

Electrical Engineer

Founded in 1975, BR+A Consulting Engineers maintains a total staff of over 400 employees located at our main office in Boston and branch offices in New York City, NY; Philadelphia, PA; Washington, DC; Miami, FL; Chicago, IL; St. Louis, MO; Tampa, FL, Charlotte, NC and Charleston, SC. BR+A provides state-of-the-art integrated and coordinated mechanical, electrical, plumbing and fire protection consulting engineering, technology systems design, lighting design, and building commissioning services.

BR+A is seeking applicants for an Electrical Engineer position in our Charlotte, NC office. The potential candidate should have the following skills:

- Experience in designing Healthcare, Commercial, Higher Education, or Laboratory projects;
- Proficient in AutoCAD MEP and Revit;
- Prepare one-line diagrams with limited input from Engineers;
- Respond to RFI's for the project and accurately review submittals with limited input;
- Solve installation problems with electrical systems, travel to the site to resolve issues;
- Prepare floor plans showing electrical device layouts, circuitry, fixtures, equipment, etc.;
- Review calculations for electrical loads and panel schedules;
- Have a thorough knowledge of NEC and other codes;
- Understand and apply concepts of voltage drop, conductor sizing, harmonics, etc.;
- Edit electrical specifications;
- Layout fire alarm devices on floor plans;
- Select and schedule equipment with limited oversight by senior staff;
- Meet with vendors to determine specification requirements for application;
- Coordinate with other disciplines;
- Apply the risk management procedures daily to minimize our and client's exposure to problems;
- Understand the work planning and manage the design process to the available hours in the work plan;
- Meet with contractors during the bid phase to review the design;
- Oversee deliverables to and from clients;
- Oversee and encourage coordination between disciplines;
- Proactive and collaborative team member.

Position requirements:

- 10 years of experience;
- Bachelor's degree in Electrical Engineering;
- Excellent organizational and communication skills;
- EIT (Engineer in Training) or Professional Engineering license preferred.

We offer excellent compensation and a competitive benefits package, including Medical/Dental coverage and 401K, to all of our full-time employees.

BR+A is an Equal Opportunity Employer. All qualified individuals are encouraged to apply, regardless of race, gender, religion, age, national origin, disability, veteran status or sexual orientation. The candidate must pass a drug test.

Qualified candidates should forward their resume and cover letter.