

TWO-WAY RADIO COMMUNICATIONS TECHNICIAN

(ELECTRONIC TECHNICIAN)

MILWAUKEE POLICE DEPARTMENT

PURPOSE: The Two-Way Radio Communications 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, electronic sirens, navigation radar, etc., and fixed-site equipment including, but not limited to, microwave relay systems, 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, electronic sirens, speed measuring radar, and pagers
- ◆ Install, repair, and maintain fixed-site radio communication equipment including, but not limited to, base stations, voting receiver systems, microwave relay 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 OR an Associate's Degree in Electronic Technology and two years of this experience.

Note: This experience must have been obtained within the last five years of this position being announced. 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)
- 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 (290) IS: \$46,325 - \$58,682 annually (2006 rates) with excellent benefits. Recruitment is normally at the beginning of the range but appointment may be up to the third step of this pay range depending on experience.

THE SELECTION PROCESS will be job related and will consist of one or more of the following: training and experience evaluation; written, oral or performance examinations; 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.

The examination will be held as soon as practical after **December 1, 2010**. Receipt of applications may be discontinued after this date without prior notice. However, recruitment may continue until the needs of the city have been met. Qualified applicants will be notified by mail of the date, time, and place of the examination.

APPLICATIONS and further information may be obtained from www.milwaukee.gov/jobs or in person or via 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.

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