

MUNICIPAL SERVICES ELECTRICIAN (for MWW)

Recruitment #2007-1547RC-001

List Type	Original
Requesting Department	DPW-WATER-LINNWOOD
Open Date	8/17/2020 1:30:00 PM
Filing Deadline	9/9/2020 11:59:00 PM
HR Analyst	Jeff Harvey

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INTRODUCTION

What Milwaukee can offer YOU

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 MWW Municipal Services Electrician performs preventative and demand maintenance of existing plant machinery and instruments in the Linnwood and Howard Purification Plants, the North Point, Riverside, Howard, and Texas Pumping Stations and 11 booster stations and elevated storage tanks and any other locations where the Water Works has electrical equipment.

This position within the MWW treatment plants and pumping stations works first shift, generally from 7 a.m. to 3:30 p.m.

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

- Diagnose electrical systems, equipment, and components for malfunctions on systems such as AC and DC circuits, medium voltage systems, switchgear and transformers and automated systems. Maintain small and large horse power motors and controllers.
- Install newly purchased electrical equipment to NEC and Milwaukee Water Works Standards. Analyze blue prints, schematics, and drawings of electrical systems for the purpose of determining the efficient installation of new or upgraded systems.
- Assess, install and maintain complex control systems comprised of programmable logic controller (PLC/PAC's), variable frequency drives, chemical feed systems, instruments, low voltage systems and other automated equipment.
- Maintain records and files; prepare and order supplies and equipment utilizing a CMMS (computerized maintenance management system).
- Drive or operate non-commercial vehicles 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, as needed. Evening, weekend, and holiday work will 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.
- Ability 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.

- Ability to work at heights in excess of 100 feet.
- Ability to perform heavy physical work, exerting up to 100 lbs. of force occasionally and lifting and moving objects weighing 50 lbs. frequently.
- Ability to work inside water plant and pumping environments that include areas of high noise levels and in close proximity to hazardous chemicals.
- Ability to wear appropriate safety equipment including safety shoes, glasses, hearing protection and NFPA 70E Arc Flash safety equipment when required.
- Ability 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. Must possess valid Wisconsin Driver's license at time of appointment 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.
- Experience working as an industrial electrician, installing and maintaining automation control systems.

KNOWLEDGES, SKILLS, ABILITIES & OTHER CHARACTERISTICS

- Knowledge of electrical wiring, circuitry, and/or electronic components.
- Knowledge and the ability to apply the National Electric Code (NEC).
- Practical knowledge of work involved in the installation, repair, and maintenance of the electrical systems 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.
- Ability to troubleshoot and perform maintenance on mechanical equipment with a strong mechanical aptitude.
- Oral communication skills to be able to explain the basics of the job.
- Interpersonal skills and the ability to work effectively as a crew member in a team environment and interact with the public courteously.
- Ability to organize and manage time to complete tasks based on departmental deadlines.
- Ability to work independently with minimal supervision.

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). *Non-resident employees who successfully complete the probationary period will advance to \$66,494 annually (\$31.97 per hour); City of Milwaukee residents who successfully complete the probationary period will advance to \$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 <http://city.milwaukee.gov/Benefits>

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 and performance examinations. Oral examinations may include written exercises. Selection process component weights will be determined by further analysis of the job.

INITIAL FILING DATE - The examination will be held as soon as practical after application deadline. Receipt of applications may be discontinued at any time after this date without prior notice. However, recruitment may continue until the needs of the City have been met. Qualified applicants will be notified 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.

ADDITIONAL INFORMATION

- 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.
- The Department of Employee Relations is located at City Hall, 200 E. Wells St, Room 706, Milwaukee, WI 53202.

CONCLUSION

The City of Milwaukee values and encourages diversity and is an equal opportunity employer.