

SENIOR ELECTRICAL ENGINEER at CMTA

FULL-TIME | ON-SITE IN ANNAPOLIS, MARYLAND | +10 YEARS OF EXPERIENCE IN MECHANICAL ENGINEERING

Job Summary

As a Senior Electrical Engineer at CMTA, you will lead the design and implementation of electrical systems for high-performance, energy-efficient buildings. This role requires a deep technical expertise in electrical engineering within a MEP consulting framework, combined with strong project management skills. You will work closely with a dynamic team, contributing to projects from initial concept through to completion, ensuring both innovation and functionality in all electrical designs.

Primary Functions

- Design electrical systems including power distribution, lighting, lighting controls, emergency power, and UPS.
 - Lead a team of engineers in the planning and detailed design of various projects.
 - Read and interpret blueprints, technical drawings, and schematics.
 - Attend client meetings and provide expert consultations to ensure design specifications and conformity with building codes.
 - Manage project documentation, review contractor submissions, and ensure designs meet contract specifications.
 - Research and analyze design proposals to assess project feasibility and cost.
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Education/Experience

- **Bachelor's Degree:** In Electrical Engineering or a related field from an accredited institution.
 - **Minimum 10 Years of Electrical Engineering:** Demonstrated experience in MEP consulting engineering, focusing on electrical systems for various building types.
 - **Project Management:** Extensive experience managing large-scale electrical engineering projects from conception through completion.
 - **Certifications:**
 - **PE License:** Active professional engineering license, signifying recognized competence in the field of electrical engineering.
 - **Additional Certifications (preferred, not required):** LEED Accredited Professional/ Certified Energy Manager (CEM)
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Compensation

CMTA offers a **competitive compensation package** for the Senior Electrical Engineer position, including a competitive base salary, a comprehensive benefits package that covers multiple health, financial, and personal benefits.

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Benefits

- **Health and Welfare:**
 - Medical, Dental, Vision, Prescription drug coverage, Employee assistance program
 - **Personal Benefits:**
 - Paid vacation, Company-paid holidays, Sick leave, Bereavement leave, Jury duty
 - **Financial Benefits:**
 - 401(k) retirement savings plan, Company-paid long-term disability insurance, Accidental Death & Dismemberment (AD&D) insurance, Life insurance
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Required Skills

- **AutoCAD and Revit:** Advanced proficiency in electrical design and documentation.
 - **Electrical Systems Design:** Skilled in the design and analysis of power distribution, lighting, emergency power, and UPS systems.
 - **Building Codes:** Comprehensive knowledge of applicable codes and compliance requirements.
 - **Leadership and Mentorship:** Proven ability to lead and mentor a team, providing technical guidance and oversight.
 - **Problem Solving:** Strong analytical skills with the ability to anticipate issues and implement effective solutions.
 - **Renewable Energy Systems:** Experience with designing and integrating renewable energy solutions is highly desirable.
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Location

- Onsite, Full-Time
 - Annapolis, MD
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