

# MUNICIPAL SERVICES ELECTRICIAN

Recruitment #2002-1547.5-001

<b>List Type</b>	Original-Continuing
<b>Requesting Department</b>	DPW-INFRASTRUCTURE-ELECTRICAL
<b>Open Date</b>	2/5/2020 4:30:00 PM
<b>Filing Deadline</b>	Continuous
<b>HR Analyst</b>	Jeff Harvey

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## INTRODUCTION

Located on the western shore of Lake Michigan, Milwaukee is an urban hub bursting with energy. Milwaukee provides a casual sophistication – big city appeal without the big-city hassles. We are accessible and affordable, and our residents are welcoming. Milwaukee has evolved through the years, bringing together its unsurpassed old world charm with a breathtaking Art Museum, top-flight arts and cultural attractions, professional sports, lakefront festivals, recreational opportunities and great restaurants.

## PURPOSE

The Municipal Services Electrician inspects, installs, services, repairs and maintains electrical equipment for the City's street lighting, traffic control, water and sewer instrumentation, communication network systems, buildings, and facilities.

***NOTE:** The eligible list resulting from this examination may be used to fill Municipal Services Electrician positions within various City of Milwaukee departments, including the Department of Public Works, the Milwaukee Public Library and the Milwaukee Water Works*

## ESSENTIAL FUNCTIONS

- Inspect, install, service, repair, and/or maintain the following:
  - Overhead and underground wires, cables, transformers, switchgear and other accessories, underground conduits, manholes, and vaults.
  - Electronic/electrical and mechanical equipment and poles used to carry wires and cables.

- Computerized systems, monitoring/control systems, DC battery systems, high voltage systems (>7KV), variable speed drive equipment, HVAC systems, alarms, and various motor types.
- Cranes, telemetry, fiber optic and metallic cable, data-line telemetry, parking control, and other electric/electronic systems.
- Programmable logic controllers (PLCs) and all types of raceway systems.
- Drive or operate commercial and/or non-commercial vehicles as needed in assigned work unit.

*Reasonable accommodations requested by qualified individuals with disabilities will be made in accordance with the Americans with Disabilities Act (ADA) of 1990, as amended by the Americans with Disabilities Act Amendments Act (ADAAA) of 2008.*

## CONDITIONS OF EMPLOYMENT

- Municipal Services Electricians must be available for emergency call-in work. Evening, weekend, and holiday work may be assigned on a rotating schedule.
- Ability to see colors in order to use color-coded wiring systems (cannot be color-blind).
- Ability to work in confined underground spaces.
- Must be able to perform physical activities in the work environment that require agility, including ascending or descending ladders, stairs, scaffolding, ramps or poles; walking and standing, crawling, crouching, stooping, kneeling, reaching, balancing, pushing and pulling.
- Must be able to work at heights in excess of 100 feet.
- Must be able to perform heavy physical work, exerting up to 100 lbs. of force occasionally and lifting and moving objects weighing 50 lbs. frequently.
- Must be able to withstand prolonged exposure to variable and extreme weather conditions including rain, wind, excessive heat, intense cold and snow.

## MINIMUM REQUIREMENTS

1. Two years of experience installing, maintaining and repairing electrical services and equipment.
2. A Commercial Driver's License (CDL) A, B, and C covering general, air brakes, and combination sections within six months of appointment (contingent upon assigned work unit) and throughout employment.
3. Appointment to the Municipal Services Electrician positions within the Milwaukee Water Works requires residency within 15 miles of the jurisdictional boundaries of the City of

Milwaukee within six months of appointment pursuant to Rule III, Section 4(g) of the Rules of the City Service Commission. A map defining the jurisdictional boundary is located on the Fire and Police Commission website at: <http://city.milwaukee.gov/fpc/Residency-Map.htm#.WPTR5E11qAg>.

## DESIRABLE QUALIFICATIONS

- Successful completion of an electrical apprenticeship program.
- State certification as a Master or Journey-level Electrician.

## KNOWLEDGES, SKILLS, ABILITIES & OTHER CHARACTERISTICS

- Knowledge of electrical wiring, circuitry, and/or electronic components.
- Knowledge of National Electric Code (NEC).
- Practical knowledge of work involved in the installation, repair, and maintenance of the electrical systems as described in the essential functions above.
- Ability to read and interpret wiring diagrams, blueprints, and other electrical specifications.
- Ability to use hand tools and other mechanical equipment common to the electrical profession.

## CURRENT SALARY

The current starting annual salary (PR 7QN) is **\$63,169** (\$30.37 per hour), and the resident incentive starting annual salary for City of Milwaukee residents is \$65,064 (\$31.28 per hour). *Employees who successfully complete the probationary period will advance to \$66,494 annually (\$31.97 per hour) and for residents \$68,489 annually (\$32.93 per hour).*

## BENEFITS

The City of Milwaukee provides a comprehensive benefit program that includes the following:

- Defined Benefit Pension Plan
- 457 Deferred Compensation Plan
- Health and Dental Insurance
- Comprehensive Wellness Program
- Onsite Clinic Services
- Onsite Employee Assistance Program
- Alternative Work Schedules
- Long Term Disability Insurance
- Group Life Insurance
- Tuition Benefits
- Paid Vacation

- 11 Paid Holidays
- Paid Sick Leave and other paid leaves
- Flexible Spending Arrangement
- Commuter Value Pass

For full details of the benefits offered by the City of Milwaukee, please visit <https://city.milwaukee.gov/der/benefits>.

## SELECTION PROCESS

**SELECTION PROCESS** The selection process will be job related and will consist of one or more of the following: education and experience evaluation; written, oral or performance tests; or other assessment methods. The Department of Employee Relations reserves the right to call only the most qualified candidates to oral examinations. Oral examinations may include written exercises. Selection process component weights will be determined by further analysis of the job.

**This is a continuous recruitment.** Applications will be accepted and interviews held as often as required to meet the needs of the City. Qualified applicants will be notified by email of the date, time and place of the examination. Unless otherwise required by law, the City of Milwaukee will not provide alternative test administration. The applicant is responsible for attending all phases of the job selection process at the time and place designated by the City of Milwaukee. The names of successful candidates will be placed on the eligible list in a rank determined by the final grade without reference to the date of the examination. The eligible list may be abolished every four months.

**Candidates may take an examination for this position only once every six months.**

## ADDITIONAL INFORMATION

**APPLICATIONS** and further information may be accessed by visiting, <http://city.milwaukee.gov/jobs>

- Applications and transcripts should be submitted no later than the deadline listed above.
- If you would like assistance completing an application, please contact the Department of Employee Relations at (414) 286-3751 or [staffinginfo@milwaukee.gov](mailto:staffinginfo@milwaukee.gov).
- The Department of Employee Relations is located at City Hall, 200 E. Wells St, Room 706, Milwaukee, WI 53202.