



**Direct Hire Authority (DHA) Announcement
Certain Competitive Service Positions
Engineering Division
Seattle District**

Open Date: 9 AUG 2019

Closing Date: 11 AUG 2019

Position Title: Civil Engineer (Structural) GS-0810-11 Target 12

Type of Appointment: Permanent

Location: U.S. Army Corps of Engineers, Seattle District, Seattle, WA

Special Salary Rate Range for the grade being recruited:

GS-11: \$67,816 - \$88,166

Duties:

You will serve as a Structural Engineer with designated lead responsibility for carrying out a full range of project design activities in support of Seattle District's Military and Civil Works design and construction programs. Duties of this position include but are not limited to:

- Use current BIM software tools; specifically Autodesk Revit.
- Responsible for the design and quality control of engineering products and the coordination of project design features with supporting architectural and engineering disciplines.
- Perform field inspections of bridges, hydraulic steel structures, dams, and buildings and prepare inspection reports to document findings.
- Prepare and/or oversee preparation of construction contract documents, to include plans, specifications and design analysis and project cost estimate.
- Provide design products that meet current building and life safety codes and other specified design criteria.
- Review contractor shop-drawings and submittals for compliance with construction contract provisions.
- Respond to field office requests for information (RFIs) and furnish technical assistance, as may be required during the construction phase of a project.
- Job management by preparing budget distribution and weekly work schedule.
- Inform, recommend, assist, supervise, and/or lead other users, leadership or lower graded employees.

Qualifications:

BASIC REQUIREMENT FOR CIVIL ENGINEER (STRUCTURAL) - (0810):

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:

For the GS-11 Level:

Specialized Experience GS-11: One year of specialized experience which includes assisting a design professional in designing steel, reinforced masonry, reinforced concrete, or wood structural framing systems for multiple story commercial buildings, bridges, hydraulic steel structures, dams, or other similar structures AND experience designing with 2D and 3D CAD/BIM products. NOTE: Project Management experience without actual Design experience is not qualifying. This definition of specialized experience is typical of work performed at the next lower grade/level position in the federal service (GS-09).

OR

Education: Ph.D. or equivalent doctoral degree or 3 full years of progressively higher level graduate education leading to such a degree in a field which demonstrates the knowledge, skills, and abilities necessary to do the work of the position, such as: Civil Engineering, Structural Engineering, etc.

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.

Knowledge, Skills and Abilities needed for this Position:

Structural Engineering
Project Management
Computer Skills
Strategic Thinking
Communications
Leadership

Area of Consideration: All eligible for the Direct Hire Authority (DHA) for Certain Competitive Service Positions.

This Direct Hiring Authority (DHA) allows qualified candidates to be appointed under this authority at any grade level through GS-15 levels (or equivalent) for permanent, temporary, or term positions in the competitive service.

Conditions of Employment:

- Business travel is approximately 25%.
- A valid state driver's license is required.

Other Information:

- Relocation assistance is NOT authorized.

How to Apply: This is a DHA announcement for a permanent position at the GS-11 level with non-competitive promotion potential to the GS-12.

Anyone wishing consideration for this opportunity must submit the following:

1. *Cover Letter (Optional)*
2. *Resume*
3. *Transcripts (An unofficial copy of current transcripts is acceptable)*

Send the above items via email to: Todd Bishop, todd.w.bishop@usace.army.mil

Point of Contact: Todd Bishop, todd.w.bishop@usace.army.mil, or
(206) 316-3982
Supervisory Architect, Seattle, District Corps of Engineers

Erynn Summers, erynn.d.summers@usace.army.mil, or
(206) 764-3500
Administrative Officer, Engineering Division