The fire protection engineer is responsible for the successful execution of fire protection design on Federal government projects for both general AE projects and critical facilities. Projects can be design-build or design-bid-build and new or renovation. Utilizes knowledge and skill set to review, analyze, and provide solutions for fire suppression, fire detection, life safety, and alarm and mass notification systems. Collaborates with other disciplines and clients to provide coordinated construction documents.

**Required Bachelor's degree in Mechanical or Architectural or Fire Protection Engineering from accredited program**

**Preferred experience in Fire Protection Industry***

**Preferred 15 years experience***

**Previous Federal experience preferred***

***Must be US Citizen**

**Key Responsibilities**

- Read and interpret construction documents, including drawings, specifications and contracts. Interpret and apply applicable NFPA Standards to the design/layout based on building type, hazard classification, architectural characteristics, etc.
- Develop construction documents for fire suppression and alarm systems on new and existing facilities ensuring project compliance with applicable codes and standards.
- Manage design teams to meet scope, schedule, budget and quality on complex government projects
  - Perform technical reviews of complex design documents including building construction, fire detection/alarm, fire suppression, standpipe, fire alarm, smoke control, water storage/distribution and alternative fire suppression systems to ensure that they conform to the applicable regulations, standards, and codes.
- Review contractor shop drawings and submittals
  - Actively coordinate with all other internal/external team members on projects
- Work with the Authority Having Jurisdiction, team, contractors and owners to create a safe working environment for the occupants while still completing the mission.
  - Perform field investigations of completed design to verify accuracy of design and perform/witness acceptance testing/commissioning
- Provide presentations and training at events concerning updates to codes and regulations.