

Consulting Engineer - Electrical

Designs electrical systems and creates construction documents for new construction and renovation projects. Develops and maintains relationships with clients. Performs field work for electrical system as-built. Works with the design team to develop electrical system concepts for building projects. Maintains documentation and records for design projects. Performs feasibility studies and opinions of probable cost for electrical renovation work and system upgrades. Researches building codes as necessary. Assists in writing technical specifications and scope of work documents. Performs construction administration, including field observations, writing reports and working with contractors to creatively solve problems.

Specific skills required:

Degree in electrical engineering

Able to build and maintain relationships with others on the design team, both in-house and externally

Desire to learn and grow as a professional, working within a truly collaborative team environment

Ability to coordinate and communicate effectively with architects, clients, and other engineering disciplines

5 – 8 years of electrical design experience in lighting, power, and signal design

Fluency in AutoCAD software

Ability to prioritize and organize multiple projects and assignments

Experience with typical Microsoft Office software products

Ability to obtain a favorable background check in order to work on government facilities

Additional skills desired:

Voice/Data, CATV, nurse call, security systems, access control systems, and intercom design experience

Experience with Revit software

Registered Engineer in Training or Professional Engineer

LEED Green Associate or LEED AP BD+C

RCDD

Cost estimating

Industrial project experience