

# BROWN AND CALDWELL

**BECOME PART OF AN ENVIRONMENTAL ENGINEERING & CONSULTING FIRM WHERE YOU CAN DELIVER YOUR FINEST WORK.**

## **ELECTRICAL DESIGNER/ENGINEER**

**Brown and Caldwell, a nationally recognized environmental engineering and consulting firm with a solid brand that is recognized for quality, innovation, and a commitment to client service and satisfaction. We are a practice-driven firm that emphasizes teamwork and actively promotes and delivers our nationwide network of experts and resources to satisfy clients in the public, private, and government industries. Privately held for nearly 60 years, we have enjoyed over 10 years of consecutive growth in our industry across the country. This is an exciting opportunity for an Electrical Designer to join our Seattle office. If you are a self-directed person who values challenging work and a creative learning environment we are looking to hire immediately!**

**This person would work directly with engineers from the Electrical Department on power system designs.**

### **Position responsibilities include:**

- Use AutoCAD to design a variety of power systems on projects for municipal and private industrial clients.
- Prepare layouts and perform final drafting tasks from simple instructions.
- Demonstrate skills with thorough knowledge of procedures, practices, and use of the AutoCAD software as well as of the National Electrical Code.
- Help lead Electrical Design efforts for municipal projects related to water and wastewater treatment plants, pump stations, and generators. Tasks include design and drafting, coordinate workload with engineering staff, and interacting with the client, subcontractors, and teaming partners.
- Research electrical equipment standards and specifications, design equipment layout with coordination with process mechanical, produce circuit and panel schedules, conduct engine generator sizing using vendor software
- Perform contractor construction submittal reviews and request for information documents, perform electrical calculations including short

circuit, voltage drop, equipment sizing, research and design to the current National Electrical Code.

**Qualifications:**

- At least 5 years of experience using AutoCAD (up to most recent 2008 release) for electrical construction required. Municipal or industrial electrical design.
- If candidate is an engineer they should either have an EIT or PE or be willing to obtain an EIT in the short term with eventually obtaining PE licensure in the state of Washington.
- Good technical skills with the ability to articulate ideas and concepts both visually and contextually are a requirement for this position.
- Must be authorized to work in the U.S.
- Effective oral and written communication.
- Ability to work with engineering staff to complete work assignments.
- Demonstrated ability to use standard computer programs such as Microsoft Word, Excel, and Outlook.

**We offer a competitive salary, benefits & 401(k). More details at [www.brownandcaldwell.com](http://www.brownandcaldwell.com). Please reference position you are applying for in cover letter and e-mail to [makiyama@brwncald.com](mailto:makiyama@brwncald.com). We value workforce diversity! EOE/AA.**