JOB DESCRIPTION

Utility Engineer - Power Plant

Definition of Class
Incumbent is responsible for providing administrative and professional electrical engineering services and direction required for the operation, maintenance, renovation, and expansion of all University electrical systems.

Examples of Work Performed
Provides estimates and develops plans and specifications as necessary for electrical renovation and construction projects.

Reviews electrical plans and specifications on all new construction and renovation projects designed by outside consultants.

Prepares reports, forecasts, and analyses on assigned projects.

Ensures that all electrical power installations on campus conform to applicable federal, state, and local regulations and codes.

Operates and maintains the following electrical utility systems: primary power substations and distribution systems, campus clock and bell system, street lighting, and other outdoor lighting systems.

Operates and maintains all building and facility electrical systems including lighting, power distribution, fire alarm, and emergency power.

Schedules and coordinates a comprehensive program of preventive maintenance for all electrical systems.

Responds to emergency calls and assists as necessary in making repairs to electrical systems.

Performs similar or related duties as assigned or required.

Essential Functions
These essential functions include, but are not limited to, the following. Additional essential functions may be identified and included by the hiring Department.

1. Provides administrative and professional electrical engineering services required for the operation, maintenance, and expansion of all University electrical systems.

2. Provides estimates and develops plans and specifications as necessary for electrical renovation and construction projects.

3. Reviews electrical plans and specifications on all new construction and renovation projects designed by outside consultants.

4. Prepares reports, forecasts and analyses on assigned projects, usage of power, and conservation of energy.

5. Ensures that all electrical power installations on campus conform to applicable federal, state, and local regulations and codes.

Minimum Qualifications
These minimum qualifications have been agreed upon by Subject Matter Experts (SMEs) in this job class and are based upon a
job analysis and the essential functions. However, if a candidate believes he/she is qualified for the job although he/she does not have the minimum qualifications set forth below, he/she may request special consideration through substitution of related education and experience, demonstrating the ability to perform the essential functions of the position. Any request to substitute related education or experience for minimum qualifications must be addressed to The University of Mississippi's Department of Human Resources in writing, identifying the related education and experience which demonstrates the candidate's ability to perform all essential functions of the position.

**Physical Requirements:** These physical requirements are not exhaustive, and additional job related physical requirements may be added to these by individual agencies on an as needed basis. Corrective devices may be used to meet physical requirements.

- **Physical Exertion:** The incumbent may be required to lift up to approximately 20 pounds.

- **Vision:** Requirements of this job include close vision.

- **Speaking/Hearing:** Ability to give and receive information through speaking and listening.

- **Motor Coordination:** While performing the duties of this job, the incumbent is periodically required to sit; and talk and hear. The incumbent is occasionally required to stand; walk; reach with hands and arms; and stoop, kneel, crouch or bend.

**Experience/Educational Requirements:**

- **Education:** Bachelor’s Degree from an accredited four-year college or university in Electrical Engineering.

  AND

- **Experience:** Six (6) years of experience related to the above described duties.

**Interview Requirements**

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

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