

City of Mascoutah

JOB DESCRIPTION

Title: Electric Department Lineman
Department: Public Works Electric Department
Reports to: Electric Department Supervisor and the Public Works Director
Status: Full-Time
Supervision Duties: N/A

QUALIFICATIONS:

- Understanding and experience with light, medium and heavy equipment, related tools, electric utility repair techniques and electric utility repair materials.
- Knowledge of OSHA safety principles and practices.
- Knowledge of tools, materials, methods and procedures used in maintenance, repair and construction of electric utility systems.
- Knowledge of municipal electric power high voltage and distribution systems.
- Knowledge of National Electric Codes and other regulatory standards.
- Ability to work in a team environment.
- Basic electrical and wiring skills.
- Ability to follow work orders with no supervision.
- Ability to follow oral and written instructions.
- Ability to communicate in oral and written form.

EDUCATION AND EXPERIENCE:

- High school diploma or equivalent.

RESPONSIBILITIES AND DUTIES (other duties may be assigned):

- Performs regular inspections of vehicles and equipment and notes needed repairs, either accomplishing repair or seeing to it that repairs are made in a timely manner.
- Inspects distribution system and right-of-ways periodically and notifies his immediate supervisor of needed repairs and maintenance; responds to emergency electric system and other hazard conditions.
- Must be able to operate digger/bucket truck, trenching machine, fork truck, volt meter, transformer tester, locate machine, hydraulic hand tools, chain saw, fault indicator, fault/radar unit, power quality recorder and other equipment as related to the position.
- Prepares and sets traffic warning signs around work site to redirect traffic; may direct traffic during repairs.
- Installs, repairs, replaces old or damaged utility poles, transformers and lines.
- Knowledge and ability to operate computer programs and equipment (SCADA).
- Help out different departments when directed.
- Maintain the electric system distribution lines.
- Read maps and blueprints.

- Perform electric service turn on's and shut offs.
- Disconnect electric service for non-payment of utility bill.
- Repair any electrical problems with city owned buildings.
- Install electric services to new customers.
- Troubleshoot electrical problems.
- Trim trees away from power lines.
- Cut trees down for the City when they are classified as dangerous to the public.
- Locate electric lines for JULIE requests.
- Repair electrical grid after storm damage.

ADDITIONAL DESIRED SKILLS:

- Perform all kinds of fiber terminations including but not limited to fusion splices and mechanical connections.
- Install fiber service drops.
- Perform cable and splice preparations in accordance with manufacturer's recommendations and industry standard practices.
- Use of fiber prep and termination tools.
- Operate fiber test equipment and interpret the validity of the readings.
- Provide training on fiber skills when necessary to co-works.

CERTIFICATES, LICENSES, REGISTRATIONS:

- Commercial Drivers Licenses
- Successful completion of formal electric lineman training programs (Hotline, underground school, etc.)
- CPR and First Aid Certification

PHYSICAL DEMANDS:

- Must to be able to drive vehicles on a daily basis.
- Ability to operate light to heavy equipment and tools.
- Requires prolonged walking, balancing and feeling; occasional climbing, standing, sitting, kneeling, stooping and crouching, pushing and grasping in the performance of daily activities.
- Ability of perform work from ladder.
- Requires extreme levels of concentration of attention.
- Requires visual and hearing interpretation.
- Must to be able to handle over 60 pounds of material occasionally, up to 60 pounds of material continuously, and up to 5 pounds frequently.
- Must be able to move material by hand continuously, by truck frequently, and by light and heavy equipment occasionally.
- Must be able to climb utility poles and perform related tasks.
- Must to be able to lift 50 pounds from the floor to chest high.

WORK ENVIRONMENT:

- Ability to perform indoor and outdoor duties.
- Hazards include proximity to moving mechanical parts, vibration, electrical current, working on scaffolding and high places, high noise levels, exposure to high heat, extreme cold and exposure to chemicals.
- May be subjected to conditions including fumes, odors, dust, gases, oils or poor ventilation. Worker may be required to wear a respirator occasionally.
- Requires daily local travel.
- Ability to perform job duties and responsibilities during emergency stressful situations and under extreme weather conditions.

This job description purpose is to indicate the types of tasks and difficulty levels needed for this position. It is not intended to state specific duties and responsibilities or to limit the control of a supervisor to assist, direct or assign work of employees under their supervision. This document will not exclude other duties not stated herein.