

Our Fort Worth, Texas, Energy & Power Solutions Group is looking to add a Sr Electrical Engineer to their group. The Sr. Electrical Engineer to serve in a lead role for Jacobs' Energy & Power Solutions Group whose responsibilities will include applying intensive and diversified knowledge of electrical engineering principles and practices in the power production, transmission, and distribution fields. Uses advanced techniques, theory precepts and practices in the electrical engineering field and related sciences and disciplines, including a complete understanding of symmetrical component analyses and protective relay theory and application.

As this is a lead position, it includes technical direction over a group of electrical engineers and designers on a project basis and/or functions as a technical specialist, formulating and developing advanced electrical engineering concepts. Over time, the successful candidate may move into a lead discipline role overseeing and guiding the efforts of the electrical team within the Energy & Power Solutions Group.

### **Principal Duties and Responsibilities**

- As a Sr. Electrical Engineer, serves as a technical specialist, staff advisor, mentor and consultant to the electrical engineering specialty, for Energy & Power related projects and equipment.
- As a Sr. Electrical Engineer, carries out complex or novel assignments requiring the development of new or improved electrical engineering techniques or procedures by applying advanced theory of electrical system behavior.
- Markets the firm's capabilities, within the electrical engineering specialty, to establish new clients and enhance relationships with existing clients, and participates in the development of proposals for potential projects.
- Participates in the selection of design teams, and subconsultants, and in the negotiations of fees and subcontractors.
- Conducts constructability reviews or assists in the design/planning/review of other electrical engineering projects.
- Assist Department/Project Managers in the preparation of the budget and project implementation.
- Holds membership in professional associations and participates on company committees.

### **Training and Experience**

- Bachelor's Degree in Electrical Engineering
- Minimum of 10 years of experience design and analysis of complex electrical systems; medium voltage distribution and substation design experience a plus
- Minimum 5 years experience with power and energy projects
- Ability to accomplish technical assignments of varying complexity
- Registration as a Professional Engineer is required, or ability to obtain within 1 year

Email [recruiters@jacobs.com](mailto:recruiters@jacobs.com) with the subject line Fort Worth Sr EE