Transmission Line Engineer

Company

Substation Engineering Company (SECo) is a full-service engineering and design firm delivering high-quality solutions to electric utilities nationwide. Our expertise spans substation, switchyard, transmission, and distribution projects, supported by advanced laser scanning, 3D modeling, and digital engineering capabilities. We combine strong engineering fundamentals with efficient, forward-thinking processes to deliver safe, reliable, and constructible solutions for critical utility infrastructure.

At SECo, our culture revolves around collaboration, accountability, and continuous improvement, where individuals are empowered to take ownership and make an impact with our ever-evolving power utility clients.

Job Description

Main Duties

Mid-level structural engineering position focusing on the performance of both routine and complex activities and tasks related to the design of high voltage transmission lines (69kV through 765kV).

Typical duties include (but are not limited to):

- Performs complex tasks requiring the application of structural engineering techniques and procedures to prepare calculations, drawings, construction documents and engineering estimates and evaluations for construction projects, using in-depth experience and knowledge of structural design.
- Develops and maintains design standards, material and equipment specifications, construction standards and engineering practices for overhead and underground transmission lines.
- Anticipates engineering and construction needs and provides advice and recommendations to support construction.
- Lends support to the establishment of line ratings through LiDAR survey evaluation and other survey and inspection methods.
- Leads and mentors less experienced team members to manage and execute design projects and construction support.
- Reviews work of others to assure adherence to client and industry codes, standards and good utility practice.
- Monitors budget and schedule for assigned tasks.
- Works with designers, drafters and lower-level engineers to guide the development of drawings.

Desired Education, Experience and Training

- Bachelor's Degree in Civil Engineering with a focus in structural and foundation engineering, or Bachelor's Degree in Electrical Engineering.
- 5+ years of progressively responsible experience in the design of steel, wood and concrete structures and foundations.
- Professional Engineering license or the ability to obtain licensure within 12 months preferred.
- Proficient in the use of PLS-CADD, PLS-TOWER, and PLS-POLE.
- Ability to independently work through individual projects and also play a key role in broader projects.
- Accuracy and attention to detail as well as ability to meet deadlines and complete assignments.
- Strong written and verbal communication skills in English.
- Commitment to customer service and ability to work in a team-oriented environment.

Compensation & Benefits

The anticipated base salary for this position is $130,000-160,000, depending on qualifications and relevant experience. Candidates with exceptional, directly relevant expertise may be considered outside the anticipated range, subject to the scope of the role, internal equity, and compensation approval.

We offer a comprehensive benefits package, including:

- Medical/Dental/Vision Insurance
- Flexible Spending Account (FSA)
- Paid Holidays
- Generous PTO (Paid Time Off)
- Group Life Insurance/LTD/AD&D
- Voluntary Benefit Plans
- Employee Assistance Program (EAP)
- 401(k) Match
- Paid Parental Bonding Leave
- Gym Membership Reimbursement
- FE/PE Support
- Collaborative, Fun and Flexible workplace

Position Classification

- Exempt