

---

# Street Lighting Technician(Job Id 1490)

**Location:** US:KS:Overland Park

**Category:** Public Works

**Employment Type:** Employee

**Post Date:** 04/22/2026

**Salary:** Negotiable USD

## Description

The City of Overland Park has a full-time **Street Lighting Technician** position available in the Public Works Department.

### SUMMARY:

Performs field and shop maintenance on City owned street lights and related equipment. Performs maintenance activities to include; troubleshooting failures, replacing parts, repairing components and/or replacing light systems. Utilizes various specialized vehicles, equipment, and tools. Assists in the maintenance of electronic traffic signals. Participates in emergency operations, including snow removal, as required.

### DUTIES AND RESPONSIBILITIES:

- Maintains City owned street lights by performing routine maintenance and repair work. Diagnoses system failures using electrical testing equipment.
- Performs minor maintenance and repair on signalized intersections (no-controller problems; assists with construction of new signals and modification of existing installations. Upgrades indications (LED) and control buttons (ADA) to comply with new Federal standards.
- Reviews proposed plans for new street lighting from Public Works and Planning/Development within an assigned District. Makes suggestions on improved equipment and installation methods. Checks for omissions, improper lay out and inferior equipment.
- Assists street lighting inspector on inspection of installation of new street lighting installations. Visually inspect installation of cable, junction boxes, pipe and connections, poles. J-boxes, control centers, and wiring connections.
- Utilizes computers to enter and extract data from work management systems.
- Responds in support of citywide emergencies such as flood, storm, major traffic accidents, and snow removal operations. Operates a plow truck during snow operations, as assigned.
- Coordinates pole-knock-downs and cable cuts with team members to assure safe and expedient repairs within an assigned district. Performs routine maintenance and repair of poles, arms, heads, control cabinets, and electrical leads within an assigned district. Operates 55' bucket truck to repair 40' street lights. Troubleshoots and repairs underground wiring problems. Locates suspected wiring failures using electronic scan tools, excavates and makes needed repairs.
- The employee must work the days and hours necessary to perform all assigned responsibilities and tasks. Must be available (especially during regular business hours or shifts) to communicate with subordinates, supervisors, customers, vendors and any other persons or organization with whom interaction is required to accomplish work and employer goals.
- The employee must be punctual and timely in meeting all requirements of performance, including, but not limited to, attendance standards and work deadlines; beginning and ending assignments on time; and scheduled work breaks, where applicable.

### REQUIREMENTS:

#### EDUCATION &SPECIAL LICENSE(S)/CERTIFICATIONS:

- High school education with additional, formal courses in basic electrical wiring, electronics, operation and repair of electrical systems or a combination of formal education and experience.
- Associate's degree in Electricity/Electronics preferred.
- Possession of an appropriate, valid drivers license. Must have and maintain a Class A commercial driver's license with air brake and tanker endorsements within 12 months of hire. Must maintain an insurable driving record.
- Must have the following certifications within 12 months of employment with the City:
  - Certification in bucket truck and digger derrick operation.
  - International Municipal Signal Association (IMSA) Signs and Markings I.
  - IMSA Roadway Lighting.

### EXPERIENCE:

- Two years experience in electrical repair of street lights or an equivalent level of experience.

### SKILLS:

- Attention to details.
- Basic math skills.
- Computer software skills in applications such as GBA and Light Finder.
- Working knowledge of public section administration.
- Time management skills.
- Manual dexterity.
- Reading skills.
- Good listening skills.
- Good written and oral communication skills.

MENTAL REQUIREMENTS:

- Ability to read and comprehend city codes and standards.
- Ability to read and understand building plans and specifications.
- Ability to carry out assignments through written and oral instructions.
- Ability to assess situations and use judgement in responding.
- Ability to work under distracting conditions.
- Ability to prioritize work.
- Ability to breakdown complex issues or procedures to individual steps.
- Mechanical aptitude.
- Ability to analyze safety situations.
- Concentration.
- Alpha/numeric recognition.
- Ability to meet deadlines.
- Ability to learn and understand PC software applications.

PHYSICAL REQUIREMENTS:

- Ability to make and receive phone calls.
- Ability to enter and exit truck lift boxes.
- Ability to work in a confined area.
- Ability to work at heights up to 50 feet.
- Hand and eye coordination adequate to input computer.
- Exposure to extreme environmental conditions.
- Exposure to vehicle noise and fumes.
- Exposure to high voltage.
- Exposure to vibrations.
- Excessive standing and walking.
- Ability to operate power and/or hand tools, and heavy power equipment.
- Ability to drive a City vehicle.
- Ability to identify and distinguish colors.
- Ability to distinguish smells.

SEE ESSENTIAL FUNCTIONS ATTACHED FOR ADDITIONAL PHYSICAL REQUIREMENTS.

SUPERVISORY RESPONSIBILITY (Direct &Indirect):

- None

The preceding job description has been designed to indicate the general nature and level of work performed by employees within this classification. It is not designed to contain or be interpreted as a comprehensive inventory of all duties, responsibilities, and qualifications required of employees assigned to this job.

No City residency requirement.

Must successfully pass a background check, drug screen, physical exam and essential functions test.

Normal Work Hours: 7:30 a.m.-4:00 p.m., Mon.-Fri.

Salary Range: Grade D \$26.04 - \$34.66

**continued...**

---

Application Deadline: Open until filled

Benefits: Full-time

All applicants must be legally eligible to work in the United States and proof of eligibility must be provided if selected for hire.

EO/M/F/D/V