



Position Vacancy

RFP #24-131-01

Position: Street Lights and Signals Electrician
Department: Public Works/Lights, Signals & Communication
Salary Range: PW-14 \$69,257 - \$84,849
Schedule: Monday – Friday 7:00 a.m. to 3:00 p.m.



- Position will remain open until filled.
- Framingham Public Works is located at 110 Western Avenue, Framingham.
- The City of Framingham offers a robust benefits package and is an eligible employer for the [Federal Student Aid Public Service Loan Forgiveness Program](#)
- We seek to hire a candidate who shares our commitment to Framingham and values civility, collegiality and working in a coordinated team environment to serve the City of Framingham.
- This position is covered by the Collective Bargaining Agreement between the City of Framingham and LIUNA, Local 1116 Union.

Position Purpose:

Under the direction of the Director of Lights & Signals Department or their designee, performs skilled electrical work in the installation, repair, and maintenance of electrical systems and equipment; performs a variety of electrical duties including repairing street lights, traffic signals, and pedestrian crossing systems. Performs a variety of tasks involved in the installation, maintenance, and repair of electrical systems of Public Works' and other municipal buildings and facilities. Responsible to make sure that all safety practices and measures, including but not limited to, work zone safety, and confined space entry are adhered to and that personal protective clothing and equipment is utilized. Coordinates work activities with other supervisors, departments, and contractors. Delegates and assigns work orders to appropriate personnel in accordance with schedules of programs; estimates personnel requirements. Due to the importance of emergency response during winter weather events, vacations are limited during this time.

Essential Functions:

The essential functions or duties listed below are intended only as illustrations of the various type of work that may be performed. The omission of specific statements of duties does not exclude them from the position if the work is similar, related, or a logical assignment to the position.

1. Perform a variety of tasks involved in maintaining, repairing, installing, and inspecting street lights and traffic signals including lamps and bulbs, signal and street light fixtures, controller cabinets and bases, fiber network, junction boxes and related wiring and circuitry.
2. Locate and mark out underground utilities including those for street light, traffic signals, and the fiber network.
3. Performs predictive, preventative, and corrective maintenance on equipment and structures.
4. Responds to knockdowns and/or malfunctions of street lights and traffic signals equipment.
5. Inspect intersection and pedestrian crossings for proper signal operations and operate specialized computer programs to make signal timing changes as directed.
6. Install or upgrade lighting and signal equipment; inspect and test equipment installed by contractors.
7. Oversees and works with contractors regarding electrical issues as necessary.

8. Operates an aerial bucket truck required in roadways, utility poles, buildings, water tanks, and in parking lots.
9. Performs daily vehicle condition inspections and reports as required by Department policy.
10. Maintains work area(s) in a clean and orderly manner.
11. Performs general labor duties incidental to assigned duties.
12. Prepares work orders documenting daily tasks performed.
13. Required to work both scheduled and unscheduled overtime as assigned or necessary.
14. Expected to serve in on-call rotation, currently every third week. Throughout on-call rotation, respond 24/7 to public safety emergencies in support of DPW, police and fire departments. On-call compensation is currently \$350/week for approximately 17 weeks/year.
15. Assists with other public works departments tasks such as snow plowing, snow removal, standby and emergency duties.
16. Other related duties as required.

Qualifications:

- Graduation from high school, vocational school course, or GED.
- Must possess a Massachusetts Class D license, CDL Class B preferred.
- Graduation from a recognized electrical apprenticeship program or school and additional 2 years journeyman level experience.
- Must possess a Massachusetts Class B Journeyman Electrician License; a Class A Master License is preferred.
- Satisfactory driving record.
- Satisfactory results of a pre-employment physical including substance screening.
- Working Knowledge of:
 - Principles, practices, and techniques of construction, repair, operation, and maintenance of electrical, electronic, and communications systems.
 - Tools and equipment required for the diagnosis, installation, and repair of electrical, electronic, and communication systems.
 - Applicable rules, regulations and codes relative to duties.
 - Rules, regulations and applicable laws relative to job related safety.
- The ability to:
 - Manage multiple projects, successfully scoping projects from start to completion. Ensure projects are delivered on time and within recommended budget.
 - Read and interpret engineering blueprints, drawings, electrical schematics, and specifications.
 - Recognize conditions requiring maintenance and repair, perform these repairs as necessary.
 - Frequently lift, move, push, pull and/or carry up to 45 lbs.
 - Occasionally lift, move, push, pull, and/or carry up to 100 lbs.
 - Work under varying weather conditions.
 - Pass a MA CORI/SORI background check every 2 years

An equivalent combination of education, training and experience which provides the required knowledge, skills and abilities to perform the essential functions of the job may be accepted.

Physical Demands:

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the position's essential functions.

Position requires frequently lifting, moving, pushing, pulling and/or carrying up to 45 lbs. Occasionally lifts, moves, pushes, pulls, and/or carries up to 100 lbs. Must be able to work under varying weather conditions.

Supervision Required:

Works under the general direction of the Director of Lights & Signals or their designee.

Supervisory Responsibility:

Supervises skilled and unskilled personnel performing a variety of tasks in connection with the installation, maintenance and repair of electrical utilities.

Work Environment:

The nature of duties may involve the presence of unpleasant or irritating elements, such as noise, odors, chemical fumes, dust, smoke, heat, cold, oil, dirt or grease. Work may be performed outdoors, regardless of weather conditions.

Performance Evaluations:

- Performance evaluations shall be performed annually by the Department Director or his/her designee. These evaluations shall be used to establish goals and objectives, measure progress and accountability, and to identify areas where an employee's performance may require improvement.
- A good performance evaluation shall be the minimum requirement in order to achieve an annual step increase in wage

The City of Framingham is committed to the ongoing pursuit of strategic diversity initiatives that help to position diversity, equity, and inclusion as central to municipality and community-wide excellence in the City of Framingham. In doing so, Framingham strives for a city culture and environment that fosters a true sense of belonging for all, provides opportunity for everyone to participate equally and fully in the city, their communities and neighborhoods in ways that helps to develop each individual's capacity to confidently and competently engage within and across difference. Given an evolving national context and the richness in the demographic and linguistic profile of our city, the City of Framingham has made a significant commitment to addressing and enhancing its community climate, culture and multiplicity of service capabilities as a city.

The City of Framingham is an Affirmative Action Equal Opportunity Employer.