

Distribution Engineer

Company

Substation Engineering Company (SECo) is a full-service Engineering and Design firm providing a full range of cost-effective services for utility high voltage transmission and substation projects. Our corporate culture is rooted in our emphasis on process and safety. We are paving the road to success by providing the necessary tools to do good work, find enjoyment within a good team, and get home safely.

SECo is strengthened by partnerships with Tier 1 Testing & Commissioning and Tier 1 Utility Design, Inc. This dynamic equates to effortless coordination and cohesiveness between our clients, vendors, engineering, construction, and the field. Our experienced team connects testing and engineering and allows problem solving and corrective actions to occur before they become adverse client challenges.

Job Description

Main Duties

Mid-level engineering position focusing on the performance of both routine and complex activities and tasks related to the design of overhead and underground distribution systems.

Typical duties include (but are not limited to):

- Participates in the planning, design, and execution of overhead and underground distribution systems for electric networks, ensuring compliance with industry standards and best practices.
- Performs site visits, data collection, detailed field inspection, topographic surveys, utility pole inspections, building investigations, manhole inspections, document field notes and other data required to develop design drawings.
- Performs records research, submits One Call System (POCS) design tickets for underground maps and National Joint Utilities Notification System (NJUNS) tickets, and obtains right-of-way/easement maps, as-builts and other utility information.
- Under Project Manager's/Professional Engineer's supervision, develops conceptual plans, subsurface utility base maps, civil & 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.
- Coordinates with multidisciplinary teams, including civil, structural, and environmental engineers.
- Prepares notes, instructions, permit applications, bid specifications, bill of materials, material requests, clearance requests, construction work order packages and other project related documents.
- Prepares designs for Licensed Professional Engineers to endorse (sign and/or seal) prior to client submissions.

- Assists other senior level professionals with development of proposals, project coordination, meeting minutes, preparing Task Orders for subcontractors, technical and commercial write-ups, etc.

Desired Education, Experience and Training

- Associate's or Bachelor's Degree in civil, electrical or related engineering program.
- 4+ years of qualified industry experience (Transmission & Distribution experience preferred).
- Knowledgeable in AutoCAD, PLS-CADD and/or MicroStation platforms.
- Ability to complete tasks in accordance with project procedures, applicable codes and/or standards and meet project deadlines.
- Strong written and verbal communication skills in English.
- Effective communication with immediate supervisor and other project personnel.
- Accuracy and attention to detail as well as ability to meet deadlines and complete assignments.
- Commitment to customer service and ability to work in a team-oriented environment.

Full Benefit package

- Medical/Dental/Vision
- Paid Holidays
- PTO (Paid Time Off)
- Group Life Insurance/LTD/AD&D
- 401K
- Voluntary Benefit Plans
- Paid Parental Leave

Position Classification/Compensation

- Exempt
- Competitive pay structure