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AFGHANISTAN

Solicitation is open to: Afghan Nationals Only
Position Title: Civil Engineer (Vertical Structures)
Type of vacancy: Single
Opening date: November 23, 2014
Closing date: December 04, 2014
Vacancy announcement #: USAID/306/15/06/OEGI
Work hours: 40 hours (Full time)
Position Grade: FSN-11

The United States Agency for International Development (USAID) in Afghanistan is inviting applications from Afghan Nationals for the position of **Engineer (Vertical Structures)** in the Office of Economic Growth and Infrastructure (OEGI).

BASIC FUNCTION OF THE POSITION:

The Engineer (Civil-Vertical Structures) will be based in OEGI USAID/Afghanistan and performs regular field trips to the relevant provinces in the region. As the Engineer, the incumbent must have sound professional knowledge of engineering and construction operations capable of participating in the planning, design and execution of new construction, renovation and improvement projects, providing engineering expertise and guidance, analyzing contract plans and specifications to identify problem areas or potential problems with planned construction and activities, and making recommendations to resolve problems. In addition, the incumbent serves as the Quality Assurance Representative performing contract administrative functions with responsibility for the quality assurance and inspection of construction projects for compliance with plans, specifications, acceptability of materials, methods and workmanship, and required safety and labor law regulations. Projects may include, but are not limited to general vertical construction of schools, college and university facilities, dormitories, health clinics, hospitals, administrative buildings, flood control structures and agricultural support facilities. The Engineer (Civil- Vertical Structures) will be housed in OEGI supporting the Vertical Structures programs.

MAJOR DUTIES AND RESPONSIBILITIES

Interprets contract plans and specifications to determine whether construction meets contract requirements and confers with the head of the Vertical Structures team to resolve differences of interpretation; monitors and/or manages substantial new construction, renovation and improvement projects utilizing a professional knowledge of civil engineering; conducts routine field investigations to determine the adequacy of construction and compliance with contract plans and specifications; reviews general requirements for architectural, electrical, mechanical, structural, and site work and assures compliance with regards to cost limitations and the feasibility of time limitations and construction methods and materials.

Incumbent conducts pre-construction conferences which include an overview of the entire contract including various technical matters associated with construction, safety, and security matters; assures compliance with all environmental, safety and labor laws/standards; conducts routine meetings with the contractor to review the status of the project and address any technical matters; reviews and recommends approval or disapproval of technical data submitted by the contractor, assuring compliance with contract plans and specifications; reviews field

construction from a technical engineering aspect, including the following: structural steel, reinforced concrete, wood frames, masonry structures, utility distribution systems, pumping stations, refrigeration, air-conditioning and heating, pile driving, roofing, windows, finish systems, electrical systems, plumbing, stud work, doors, waste treatment systems, fuel tanks, etc.; initiates corrective action with the contractor to bring the construction quality into compliance with the plans and specifications; monitors daily on-site activities and determines the sufficiency of completed work by craftsmen and tradesmen; and prepares proposed orders and supplemental agreements.

Incumbent initiates field testing of contractor's materials and prepares the record documentation of testing results; maintains accurate and complete job files including as-built drawings and specifications; reviews contractor's submissions and materials costs and recommends approval or disapproval; inputs daily progress data into developed computer management programs and updates Critical Path Method (CPM) systems to monitor project progress; plans and coordinates disruptions to utility serves, as needed, with the contractor, senior engineer, local officials, and utility representatives to keep construction progress on scheduled timeline and minimize disruptions that may impact ongoing facility functions; documents daily environmental conditions that may impact safety or cause progress delays, i.e., weather conditions, delivery of supplies and equipment, delays in testing results, etc.; prepares punch lists, forecasts, and estimates of man-hour and material needs to correct workmanship deficiencies prior to final certification of work; reviews contractor logs to validate the number of laborers and hours worked and reconciles omissions and deficiencies; maintains inventory of materials, supplies and equipment and monitors the quantity of material use; and performs and coordinates soil investigations, engineering field surveys, and gathers pertinent field data necessary for design of soil and water conservation practices including pollution abatement systems.

Additional Duties:

The incumbent ensures all construction activities are performed in accordance with the stated scope of work, and confers with the Head of Vertical Structures for approval of any and all changes to contract designs, specifications, and scopes of work.

QUALIFICATIONS/EVALUATION CRITERIA:

Education: The incumbent must have completed a Bachelor's degree in engineering (mechanical, electrical, energy, and/or civil construction) from an accredited engineering institution. Additional post-graduate engineering education is desirable.

Prior Work Experience: The incumbent must possess at least 5 years of relevant and progressive work experience in engineering design, construction management and quality control. Construction experience with the International Building Code is desirable.

Language Proficiency: Level (IV) Fluent speaking/reading and writing of English language and Level IV (Fluent) speaking/reading of Dari and Pashto is also required.

Knowledge, Skills and Abilities: Incumbent must possess a working knowledge of word processing, spread sheets, computerized CAD applications, blueprints, and field testing methods, i.e. concrete slump, soil compaction and moisture content, etc.

HOW TO APPLY

Applicants are requested to submit a complete application package which must include all required documents to AfghanUSAIDjobs@state.gov with a **Subject line: Engineer (Civil-Vertical Structures) (OEG1506)**

ANY/ALL application submissions after the closing date of December 04, 2014 will not be considered.

REQUIRED DOCUMENTS:

1. Cover memo/email outlining your qualifications and experience against the selection criteria.
2. Application for Employment (AE) as a Locally Employed Staff (DS-174)
http://kabul.usembassy.gov/job_opportunities2.html
<http://www.state.gov/documents/organization/136408.pdf> and/or
3. A current resume or a curriculum vita that provides the same information found on the DS-174 form.

(We understand that not all applicants are able to download the application from the internet. Please state this in your cover memo/email if this is the case. For candidates who are short listed, a DS 174 will be required in order to advance in the process.)

Note:

- Ø Only short-listed candidates will be notified.
- Ø Applications with insufficient information to make a determination will not be considered.
- Ø No in-person appointments or telephone calls will be entertained.
- Ø **Female applicants are strongly encouraged to apply.**

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