Electrical Engineer/ Project Manager

Job Description:
Professional, Efficient, Responsive- Founded in 1974, Custom Engineering, Inc. offers mechanical, electrical and plumbing design services on a regional and national basis. Headquartered in Independence, MO, Custom Engineering is licensed in 43 states with branch offices in St. Louis, MO and Wichita, KS.
As a small business, Custom Engineering is able to offer the quality and efficiency expected from our clients. Custom Engineering designs systems for various facilities including retail, restaurant, healthcare, educational, corporate, governmental, hospitality, religious and industrial. We are currently seeking a registered Electrical or Architectural Engineer in our St. Louis area branch office. Great opportunity and challenge to use your design skills for electrical systems including: power distribution systems, voice/data, generators, UPS, security systems, CCTV, fire alarm, medium voltage, roadway and interior lighting design. You will work on various and multiple facility types including office, retail, entertainment, aviation, hospitality, education, water/wastewater, etc. We are currently seeking a registered Mechanical or Architectural Engineer in our Kansas City, St. Louis, and Wichita area branch offices.

Skills:
Proficient in Autocad Minimal of seven (7) years of building design experience B.S. Electrical Engineering (and ABET -accredited engineering program). Good communications skills, both written and oral Demonstrate electrical drafting skills using AutoCAD (2014 or newer). Experience in liaison with other professionals, clients, and contractors. The ability to work toward deadlines and manage time effectively.
Responsibilities Include: Designing power distribution systems for commercial and industrial facilities (up to 480v/4000a services typically). Designing critical power systems (UPS/DC/Generator), innovative lighting & controls, telecommunications systems, fire alarm systems, lightning protection & grounding systems, and motor control systems. Performing engineering feasibility studies, and all NEC, NFPA and other related code research. Performing all electrical calculations to include; short circuit and ground fault calculations, breaker coordination studies, etc. Use of AutoCAD and Revit software, (2014 or newer). Effectively manage own time across multiple projects to meet deadlines. Defining design requirements based on the statement of work. Performing site surveys to verify existing conditions and requirements. Performing engineering cost estimates. Ensuring materials meet specifications and the clients budget.

Qualification:
BS Electrical Engineering or BS Architectural Engineering.
Custom Engineering is proud to be an Equal Opportunity Employer M/F/V/D.

Contact: Joe Davis for confidential inquiry
816-350-1473, jtdavis@customengr.com