

Resident Engineer

Supervisory Interdisciplinary

Architect/Engineer

DEPARTMENT OF THE ARMY

U.S. Army Corps of Engineers

Construction Division

Vacancies in the following locations:

Pay scale & grade

GS 13

Fort Drum, NY

Work schedule

Full-Time

Telework eligible

No

Apply to: cenan-hr-vfair1@usace.army.mil

Include in the Subject Line: Position, Location and GS Level for consideration

Attach your resume, transcripts, and cover letter (optional)

Duties

Summary: You will serve as Resident Engineer at the duty station Area Office with responsibility for the administration, management, and engineering supervision over civil works, military, support for others, and environmental construction projects. You will provide first-line supervision with responsibility for the technical and administrative supervision of the personnel assigned to the resident office.

This is an interdisciplinary position and can be filled under any of the following occupational series, depending on the qualifications of the applicant and needs of the agency:

- General Engineer, 0801
- Architect, 0808
- Civil Engineer, 0810
- Environmental Engineer, 0819
- Mechanical Engineer, 0830
- Electrical Engineer, 0850

Responsibilities

- Responsible for the supervision and administration of a number of complex projects estimated between \$50 to \$70 million dollars annually.
- Ensure essential information and documentation is disseminated in order to render appropriate management decisions affecting the Resident Office organization or projects assigned to the Resident Office.
- Evaluate construction program activities to ascertain if objectives are met and that proper and effective control of construction operations is maintained.
- Investigate construction delays or work stoppages and renders solutions.
- Process contract modifications and actively participate in design changes to address errors, omissions, or user design changes.
- Attend conferences and meetings with various representatives to jointly discuss and implement changes in program objectives, changes in design criteria, and other controversial matters.
- Supervise staff engineers engaged in the supervision and inspection of construction projects and handles all personnel actions.
- Assign work, establishing priorities and deadlines considering relative difficulty of work.
- Recommend changes in design, specifications, and/or schedules to accommodate site conditions or to expedite construction.
- Determine the adequacy of contractor personnel, workmanship, equipment and materials to enforce safety regulations, and general conformance to Corps of Engineers standards.

Travel Required

- 25% or less – You may be expected to travel for this position approximately 25% of the time.

Supervisory status

Yes

Promotion Potential

None

Job family (Series)

[0801 General Engineering](https://www.usajobs.gov/Search/?j=0801)
(<https://www.usajobs.gov/Search/?j=0801>)

[0808 Architecture](https://www.usajobs.gov/Search/?j=0808)
(<https://www.usajobs.gov/Search/?j=0808>)

[0810 Civil Engineering](https://www.usajobs.gov/Search/?j=0810)
(<https://www.usajobs.gov/Search/?j=0810>)

[0819 Environmental Engineering](https://www.usajobs.gov/Search/?j=0819)
(<https://www.usajobs.gov/Search/?j=0819>)

[0830 Mechanical Engineering](https://www.usajobs.gov/Search/?j=0830)
(<https://www.usajobs.gov/Search/?j=0830>)

[0850 Electrical Engineering](https://www.usajobs.gov/Search/?j=0850)
(<https://www.usajobs.gov/Search/?j=0850>)

Conditions of Employment

- Appointment may be subject to a suitability or fitness determination, as determined by a completed background investigation.
- You must possess a current, valid Professional Engineering (PE) or Registered Architect (RA) License in good standing issued by any one of the 50 states, or its territories.
- This position may require a Hazardous, Toxic, and Radioactive Waste (HTRW) physical examination pending job requirements.
- This position requires the incumbent to submit a Financial Disclosure Statement, OGE-450, upon entering the position and annually thereafter.
- This position requires the incumbent to obtain and maintain a valid, State-issued Motor Vehicle Drivers license.
- Temporary business travel (TDY) away from the work-site up to 25% of the time is required.
- This position may require a one year Supervisory probationary period.
- This position has been designated as requiring a Contracting Career Field level II Certification. Completion of Level II certification must be achieved within 24 months of placement into this position.
- This position requires you to obtain Administrative Contracting Officer (ACO) warrant within 24 months of hire.
- This position requires spending a considerable portion of time working outdoors in all types of weather including extreme temperatures, river conditions, and is subject to injury from the use of a variety of tools, as well as, wet working surfaces.
- Due to the duties of this position to conduct construction site visits/investigations physical mobility and maneuverable may be required to bend, lift, climb, stand, push, pull, li□ and walk to potentially hazardous job sites..

Education Requirements

BASIC REQUIREMENTS - ARCHITECT (0808)

A. Degree: Bachelor's degree (or higher degree) in architecture or in a related field that included 60 semester hours of course work in architecture or related disciplines of which at least (1) 30 semester hours were in

architectural design, and (2) 6 semester hours were in each of the following: structural technology, properties of materials and methods of construction, and environmental control systems.

OR

B. Combination of Education and Experience: College-level education, training, and/or technical experience that furnished (1) a thorough knowledge of the arts and sciences underlying professional architecture, and (2) a good understanding, both theoretical and practical, of the architectural principles, methods, and techniques and their applications to the design and construction or improvement of buildings. The adequacy of such background must be demonstrated by at least one of the following:

(1) Related Curriculum - Degree in architectural engineering provided the completed course work in architectural engineering provided knowledge, skills, and abilities substantially equivalent to those provided in the courses specified in statement A above.

OR

(2) Experience: 1 year of experience in an architect's office or in architectural work for each year short of graduation from a program of study in architecture. In the absence of any college courses, 5 years of such experience is required. This experience must have demonstrated that you have acquired a thorough knowledge of the fundamental principles and theories of professional architecture.

**BASIC REQUIREMENTS - CIVIL, ELECTRICAL, ENVIRONMENTAL, MECHANICAL or GENERAL ENGINEER
(0810, 0850, 0819, 0830, 0801)**

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 ABOVE BASIC REQUIREMENT, you must also meet the specialized experience or education substitution requirements listed below.

SPECIALIZED EXPERIENCE (GS-13): Specialized Experience: One year of specialized experience which includes: (1) Planning and/or coordinating managerial efforts for complex projects or program (i.e., financial, planning work assignments, evaluating work, human capital, etc...); (2) Overseeing and inspecting various phases of construction projects; (3) Negotiating with contractors; AND (4) Interpreting construction plans and specifications. This definition of specialized experience is typical of work performed at the next lower grade/level position in the federal service (GS-12).

EDUCATION

Some federal jobs allow you to substitute your education for the required experience in order to qualify. For this job, you must meet the qualification requirement using experience alone—no substitution of education for experience is permitted.

Selective Placement Factor: This position requires a valid Professional Engineer (PE) license or Registered Architect (RA) certificate. You **MUST** submit a copy of either document with your application package. Failure to do so will result in your application package being rated as incomplete.

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

- Building and Construction
- Leadership
- Oral Communication
- Planning and Evaluating
- Project Management

Time in Grade Requirement: Applicants who have held a General Schedule (GS) position within the last 52 weeks must have 52 weeks of Federal service at the next lower grade or equivalent (GS- 12).

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>