Fire Protection Engineer

FireLogix Engineering, Ltd
Lebanon, Ohio, United States (On-Site)
3 days ago

**Description**

FireLogix Engineering, Ltd is a growing, specialty fire protection engineering firm. We specialize in all aspects of fire and life safety including systems design, code consulting, and performance-based design. The firm works with key government clients including the US Army Corps of Engineers (USACE), Naval Facilities (NAVFAC), General Services Administration (GSA) and the Department of Energy. FireLogix designs fire protection solutions for commercial companies including major car makers, steel factories, tire manufacturers, consumer goods, and many others. The work environment is casual and flexible. As a small firm we operate quickly with minimal administrative overhead. This empowers engineers to move fast and think freely to solve problems for clients quickly.

Our office is in a suburb just north of Cincinnati, Ohio (Lebanon). The Cincinnati – Dayton area is a great place to live. Some things to do in the area include professional sports (football, baseball, soccer, tennis, hockey, etc.), collegiate sports (basketball), Kings Island (theme park), and many local parks to explore. The area includes shopping, restaurants, and the arts (Arts Center, Playhouse in the Park). The weather is relatively mild in the area. The cost of living is low.

**Fire Protection Engineer / Project Manager**

This position is for a consulting fire protection engineer. The successful candidate will work on multiple projects at any given time in a fast-paced environment. Projects are located throughout the U.S. and abroad. The successful candidate will enjoy working on multi-discipline teams including architects, engineers, contractors, and building owners. The candidate will take on progressive responsibilities to manage complete projects from start to finish.

**Responsibilities may include the following:**

- Fire protection and life safety consulting to deliver a complete solution ranging from building and life safety code to fire protection systems. Project responsibilities often run from early schematic design through construction and final inspection.
- Building code consulting
- Life safety code consulting
- Preparation of performance-based designs and alternative engineered solutions
- Preparation of code summaries and reports
- Design of fire sprinkler systems
- Design of fire suppression systems (clean agent, foam, gaseous, and other types of systems)
- Design of water supplies (fire pumps, water storage tanks, underground distribution)
- Design of fire alarm and mass notification systems ranging from single building to campus wide systems
- Performance based design of smoke control systems (smoke exhaust, stair pressurization, shaft pressurization)
- Fire modeling using FDS, CFAST, and Pyrosim software
- Egress modeling using Pathfinder
- Building Information Modeling (BIM) using Revit software
- Preparation of drawings, specifications, calculations, and reports to support construction of facilities
- Conduct site inspections to gather existing conditions related to fire protection
- Conduct final inspections to approve life safety measures and fire protection systems

**Job Requirements**

**Skills and Competencies**

- Strong interpersonal skills
- Strong verbal skills in one on one and group settings
- Ability to write concisely and clearly to communicate technical concepts to the layperson
- Creative thinking and problem-solving skills
- Comfortable working with partial information and developing solutions based on incomplete and imperfect information
- Ability to handle multiple projects at once
Ability to prioritize and change focus quickly and frequently.
Experience with both bid and design build project deliver methods.
Experience on federal projects for DoD and GSA is a strong plus.

Qualifications
- Ability to establish Licensure as a Professional Engineer in Fire Protection Engineering in any state within 1 year of employment is required.
- S. in an engineering field (ABET Accredited) is required (Fire Protection Engineering is preferred).
- S. Citizen

Other
- Job Duration: Indefinite
- Job Location: Working from a remote location will be considered. The preferred location is at the firm’s office in Lebanon, Ohio (Between Dayton, OH and Cincinnati, OH)
- Job Type: Full time
- Benefits: Vacation, medical insurance, dental insurance, vision insurance, Health Savings Account (HSA), 401K, Life Insurance, Relocation Assistance, 4 day work week (Fridays off) workload permitting.
- Salary: Commensurate with experience and qualifications

FireLogix Engineering, Ltd
Lebanon, Ohio, United States

FireLogix consultants have decades of experience in code consulting and fire protection engineering. Our consultants are registered under the NCEES Fire Protection Engineering Examination and hold advanced degrees in Fire Protection Engineering. We are active with Society of Fire Protection Engineers (SFPE), National Fire Protection Association (NFPA), and International Code Council (ICC). We are a growing, specialty fire protection engineering firm. We specialize in all aspects of fire and life safety including systems ...

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