



August 19, 2022

Milwaukee Police Department

Police Administration Building
749 West State Street
Milwaukee, Wisconsin 53233
<http://www.milwaukee.gov/police>

Jeffrey B. Norman
Chief of Police

(414) 933-4444

The Board of
Fire and Police Commissioners
200 East Wells Street, Room 706
Milwaukee, WI 53202

RE: REQUEST FOR EMERGENCY VEHICLE EQUIPMENT INSTALLER RECRUITMENT/ELIGIBILITY LIST

Dear Commissioners:

I respectfully request that your Honorable Commission refer this request to the Department of Employee Relations (DER) to conduct recruitment, administer an examination, and provide an eligibility list for the position of Emergency Vehicle Equipment Installer as soon as administratively possible. The Emergency Vehicle Equipment Installer, under the direction of the Police Fleet Manager, is responsible for the installation, troubleshooting and repair of emergency vehicle systems including emergency lighting, prisoner transport lighting, mobile radios, mobile computers, mobile in-car video systems, license plate readers and other emergency response vehicle equipment.

Attached please find a job description for the position. Department representatives are available to assist DER staff in this matter. If you have questions regarding this matter, please contact Human Resources Representative Shrea Whitten at (414) 935-7683.

Sincerely,

JEFFREY B. NORMAN
CHIEF OF POLICE

A handwritten signature in black ink, appearing to read 'Paul J. Formolo', written over a horizontal line.

PAUL J. FORMOLO
ASSISTANT CHIEF OF POLICE

JOB DESCRIPTION

FOR DER USE ONLY

Vacancy No.

City Service
Commission:
Fire & Police
Commission:

Finance
Committee:
Common
Council:

Instructions: Complete all sections. Refer to the *Guidelines for Preparing Job Descriptions* for instructions on completing specific items.

1. Date Prepared/ Revised: 3/8/2016 / 10/12/2020		2. Present Incumbent: (5 Positions)		Is incumbent underfilling position?	
3. Date Filled:		4. Previous Incumbent:		YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> If YES, indicate Underfill Title in box 10.	
5. Department: Police Department		Bureau: Administration Division: Facilities Services		Unit: Section: Garage	
6. Work Location:		Telephone: Email:		Work Schedule: Hours: 8 / Days: 5	
7. Represented by a Union? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		8. Bargaining Unit: Non-Mgmt/Non-Rep If in District Council 48, which local?		9. FLSA Status (check one): <input type="checkbox"/> Exempt <input checked="" type="checkbox"/> Non-Exempt	
10. Official Title: Emergency Vehicle Equipment Installer				Pay Range	Job Code
				7EN	0886PD
Underfill Title (if applicable):					
Requested Title (if applicable):					
Recommended Title (DER Use Only):				Approved by:	
				Date:	

11. BASIC FUNCTION OF POSITION:

Installation, troubleshooting and field repair of Emergency Vehicle systems including emergency lighting, prisoner transport lighting, mobile radios, mobile computers, mobile in-car video systems, license plate readers and other job related equipment inside emergency response vehicles.

12. DESCRIPTION OF JOB (Check if description applies to Official Title ☒ or Underfill Title ☐):

A. ESSENTIAL FUNCTIONS/Duties and Responsibilities: (Refer to the "Guidelines for Preparing Job Descriptions" for instructions on determining Essential Functions.)

% of Time	ESSENTIAL FUNCTION
100%	<ul style="list-style-type: none"> Regular and consistent attendance. Install emergency response related equipment into City vehicles. Installation of electrical wiring, connecting electrical fittings, drilling holes and performing all physical tasks associated with modifying vehicles for the acceptance of emergency response related equipment. Design and manufacture cable assemblies and sub-assemblies that are vehicle specific and necessary for mobile vehicle installations. Develop wiring routes throughout the vehicle to provide for the most efficient wiring path and to enable future replacement and/or troubleshooting. Document and maintain all such information. Trouble shoot and diagnose problems with all mobile equipment. Work with equipment vendors to facilitate necessary equipment updates and the correction of any problems. Perform multi-point inspection of all vehicles before releasing to Vehicle Services. Obtain and maintain manufacturers certification for the emergency light bars, mobile video recording systems and license plate reader equipment.

B. PERIPHERAL DUTIES:

% of Time	PERIPHERAL DUTY
	<ul style="list-style-type: none"> Maintain sufficient stock levels of installation hardware, DVR's and other related equipment.

The above statements are intended to summarize the nature and level of work and typical responsibilities and duties being performed by the incumbent(s) of this job. They are not intended to be an exhaustive list of all responsibilities, duties, and tasks required of the position.

% of Time	PERIPHERAL DUTY
	• Pick up and deliver vehicles and job related supplies and equipment using a City vehicle.
	• Perform other duties as assigned.
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C. NAME AND TITLE OF IMMEDIATE SUPERVISOR:

Police Fleet Manager

D. SUPERVISION RECEIVED: (Describe the extent to which work assignments and methods are outlined, reviewed, and approved by this position's supervisor.)

General direction is provided by the Police Fleet Manager.

E. SUPERVISION EXERCISED:

Total number of employees for whom responsible, either directly or indirectly = 0.

Direct Supervision: List the number and titles of personnel directly supervised. Specify the kind and extent of supervision exercised by indicating one or more of the following:

of supervisor exercised by indicating one or more of the following:		
a. Assign duties	e. Sign or approve work	
b. Outline methods	f. Make hiring recommendations	
c. Direct work in progress	g. Prepare performance appraisals	
d. Check or inspect completed work	h. Take disciplinary action or effectively recommend such	
Number Supervised	Job Title	Extent of Supervision Exercised (Select those that apply from list above, a - h)

F. MINIMUM QUALIFICATIONS REQUIRED: (Indicate the MINIMUM qualifications required to enter the job.)

i. **Education and Experience:**

Associate's Degree or Technical Diploma in Automotive Technology, Electronics, or a closely related field from an industry-recognized technical college or trade school. Previous experience installing automotive accessories, lighting, emergency lighting, two-way radios, or other mobile electronic equipment or performing tasks closely related to the essential functions listed above is required. Equivalent combinations of education and experience may also be considered.

ii. **Knowledge, Skills and Abilities:**

Comprehensive understanding of 12 volt automotive electrical systems, electronic communication principles and theory including: power and ground distribution, wiring diagrams, electronic body control systems and a basic familiarity with Controller Area Network and OBD II systems. Must possess excellent skills associated with automotive electrical wiring, harnesses and cabling. Mechanical assembly skills are required along with the ability to use hand and power tools related to the job to install emergency response equipment on/in city vehicles.

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iii. **Certifications, Licenses, Registrations:**

Obtain and maintain manufactures certification for the installation and maintenance of the emergency light bars, mobile video recording systems and license plate reader equipment.

iv. **Other Requirements:**

Valid class D drivers license at the time of appointment and throughout employment. A class B CDL drivers license without air brake restriction is preferred.

13. **PHYSICAL AND ENVIRONMENTAL DEMANDS: TOOLS AND EQUIPMENT USED**

The Americans with Disabilities Act (ADA) of 1990, as amended by the Americans with Disabilities Act Amendments Act (ADAAA) of 2008 requires job descriptions to provide detailed information regarding the physical demands required to perform the essential functions of a job; the conditions under which the job is performed; and the tools and equipment the employee will be required to use on the job. Reasonable accommodations may be made to enable qualified individuals to perform the essential duties and responsibilities of the job for each of the categories listed below.

G. PHYSICAL ACTIVITY OF THE POSITION: (List the physical activities that are representative of those that must be met to successfully perform the essential functions of the job).

CHECK ALL THAT APPLY:

<input checked="" type="checkbox"/>	Climbing: Ascending or descending ladders, stairs, scaffolding, ramps, poles, and the like; using feet and legs and/or hands and arms. Body agility is emphasized. Check only if the amount and kind of climbing required exceeds that required for ordinary locomotion.
<input checked="" type="checkbox"/>	Balancing: Maintaining body equilibrium to prevent falling when walking, standing or crouching on narrow, slippery or erratically moving surfaces. Check only if the amount and kind of balancing exceeds that needed for ordinary locomotion and maintenance of body equilibrium.
<input checked="" type="checkbox"/>	Stooping: Bending body downward and forward by bending spine at the waist. Check only if it occurs to a considerable degree and requires full use of the lower extremities and back muscles.
<input checked="" type="checkbox"/>	Kneeling: Bending legs at knee to come to a rest on knee or knees.
<input checked="" type="checkbox"/>	Crouching: Bending the body downward and forward by bending leg and spine.
<input checked="" type="checkbox"/>	Crawling: Moving about on hands and knees or hands and feet.
<input checked="" type="checkbox"/>	Reaching: Extending Hand(s) and arm(s) in any direction.
<input checked="" type="checkbox"/>	Standing: Particularly for sustained periods of time.
<input checked="" type="checkbox"/>	Walking: Moving about on foot to accomplish tasks, particularly for long distances.
<input checked="" type="checkbox"/>	Pushing: Using upper extremities to exert force in order to draw, press against something with steady force in order to thrust forward, downward or outward.
<input checked="" type="checkbox"/>	Pulling: Using upper extremities to exert force in order to draw, drag, haul or tug objects in a sustained motion.
<input checked="" type="checkbox"/>	Lifting: Raising objects from a lower to a higher position or moving objects horizontally from position-to-position. Check only if it occurs to a considerable degree and requires substantial use of the upper extremities and back muscles.
<input checked="" type="checkbox"/>	Fingering: Picking, pinching, typing or otherwise working primarily with fingers rather than with the whole hand or arm, as in handling.
<input checked="" type="checkbox"/>	Grasping: Applying pressure to an object with fingers and palm.
<input checked="" type="checkbox"/>	Feeling: Perceiving attributes of objects such as size, shape, temperature or texture by touching with the skin, particularly that of the fingertips.
<input checked="" type="checkbox"/>	Talking: Expressing or exchanging ideas by means of the spoken word. Those activities which demand detailed or important instructions spoken to other workers accurately, loudly or quickly.
<input checked="" type="checkbox"/>	Hearing: Perceiving the nature of sounds with no less than a 40 db loss. Ability to receive oral communication and make fine discriminations in sound.
<input checked="" type="checkbox"/>	Repetitive Motions: Substantial movements (motions) of the wrist, hands, and/or fingers.
<input checked="" type="checkbox"/>	Driving: Minimum standards required by State Law (including license).

H. PHYSICAL REQUIREMENTS OF THE POSITION: (List the physical requirements that are essential functions of the job.)

CHECK ONE:

<input type="checkbox"/>	Sedentary Work: Exerting up to 10 pounds of force occasionally and/or negligible amount of force
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<input type="checkbox"/>	frequently or constantly to lift, carry, push, pull or otherwise move objects. Sedentary work involves sitting most of the time. Jobs are sedentary if walking and standing are required only occasionally and all other sedentary criteria are met.
<input type="checkbox"/>	Light Work: Exerting up to 10 pounds of force occasionally and/or negligible amount of force constantly to move objects. If the use of arm and/or leg controls requires exertion of forces greater than that for sedentary work and the worker sits most of the time, the job is rated for Light Work.
<input type="checkbox"/>	Medium Work: Exerting up to 50 pounds of force occasionally and/or up to 20 pounds of force frequently, and/or up to 10 pounds of force constantly to move objects.
<input checked="" type="checkbox"/>	Heavy Work: Exerting up to 100 pounds of force occasionally, and/or up to 50 pounds of force frequently, and/or up to 20 pounds of force constantly to move objects.
<input type="checkbox"/>	Very Heavy Work: Exerting in excess of 100 pounds of force occasionally, and/or in excess of 50 pounds of force frequently, and/or in excess of 20 pounds of force constantly to move objects.

- I. **VISUAL ACUITY REQUIREMENTS:** (List the visual acuity requirements that are essential functions of the job.)

CHECK ONE:

<input type="checkbox"/>	Operators (Electronic Equipment), Inspection, Close Assembly, Clerical, Administrative: This is a minimum standard for use with those whose job requires work done at close visual range (i.e. preparing and analyzing data and figures, accounting, transcription, computer terminal, extensive reading, visual inspection involving small parts, operation of machines, using measurement devices, assembly or fabrication of parts).
<input checked="" type="checkbox"/>	Machine Operators, Mechanics, Skilled Tradespeople: This is a minimum standard for use with those whose work deals with machines where the seeing job is at or within arm's reach. This also includes mechanics and skilled tradespeople and those who do work of a non-repetitive nature such as carpenters, technicians, service people, plumbers, painters, mechanics, etc. (If the machine operator also inspects, check the "Operators" box.)
<input type="checkbox"/>	Mobile Equipment Operators: This is a minimum standard for use with those who operate cars, trucks, forklifts, cranes, and high lift equipment.
<input type="checkbox"/>	Other: This is a minimum standard based on the criteria of accuracy and neatness of work for janitors, sweepers, etc.

- J. **THE CONDITIONS THE WORKER WILL BE SUBJECT TO IN THIS POSITION:**

List the environmental/working conditions to which the employee may be exposed while performing the essential functions of the job. Include scheduling considerations such as on-call for emergencies, rotating shift, etc. **Approximate Percentage of time performing field work:** _____%

CHECK ALL THAT APPLY:

<input type="checkbox"/>	None: The worker is not substantially exposed to adverse environmental conditions (such as typical office or administrative work).
<input checked="" type="checkbox"/>	The worker is subject to inside environmental conditions: Protection from weather conditions but not necessarily from temperature changes (i.e. warehouses, covered loading docks, garages, etc.)
<input checked="" type="checkbox"/>	The worker is subject to outside environmental conditions: No effective protection from weather.
<input checked="" type="checkbox"/>	The worker is subject to extreme cold: Temperatures below 32 degrees for period of more than one hour.
<input checked="" type="checkbox"/>	The worker is subject to extreme heat: Temperatures above 100 degrees for periods of more than one hour.
<input checked="" type="checkbox"/>	The worker is subject to noise: There is sufficient noise to cause the worker to shout in order to be heard above the surrounding noise level.
<input checked="" type="checkbox"/>	The worker is subject to vibration: Exposure to oscillating movements of the extremities or whole body.
<input checked="" type="checkbox"/>	The worker is subject to hazards: Includes a variety of physical conditions, such as proximity to moving mechanical parts, electrical current, working on scaffolding and high places or exposure to chemicals.
<input checked="" type="checkbox"/>	The worker is subject to atmospheric conditions: One or more of the following conditions that affect the respiratory system or the skin: Fumes, odors, dust, mists, gases or poor ventilation.
<input checked="" type="checkbox"/>	The worker is subject to oil: There is air and/or skin exposure to oils and other cutting fluids.
<input type="checkbox"/>	The worker is required to wear a respirator.

- K. **MACHINE, TOOLS, EQUIPMENT, ELECTRONIC DEVICES, SOFTWARE, ETC. USED BY POSITION:**

List equipment needed to successfully perform the essential functions of the job. Reasonable accommodations may be made to enable qualified individuals with disabilities to perform the essential functions.)

CHECK ALL THAT APPLY:

<input checked="" type="checkbox"/> Camera and photographic equipment	<input checked="" type="checkbox"/> Office Equipment (desk, chair, telephone, etc.)
<input checked="" type="checkbox"/> Cleaning supplies	<input checked="" type="checkbox"/> Office supplies (pens, staplers, pencils, etc.)
<input checked="" type="checkbox"/> Commercial vehicle	<input checked="" type="checkbox"/> Packing materials (boxes, shrink wrap, etc.)
<input checked="" type="checkbox"/> Data processing equipment	<input checked="" type="checkbox"/> PC equipment (monitor, keyboard, printer, etc.)

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<input checked="" type="checkbox"/> Handcart	<input checked="" type="checkbox"/> PC software
<input checked="" type="checkbox"/> Hand tools (<i>please list</i>): Job related	
<input checked="" type="checkbox"/> Office Machines (<i>check all that apply</i>): <input checked="" type="checkbox"/> Copier <input checked="" type="checkbox"/> Facsimile <input checked="" type="checkbox"/> Calculator <input type="checkbox"/> Cash register	
<input type="checkbox"/> Other (<i>please list</i>):	

- L. SUPPLEMENTARY INFORMATION:** (Indicate any other information which further explains the importance, difficulty, or uniqueness of the position, such as its scope of responsibility related to finances, equipment, people, information, etc. Also indicate success factors such as personal characteristics that contribute to an individual's ability to perform well in the job, and any other special considerations.)

Ability to work in confined spaces.

- M. I believe that the statements made above in describing this job are complete and accurate.**

Signature of Department Head or Designated Representative

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