

ORIGINAL EXAMINATION

ELECTRONIC TECHNICIAN

MILWAUKEE POLICE DEPARTMENT

PURPOSE: The Electronic Technician installs, repairs, and maintains all radio communications equipment utilized by the Milwaukee Police Department and other city departments. Radio communications equipment includes mobile devices such as portable radios, navigation radar, and fixed-site equipment including, but not limited to, base stations, amplifiers, control stations, interfaces, wireless and wire line backhaul equipment, dispatch consoles and paging terminals.

ESSENTIAL FUNCTIONS:

- ◆ Install, repair, and maintain mobile radio communications equipment including, but not limited to, portable radios, mobile radio and navigation radar equipment, speed measuring radar, and pagers
- ◆ Install, repair, and maintain fixed-site radio communication equipment including, but not limited to, base stations, voting receiver systems, dispatch consoles, and paging terminals
- ◆ Maintain all equipment listed above, and other equipment, to Federal Communications Commission (FCC) rules and standards
- ◆ Develop, construct, and install specialized electronic systems as needed
- ◆ Maintain all communications facilities so they are clean and orderly
- ◆ Pick up and deliver job-related equipment using city vehicles
- ◆ Perform other job-related responsibilities as required

Reasonable accommodations requested by qualified individuals with disabilities will be made in accordance with the Americans with Disabilities Act (ADA) of 1990.

MINIMUM REQUIREMENTS:

1. Three years of full-time experience installing, repairing, and maintaining two way radio communications equipment to the component level, and performing computer repair and software installation OR Associate's Degree in Electronic Technology and one year of this experience.

Note: This experience must have been obtained within the last five years of this position being announced.

Note: Equivalent combinations of experience and/or training may also be considered

2. Candidates must obtain an FCC First Class, Second Class, or General Class Radio Telephone Operator's license within one year of appointment.
3. Valid driver's license at time of appointment and throughout employment.
4. Residency in the City of Milwaukee within six months of appointment and throughout employment.

DESIRABLE QUALIFICATIONS

- Experience with Surface Mount Technology (SMT)
- General Class Radio Telephone Operator's License
- Ship radar endorsement

KNOWLEDGE, SKILLS, & ABILITIES REQUIRED:

- Knowledge and understanding of electrical, electronic and communications theory
- Ability to diagnose and resolve technical problems occurring on portable and fixed radio equipment
- Ability to use technical equipment used in the diagnosis and resolution of electrical equipment failure
- Soldering skills
- Knowledge and understanding of Federal Communications Commission (FCC) rules and standards
- Ability to read schematics, blueprints, wiring diagrams and other job-related documentation
- Ability to recognize the specific colors and color codes associated with electrical wiring
- Skill in job-related math and mathematical computations
- Basic computer skills
- Analytical skills
- Oral and written communication skills and interpersonal skills
- Ability to work on step ladders and in confined spaces
- Ability to lift objects weighing up to 60 lbs.

CURRENT PAY RANGE (3MN) is: \$ 46,325 to \$58,682 annually with excellent benefits.

THE SELECTION PROCESS will be job related and will consist of one or more the following: training and experience evaluation; written, oral or performance tests; or other assessment methods. Candidates must pass a background investigation prior to hire. 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.

The examination will be held as soon as practical after October 5, 2012. Receipt of applications may be discontinued any time after this date without prior notice. 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 alternate 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.

APPLICATIONS and further information may be obtained from our web site www.milwaukee.gov/jobs , in person or by mail from City of Milwaukee Department of Employee Relations, Room 706 City Hall, 200 E. Wells St., Milwaukee, WI 53202-3554, or by calling 414-286-3751.

12-090 CKS (AK)

09/06/12

EEO 303