CoJob Description:

What You Will Do:
The Fire Protection Engineer will support the facilities design, construction, and renovation projects by providing their professional expertise.

The responsibilities of the Fire Protection Engineer are as follows, to include but not limited to:

- Coordinate with project managers and other personnel/contractors, and other project team members on projects as necessary
- Assist in the development of reports and studies
- Collaborate and assist in resolving critical issues with multi-disciplined team of architects, engineers, and federal agency clients
- Understand and be able to implement standards as outlined in the Program of Requirements (POR). Suggest edits and updates to the POR, as applicable
- Manage design of projects throughout the project, from programming to post-occupancy
- Review proposal documents for accuracy and ability to meet standards. Provide comment and/or recommendations as necessary
- Perform design reviews and submit comments in required format
- Review architectural, electrical, and mechanical floor plans utilizing various NFPA and IBC codes and standards
- Possess and utilize knowledge and understanding of the Life Safety Code (NFPA 101), especially as it pertains to Means of Egress Systems and Components. Ensure all designs meet these standards
- Review vendor shop drawings and equipment submittals for sprinkler system and fire alarm systems for compliance with NFPA 13 and NFPA 72
- Review sprinkler system hydraulic calculations, hydrant flow test data, and fire pump performance curves
- Possess the knowledge and ability to suggest and equivalent level of protection when strict code compliance cannot be achieved
- Ability to act as Subject Matter Expert (SME) with respect to Fire Protection and Life Safety at design meetings and on-site construction meetings
- Attend site surveys and make on-the-spot recommendations regarding acceptability of a building with respect to Life Safety code requirements for Exit Remoteness, Exit Capacity, and Discharge
- Ability to test Fire and Life Safety Systems including, but not limited to, sprinklers, fire alarm, emergency lighting, and elevator recall during Substantial Completion Inspections. Make recommendations to the project manager on whether the space can be accepted and occupied safely
- Provide on-site field survey measurements and verification

What You Will Need:

- An ACTIVE and CURRENT TOP SECRET federal security clearance
- A Bachelor’s degree from an accredited college or university in Mechanical or Fire Protection Engineering
- A minimum of fifteen (15) years of experience in commercial/government office building design and construction
- Proficient in most current version of AutoCAD software

What Would Be Nice To Have:

- Experience in both Fire Protection and Mechanical Engineering.

If interested, contact:

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