individual with power transmission line design experience along with the drive and ambition to grow themselves as well as our Transmission Engineering practice. The position entails understanding clients' needs then defining and developing relevant and world-class solutions from design all the way through construction and energization. Additional opportunities include refining work processes, developing business and continuing our tradition of developing and maintaining long term client relationships. This position comes with the opportunity for ownership in the company.

Responsibilities

- Provide exceptional client services with effective and enthusiastic marketing for our Transmission related services.
- Routing, design, and execution of high voltage overhead transmission line projects (69kV to 500kV) with expected development into acting as a technical lead for projects.
- Structure analysis and loading trees, wire sag and tension analysis, developing design criteria and specifications for 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.
- Regularly meets and corresponds with clients or outside personnel.
- Travel for project site visits and field reviews.
- Actively engages and supports business development initiatives in the transmission line market.
- Collaborates with other ESC personnel and from other practice areas based on project requirements.
- Other duties as assigned.

Qualifications

- Bachelor's degree in Civil Engineering from an accredited engineering school.
- Licensed professional engineer by examination (must have passed both the EIT/FE and PE tests) would be preferred. If not, must be preparing to take the PE exam in the short term.
- Minimum four (4) years of 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.
- Experience in the design of drilled pier foundations.
- Familiarity with design codes and standards such as NESC, IEC, CSA, IEEE, ANSI, IBC, ASCE 7, AISC, AND ACI 318.
- 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.
- Experience in developing engineering proposals and cost estimates.
- Ability to maintain and develop business with both existing and new/identified clients.
- People-oriented team player.
- Safety-conscious.
- 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.

Desired Qualifications

- Eight (8) or more years of applicable experience.
- 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 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