



SENIOR ELECTRICAL/UTILITY ENGINEER

Summary/Objective:

EDM is seeking a **Senior Electrical Engineer** to lead our team as well as develop and expand business opportunities in either our San Diego, CA, Fort Collins, CO, or Littleton, CO office. The position will include leadership roles in utility electrical engineering and design, business development, and strategic growth of both staff and new business opportunities. If you like challenging assignments, are self-motivated, and want to grow your career, consider joining the EDM Team.

Essential Duties and Responsibilities:

- **Engineering and Design Analysis:**
 - Demonstrate prior experience in one or more of the following broad electric utility practice areas listed below. Preference will be given in the order listed, with the highest-priority areas appearing first and the lowest-priority areas last.
 - Relay and System Protection Coordination
 - Short Circuit/Arc Flash Analysis (with equipment evaluation)
 - Interconnections for Large Loads, EV, DER, or BESS (distribution primarily)
 - Transmission Line Design
 - Substation Design
 - Planning/Load Flow Studies (including reactive studies)
 - Lead, support, and serve as a technical consultant for electrical engineering design and analysis for utility-scale transmission, substation, distribution, and low voltage systems.
 - Analyze study results, develop alternatives to identified problems, and perform calculations and evaluations to meet project requirements.
 - Develop standard techniques, procedures, and criteria for engineering designs.
 - Prepare/oversee technical written reports explaining the purpose, methodology, data requirements, calculations, results, and recommendations of engineering packages or reports.
 - Provide design-level support to utility-scale engineering teams as a technical resource.
- **Technical Mentorship and Development:**
 - Provide mentorship and training to junior and new engineering personnel.
 - Support the development and growth of standard company processes and technical resources.
- **Project Management and Coordination:**
 - Effectively manage multiple multidisciplinary projects simultaneously, ensuring scope, schedule, and budget, and deliverable targets are met while minimizing risk.
 - Delegate sub-tasks to technical staff, review their work, and present findings to clients.



- Interface with clients, vendors, and project teams from other engineering disciplines (mechanical, structural, civil, and instrumentation and control).
- Update clients on project progress, schedule changes, and other relevant updates.
- Travel to client and vendor offices for design reviews and plant site locations for field verification and project implementation.
- **Client Development and Business Support:**
 - Assist in developing new client relationships through effective communication and quality project delivery.
 - Update clients on work progress and schedule changes to ensure satisfaction and transparency.
 - Assist in proposal generation and review, contract negotiations, and business development efforts.
- **Additional Responsibilities:**
 - Ability to work independently and collaboratively while maintaining initiative and self-motivation.
 - Demonstrated critical thinking skills and methodical, analytical problem-solving abilities.
 - Willingness to take on engineering projects outside of expertise/discipline when needed.

Qualifications/Experience:

- **Education and Licensing:**
 - A Bachelor of Science in Electrical Engineering from an accredited ABET university/college is required.
 - A Professional Engineer (PE) license (Electrical), in any state, is required.
 - NCEES Records Program participation is preferred.
- **Experience and Leadership:**
 - A minimum of 6 years of electric utility experience, specifically in transmission, distribution, or substation design and engineering, is required, with experience in at least one of the areas listed in the "Engineering and Design Analysis" section above.
 - Prior experience leading or mentoring a team of engineers, designers or technical staff is strongly preferred.
 - Familiarity with generally accepted industry equipment, construction practices, and installation techniques, and maintenance practices for overhead transmission and distribution lines, as well as underground distribution, is strongly preferred.
 - Prior experience making final engineering design decisions is preferred.
- **Technical Proficiency:**
 - Demonstrable knowledge of utility and power system electrical engineering fundamentals, including transmission, distribution, and substations, is required.
 - Proficiency in Microsoft Office Suite, including but not limited to Excel, Word, Teams, and PowerPoint, is required.
 - Experience with electrical engineering modeling software such as ASPEN OneLiner, AutoCAD, CAPE, CYME, ETAP, GIS tools, MicroStation, Milsoft, Synergi Electric, or similar tools, is strongly preferred.
 - Experience using engineering judgment to identify, investigate, and resolve operational issues such as equipment failures, protection scheme mis-operations, reliability improvements, or other power quality concerns through data and evidence analysis is preferred.

- **Business and Project Management:**
 - Prior experience managing schedules, budgets, and quality for assigned multi-disciplinary projects is preferred.
 - Prior experience in business development, proposal generation, bid reviews, and contract negotiations, or a willingness to learn and support in the future, is desired.
- **Additional Requirements:**
 - Candidates must be legally authorized to work permanently in the U.S. without the need for work sponsorship.

Competencies:

- Results Driven
- Technical Orientation
- Communication
- Team Building
- Coaching, Developing, and Mentoring
- Problem Analysis and Critical Thinking
- Strategic Planning
- Customer Focus

Special Requirements:

Pre-employment checks will require satisfactory results of the following screens:

- Background Check
- Motor Vehicle Driving Record
- Drug Test (including controlled substances)
- Education and Employment Confirmation
- Reference Checks

Supervisory Responsibility: Yes

Work Environment and Physical Demands:

- This position operates in a professional office environment and routinely uses standard office equipment such as computers, phones, photocopiers, filing cabinets, and fax machines. The noise level in the work environment is usually quiet.
- This position requires the employee to regularly sit, talk, and listen. The employee is occasionally required to stand and walk. The employee must occasionally lift and move up to 25 pounds.
- This position requires travel and onsite visits. Travel is expected to be less than 10%.
- This position may involve work in an outdoor field environment including vehicle and foot patrol of utility power lines as well as work in remote, urban, and city locations. Physical demands and travel from site to site include walking or hiking on various surfaces including flat, dry, wet, slippery, uneven, rough, steep terrain, hills and slopes. The role may also involve exposure to noise, dust, grease as well as various weather, temperature, and traffic conditions.
- This position requires wearing Personal Protective Equipment (PPE) when working outdoors or as required by the company and/or client.

Position Type and Expected Hours of Work:

This is a full-time, exempt/salaried position. The role is expected to be in-office five days a week; however, alternative work schedules and locations may be considered for the right candidate.

Other Duties:

The above job description is not intended to be an all-inclusive list of responsibilities and performance standards of the position. Incumbents will perform other job-related duties as assigned.

Salary Range: \$85K – 130K plus discretionary bonus.

Benefits Include:

- Health Insurance (Vision, Dental, and Life Insurance)
- STD / LTD
- 401(k) Company Matching
- Paid Leave (Holiday, Vacation, Sick, etc.)
- Wellness Program
- Opportunities for advancement
- Tuition Reimbursement
- Relocation benefit packages are considered for ideal candidates

About EDM:

As an employee-owned corporation, we are a fun, smart, and talented group of people who genuinely enjoy our work and take pride in making a difference! Whether it's engineering, asset management, geospatial, wildfire mitigation, or environmental solutions, we support our utility clients in positive and innovative ways, to contribute to society and sustainably manage and protect the natural environment.

EEO Statement:

EDM is an Equal Opportunity Employer.

To Apply:

Please send a cover letter and a resume to jobs@edmlink.com