

Edgewater is seeking qualified candidates for a **Fire Protection Engineer** opportunity for our customer in **Richland, WA** to support the **Hanford Site**.

### **Title of Scope: Fire Protection Engineer Support to Hanford Fire Marshal's Office**

#### **INTRODUCTION / BACKGROUND**

The Contractor is charged with managing the design and construction of several construction projects and other miscellaneous site work for the U.S. Department of Energy (DOE) at the DOE's Hanford Site north of Richland, Washington.

These projects and other miscellaneous work affects Hanford Site infrastructure, including fire protection water supplies, and fire suppression and fire alarm and detection system design, installation, modification, and in some instances deactivation. This work falls under the jurisdiction of the Hanford Fire Marshal's Office (HFMO).

#### **OBJECTIVE**

Obtain the technical services of a qualified fire protection engineer (FPE) to support the Hanford Fire Marshal (HFM) as a point of contact within the HFMO to assist Contractor Project Management, Hanford Fire Department operations and maintenance, and Contractor Central Engineering organizations with the design and implementation of fire protection related projects and other miscellaneous site work.

#### **DESCRIPTION OF WORK**

- Support the daily planning and implementation of activities of the HFMO as directed by the HFM.
- Perform assigned duties as a Deputy Fire Marshal (DFM) for the Hanford Site on behalf of the HFM.
- Assist individual MSA projects with development and identification of fire protection related requirements and criteria. These projects may include, but are not limited to:
  - o L-357, Replace 12-Inch Potable Water Line to 222-S Lab
  - o L-781, 181D Vertical Turbine Pumps, Header, Instrumentation, and Commission
  - o L-826, 181B Vertical Turbine Pumps, Header, Instrumentation, and Commission
  - o L-840, 24 Inch Export Water Line Replacement 2901-Y to 200West
  - o L-849 and L-850, Replacement of the 200E and 200W Potable Water Tanks
  - o L-851, Design and Install EW Pipe to Replace 42-Inch Line at 100D
  - o L-868, Raw Water Fire Protection Loop for LAWPS
  - o L-894, Raw Water Cross Connection Isolation 200E/W
  - o L-895, Fire Protection Infrastructure Plateau Raw Water
  - o L-897, 200 Area Water Treatment Facility
  - o L-905, Fire Alarm Reporting System and Radio Fire Alarm Reporter Replacement and Upgrades
- Produce technical evaluations or proposals for risk-based reduction of the overall number of fire protection systems on the Hanford Site as directed by the HFM.
- Review and approve project documentation, including approval of design, equipment, materials, and operating procedures related to fire protection.
- Assist MSA Engineering in the preparation and/or peer checking of fire protection related Facility Modification Package (FMP) design drawings and documentation.
- Interface with building and contractor FPEs and perform routine interpretation of fire protection related Codes and Standards with the follow-on approval of the HFM.
- Support other Engineering tasks such as generation, review, and approval of various studies and technical documents related to Hanford Site fire protection systems and planned system upgrades.
- Support any of the various duties that need to be fulfilled through the HFMO organization as directed by the HFM.

## **QUALIFICATIONS**

The successful candidate shall be a qualified FPE as follows:

- Be a graduate of an accredited university or college with a Bachelor of Science in an engineering or related technical field; and
- Have completed not less than four years of practice indicative of growth in fire protection engineering competency and achievement, three years of which shall have been in responsible charge of fire protection engineering design; or
- Be a Fire Protection Engineer holding Professional Member Grade in the Society of Fire Protection Engineers; or
- Be a registered Professional Engineer in the Fire Protection discipline.
- Have a minimum of 20 years of experience in the implementation and application of DOE Fire Protection Program criteria;

The preferred candidate shall:

- Be a graduate of an accredited university with a Master of Science Degree in Fire Protection Engineering (MSFPE);
- Be, or be capable, of becoming qualified as a Deputy Fire Marshal on the Hanford Site within 30 days of date of subcontract award;
- Be familiar with the application of current programmatic fire protection requirements at the Hanford Site;
- Be knowledgeable in the consistent application of DOE Fire Protection Program criteria with DOE nuclear and industrial safety requirements;
- Be experienced in the design, installation and testing of fire protection water supplies and fire protection systems in accordance with NFPA Codes and Standards and DOE Fire Protection Program requirements.
- Subcontractor shall ensure that its personnel meet and maintain the appropriate training, qualifications, and certification requirements as applicable.

## **Work Location / Potential Access Requirements**

Work shall be performed locally within facilities provided for the HFMO in Richland, Washington, or on the Hanford Site as assigned and directed by the HFM.

## **Site Access and Work Hours**

Hanford personnel at the Hanford Site work a standard 4/10 schedule. The standard work week consist of ten (10) hours of work between 6:00 a.m. and 4:30 p.m. with one-half hour designated as an unpaid period for lunch, Monday through Thursday. Work performed outside normal operating hours shall be coordinated and/or approved through the BTR and/or the contract Specialist prior to performing the work.

If you are interested in being considered for this position and your resume clearly outlines your relevant experience for this position, please follow the application steps via our website [www.Edgewatertech.net](http://www.Edgewatertech.net).

If your qualifications match our position requirements you will be contacted and provided additional details. Edgewater will *not* submit your resume without first having detailed discussions with you and obtaining your permission to do so.

We look forward to hearing from you!

## **WORKING WITH EDGEWATER**

Edgewater offers the opportunity to structure benefit packages to best suit your needs. We offer multiple individual and family benefit options including paid time off, medical, dental, life, vision, and disability insurance, and a pre-tax 401(k) retirement account with Company matching contributions and 100% vesting for eligible participants beginning on DAY 1.

## **EQUAL OPPORTUNITY EMPLOYER**

Edgewater is an Equal Opportunity Employer and all qualified applicants will be considered for employment without regard to race, color, religion, sexual orientation, gender identity, national origin, protected Veterans, or individuals with disabilities.