

ELECTRICAL DESIGNER

JOB DESCRIPTION

Linwood Engineering is a growing full-service MEP firm in Southern California. We are searching for enthusiastic people who bring innovative engineering experience and thrive in collaborative environments. If you are currently limited in your role, want to increase your responsibilities, and have an active voice on a diverse team of passionate people, we encourage you to apply.

JOB DUTIES

- Plan, design and specify electrical power and control systems for buildings and facilities.
- Perform calculations of lighting systems and associated controls for assigned projects.
- Provide design, including all electrical calculations, equipment sizing, system layout, and performance specifications for lighting, lighting controls, power, and low voltage systems.
- Support project requirements including basis-of design narratives, cost estimates, drawing documentation, systems design, and technical specifications.
- Research, prepare, then present coordinated design options.
- Review drawings and research code issues to comply with city, state, and county regulations.
- Ensure outputs meet the required standards and meet agreed deadlines.
- Review and train subordinate staff.

JOB QUALIFICATIONS

- 3-5 years consulting experience – Experience should be in a variety of projects, such as but not limited to, commercial, mixed developments, retail, hospitality, healthcare, government, and education projects.
- Degree in a related field such as mechanical, electrical, or similar.
- Strong engineering background and understanding of Electrical system applications in buildings and facilities.
- Ability to perform complex electrical building design.
- Experience with Project Management. Ability to understand Client's desired outcome as it relates to budget and timing and drive designs communicating those deliverables within the team.
- Strong interpersonal skills and experience maintaining successful client relationships.
- Excellent planning and organization skills with ability to lead multiple-discipline project teams.
- Engineer-in-Training (EIT) a plus

PREREQUISITES:

- Proficiency in both Revit and AutoCAD
- Software to perform complex calculations (such as EnergyPro, Visual, AGi).
- Office software proficiency (such as Bluebeam and MS Office).
- Proficiency with NEC and California Building and Electrical Codes and Standards.
- Proficiency with Title 24 energy compliance.