



Open Positions

POSITION TITLE: Electrical Engineer

POSITION DUTIES:

Responsible for the development of electrical system construction documents, both drawings and specifications, for various projects from schematic design through construction administration. In addition will be responsible for all aspects of the project and will work with and coordinate with other engineers working on the project. Studies and investigations, field investigations and client interface. Documenting and drafting tasks as needed to produce contract documents. Interface and coordinate with clients and assist in business development efforts as needed. Maintain up to date working and technical knowledge of all procedural and improvement changes to computer hardware and software applications.

Also responsible for analyzing all aspects involved in the building project, with respect to the design of the project's electrical systems, utilizing his professional and specialized knowledge in engineering, particularly in the areas of power systems, electrical and electronic circuits, engineering mechanics and electrical distribution systems, among others, to ensure that the designed structure/project are in line with clients' requirements, within budget and project timelines and in compliance with regulatory code.

Perform the following responsibilities which may include, but are not limited to:

- Coordinating with clients to obtain required information and approval.
- Review existing conditions survey and documentation including photographs, measurements, compiling existing drawings, and preparing base drawings
- Ensuring code compliance of applicable codes, fire protection, identifying lighting and equipment power loads on projects
- Documenting electrical calculations for sizing equipment, conductors and conduit
- Performing product research and documenting function and code compliance
- Performing design development and assisting in detailing the building, including joints and penetrations for electrical equipment, conduit, cable and conductors
- Preparing technical specifications – writing concise basis of design specifications for drawings, for project manual, selecting and editing sections for divisions 26, 27 and 28, write sections in CSI format for products when required.
- Permitting-Responding to plan review comments concerning electrical design

EDUCATION: Master's Degree in Electrical Engineer or Related

EXPERIENCE: Must have at least 24months experience

****PE License****

LOCATION OF EMPLOYMENT: 750 Old Main Street, Suite 202, Rocky Hill, CT 06067

Please apply by emailing resume and cover letter to: dmilardo@rzdesignassociates.com