



**Direct Hire Authority (DHA) Announcement
Certain Competitive Positions
Engineering Division, Technical Services Branch
Cost Engineering Section
Seattle District**

Open Date: 21 NOV 2019

Closing Date: 06 DEC 2019

Position Title: Civil Engineer, GS-0810-07/09/11/12

Type of Appointment: Permanent

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

Salary Rate Range:

GS-07: \$47,264 - \$58,172

GS-09: \$57,809 - \$71,147

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

GS-12: \$81,283 - \$105,672

Duties:

At full performance level, you will serve as a senior Civil Cost Engineer responsible for the development of cost products to support project planning and execution. Duties of this position include, but are not limited to:

- Prepare cost products on a variety of military, civil, and hazardous toxic and radiological waste (HTRW) projects.
- Work with designers in developing different or less costly methods than those proposed.
- Develop construction cost estimates, construction sequencing schedules, cost and schedule risk analysis, and document results in decision document reports at various stages of planning, engineering/design, and construction.
- Utilize computer-aided costs engineering systems such as Micro-Computer Aided Cost Estimating System (MCACES) and other Tri-Service computer Aided Cost Estimating System (TRACES) software throughout the development of the cost estimate.
- Cost products will be required for planning studies, alternatives analyses, design submittals, contract solicitations, source selections, modifications to existing contracts, and other projects as assigned.

*****NOTE: This is an Acquisition position. Please see conditions of employment section for more information.*****

Qualifications:

BASIC REQUIREMENT FOR SERIES 0810:

A. Degree: Bachelor's degree (or higher degree) in civil 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-07 LEVEL:

Specialized Experience: One year of specialized experience which includes demonstrated ability or aptitude (such as through school work or internship) to provide Civil Engineering support to civil and/or military projects in one of the following areas: designing civil features, involvement with construction execution, or developing construction cost estimates/schedules. This definition of specialized experience is typical of work performed at the second lower grade/level position in the federal service (GS-05).

OR

Education: One full year of graduate level education in a field which demonstrates the knowledge, skills, and abilities necessary to do the work of the position, such as: Civil Engineering or Cost Engineering.

OR

Superior Academic Achievement. In order to be creditable under this provision, Superior Academic Achievement must have been gained in a curriculum that is qualifying for the position to be filled, such as that identified in Education above. Superior Academic Achievement is based on:

- (1) Class Standing - Applicants must be in the upper third of the graduating class in the college, university, or major subdivision, such as the College of Liberal Arts or the School of Business Administration, based on completed courses; OR
- (2) Grade-Point Average (G.P.A.) - Applicants must have a grade-point average of either (a) 3.0 or higher out of a possible 4.0 ("B" or better) as recorded on your official transcript, or as computed based on 4 years of education, or as computed based on courses completed during the final 2 years of the curriculum; or (b) 3.5 or higher out of a possible 4.0 ("B+" or better) based on the average of the required courses completed in the major field or the required courses in the major field completed during the final 2 years of the curriculum.; OR
- (3) Honor Society Membership - Applicants may be considered eligible based on membership in one of the approved national scholastic honor societies listed by the Association of College Honor Societies (<https://www.achsnaatl.org/>).

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) by 18. Add the two percentages.

FOR THE GS-09 LEVEL:

Specialized Experience: One year of specialized experience which includes providing Civil Engineering support to civil and/or military projects in two of the following areas: designing civil features, involvement with construction execution, or developing construction cost estimates/schedules. This definition of specialized experience is typical of work performed at the second lower grade/level position in the federal service (GS-07).

OR

Education: Master's or equivalent graduate degree or 2 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 or Cost Engineering.

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 first year (total graduate semester hours minus 18) by 18. Add the two percentages.

FOR THE GS-11 LEVEL:

Specialized Experience: One year of specialized experience which includes developing Civil Engineering designs, overseeing construction contract execution/methodologies and process, and developing construction cost estimates/schedules. This definition of specialized experience is typical of work performed at the second 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 or Cost Engineering.

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.

FOR THE GS-12 LEVEL:

Specialized Experience: One year of specialized experience which includes preparing construction cost estimate and construction schedules for civil and/or military projects; and reviewing cost estimates for accuracy and compliance with cost estimation policies and regulations. This definition of specialized experience is typical of work performed at the next lower grade/level position in the federal service (GS-11).

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.

Knowledge, Skills and Abilities needed for this Position:

Building and Construction
Communications
Cost Estimation and Analysis
Learning
Project Management

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

This Direct Hiring Authority (DHA) allows qualified candidates to be appointed under this authority for GS-15 and below (or equivalent pay plans/grades, to include wage grade) for permanent, term or temporary positions in the competitive service.

Conditions of Employment: *This position has requirements which must be met prior to employment, and conditions for continued employment. Your answers to the questions in this section will indicate your understanding of, or possession of, these requirements and conditions.*

- Upon reaching or being appointed at the GS-11 grade level, the incumbent must obtain DAWAI Facilities Engineering Level II certification within 2 years.
- Must obtain certification as a Certified Cost Consultant (CCC) or Certified Cost Engineer (CCE) within 1 year of becoming eligible for the certification.
- Must have or be able to obtain a valid state driver's license within 1 year of being appointed.
- Business travel (TDY) is approximately 25%.

Other Information:

- Moving assistance is not authorized.
- Relocation or recruitment bonus may be authorized.

How to Apply: This is a DHA announcement for a permanent position at the GS-07, GS-09, GS-11 or GS-12 grade levels with non-competitive promotion potential through intervening grades depending on which grade level you are selected at.

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: Ian Pumo, ian.j.pumo@usace.army.mil

*****Please include the position title in the subject line of your email submission.*****

Point of Contact: Ian Pumo, ian.j.pumo@usace.army.mil
(206) 764-6763
Chief, Cost Engineering Section, Seattle District, U.S. Army Corps
of Engineers

Eyrnn Summers, erynn.d.summers@usace.army.mil
(206) 764-3500
Administrative Officer, Engineering Division, Seattle, District,
U.S. Army Corps of Engineers