

PHILADELPHIA DISTRICT – NOW HIRING

Electrical Engineer GS-12 (1 Vacancy)

THIS IS A DIRECT HIRE SOLICITATION – THIS POSITION IS BEING ADVERTISED THROUGH THE DIRECT-HIRE AUTHORITY (DHA) FOR SELECT TECHNICAL ACQUISITION POSITIONS FOR SCIENTIFIC AND ENGINEERING DEGREES (PUBLIC LAW 114-92 SECTION 1113).

HOW TO APPLY – Email the following documents to Christine.D.Clapp@usace.army.mil:

- a. A copy of your most current Resume which clearly identifies beginning and ending dates of employment. Include work experiences and skills exhibited, number of hours per week worked at each job, and associated references.
- b. An unofficial copy of your college transcript which includes the name of your educational institute, your identifying information, the degree conferred, and date degree conferred.

Opens: 18 Oct 2019. Closes: These documents must be emailed no later than 11:59 pm on 25 Oct 2019.

This position is located at U.S. Army Corps of Engineers, Philadelphia District, Engineering & Construction Division, Engineering Branch, General Design Section, 100 Penn Sq East, Philadelphia, PA.

This is a Permanent appointment, PART-TIME Federal civilian position.

Benefits include: paid holidays, annual and sick leave, health, dental, vision and life insurance, public transportation subsidy, and participation in the Federal Employees Retirement System (FERS) retirement plan, which includes the Thrift Savings Plan, a 401k-style investment plan with up to 5% employer matching.

Position Title: Electrical Engineer (GS-0850-12)

Salary Range: \$80,806 (step 1) - \$105,052 (step 10) annually

Part Time work schedule: 24 hours per week

POSITION DUTIES: You will:

- Serve as senior electrical engineer preparing and/or, overseeing the preparation of, electrical designs, electrical design narratives, electrical design calculations, drawings, and technical specifications, required for civil works and military construction projects. Electrical system design may include interior and exterior electrical distribution and lighting systems.
- Maintains a knowledge of Corps design criteria and standards as well as industry standards and national codes.
- Mentors lower grade electrical engineers in design and plans presentation related matters.
- Prepares project specifications using HQUSACE guide specifications to specify equipment and construction technical specifications related to the electrical systems required to construct projects.

- Provides technical assistance and guidance to others in the District regarding electrical engineering problems and matters.
- Coordinates the design of electrical systems with the design of related project features accomplished by architects and other engineering disciplines.
- Reviews electrical portions of designs prepared by architect-engineers for the above and similar projects. Checks for proper interpretation and application of Corps criteria and standards to ensure that design drawings and analyses are accurate and that conclusions and assumptions are sound.
- Reviews shop drawings submitted by Contractors to assess suitability of materials and equipment and to verify conformance to contract plans and specifications.
- Conducts site investigations to ascertain site conditions, condition of existing electrical systems, and special requirements, and collect data on which to base the design.
- Act as Contracting Officer Representative (COR) on Architect-Engineer contracts, when required.

Qualifications: Basic Requirement for Position (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.

Conditions of Employment:

Defense Acquisition Workforce: This position requires possession of, or the ability to acquire, a Defense Acquisition Workforce Improvement Act (DAWIA) Level II Facilities Engineering certification. The certification shall be completed within 24 months after initial date of employment. In addition, must possess or have the ability to possess certification as Contracting Officers Representative (COR).

Driver's license: Must have possession of a valid state driver's license.

Travel: Business travel up to 25% of the time.

Financial Disclosure Statement: Incumbent is required to submit a Financial Disclosure Statement, OGE-450, (5CFR Part 2634, Subpart I USOGE, 6/08), Executive Branch Personnel Confidential Financial Disclosure Report upon entering the position and annually, in accordance with DoD Directive 5500-7-R, Joint Ethics Regulation, dated 17-Nov-2011.

Probationary Period: A two-year Probationary or Trial period may be required.

Reasonable Accommodation: Reasonable Accommodation is available to qualified employees with disabilities. For further information visit: <https://www.opm.gov/policy-data-oversight/disability-employment/reasonable-accommodations/>

Requirements for positions Upon Job Offer:

Selective service registration
Proof of US Citizenship
Direct Deposit of pay