FIRE PROTECTION ENGINEER

DEPARTMENT OF THE ARMY

U.S. Army Corps of Engineers

Summary

This is a Direct Hire Authority (DHA) solicitation utilizing the DHA for Certain Personnel of the DoD Workforce to recruit and appoint qualified candidates to positions in the competitive service.

About the Position: Winchester, a city of 30,000, is located in the beautiful Shenandoah Valley 70 miles northwest of Washington, DC. Visit the US Army Corps of Engineers, Transatlantic Middle East District website at the link here.

Position is eligible for remote work.

Overview

Accepting applications

Open & closing dates

12/08/2021 to 12/20/2021

Salary

$87,198 - $134,798 per year
Pay scale & grade
GS 12 - 13

Location
1 vacancy in the following location:

Location Negotiable After Selection, United States

Telework eligible
Yes—as determined by the agency policy.

Travel Required
Occasional travel - You may be expected to travel for this position.

Relocation expenses reimbursed
No

Appointment type
Permanent

Work schedule
Full-time

Service
Competitive

Promotion potential
13

Job family (Series)
0804 Fire Protection Engineering

Supervisory status
No

Security clearance
Secret

Drug test
No

Position sensitivity and risk
Noncritical-Sensitive (NCS)/Moderate Risk

Trust determination process
National security
Announcement number
NCFV214003938786HW

Control number
625658200

THIS JOB IS OPEN TO

Military spouses

The public
U.S. Citizens, Nationals or those who owe allegiance to the U.S.

Videos

USACE Mission Video 2021

Duties

• As a Fire Protection Engineer you will be responsible for the review of and recommendations for, any changes to all plans, original designs, and design changes for the numerous construction programs being carried out in the various countries
• Develop design criteria to be included in scopes of work for use by Architecture-Engineering (A-E) firms in developing designs.

• Develop/draft original plans, design criteria, design drawings, and technical specifications and prepare the design analysis for all fire prevention, fire protection, and life safety features of the project design work.

• Provide specialized expertise to HQUSACE in maintaining and developing design criteria documents for aircraft hangar fire protection systems.

• Review incoming directives, scopes of work, and project criteria to determine the type of project involved, and the feasibility of using agency requirements.

Requirements

Conditions of Employment

• Appointment may be subject to a suitability or fitness determination, as determined by a completed background investigation.

• Pursuant to EO 14043, all Federal employees, regardless of duty location or work arrangement, must be fully vaccinated for COVID-19 before entrance on duty, subject to exceptions as required by law.

• If selected, the agency will provide information regarding what documentation is needed and how to request any legally required exceptions from this requirement.

• Proof of vaccination will be required. To ensure compliance with this mandate, review the vaccination requirements, to include timelines for receiving required doses, at the following: https://www.saferfederalworkforce.gov/faq/vaccinations/

Qualifications

Who May Apply: US Citizens

In order to qualify, you must meet the education and experience requirements described below. Experience refers to paid and unpaid experience, including volunteer work done through National Service programs (e.g., Peace Corps, AmeriCorps) and other organizations (e.g., professional; philanthropic; religious; spiritual; community; student; social). You will receive credit for all qualifying experience, including volunteer experience. Your resume must clearly describe your relevant experience; if qualifying based on education, your transcripts will be required as part of your application. Additional information about transcripts is in this document.

https://www.usajobs.gov/GetJob/ViewDetails/625658200
NOTE: Management may select at any of the grade levels announced. Noncompetitive promotion potential to target grade.

Basic Requirement for Fire Protection Engineer:
A. Degree: Bachelor's degree (or higher degree) in engineering. To be acceptable, the program must: (1) lead to a bachelor's degree (or higher degree) in a school of engineering with at least one program accredited by the Accreditation Board for Engineering and Technology (ABET);

OR

(2) include differential and integral calculus and courses (more advanced than first-year physics and chemistry) in five of the following seven areas of engineering science or physics: (a) statics, dynamics; (b) strength of materials (stress-strain relationships); (c) fluid mechanics, hydraulics; (d) thermodynamics; (e) electrical fields and circuits; (f) nature and properties of materials (relating particle and aggregate structure to properties); and (g) any other comparable area of fundamental engineering science or physics, such as optics, heat transfer, soil mechanics, or electronics.

OR

B. Combination of Education and Experience: College-level education, training, and/or technical experience that furnished (1) a thorough knowledge of the physical and mathematical sciences underlying engineering, and (2) a good understanding, both theoretical and practical, of the engineering sciences and techniques and their applications to one of the branches of engineering.

The adequacy of such background must be demonstrated by one of the following:
1. Professional registration or licensure - Current registration as an Engineer Intern (EI), Engineer in Training (EIT), or licensure as a Professional Engineer (PE) by any State, the District of Columbia, Guam, or Puerto Rico. Absent other means of qualifying under this standard, those applicants who achieved such registration by means other than written test (e.g., State grandfather or eminence provisions) are eligible only for positions that are within or closely related to the specialty field of their registration. For example, an applicant who attains registration through a State Board's eminence provision as a manufacturing engineer typically would be rated eligible only for manufacturing engineering positions.

2. Written Test - Evidence of having successfully passed the Fundamentals of Engineering (FE) examination, or any other written test required for professional registration, by an engineering licensure board in the various States, the District of Columbia, Guam, or Puerto Rico.

3. Specified academic courses - Successful completion of at least 60 semester hours of courses in the physical, mathematical, and engineering sciences and that included the courses specified in A above. The courses must be fully acceptable toward meeting the requirements of an engineering program.
4. Related curriculum - Successful completion of a curriculum leading to a bachelor's degree in an appropriate scientific field, e.g., engineering technology, physics, chemistry, architecture, computer science, mathematics, hydrology, or geology, may be accepted in lieu of a degree in engineering, provided the applicant has had at least 1 year of professional engineering experience acquired under professional engineering supervision and guidance. Ordinarily there should be either an established plan of intensive training to develop professional engineering competence, or several years of prior professional engineering-type experience, e.g., in interdisciplinary positions.

**In addition to meeting the basic requirement above, to qualify for this position you must also meet the qualification requirements listed below:**

**GS-12 Specialized Experience:** One year of specialized experience which includes producing design plans, specifications, drawings, statements of work, design analysis, and construction modifications; reviewing preliminary reports, design analyses, calculations, design drawings, and specifications on proposed construction projects to insure that plans meet requirements and criteria; investigating and resolving problems and conditions in fire protection systems and equipment impacting costs, efficiency, safety, and performance; inspecting fire protection system installations for conformance to contract requirements and industry standards. This definition of specialized experience is typical of work performed at the next lower grade/level position in the federal service (GS-11).

**GS-13 Specialized Experience:** One year of specialized experience which includes leading the review of fire protection engineering designs to ensure technical adequacy and accuracy; providing technical guidance to lower grade engineers involved in all phases of design and review for overall compliance with the scope of project and required criteria; assisting in the preparation of planning and programming documents for potential new projects; interpreting construction plans and specifications when questions arise as to the intent of design. This definition of specialized experience is typical of work performed at the next lower grade/level position in the federal service (GS-12).

**Education**

**FOREIGN EDUCATION:** If you are using education completed in foreign colleges or universities to meet the qualification requirements, you must show the education credentials have been evaluated by a private organization that specializes in interpretation of foreign education programs and such education has been deemed equivalent to that gained in an accredited U.S. education program; or full credit has been given for the courses at a U.S. accredited college or university. For further information, visit:

[http://www.ed.gov/about/offices/list/ous/international/usnei/us/edlite-visitus-forrecog.html](http://www.ed.gov/about/offices/list/ous/international/usnei/us/edlite-visitus-forrecog.html)

**Additional information**
Benefits

How You Will Be Evaluated

You will be evaluated for this job based on how well you meet the qualifications above.

Once the announcement has closed, a review of your application package (resume, supporting documents, and responses to the questionnaire) will be used to determine whether you meet the qualification requirements listed on this announcement.

If, after reviewing your résumé and/or supporting documentation, a determination is made that you have inflated your qualifications and/or experience, you may lose consideration for this position. Please follow all instructions carefully when applying, errors or omissions may affect your eligibility.

You should list any relevant performance appraisals and incentive awards in your resume as that information may be taken into consideration during the selection process. If selected, you may be required to provide supporting documentation.

Veterans and Military Spouses will be considered along with all other candidates.

Benefits

Required Documents

How to Apply

Fair and Transparent

Required Documents
The documents you are required to submit vary based on whether or not you are eligible for preference in federal employment. A complete description of preference categories and the associated required documents is in the Applicant Checklist (External).

As described above, your complete application includes your resume, your responses to the online questionnaire, and documents which prove your eligibility to apply. **If you fail to provide these documents, you will be marked as having an incomplete application package and you will not be considered any further.**

1. **Your resume:**
   - Your resume may be submitted in any format and must support the specialized experience described in this announcement.
   - If your resume includes a photograph or other inappropriate material or content, it will not be used to make eligibility and qualification determinations and you may not be considered for this vacancy.
   - For qualifications determinations your resume must contain hours worked per week and the dates of employment (i.e., HRS per week and month/year to month/year or month/year to present). If your resume does not contain this information, your application may be marked as incomplete and you may not receive consideration for this position.
   - For additional information see: [What to include in your resume](https://www.usajobs.gov/GetJob/ViewDetails/625658200).

2. **Other supporting documents:**
   - Cover Letter, optional
   - Most recent Performance Appraisal, if applicable
   - This position has an individual occupational requirement and/or allows for substitution of education for experience. If you meet this requirement based on education you MUST submit a copy of your transcript with your application package or you will be rated ineligible. See: [Transcripts and Licenses](https://www.usajobs.gov/GetJob/ViewDetails/625658200)
   - This position may require a job-related license or certification. You MUST submit a copy of your license or certification with your application package or you will be rated ineligible. See: [Transcripts and Licenses](https://www.usajobs.gov/GetJob/ViewDetails/625658200)

**NOTE:** Documents submitted as part of the application package, to include supplemental documents, may be shared beyond the Human Resources Office. Some supplemental documents such as military orders and marriage certificates may contain personal information for someone other than you. You may sanitize these documents to remove another person's
personal information before you submit your application. You may be asked to provide an un-sanitized version of the documents if you are selected to confirm your eligibility.

If you are relying on your education to meet qualification requirements:

Education must be accredited by an accrediting institution recognized by the U.S. Department of Education in order for it to be credited towards qualifications. Therefore, provide only the attendance and/or degrees from schools accredited by accrediting institutions recognized by the U.S. Department of Education.

Failure to provide all of the required information as stated in this vacancy announcement may result in an ineligible rating or may affect the overall rating.

How to Apply

Read more

Agency contact information

Army Applicant Help Desk

Website

https://portal.chra.army.mil/hr_public?id=app_inq

Address

FV-APF-W31R30 ENDIS MIDDLE EAST
DO NOT MAIL
Alexandria, VA 22315
US

Learn more about this agency

Next steps

https://www.usajobs.gov/GetJob/ViewDetails/625658200
If you provided an email address, you will receive an email message acknowledging receipt of your application. Your application package will be used to determine your eligibility, qualifications, and quality ranking (as applicable) for this position. If you are determined to be ineligible or not qualified, your application will receive no further consideration.

**Fair & Transparent**

The Federal hiring process is setup to be fair and transparent. Please read the following guidance.

- [Equal Employment Opportunity (EEO) Policy](#)
- [Reasonable accommodation policy](#)
- [Financial suitability](#)
- [Selective Service](#)
- [New employee probationary period](#)
- [Signature and false statements](#)
- [Privacy Act](#)
- [Social security number request](#)

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**Apply**

- Print
- Share
- Save

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