



Job Title: Electrical Engineer

Department: Department of the Army

Agency: U.S. Army Corps of Engineers

Job Announcement Number: SWGJ157281761426869

SALARY RANGE: \$71,551.00 to \$93,022.00 / Per Year
OPEN PERIOD: Thursday, June 11, 2015 to Thursday, June 25, 2015
SERIES & GRADE: GS-0850-12
POSITION INFORMATION: Full Time - Permanent
DUTY LOCATIONS: 1 vacancy in the following location:
Pittsburgh, PA [View Map](#)
WHO MAY APPLY: Status Candidates (Merit Promotion and VEOA Eligibles)
SECURITY CLEARANCE: Not Applicable
SUPERVISORY STATUS: No

JOB SUMMARY:

Civilian employees serve a vital role in supporting the Army mission. They provide the skills that are not readily available in the military, but crucial to support military operations. The Army integrates the talents and skills of its military and civilian members to form a Total Army.

About the Position:

As a Electrical Engineer in the Technical Design Section serves as an Electrical Engineering Specialist with responsibility for the development of Power Distribution & Control System design, plans and specifications for difficult electrical systems containing unusual features which require distinctive deviations from precedence established for similar projects. In addition, incumbent administers and coordinates designated A-E contracts and provides technical advice to lower grade engineers on complex design programs.

If you do not meet one of the eligibility requirements under "Who May Apply", please apply against announcement SWGJ157281761428545D, which is open to all U.S. citizens.

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](#) for an extensive list of document requirements for all employment authorities.

- [Current Civilian Employee with the Department of the Army](#)
- [Current Department of Defense \(DOD\) - Civilian Employee \(non-Army\)](#)
- [Current Permanent Federal Civilian Employee \(other than DOD\)](#)
- Former Federal Employee, eligible for [Reinstatement](#)
- Eligible under [Veterans' Employment Opportunity Act \(VEOA\)](#)
- Eligible for [overseas Military Spouse Preference](#)
- Eligible for [Military Spouse Preference under Executive Order 13473](#)
- [Priority Placement Program, Program S \(Military Spouse\) registrants](#)
- Eligible for [overseas Family Member Preference](#)
- Eligible for [NAF/AAFES Interchange Agreement](#)
- Eligible due to an [Interchange Agreement](#)
- Eligible due to [Interagency Career Transition Program \(ICTAP\)](#)

TRAVEL REQUIRED

- Occasional Travel
- 10% Temporary Duty Travel (TDY)

RELOCATION AUTHORIZED

- Yes
- Permanent Change of Station (PCS) may be authorized, Relocation Incentive may be authorized.

KEY REQUIREMENTS

- Subject to background/suitability investigation
 - Must obtain and maintain a valid State's Driver's License
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DUTIES:

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Major Duties:

- Develops and coordinates design, contract plans and specifications, and design computations for complex electrical systems and features for navigation locks and dams and flood control reservoirs.
 - Makes economic and design studies in connection with design and arrangement of all electrical features of navigation and flood control structures, local protection work and other projects.
 - Visits projects to render advice, discuss methods and outline instructions as to the requirements needed to meet the intent of the design and performance. Analyzes electrical problems arising during construction/modification of projects, checks operation requirements to assure intent of design is met and makes preliminary inspection of electrical installations. Investigates Electrical Power distribution & Control System equipment upon request to determine reason or cause for malfunctioning equipment or systems and recommends solution to problems.
 - Conducts investigations involving special phases of electrical engineering for the improvement and efficiency of power distribution and control systems on navigation locks and dams and flood control reservoirs, or industrial facilities.
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QUALIFICATIONS REQUIRED:

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Applicants must qualify for the basic education requirement; specialized experience is an addition to the education requirement. You must submit your college transcripts with your application packet (unofficial transcripts are accepted).

- Bachelor's degree or above in professional engineering from a college or university accredited by the Accreditation Board for Engineering and Technology (ABET). NOTE: THIS DOES NOT INCLUDE ENGINEERING TECHNOLOGY. (You must provide transcripts with your application package).
- Bachelor's degree or above in professional engineering. The curriculum included 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) statistics, dynamics; (b) strength of materials (stress/strain relationships); (c) fluid mechanics, hydraulics; (d) thermodynamics; (e) electrical fields and circuits +ADs (f) nature and properties of materials (relating particle and aggregate structure to properties); and (g) any other comparable area of fundamental engineering

science of physics, such as optics, heat transfer, soil mechanics, or electronics. (You must provide transcripts with you application package).

- Currently registered as a professional engineer by a state in the United States, the District of Columbia, Guam, or Puerto Rico. I also have college-level education, training, and/or technical expertise that furnished (1) a thorough knowledge of the physical and mathematical sciences underlying professional 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. (You must provide transcripts with your application package).

- Successfully passed the Engineer in Training examination, or the written test required for professional registration, administered by the Boards of Engineering Examiners in the various States, the District of Columbia, Guam, and Puerto Rico. I have also completed all the requirements for either (a) a bachelor's degree in engineering technology (BET) from an accredited college or university that included 60 semester hours of courses in the physical, mathematical, and engineering sciences, or (b) a BET from a program accredited by the ABET+AD's and (You must provide transcripts with your application package).

- Combination of at least 4 years of college-level education, training, and/or technical expertise that included successful completion of at least 60 semester hours of courses in the physical, mathematical, and engineering sciences, including the courses listed in paragraph B above. The courses are fully acceptable toward meeting the requirements of a professional engineering curriculum. (You must provide transcripts with your application package).

- Bachelor's degree or higher-level degree in engineering technology or in an appropriate professional field (for example, physics, chemistry, architecture, computer science, mathematics, hydrology, or geology) and at least one (1) full year of professional engineering experience that was acquired under a professional training program or under professional engineering supervision and guidance. (You must provide transcripts with your application package.)

Experience required:

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.

Specialized Experience:

To qualify based on your experience, your resume must describe at least one year of experience which prepared you to do the work in this job. Specialized experience is defined as: Applying advanced

electrical engineering principles to developing design plans and specifications, AR-analysis, studies, investigations, and modifications of electrical features for various civil works projects including navigation locks and dams and flood control reservoirs. This definition of specialized experience is typical of work performed at the next lower grade/level position in the federal service (GS-11).

You will be evaluated on the basis of your level of competency (knowledge, skills, abilities) in the following areas:

- Knowledge of Electrical Engineering and Design
- Ability to Conduct Field Investigations
- Ability to lead an Engineering Team
- Written Communication

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 (GS-11) (or equivalent).

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.

Only degrees from an accredited college or university recognized by the Department of Education are acceptable to meet positive education requirements or to substitute education for experience. For additional information, please go to the Office of Personnel Management (OPM) and U.S. Department of Education websites at - <http://www.opm.gov/qualifications> and <http://www.ed.gov/admins/finaid/accred/index.html>

Foreign education must be evaluated for U.S. equivalency in order to be considered for this position. Please include this information in your resume.

Other Requirements: Click [here](#) for expanded definitions.

- 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.
- One year trial/probationary period may be required.

- Direct Deposit of Pay is Required.
- Subject to background/suitability investigation
- Must obtain and maintain a valid State's Driver's License
- "Permanent Change of Station (PCS) allowances may be authorized, subject to the provisions of the Joint Travel Regulations and an agency determination that a PCS move is in the Government Interest."

HOW YOU WILL BE EVALUATED:

Your [application package](#) (resume, supporting documents, and responses to the questionnaire) will be used to determine your eligibility, qualifications, and quality ranking for this position. Please follow all instructions carefully. Errors or omissions may affect your rating or consideration for employment.

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. See [Interagency Career Transition Assistance Program \(ICTAP\)](#). for more information. Additional information about the program is on [OPM's Career Transition Resources website](#).

BENEFITS:

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The Department of Defense offers an excellent benefits program. In addition to your take-home pay, your comprehensive compensation/benefits package will include most of the benefits described in [the USAJOBS Resource Center](#).

OTHER INFORMATION:

- Selection is subject to restrictions resulting from Department of Defense referral system for displaced employees.
- If you have retired from federal service and you are interested in employment as a reemployed annuitant, see the information in the [Reemployed Annuitant](#) information sheet.
- Applicants must comply with the Exceptional Family Member Program requirements as outlined in the [DoD Instruction 1315.19](#).

- U.S. citizens overseas under ordinarily resident status are not eligible for appointment under the Status of Forces Agreement.
- Locality pay does not apply in the overseas area.
- On this overseas accompanied tour, medical and DoDDS special education services may not be available in the immediate location of this position.
- In the overseas areas, access for civilian employees and their families to military medical and dental treatment facilities is on a space-available and reimbursable basis only. Medical care may be provided by host nation providers. The availability and level of care at host nation medical facilities will vary by location. Movement overseas may require you to initiate a change in your health benefits plan to ensure coverage.
- Pay retention may be offered to successful applicants for positions at overseas locations. For this provision to apply to employees already overseas, the selected individual would have to require a permanent change of station move and would have to be selected as a result of a recruitment effort that had been extended outside of the overseas command involved.
- For positions in a foreign country, that country's laws or international agreements may have a direct impact on the ability of an employee's same sex domestic partner or spouse to accompany the employee and receive certain benefits. If you believe you may be affected by these laws and agreements, you should [familiarize yourself with relevant information](#) before applying for or accepting this position.

HOW TO APPLY:

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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 Thursday, June 25, 2015 to receive consideration.

- To begin, click Apply Online to create a USAJOBS account or log in to your existing account. Follow the prompts to select your USAJOBS resume and/or other supporting documents and complete the occupational questionnaire.
- Click the Submit My Answers button to submit your application package.
- It is your responsibility to ensure your responses and appropriate documentation is submitted prior to the closing date.
- To verify your application is complete, log into [your USAJOBS account](#), select the Application Status link and then select the more information link for this position. The

Details page will display the status of your application, the documentation received and processed, and any correspondence the agency has sent related to this application. Your uploaded documents may take several hours to clear the virus scan process.

- To return to an incomplete application, log into [your USAJOBS account](#) and click Update Application in the vacancy announcement. **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 information entered, uploaded, or faxed (i.e., resume) is complete, accurate, and submitted by the closing date. Uploaded documents may take up to one hour to clear the virus scan. Faxed documents must be completely transmitted by 11:59p.m. Eastern Standard Time on the closing date of the announcement.
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The Department of the Army provides reasonable accommodations to applicants with disabilities. If you need a reasonable accommodation for any part of the application and hiring process, please notify the servicing civilian personnel unit. Your requests for reasonable accommodation will be addressed on a case-by-case basis.

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 \(Outside the Continental United States\)](#) and [Proof of Eligibility](#).

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.**

Your resume:

- Your resume may be submitted in any format.

- If you submit more than one copy of your resume, only the most recent version will be reviewed. The latest timestamp will be used to determine which version of your resume is "most recent." It is your responsibility to check the status and timestamp of all documents you submit as part of your application.
- 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.

If you are relying on your education to meet qualification requirements: You MUST submit a copy of your transcript if you want to substitute your education for experience. If you claim qualifications based on education, and do not submit a transcript, your education will not be used in making a qualification determination and you may be found "not qualified." See: [Transcripts and Licenses](#)

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](#)" 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.

If you are unable to apply online or unable to upload your supporting documents follow the directions located at: [Faxing Applications and Documents](#) The Vacancy ID is 1426869. You will need the questionnaire, [View Occupational Questionnaire](#), to complete your faxed application.

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.

AGENCY CONTACT INFO:

Tammy D. Briggs

Phone: (502)315-6585

Email: TAMMY.D.BRIGGS@USACE.ARMY.MIL

Agency Information:

DA SWR USACE LRD

PO Box 59

Louisville, KY

40201

WHAT TO EXPECT NEXT:

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. The documents you submit must support your responses to the online questionnaire. If your application contradicts or does not support your questionnaire responses, you will receive a rating of "not qualified" or "incomplete application" and you will not receive further consideration for this job.

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Control Number:

406548300

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