

Electrical Engineer – Rapid City, SD

Skyline Engineering is a full service MEP consulting firm located in the Black Hills of Western South Dakota. We are a dynamic and growing company of innovative thinkers with a solid reputation of providing quality engineering services to our clients. This position is a career opportunity for a talented Electrical Engineer with a minimum of 3 years experience in facility lighting, power and special systems design. The ideal candidate would be a professional engineer and with a strong commitment to personal and professional development.

The successful candidate must demonstrate an in depth understanding, broad knowledge base and extensive work experience in lighting, power and special systems for commercial, healthcare, educational and federal facilities. Responsibilities include ability to lead a multidisciplinary design team from project inception through all phases of design and construction. Marketing skills and prior project management experience preferred. This position has no direct supervisory responsibilities.

Skyline offers a competitive salary and comprehensive benefits package as well as a challenging, stimulating and supportive work environment with opportunity for professional development and growth.

Key Responsibilities

- Project management including preparation and interpretation of project scope, and contract administration.
- Lead multidisciplinary design team from project inception through all phases of design and construction.
- Plan, schedule and execute advanced engineering tasks in a timely and efficient manner.
- Supervise, review and approve electrical engineering calculations and design work.
- Provide engineering guidance, calculations, analysis, studies, and recommendations for the electrical discipline of an engineering project.
- Selection, calculation, design and specification of
 - Interior and exterior lighting systems
 - Medium to low voltage power systems
 - Special systems, including fire alarm, telecommunications and data, sound, and security systems.
- Ensure quality and completeness of project meet design scope and intent.
- Timely and accurate execution of load calculations, equipment selection and scheduling, cost estimating, and other project requirements.
- Construction administration, including shop drawing review, processing construction documentation (RFI, RFP, CO), site observation and reporting, and leading project meetings.
- Prepare and present economic analysis and other system studies to clients and company management.

Qualifications

- United States citizen.
- Bachelors Degree in Electrical Engineering.
- PE registration preferred with minimum 3 years experience in applicable facility design or EIT with minimum 5 years experience with capability and intention of PE licensure within 12 months.
- Demonstrated knowledge of design and construction work sequencing for commercial building projects.
- Strong working knowledge of model building codes, National Electric Code, regulations and other requirements relevant to electrical systems selection, specification and design.
- Familiarity with electrical analysis and design programs such as Visual Pro, ETAP/SKM Power Tools and similar software tools.
- Superior communication, presentation and documentation skills (oral and written).
- Project investigation and construction administration require moderate lifting and ability to negotiate obstacles on construction jobsites.
- Highly organized with an ability to meet project schedules and deadlines.
- Healthcare design and project management experience preferred.
- AutoCAD and Revit skills beneficial.

Send resume, salary history and references to skyline@skylineltd.com or fax to (605)737-3859.