



ENGINEER IV, CIVIL

Characteristics of Work

This is professional engineering and administrative work involving the implementation of federal and statewide programs for the construction and maintenance of structures and facilities such as buildings, dams, water parks, recreational facilities and industrial development projects. Incumbent serves as director of a division within the agency. The work includes training subordinate personnel; making final technical decisions in engineering matters within the scope of the policy of the agency in which employed; directing the preparation of designs and specifications; and compiling fiscal reports on construction projects. The work is performed in accordance with modern principles and techniques of engineering and entails responsibility for making decisions on technical engineering problems within the scope of policies, standards and specifications established by the administrative head of the agency and the federal government. Supervision is exercised over professional engineering personnel. The work is performed under the general direction of the agency appointing authority.

Examples of Work

The following are examples of work performed for positions in this job class, and are not intended to reflect the essential functions of any one position. The essential functions of each individual position are determined and maintained by each individual agency.

Directs or consults in the preparation of designs, plans and specifications for major maintenance and construction work.

Trains subordinate engineers and/or clerical personnel; assigns and reviews work of subordinate personnel.

Assesses economic feasibility of proposed construction projects.

Directs activities of engineers engaged in preparing designs and plans to construct, enlarge and modify facilities.

Analyzes and compiles data received from engineers to prepare budget estimates.

Reviews plans and specifications submitted by engineering consultants and contractors for the construction of facilities.

Attends opening of bids and recommends award of contracts.

Provides technical assistance to local government officials, consulting engineers, and developers.

Determines if structures are constructed and maintained in compliance with state laws and regulations, engineering manuals, and state building codes and ordinances.

Surveys and inspects existing facilities concerning maintenance problems and expansion plans; makes recommendations for repairs and alterations to existing or new facilities; estimates cost of proposed work.

Related or similar duties are performed as required or assigned.

Minimum Requirements

Possession of a certificate of registration as a Professional Engineer from the Mississippi State Board of Registration for Professional Engineers, and three (3) years of work experience in engineering as a Registered Professional Engineer.

Required Document: Applicant must attach a valid copy of his/her registration as a Professional Engineer from the Mississippi State Board of Registration for Professional Engineers.