Beale Air Force Base
http://www.beale.af.mil/

POSITION TITLE: Mechanical Engineer

POSITION LOCATION: Beale AFB, CA

POSITION DESCRIPTION:
Beal Air Force Base is seeking a Mechanical Engineer within the 9th Civil Engineer Squadron’s Engineering Flight. This is a Project Management position. Duties include, but are not limited to:

- Performing design work for new construction, renovations, and improvements to real property facilities, including utility systems, utilizing a professional knowledge of mechanical engineering
- Performing design work of a conventional nature without technical instruction or guidance and identifying limits of the problems involved; design projects are related to a wide variety of mechanical systems such as heating, ventilation, and air conditioning (HVAC); water and sewage (plumbing); fire suppression, control and alarm systems; etc. which interface with other engineering specializations and are typically large or complex
- Providing technical review of A&E design calculations, cost estimates, analyses, drawings, and specifications to ensure compliance with project requirements
- Monitoring/managing construction projects for new construction, renovations, and improvements to real property facilities from start to finish including the performance of preconstruction site surveys all the way to completion of as-built drawings
- Performing requirements programming in support of base development for O&M, military construction programs (MCP), non-appropriated fund (NAF), military family housing (MFH), etc. to include validating requirements, performing economic analyses, and coordinating with the installation facilities board

MINIMUM QUALIFICATIONS:

- United States citizenship required
- Must be registered for Selective Service
- Professional engineering degree at a school of engineering with at least one curriculum accredited by the Accreditation Board for Engineering and Technology (ABET) as a professional engineering curriculum OR a combination of education and experience (i.e. college-level education, training, and/or technical experience that furnished a thorough knowledge of the physical and mathematical sciences underlying professional engineering and a good understanding, both of theoretical and practical, of the engineering sciences and techniques and their applications to one of the branches of engineering
- One year of experience equivalent to the GS-09 grade level which has equipped the applicant with the particular knowledge, skills, and abilities to perform successfully the duties of the position OR three full years of progressively high level graduate education in a field related to the position being filled or Ph.D. or equivalent doctoral degree, if related
- Must be able to obtain and maintain a secret security clearance
- Knowledge of mechanical engineering concepts, principles, practices, and familiarity with other engineering disciplines and architecture
Knowledge of automated data processing concepts, systems capabilities, and economic usage to effectively accomplish assigned functions

Knowledge of engineering and construction standards, methods, practices and techniques, materials, and equipment to determine compliance with federal, state, and local codes and regulations

Ability to analyze, interpret, and apply rules, regulations, and procedures in a variety of situations and recommend timely and economical solutions

Ability to communicate effectively both orally and in writing and maintain good working relations

Work may occasionally require travel away from the normal duty station on military or commercial aircraft

Work may require the employee to drive a motor vehicle; appropriate, valid driver’s license may be required for position

**HOW TO APPLY:**
Interested applicants should complete the Application Package and must submit it by 11:59 PM (ET) on December 1, 2017. Required documents to be included are the online application, your resume, transcripts from the universities or colleges you attended, and veterans’ preference (copy of DD Form 214). Additional information for the application process can be found at [https://www.usajobs.gov/GetJob/ViewDetails/484807200](https://www.usajobs.gov/GetJob/ViewDetails/484807200).