



Electrical Engineer

Facilities Engineering Associates, Inc. (www.feace.com) is a professional engineering consulting firm located in Farmington, CT, specializing in MEP engineering design and commissioning of mission critical facilities. Our staff provides consulting services throughout the project lifecycle, helping to plan, design, build and operate technically superior facilities.

We currently have an opportunity for an experienced Electrical Engineer located in Farmington, CT. As a Project or Senior engineer, you will be responsible for most aspects of the design, construction administration, and commissioning phases. The successful applicant will be expected to take a concept or schematic design and independently identify specific work products required for the final design phase, including drawings, details, and specifications. The successful applicant must be capable of producing coordinated, code compliant designs that utilize firm and industry best practices for high availability and maintainability. Candidates must have an aptitude to determine, comprehend, process and recommend multiple technical details and alternatives. The position will require extensive interaction with the client, sub-consultants and other project team members including architects and engineers. Excellent written and oral communication skills are a must. Applicants must have experience with and demonstrate an aptitude for developing contract drawings and specifications with limited supervision.

Qualifications:

- Registered Professional Engineer in Electrical Engineering is required for the Senior Engineer position. A PE licensed is not required for a Project Engineer.
- 10 years experience in electrical power distribution design and consulting engineering.
- Experience designing data centers and similar mission critical facilities is preferred.
- Experience designing industrial power distribution systems is required (UL1558 switchgear, motor control centers, etc.)
- Experience in performing short circuit and coordination studies and arc flash hazard analysis a plus. Proficiency in SKM modeling software a plus.
- Experience in the following is highly desired:
 - Multi-module UPS systems, 1,000kVA and larger
 - Standby paralleling generator plants (15kV and 480V)
 - Medium voltage (15kV to 38kV) power distribution
 - Protective relaying (GE URs, SEL, multifunction relays)
 - Instrumentation wiring
 - Control wiring design and troubleshooting
 - Fire alarm systems
 - NEC, IBC, NFPA

Responsibilities:

- Project management through design and construction phases; including detailed design, construction administration, Level 1 through Level 5 commissioning and punch list.
- Develop contract documents including drawings and specifications.
- Complete all project related responsibilities with limited supervision

Qualified candidates shall email resumes to admin@feace.com

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