



Position Description

Consulting Engineering Services, Inc is seeking a dynamic and creative Electrical Engineer to assist us with our continued growth and success. Our ideal staff member has experience in the design of large scale projects, particularly educational facilities, hospitals, commercial buildings and complexes and multi unit residential structures, coupled with new and retrofit construction experience.

Responsibilities Include

- Perform duties of Senior Designer, when required.
- Assist in the coordination of assigned electrical, functional and administrative matters related to project plans, sketches, specifications, power systems, lighting, life safety design and product specifications.
- Estimates, studies and reviews special provisions within a project.
- Utilize professional engineering skills and knowledge to troubleshoot a variety of field issues, through research; meeting with key process members, designers and area experts.
- Communicate progress and report to the Project Manager and Team Leader as necessary.
- Handle assigned projects from inception to completion that may include continuous interface with clients, the design team, architects and owners.
- Assists in the evaluation of building electrical system and energy performance via on site field measurements and energy analysis methods; electrical load calculations, life safety equipment analysis, equipment selection, security and communication systems, lighting calculations and fixture selection, writing specifications and cost estimating.
- Utilize latest software to develop system designs
- Responsible for day to day coordination of designs with internal team members and external contacts
- Consistently update engineering knowledge of latest codes, systems and equipment

Requirements

- Electrical Engineer with 2 or more years of experience
- BSEE or equivalent degree or an equivalent combination of education and experience
- Minimum of 2 years working with electrical and electric management systems
- Proven design experience in the areas of electrical operation, energy use, building electrical systems and automation systems
- Current AutoCAD experience

Qualifications

- Critical thinking and electrical systems aptitude, with proactive thinking processes
- Strong multi tasking skills are essential
- Strong written and verbal communication skills
- Knowledge of NEC and ASHRAE 90.1 codes
- Must possess clear appreciation for deadlines; excellent time management skills are necessary
- Must be able to be fully confidential
- Possess some knowledge of LEED, accreditation preferred but not necessary
- Knowledge of Electrical systems
- Able to travel and visit work sites as necessary to the job