Distribution Designer

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, enhanced by advanced laser scanning and 3D modeling capabilities. We integrate strong engineering fundamentals with efficient, forward-thinking processes to deliver safe, reliable, and constructible solutions for critical 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

- Perform site visits, data collection, detailed field inspection, topographic surveys, substation surveys, utility pole inspections, building investigations, manhole inspections, document field notes and other data required to develop design drawings.
- Coordinate and at times assist with the employees that perform records research, submit One Call System (POCS) design tickets for underground maps, National Joint Utilities Notification System (NJUNS) tickets, obtain right-of-way/easement maps, as-builts and other utility information.
- Under Project Manager's/Professional Engineer's supervision, develop conceptual plans, subsurface utility base maps, civil & 4kv, 13kv and 34kv electrical design drawings for proposed overhead and underground infrastructure, plan & profile drawings, utility pole diagrams, cable pull plans, permit drawings, construction drawings, details, specifications, as-builts/ record drawings, etc.
- Prepare notes, instructions, permit applications, bid specifications, bill of materials, material requests, clearance requests, construction work order packages and other project related documents.

Desired Education, Experience and Training

- Associate's degree in civil, electrical or related engineering program, or CAD certification/trade school program preferred.
- 2-7 years of qualified industry experience.
- Knowledge of electrical utility design for 4kv, 13kv and 34kv systems.
- Experience in cable pull plan preparation nice to have.
- Proficiency with AutoCAD and/or MicroStation platforms.
- Strong attention to detail and ability to produce accurate construction drawings following client specifications and standards.
- Ability to complete tasks in accordance with project procedures, applicable codes and/or standards and meet project deadlines.
- Basic written and verbal communication skills in English, and ability to communicate effectively with immediate supervisor and other project personnel.
- Demonstrated commitment to customer service and ability to work in a team-oriented environment.

Compensation & Benefits

The anticipated hourly rate for this position is $30-45, 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
- Employee Assistance Program (EAP)
- 401(k) Match
- Voluntary Benefit Plans
- Paid Parental Bonding Leave
- Gym Membership Reimbursement
- Collaborative, Fun and Flexible workplace

Position Classification

- Non-Exempt