

GREATER NEW ORLEANS EXPRESSWAY COMMISSION

JOB DESCRIPTION

MAINTENANCE WORKER - ELECTRICAL

SUMMARY:

The Electrical Maintenance Worker is responsible for performing a variety of tasks required in the electrical operations of the Greater New Orleans Expressway Commission (“GNOEC”) bridge facility.

ESSENTIAL DUTIES AND RESPONSIBILITIES:

- Install and maintain F2 radios, arrowsticks, lightbars, public address systems, and strobe lights on all maintenance and motorist assistance patrol trucks
- Maintain electrical systems at the North and South plazas and the Maintenance facility.
- Maintain and oversee Toll Lane System at the North Toll Plaza
- Provide troubleshooting of any electrical problems.
- Maintain equipment in all police units
- Upkeep traffic lights at six North Shore intersections
- Preserve all street lighting from Florida Street to the North Toll Plaza.
- Maintain and oversee 8 generators
- Maintain all bridge lighting in the crossovers, old nine-mile turnaround and the sixteen-mile hump on the Causeway bridge
- Keep up all navigational lights at 4, 8, 16 and 20 mile humps
- Maintain lights at 8 and 16 mile humps of fender system
- Maintain a total of 11 electric gates at the North Toll Plaza and the drawbridge
- Performs all electrical maintenance at the drawbridge
- Maintain all lighting in high voltage buildings A through T
- Maintain all street lights and roadway lights at North and South Plaza
- Ensure lights on spare slabs at North Plaza and at the mouth of the Tchefuncte River are in proper working order
- Check and change air filters at North Plaza and Maintenance facility

EDUCATION AND EXPERIENCE

High School Diploma/G.E.D. and basic experience in electrical wiring, equipment, and fixtures including low voltage/technician wiring systems, 480-to-12-volt electrical systems, and UHF/VHF/700 radio communication systems.

KNOWLEDGE, SKILLS AND ABILITIES:

Language Skills

Ability to read and write routine reports and correspondence that conform to the GNOEC’s prescribed style and format.

Mathematical Skills

Ability to work with mathematical concepts normal and usual to general business applications. Ability to apply concepts such as fractions, rates, ratios, proportions, percentages and basic algebra.

Computer Skills

Ability to operate personal computers with an average level of proficiency.

Reasoning Skills

Ability to read, analyze and interpret a variety of reports and/or instructions with multiple abstract and concrete variables furnished in written, oral, or diagram form such as policy and procedure manuals, safety rules, and operation manuals. Ability to diagnose and resolve multiple problems concurrently as they arise, collect data, establish facts, and draw valid conclusions.

Physical Skills

To successfully perform the essential functions of this job, the following physical demands are representative of those that must be met. The employee is regularly required to stand; walk; use hands to finger, handle, push and/or pull objects, tools or controls; reach with hands and arms; climb and balance; stoop, kneel, crouch and crawl; use tools or equipment requiring a high level of dexterity; and lift, carry and/or move objects weighing up to 25 pounds. The employee is regularly required to operate a vehicle and communicate via radios. The employee is occasionally required to lift and/or move objects weighing 50 to 100 pounds. The employee must have the ability to speak or hear, and taste or smell; to observe objects peripherally and at close and far distances; to detect color and depth; to adjust focus; to be alert at all times; and to perform operations using units of weight measurement, volume and distance.

Other Skills and Abilities

Ability to work independently with minimal supervision. Ability to work effectively under stressful and hazardous conditions and to respond quickly in an emergency. Ability to deal with the public and co-workers in a courteous and tactful manner; to establish and maintain effective working relationships with others; and to communicate effectively. Ability to organize and maintain accurate records.

SPECIAL REQUIREMENTS:

The employee is a Causeway First Responder. The employee is required to monitor the Causeway radio and be available for 24 hour call, 7 days a week to handle any problems that may arise due to bridge closings, accidents, equipment failures, fog, hurricanes and other weather related issues or equipment failures. The employee is issued a company cell phone for work use only and must respond to calls or emergency messages. The employee must have the ability to complete a training regimen in the operation of specially outfitted GNOEC vehicles equipped with lights, radios, fire extinguishers, life rings, rope ladders, first aid kits, specialized tools, rescue and special equipment to assist motorist, provide safe travel across the Causeway and Huey P. Long bridges and reduce response time in reaching a motorist in distress.

The employee must be willing to work weekends, holidays, and hours other than on regular shifts and in all types of weather. The employee must have the ability to attain certification and annual re-certification in CPR, AED, first aid, and water rescue training. The employee must have the ability to complete an initial on-the-job training program and six-month probationary period; and to pass a pre-employment physical, drug screen and background check. The employee must possess a valid Louisiana State driver's license and be able to operate a variety of vehicles, such as an automobile, truck, etc.

WORKING CONDITIONS:

The noise level in the work environment is usually loud. While performing the duties of this job, work is performed for sustained periods outdoors in conditions that may include extreme temperatures, heavy rain or humidity, fog or other catastrophic weather. Work exposes employee to hazardous chemicals and frequently to possible bodily injury from moving vehicles, electrical and mechanical parts of equipment, tools or machinery. Work exposes employee to conditions such as fumes, noxious odors, dusts, mists and gases. Work may require use of protective devices, such as gloves or goggles.

This description lists the major duties and requirements of the job and is not all-inclusive. Employee may be expected to perform job-related duties other than those contained in this document.

Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.