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Job Description

Fire Protection Engineer / OCONUS (US Citizen / Public Trust Required)

(Job Number: FIV01601)

Description
From command centers across the U.S. to theater operations on ground, at sea and in the air, Five Rivers Services’ (an Akima Company) personnel are at the forefront of our nation’s most vital IT, communications, and security efforts. Our personnel enjoy competitive benefits packages and challenging roles in work environments committed to safety, diversity and opportunity for career growth. As an Alaska Native Corporation (ANC), 100% of our company’s profits go back to our more than 14,000 Iñupiat shareholders that have resided near and above the Arctic Circle for more than 10,000 years. Our business helps support their way of life and contributes to the survival of a culture that has thrived in a challenging environment.

Job Summary:

- Performs professional engineering work to protect life and property.
- Work includes assessment and prediction of fire hazards or risks, mitigation of fire damage by proper design, construction, and arrangement of facilities, design, construction, inspection, testing, and operation of fire detection and fire suppression apparatus, appliances, devices, and systems, and assessment of fire protection requirements.
- Helps prevent, identify, and mitigate fire hazards to detect, control, and suppress fire events.
- Consider the effects of fire on people, structures, commodities, and the continuity of operations identifies fire hazards and their risks, the cost of protection, and fire safety design, interpret, and promote fire safety codes and standards, use quantitative methods to assess aspects of fire and fire safety, and determine and apply scientific principles and theories of fire phenomena.
- Ensure compliance with Vectrus Performance Work Statement, Army Regulation 420-1 Army Facilities Management, Area Support Group-Kuwait (Army) policies as well as National Fire
Protection Association (NFPA) standards as prescribed by DoD instructions, Army regulations, and Unified Facilities Criteria (UFC’s).

Responsibilities:

- Applies Fire Protection Engineering work that generates the application of theories, principles, practical concepts, processes, and methods of fire prevention and fire phenomena related to, fire protection engineering science, engineering design, and design or evaluation of the designs of integrated systems involving suppression, detection, and electrical and electronic alarm systems, design standards and codes for fire protection engineering techniques and practices, human responses to emergency situations, fire tests and measurements, and system concepts of fire safety and methods of analysis and evaluation.
- Design overall fire protection systems, conduct investigations into post fire incidents, and provide specifications for building construction, exit and egress means, and mechanical systems.
- Examines the nature and characteristics of fire phenomena and the associated products of combustion. Determines how fires originate, spread, and are detected, controlled, and/or extinguished. Work includes the anticipation and prediction of fire behavior on materials, structures, machines, and apparatus to protect life and property.
- Provide fire protection and system safety engineering technical leadership, criteria and code interpretation, design and construction quality assurance, training and mentoring in the areas of fire prevention and systems safety design to initial planning team (IPT) architectural, engineering and project management staff within the Army Department of Public Works, the Vectrus Public Works Department, and the Fire Department.
- Also provides project management leadership and coordination within IPT, and communicate acceptable technical fire protection engineering and design requirements and performance standards to Architect Engineering (A-E) firms providing contract services.
- Utilize established guidelines to plan, formulate, and implement fire protection engineering strategies, goals, and program instructions. Serve as team lead for fire protection engineering support surveys and acceptance tests conducted on new and rehabilitated fire protection engineering systems.
- Review and evaluate project designs to ensure drawings, specifications, and supporting documents needed for projects are correct.
- Review designs of new and modified facilities throughout various stage of development to assure compliance with the NFPA Life Safety Codes and ensure various fire protection design criteria are met.
- Prepare Fire Protection design and construction documents, for new and renovation projects to various types of facilities, using the latest technological design and drafting tools. Determine work priorities and schedules for meeting milestones within time limitations.

Working Environment:

- Work is generally conducted in an office environment with many outdoor activities to include site visits at ASG installations throughout Kuwait. Will involve working outside with potential exposure to extreme high temperatures, and dry and dusty conditions.
Physical Activities:

- Work may require moderate lifting, stooping, climbing, prolonged standing, and prolonged sitting.

Qualifications

Minimum Qualifications:

- Must be able to obtain a Public Trust clearance.
- Minimum of 4 years’ experience in design of fire protection and alarm systems, knowledge of DoD standards, building codes and NFPA 101, with design project management experience.
- Degree in Engineering (Fire Protection, Mechanical, Civil, Electrical, etc.).
- Must meet one of the following criteria’s per UFC 3-600-01:
  - Registered professional engineer (P.E.) who has passed the fire protection engineering written examination administered by the National Council of Examiners for Engineering and Surveys (NCEES); or
  - Registered P.E. in a related engineering discipline with a minimum of 5 years of experience, dedicated to fire protection engineering that can be verified with documentation.
- Experience working with military engineering standards preferred.
- Specialized experience must demonstrate the following, serve as a technical authority on facilities fire protection and life safety; conduct and review designs for fire protection systems; apply knowledge of engineering/architectural fields to solve facility engineering issues/problems; and Inspect, test, and approve new and rehabilitated fire protection systems.
- Sound technical knowledge of DoD and UFC code requirements, as well as the applicable NFPA and ICC codes and standards for fire protection and life safety criteria, effective communication, analytical, and interpersonal skills, articulate with professional presence, solid decision-making, planning, and organizational skills, must be able to work independently, without supervision, motivated, hard-working, team player with attention to detail, good computer skills in Word, Excel, AutoCAD experience desirable and other software needed to produce reports and designs.
- Valid stateside driver’s license and the ability to obtain a U.S. Government Motor Vehicle Operator’s license, and Kuwait Driver’s license are needed to facilitate travel throughout all of Kuwait to support US Army projects and site visits.

The duties and responsibilities listed in this job description generally cover the nature and level of work being performed by individuals assigned to this position. This is not intended to be a complete list of all duties, responsibilities, and skills required. Subject to the terms of an applicable collective bargaining agreement, the company management reserves the right to modify, add, or remove duties and to assign other duties as may be necessary. We wish to thank all applicants for their interest and effort in applying for the position; however, only candidates selected for interviews will be contacted.

We are an equal opportunity employer. All applicants will receive consideration for employment, without regard to race, color, religion, creed, national origin, gender or gender-identity, age, marital status, sexual orientation, veteran status, disability, pregnancy or parental status, or any other basis prohibited by law.

We are committed to Equal Employment Opportunity and providing reasonable accommodations to applicants with physical and/or mental disabilities. If you have a physical and/or mental disability and are
interested in applying for employment and need special accommodations to use our website to apply for a position please contact, Recruiting Services at job-assist@akima.com or 571-353-7053. Reasonable accommodation requests are considered on a case-by-case basis.

The dedicated email and telephonic options above are reserved only for individuals with disabilities needing accessibility assistance to apply to an open position using our website. Please do not use the dedicated email or phone number above to inquire on the status of your job application.

In order for our company to stay compliant with government regulations, please apply on line. Please DO NOT email resumes or call in lieu of applying online unless you have a physical and/or mental disability and need assistance with the online application.

Shift: Day Job

Primary Location: Kuwait

Organization: Five Rivers Services, LLC

Job: Engineering/Design

Closing Date (Period for Applying) - External: Ongoing

Travel: Yes, 25% of the Time

Clearance Level: Public Trust

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orientation, veteran status, pregnancy or parental status. It is our firm intent to support equal employment opportunity and affirmative action in keeping with applicable federal, state, and local laws and regulations. We are committed to equal employment opportunity and providing reasonable accommodations to applicants with physical and/or mental disabilities. If you have a physical and/or mental disability and are interested in applying for employment and need special accommodations to use our website to apply for a position please contact, Recruiting Services at or 571-353-7053. Reasonable accommodation requests are considered on a case-by-case basis.

job-assist@akima.com