

Job Title: Electrical Professional Engineer

Company: Abacus Engineering

Location: Waco, TX

About Abacus Engineering:

Abacus Engineering is a renowned Full Service Engineering firm with a 30-year history of excellence in serving the Waco community. With a commitment to delivering high-quality work and fostering long-lasting relationships, Abacus Engineering is poised for continued success under new ownership. We are dedicated to upholding our reputation as a trusted partner in Waco's development and are seeking talented individuals to join our team.

Position Overview:

Abacus Engineering is seeking an experienced Electrical Professional Engineer (PE) with a strong background in designing building electrical systems. As an Electrical PE, you will play a key role in designing and implementing electrical solutions for a variety of projects, contributing to the growth and success of our firm.

Responsibilities:

- Lead the design and development of electrical systems for building projects, including power distribution, lighting, fire alarm, and low-voltage systems.
- Conduct electrical load calculations, voltage drop analysis, and short circuit analysis to ensure system reliability and compliance with regulatory standards.
- Prepare detailed electrical drawings, specifications, and construction documents using AutoCAD or Revit.
- Collaborate closely with architects, mechanical engineers, and other stakeholders to integrate electrical systems seamlessly into building designs.
- Perform site visits and inspections to assess existing electrical infrastructure, identify issues, and propose solutions.
- Provide technical guidance and mentorship to junior engineers and support staff.
- Stay current with industry trends, codes, and best practices in electrical engineering.

Qualifications:

- Bachelor's degree in Electrical Engineering or related field. Master's degree preferred.
- Licensed Professional Engineer (PE) in the state of Texas.
- Minimum of 5 years of experience in electrical engineering with a focus on building systems design.
- Proficiency in electrical design software such as SKM PowerTools, ETAP, or similar.
- Strong knowledge of relevant codes and standards (NEC, NFPA, IBC, etc.).

- Excellent communication and interpersonal skills, with the ability to effectively collaborate with multidisciplinary teams and communicate technical concepts to non-technical stakeholders.
- Proven track record of delivering high-quality work on schedule and within budget constraints.

Why Join Abacus Engineering:

- Opportunity to work with a reputable firm with a longstanding presence in the Waco community.
- Engaging and challenging projects that offer professional growth and development opportunities.
- Supportive and collaborative work environment where your contributions are valued and recognized.
- Competitive salary and benefits package commensurate with experience and qualifications.
- Opportunity to make a positive impact on the built environment of Waco and contribute to the continued success of our firm.

To Apply:

Please submit your resume, cover letter, and portfolio (if applicable) to office@abacusengineers.com