

Electrical Engineer

Job Posting

Description

AEI is a 23-person, woman-owned engineering firm located in downtown Boston. We are currently looking for a mid-to-senior level electrical engineer to join our team of MEP/FP professionals. The position reports to our chief electrical engineer and we are looking for a technical professional interested in playing an integral role assisting the chief engineer with departmental operations along with engineering, as well as project management duties. Experience with public and private projects in the federal, state, municipal, academic, higher education, academic laboratory, healthcare, R&D, and government industries encouraged.

Daily Duties/Tasks

- Perform multiple roles ranging from engineering design, construction document production, project management, and departmental operations.
- Take responsibility for all phases of electrical design from project conception, site visits, construction documents and construction administration.
- Produce concept and feasibility studies.
- Coordinate and interacts with prime consultants, end users, contractors, utilities, and vendors.
- Coordinate technical details with all building disciplines.
- Manage selected electrical and interdisciplinary projects.
- Write engineering proposals
- Follow state-of-the art industry practices, disseminate and inform department.
- Produce calculations (utilizing appropriate software)
- Participate in applicable client- and peer-based professional organizations

Contact

Please send resume and references to Nick Ferzacca, PE, LEED AP
nferzacca@arcengrs.com

Requirements

- 7-15 years of experience in the design of electrical building systems
- Professional engineer license in electrical engineering strongly preferred
- Ability to lead a department of 4-5 individuals under direction of chief electrical engineer
- Experience interacting with clients and leading client meetings
- Project management experience
- Knowledge of engineering software power system analysis and lighting
- Working knowledge of AutoCAD, Revit and Navisworks

Expectations

- Solid understanding of building codes.
- Excellent writing and communication skills.
- Attention to detail
- Ability to exercise judgment and discretion, while setting priorities and managing competing demands.
- Positive attitude and genuine interest in building industry
- Ability to integrate quickly at a mid-management level
- Excellent team management
- Team player