

# **FIRE PROTECTION ENGINEER PE**

## **Healthcare**

### **Fort Hood, Texas**

J.M. Waller Associates, Inc. offers environmental, engineering, construction and facility management services to government and commercial clients across the U.S. and around the world. We are seeking an experienced Fire Protection Engineer Specialist with healthcare experience to provide engineering services on Fort Hood.

The Fire Protection Engineer Specialist serves as the technically responsible staff specialist and subject matter expert in fire prevention, fire protection, and life safety for the Fort Hood Hospital Construction Office.

#### **Responsibilities:**

- Responsible for the technical accuracy and adequacy of the fire prevention, fire protection, and life safety features of design and construction being reviewed.
- Resolves design and construction issues related to Life Safety Engineering.
- Represents USACE in discussions with A-E firms and other Government agencies in matters pertaining to the specialized fields of Fire Protection, Fire Prevention and Life Safety.
- Review and assess designs of all Life Safety Systems. Responsible for reviewing studies, scopes of work, and preliminary and final design plans prepared both in-house and by A-Es
- Ensures the technical accuracy of those portions of design relative to fire prevention, fire protection and life safety; for compliance with all instructions and changes provided during the course of design development; and for feasibility, clarity, and consistency with other engineering features.
- Performs quality assurance and quality control on all Life Safety Systems, to include but not limited to fire prevention, fire protection, fire sprinkler systems, fire alarm systems, fire control, compartmentalization and all other life safety engineering systems. Ensures all systems meet all applicable codes and proper certifications.
- Enters progress reports into RMS daily, with photographic documentation, to document progress of Medical Center construction project. Accomplish RMS training as required. Provides input as required by higher authority in development/ improvement of Quality related policies and procedures.
- Offers unsolicited improvement suggestions and contributions and contributes to BCOE reviews.
- Coordinates and works through deliverables with designated Government representatives, i.e., Area Engineer, Administrative Contracting Officer, Resident Engineer, etc.
- Prepare detailed technical review comments, and is available during design development for consultation on all novel or unusual problems in fire prevention, fire
- protection, and/or life safety engineering. Works closely with A-E and in house personnel to resolve any problems that may arise during the course of the project development. Also reviews studies, scopes of work, and preliminary and final design plans and specifications for fire protection systems.
- Provide expert technical guidance to Government personnel on the interpretation, rationale, and applicability of codes, standards, regulations, design criteria and other material in the area of fire prevention, fire protection, and life safety as they apply to the designs being undertaken by the project.
- Perform site visits on a daily basis to assess progress and compliance. Assists in the interpretation of the design intent for the fire prevention, fire protection, and life safety features of the projects.
- Review contractor prepared test plans, and participates in the acceptance of testing and commissioning of the fire equipment and systems.
- Review contractor prepared shop and transmittals to assess that the equipment and systems are being furnished and installed as designed. Advise Government of special conditions or problems which will delay completion or increase the cost. Ensures that all data necessary for preparation of detailed

construction drawings, and specifications are present to assure accuracy and completeness of information.

- Review shop drawings and materials and equipment affecting design. Participate in the development of change orders and supplemental agreements by furnishing advice to field on design problems created by changing requirements.
- Participate in conferences with engineers to discuss methods of resolving design discrepancies and integrating various technical requirements into design, preparing or reviewing specifications and estimates required for negotiation of construction modifications.
- Responsible for review of Statement of Conditions
- Communicate with customers and other agencies routinely to understand their expectations and to keep them informed of project progress and issues. Provide customer cost and time impact info for their consideration on user requested changes. Work to develop trusting relationships with customers.

**Requirements:**

- Professional Engineer Registration required.
- Accredited Bachelor's Degree in Engineering required.
- Prior experience in related aspects of design/construction of hospitals.

J. M. Waller Associates, Inc. offers a diverse, team-oriented working environment and the opportunity to work with exceptional dedicated professionals within the environmental, engineering, construction, logistics and facility management fields. We offer our employees a comprehensive benefits package and the opportunity to take part in exciting projects with government clients, both domestic and international. Please visit our website for additional exciting career opportunities.

J. M. Waller Associates, Inc. is an EEO/AA employer. We invite resumes from all interested parties without regard to race, color, religion, creed, gender, national origin, age, genetic information, marital or veteran status, disability, or any other category protected by federal, state, or local law.

J. M. Waller Associates, Inc. is a Service Disabled Veteran Owned Business (SDVOB)

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