

## Project Engineer (GS7/9/11)

### POSITION DUTIES:

**MAJOR DUTIES:** The duties of this position are developmental in nature, leading to the full performance level of a GS-11. The incumbent may be non-competitively promoted to the next level (GS-09) of the position upon: meeting all regulatory requirements; certification by the supervisor of successful performance; completion of all training requirements; and the availability of work at the next higher grade level. Note: Promotion is not automatic.

Serves in a developmental capacity as a project engineer assigned to a Construction Office with a concentration in architectural, civil, mechanical, or electrical engineering responsible for jobsite management of safety, quality and production of fiscally complicated and technically diverse projects for civil, military and environmental customers. The incumbent performs a full range of engineering, construction and services functions associated with multiple assignment projects. Examples of work involved includes soils mechanics, hydraulics, theory of structures, strength of materials, engineering geology and surveying together with practical knowledge of construction methods and techniques in accomplishing assignments. Assigned projects vary in type and size but can be characterized by Military Construction (MILCON) or Hazardous, Toxic and Radiological Waste (HTRW) considerations (e.g., soil contamination, removal of underground storage tanks with unknown contents, asbestos removal with concurrent operation, waste fuel disposal); military systems; accelerated schedules; disaster response; the need for new and specialized equipment, materials and methods; considerable site layout and foundation preparation problems, to include unforeseen site conditions and limited accessibility; and/or military end-users and stakeholders, local government officials, state and local environmental agencies, and private landowners. Oversees job order call orders from design development to inspection and approval. Exercises knowledge of the theories, concepts, and principles of the mechanical, electrical, and civil engineering and architecture fields. Assignments are designed to expand and foster the incumbent's knowledge, skill and experience leading to more complex work commensurate with the next higher grade level.

1. Participates in the performing of Contracting Officer Representative functions. Maintains surveillance of the contractor's operations to ensure work conforms to contract specifications. Reviews contractor records and test results for completeness and accuracy. Assists in the coordination of construction activities with user, various contractors, state and federal agencies, local municipalities, railroad and utility companies, etc. to avoid interruption of their work. Maintains liaison with using organization and contractor. Recommends release and payment of funds to the contractor when work is complete. 50%

2. Performs work assignments of limited scope and difficulty designed to provide advanced practical application and experience of theories and principles in the engineering field of specialization. Assists higher level professional personnel by carrying out complete projects of limited scope or narrow aspects of broader projects. Typical work assignments involve matters such as: developing standard detail design for parts, equipment, or portions of structures; conducting standard tests of material and equipment searching reference material to collect information and data for projects assigned to higher level personnel; performing standard examination of substances to determine identity and composition; performing analyses, computations and calculations of a variety of data; and work of a similar degree of difficulty. 50%

Performs other duties as assigned.