

Senior Electrical Power System Design Engineer

Responsibilities

The candidate's experience should include a broad range of completed design projects related specifically to Utility Companies (preferably Con Edison) in the field of electrical engineering.

Project experience submitted for consideration should include only that where the candidate has actively participated in from the design phase through the final construction close-out.

The candidate will be expected to lead the electrical design and will also be called upon to lead larger multi-discipline teams as the project manager, interfacing directly with the client.

As a project manager, the candidate will regularly meet with clients, organize in-house resources, develop project proposals and budgets, mentor junior staff, prepare technical reports/specifications, and contribute to the overall business development of the company.

Project experience should include at least one or more of the following:

1. Design of 15kV overhead and underground distribution of primary and secondary systems.
2. Replacement of 69, 138 and 345kV Breakers. Engineering design packages to perform the replacement of High Voltage Breakers at various Substations. Prepare removal and installation set of drawings.
3. Design for replacement of 125V and 48V DC systems at various Generating and Substations. Design for replacement of older equipment at various substations and generating stations.
4. Temporary DC system design to allow Utility Company to replace the existing load boards, rectifiers and batteries, without any interruption to the critical station loads that require a DC supply.

The positions require excellent verbal and written communication skills, with an emphasis on the ability to organize and present design information to our clients.

Requirements

- Bachelor's degree in Electrical Engineering
- Minimum 10-years experience designing electrical power systems
- Minimum 3-years of project management experience leading electrical and/or other discipline project teams
- NY State P.E. License
- CADD Required
- Microstation/BIM a plus