



ENGINEER, MECHANICAL

CHARACTERISTICS OF WORK:

This is professional engineering and administrative work involving the implementation of federal and statewide programs for the construction, repair, and maintenance of structures and facilities such as buildings, prisons, educational institutions, and industrial development projects. The work includes supervision of contractual architects and engineers on the mechanical phases of construction projects; making final technical decisions in engineering matters within the scope of policies, standards, and specifications established by agency and state laws. The work is performed under the general direction of the Director of office 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.

MINIMUM QUALIFICATIONS:

EXPERIENCE/EDUCATIONAL REQUIREMENTS:

Education:

Possession of a certificate of registration as a Professional Engineer from the Mississippi State Board of Registration for Professional Engineers;

AND

Experience:

Three (3) years of experience in mechanical engineering as a Registered Professional Engineer.

Required Document:

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

EXAMPLES OF WORK:

Examples of work performed in this classification include, but are not limited to, the following:

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

Trains subordinate staff and/or clerical personnel.

Assigns and reviews work of contractual consultants/professionals.

Assesses economic feasibility of proposed construction projects.

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

Analyzes and compiles data received from architects/engineers to prepare budget estimate.

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

Attends opening of bids and recommends award of contracts.

Provides technical assistance to local government officials, professional consultants and contractors.

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 costs of proposed work.

Verifies adherence to proper design and construction processes by professional consultant and contractor.

Performs related or similar duties as required or assigned.

INTERVIEW REQUIREMENTS:

Any candidate who is called to an agency for an interview must notify the interviewing agency in writing of any reasonable accommodation needed prior to the date of the interview.