

# Research Civil Engineer

DEPARTMENT OF THE ARMY

U.S. Army Corps of Engineers

US Army Engineer Research & Development Center (ERDC), Geotechnical & Structures Laboratory

## Summary

**About the Position:** This position is located with the U.S. Army Research and Development Center (ERDC) in Vicksburg, MS and may be used to fill multiple vacancies among various laboratories within ERDC.

**This position will be located in Vicksburg, MS and will allow for situational telework only. This position is NOT eligible for Full time telework.**

## Overview

Accepting applications

### Open & closing dates

🕒 01/31/2022 to 02/10/2022

### Salary

\$79,363 - \$144,976 per year

### Pay scale & grade

DB 4

### Location

1 vacancy in the following location:

📍 Vicksburg, MS

### Telework eligible

Yes—as determined by the agency policy.

### Travel Required

25% or less - Up to 25% annual business travel may be required in this position.

### Relocation expenses reimbursed

Yes— You may qualify for reimbursement of relocation expenses in accordance with agency policy.

### Appointment type

Temporary - Not to exceed 6 months

### Work schedule

Full-time

## Service

Competitive

## Promotion potential

None

## Job family (Series)

[0810 Civil Engineering](#)

[\(/Search/Results?j=0810\)]((/Search/Results?j=0810))

## Supervisory status

No

## Security clearance

[Secret](#)

[\(/Help/faq/job-announcement/security-clearances/\)]((/Help/faq/job-announcement/security-clearances/))

## Drug test

No

## Position sensitivity and risk

[Noncritical-Sensitive \(NCS\)/Moderate Risk](#)

[\(/https://www.usajobs.gov/Help/faq/job-announcement/security-clearances/\)]((/https://www.usajobs.gov/Help/faq/job-announcement/security-clearances/))

## Trust determination process

[Credentialing](#)

[\(/https://www.usajobs.gov/Help/faq/job-announcement/security-clearances/\)]((/https://www.usajobs.gov/Help/faq/job-announcement/security-clearances/))

[National security](#)

[\(/https://www.usajobs.gov/Help/faq/job-announcement/security-clearances/\)]((/https://www.usajobs.gov/Help/faq/job-announcement/security-clearances/))

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## Announcement number

MWGR225304384874

## Control number

634308300

THIS JOB IS OPEN TO



### [Career transition \(CTAP, ICTAP, RPL\)](#)

Federal employees who meet the definition of a "surplus" or "displaced" employee.



### [Federal employees - Competitive service](#)

Current or former competitive service federal employees.



### [Federal employees - Excepted service](#)

Current excepted service federal employees

Current excepted service federal employees.



### [Individuals with disabilities](#)



### [Land & base management](#)

Certain current or former term or temporary federal employees of a land or base management agency.



### [Military spouses](#)

## Clarification from the agency

See "Who May Apply" in the "Qualifications" section for more information on who is eligible to apply for this position.

# Duties

- As a DB-04 Civil Engineer, you will plan, have oversight, and conduct work supporting research and development in the specialized field of railroad engineering.
- This work will include execution of existing research and development projects, identification of future research and development funding avenues, and technical support for railroad evaluations across the DOD.
- This work will also include field evaluations of railroad track systems, Quality Assurance and Quality Control of railroad repairs, development of new inspection methods, and certified track inspector training.
- As a Civil Engineer, you will use your expertise and judgment to independently carry out work assignments, and you will routinely direct the work of other employees to accomplish project work.
- Duties may also include initiating contracts and coordinating support services from other work centers.
- You will be required to participate in meetings, communicate with stakeholders, and write and review technical reports and other technical documents.

# Requirements

## Conditions of Employment

- This position requires the incumbent be able to obtain and maintain a determination of eligibility for a Secret security clearance or access for the duration of employment. A background investigation and credit check are required.
- Financial Disclosure Statement OGE Form 450 is used to assist agencies and employees to avoid conflicts between duties and financial interest. This position requires pre-employment financial disclosure and annually thereafter. DoD Directive 5500-7-R

## Qualifications

**This position may be filled as a temporary promotion or temporary reassignment NTE 6 months by a current permanent Army employee. Temporary promotions or reassignments may be extended up to a maximum of five years, and may be made permanent without further competition.**

**This position may be filled as a temporary appointment NTE 6 months, if candidate is not a current permanent Army employee. Temporary appointments may be extended up to a maximum of three years.**

**Who May Apply:** Only applicants who meet one of the employment authority categories below are eligible to apply for this job. You will be asked to identify which category or categories you meet, and to provide documents which prove you meet the category or categories you selected. See [Proof of Eligibility](https://acpol2.army.mil/chra_dodea/Proof_1APR2019.pdf) ([https://acpol2.army.mil/chra\\_dodea/Proof\\_1APR2019.pdf](https://acpol2.army.mil/chra_dodea/Proof_1APR2019.pdf)) for an extensive list of document requirements for all employment authorities.

- Current Department of Army Civilian Employees
- Current Permanent Department of Defense (DOD) Civilian Employee (non-Army)
- Interagency Career Transition Assistance Plan
- Land Management Workforce Flexibility Act
- Military Spouses, under Executive Order (E.O.) 13473
- Modification of Term Appointments
- Non-Department of Defense (DoD) Transfer
- People with Disabilities, Schedule A
- Priority Placement Program, DoD Military Spouse Preference (MSP) Eligible
- Reinstatement

In order to qualify, you must meet the educational and/or 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://acpol2.army.mil/chra_dodea/Transcripts.pdf) ([https://acpol2.army.mil/chra\\_dodea/Transcripts.pdf](https://acpol2.army.mil/chra_dodea/Transcripts.pdf)).

#### **Basic Requirement for Research Civil 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:**

**Specialized Experience:** One year of specialized experience which includes: Evaluation of transportation infrastructure; AND Experience with Railroad experience in Track Maintenance, Design, and/or Construction. This definition of specialized experience is typical of work performed at the next lower grade/level position in the federal service (GS-11).

OR

Education: Ph.D. or equivalent doctoral degree in a field which demonstrates the knowledge, skills, and abilities necessary to do the work of the position, such as: [insert applicable field(s) of study].

OR

Combination of Education and Experience: A combination of education and experience may be used to qualify for this position as long as the computed percentage of the requirements is at least 100%. To compute the percentage of the requirements, divide your total months of experience by 12. Then divide the total number of completed graduate semester hours (or equivalent) beyond the second year (total graduate semester hours minus 36) by 18. Add the two percentages.

All qualification requirements, including time after competitive appointment, must be met by the closing date of this announcement.

This position is covered by the Science and Technology Laboratory Personnel Management Demonstration Project and this pay band includes the General Schedule grade equivalent to GS-5 through GS-07. In accordance with the Federal Register Vol. 63, No. 57, dated March 25, 1998, an employee of the Laboratory Demonstration project must have a current average performance score of 2.5 or above in order to be selected for promotion. All applicants currently employed under a Laboratory Demonstration Project must include their most recent performance appraisal score as part of their electronic resume. If you are a Lab Demo employee submitting your resume for the first time, or if you have previously submitted your resume without your most recent score, you must submit your resume now with the following statement to be included in the section on your training: Current Performance Rating is 2.5 or higher.

You will be evaluated on the basis of your level of competency in the following areas:

- Construction Inspection and Quality Management
- Oral Communication
- Technical Competence
- Written Communication

## 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

- Male applicants born after December 31, 1959, must complete a Pre-Employment Certification Statement for Selective Service Registration.
- You will be required to provide proof of U.S. Citizenship.
- Two year trial/probationary period may be required.
- Direct deposit of pay is required.
- This position requires you to submit a Confidential Financial Disclosure Report (OGE450) upon entry, and annually thereafter.
- Selection is subject to restrictions resulting from Department of Defense referral system for displaced employees.
- This is a Career Program (CP) 18 - Engineer and Scientist position
- You may claim military spouse preference (MSP).
- If a MSP applicant is determined best qualified and selected, placement must be at the full performance level for priority consideration.
- Multiple positions may be filled from this announcement.
- Salary includes applicable locality pay or Local Market Supplement.
- Interagency Career Transition Assistance Program (ICTAP). If you are a Federal employee in the competitive service and your agency has notified you in writing that you are a displaced employee eligible for ICTAP consideration, you may receive selection priority for this position. To receive selection priority, you must: (1) meet ICTAP eligibility criteria (2) be rated well-qualified for the position and; (3) submit the appropriate documentation to support your ICTAP eligibility. To be considered well-qualified and receive selection priority applicants must satisfy all qualification requirements for the position and receive a score of 90 or above. Additional information about the program is on [OPM's Career Transition Resources website](http://www.opm.gov/policy-data-oversight/workforce-restructuring/employee-guide-to-career-transition/) (<http://www.opm.gov/policy-data-oversight/workforce-restructuring/employee-guide-to-career-transition/>).
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- When you perform a Civilian Permanent Change of Station (PCS) with the government, the Internal Revenue Service (IRS) considers the majority of your entitlements to be taxable. Visit <https://www.dfas.mil/civilianemployees/civrel/Civilian-Moving-Expenses-Tax-Deduction/> (<https://www.dfas.mil/civilianemployees/civrel/Civilian-Moving-Expenses-Tax-Deduction/>) for more information.
- If you are unable to apply online or need to fax a document you do not have in electronic form, view the following link for information regarding an [Alternate Application](https://help.usastaffing.gov/Apply/index.php?title=Alternate_Application_Information) ([https://help.usastaffing.gov/Apply/index.php?title=Alternate\\_Application\\_Information](https://help.usastaffing.gov/Apply/index.php?title=Alternate_Application_Information)).
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- Payment of Permanent Change of Station (PCS) costs is authorized, subject to the provisions of the Joint Travel Regulations.
- Due to COVID-19, the agency is currently in an expanded telework posture. If selected, you may be expected to temporarily telework, even if your home is located outside the local commuting area. Once employees are permitted to return to the office, you will be expected to report to the duty station listed on this announcement within a designated time frame identified by the organization. At that time, you may be eligible to request to continue to telework one or more days a pay period depending upon the terms of the agency's telework policy.

- Information may be requested regarding the vaccination status of selectees for the purposes of implementing workplace safety protocols. For more information, visit <https://www.saferfederalworkforce.gov/faq/vaccinations/> (<https://www.saferfederalworkforce.gov/faq/vaccinations/>).
- This position is Non Exempt from the Fair Labor Standards Act.
- Eligible for situational telework only, including emergency and OPM prescribed "Unscheduled Telework".
- Nepotism: Under the provisions of 5 USC 3110, an individual may not be appointed into a position if the position is under the supervisory chain of command of a relative.

## Benefits

A career with the U.S. government provides employees with a comprehensive benefits package. As a federal employee, you and your family will have access to a range of benefits that are designed to make your federal career very rewarding. [Learn more about federal benefits](https://www.usajobs.gov/Help/working-in-government/benefits/) (<https://www.usajobs.gov/Help/working-in-government/benefits/>).

[Review our benefits](https://www.usajobs.gov/Help/working-in-government/) (<https://www.usajobs.gov/Help/working-in-government/>).

Eligibility for benefits depends on the type of position you hold and whether your position is full-time, part-time or intermittent. Contact the hiring agency for more information on the specific benefits offered.

## 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 you are minimally qualified, your résumé and supporting documentation will be compared against your responses to the assessment questionnaire to determine your level of experience. 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.

## Required Documents

The documents you are required to submit vary based on the authority you are using to apply (i.e., applying as a veteran, applying as a current permanent Federal employee, applying as a reinstatement, etc). Please review the following links to see which documents you need to provide to prove your eligibility to apply: [Applicant Merit Checklist](https://acpol2.army.mil/chra_dodea/CKMO_1APR2019.pdf) ([https://acpol2.army.mil/chra\\_dodea/CKMO\\_1APR2019.pdf](https://acpol2.army.mil/chra_dodea/CKMO_1APR2019.pdf)) and [Proof of Eligibility](https://acpol2.army.mil/chra_dodea/Proof_1APR2019.pdf) ([https://acpol2.army.mil/chra\\_dodea/Proof\\_1APR2019.pdf](https://acpol2.army.mil/chra_dodea/Proof_1APR2019.pdf)).

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 will be marked as incomplete and you will not receive consideration for this position.
- For additional information see: [What to include in your resume](https://www.usajobs.gov/Help/faq/application/documents/resume/what-to-include/)  
(<https://www.usajobs.gov/Help/faq/application/documents/resume/what-to-include/>)

### 2. Other supporting documents:

- Cover Letter, optional
- Most recent Performance Appraisal, if applicable
- **Proof of Eligibility to Apply:** Your application must include the documents which **prove you are eligible to apply** for the vacancy. The [Proof of Eligibility](https://acpol2.army.mil/chra_dodea/Proof_1APR2019.pdf)  
([https://acpol2.army.mil/chra\\_dodea/Proof\\_1APR2019.pdf](https://acpol2.army.mil/chra_dodea/Proof_1APR2019.pdf)) document describes authorities commonly used in merit promotion recruitment and what document(s) are required to prove you meet the requirements of the authority. You must meet the requirements of at least one of the authorities listed in the **Who May Apply** section above to receive further consideration.
- 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://acpol2.army.mil/chra_dodea/Transcripts.pdf)  
([https://acpol2.army.mil/chra\\_dodea/Transcripts.pdf](https://acpol2.army.mil/chra_dodea/Transcripts.pdf))

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  
(<http://www.ed.gov/admins/finaid/accred/>)

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

To apply for this position, you must complete the online questionnaire and submit the documentation specified in the Required Documents section below.

The complete application package must be submitted by 11:59 PM (EST) on 02/10/2022 to receive consideration.

- To begin, click **Apply** to access the online application. You will need to be logged into your USAJOBS account to apply. If you do not have a USAJOBS account, you will need to create one before beginning the application (<https://apply.usastaffing.gov/ViewQuestionnaire/11374874> (<https://apply.usastaffing.gov/ViewQuestionnaire/11374874>)).
- Follow the prompts to **select your résumé and/or other supporting documents** to be included with your application package. You will have the opportunity to upload additional documents to include in your application before it is submitted. Your uploaded documents may take several hours to clear the virus scan process.
- After acknowledging you have reviewed your application package, complete the Include Personal Information section as you deem appropriate and **click to continue with the application process**.
- You will be taken to the online application which you must complete in order to apply for the position. Complete the online application, verify the required documentation is included with your application package, and submit the application. **You must re-select your resume and/or other documents from your USAJOBS account or your application will be incomplete.**
- It is your responsibility to verify that your application package (resume, supporting documents, and responses to the questionnaire) is complete, accurate, and submitted by the closing date. Uploaded documents may take up to one hour to clear the virus scan.
- Additional information on how to complete the online application process and submit your online application may be found on the [USA Staffing Applicant Resource Center](https://help.usastaffing.gov/Apply/index.php?title=Applicant) (<https://help.usastaffing.gov/Apply/index.php?title=Applicant>).

To verify the status of your application, log into your USAJOBS account (<https://my.usajobs.gov/Account/Login>), all of your applications will appear on the Welcome screen. The Application Status will appear along with the date your application was last updated. For information on what each Application Status means, visit: <https://www.usajobs.gov/Help/how-to/application/status/> (<https://www.usajobs.gov/Help/how-to/application/status/>).

## Agency contact information

### Army Applicant Help Desk

#### Website

[https://portal.chra.army.mil/hr\\_public?id=app\\_inq](https://portal.chra.army.mil/hr_public?id=app_inq)  
([https://portal.chra.army.mil/hr\\_public?id=app\\_inq](https://portal.chra.army.mil/hr_public?id=app_inq))

[Learn more about this agency.](#)  
([#agency-modal-trigger](#))

#### Address

GR-APF-W2R2AA US ARMY ENGR RESEARCH AND DEV CTR  
DO NOT MAIL  
Vicksburg, MS 39183  
US

## Next steps

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 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](#)

[\(/Help/equal-employment-opportunity/\)](#)

### [Financial suitability](#)

[\(/Help/working-in-government/fair-and-transparent/financial-suitability/\)](#)

### [New employee probationary period](#)

[\(/Help/working-in-government/fair-and-transparent/probationary-period/\)](#)

### [Privacy Act](#)

[\(/Help/working-in-government/fair-and-transparent/privacy-act/\)](#)

### [Reasonable accommodation policy](#)

[\(/Help/reasonable-accommodation/\)](#)

### [Selective Service](#)

[\(/Help/working-in-government/fair-and-transparent/selective-service/\)](#)

### [Signature and false statements](#)

[\(/Help/working-in-government/fair-and-transparent/signature-false-statements/\)](#)

### [Social security number request](#)

[\(/Help/working-in-government/fair-and-transparent/social-security-number/\)](#)