



## Low Voltage Systems Technician Job Posting

Roger Williams Park Zoo (RWPZ) of Providence, Rhode Island, is one of the nation's oldest zoos, exhibiting over 100 animal species. Our culture is built on our core values -community, fun, innovation, diversity, integrity, sustainability, and excellence. We value our role in the community as a treasured place for families and a trusted resource for learning; we create a sense of community for our staff and contribute to the global conservation community. We provide a fun experience for our guests and believe that a fun environment is essential to create a great workplace. We are willing to take risks, to propose novel ideas and to think "out of the box". Bold dreams are welcome here. We act with respect toward all. We value diversity and are intolerant of bias. Integrity and honesty drive our business practices and our relationships with each other and our constituents. We are driven by our vision of greater sustainability in our environmental practices and in our business model. We believe that by establishing a sustainable financial base we can best achieve our goals. We are always striving for excellence. We work to exceed expectations in all areas.

RWPZ is currently recruiting a full-time, year-round, non-exempt, Low Voltage Systems Technician. Under the direct supervision of the Technical Systems Manager, the Low Voltage Systems Technician is responsible for pre-wiring, installing, programming, and maintenance of products and services ordered for structures under construction, prior to and after placement of walls/ceilings. In addition, they are also responsible for pre-wiring, installing, programming, and maintenance of existing structures for security systems, fire alarms, telephones, cable television, CCTV, intercom systems, phone & cable jacks, control panels, speakers, antennas, VoIP Systems, security control boxes/panels, keypads, low voltage lighting, voice activated systems, and audio/video systems. The individual in this base-level position will also be responsible for the setup, breakdown, inventory, and repair of all Auto/Visual equipment. This position is currently a Sunday through Thursday workweek.

### **Responsibilities**

- Install, move, and modify telecommunications and related equipment, according to job order specifications, standards, and procedures.
- Diagnose equipment malfunctions.
- Repair voice and data equipment.
- Maintain and repair telecommunications systems and equipment according to manufacturer recommendations and specifications.

- Install electrical and mechanical control mechanisms, structured wiring and audio visual and video data voice equipment, audio and video equipment, fire and intrusion alarm systems, Card Access, PA, and intercom, VoIP, Emergency Call Box Systems.
- Maintain and repair any gate/door electrical and/or mechanical malfunctions.
- Report and monitor service order changes.
- Promote workplace safety in the use and maintenance of electrical equipment and supplies.
- Train employees on system use and how to obtain system maintenance, if needed.
- Maintain and report accurate records of hours and materials used.
- Provide support and perform additional functions when directed by the Technical Systems Manager and/or the Deputy Director of Operations.
- Assist in implementation and documentation of electrical safety protocols.
- Provide assistance in snow removal on sidewalks, pathways and exhibits.
- Assist department with emergency response for crowd control and zoo evacuation during emergency recovery situations.

**Required Experience, Education and/or Training:**

*Required Experience and Education:*

Associates in Science Degree in Electrical Technology or related field with emphasis on computer networking plus minimum of one-year prior work experience involving setting-up, installing and troubleshooting audio and other low voltage systems; or equivalent combination of education and experience.

*Preferred Experience and Education:*

Recent experience working with diverse populations and fluency speaking additional languages a plus.

**Competencies**

- Strong knowledge of electrical theory, industrial motor controls and circuits.
- Familiarity with programming and installation of programmable logic controls, transformers, and A/C drives.
- Experience with and knowledge of electrical code requirements, commercial and industrial wiring and applicable safety protocols is preferred.
- Proficiency in pulling a variety of wires such as Cat5E, Fiber, RG6, RG59 and terminating both male/female RJ11, RJ45, F, BNC, and compression fittings is required.
- Demonstrated success in the ability to read/write PCB Schematics, Flow charts, Logic Ladders, and Floor Plans, read, interpret and process information from blueprints and plans.
- Utilization of standard hand and power tools, measuring devices, testing equipment, snow blower, snowplows, Multi-meters, Toners, CCTV Testers, Cable Testers, and Punch-Down Tools is also required.

**Additional Requirements**

- Successful completion of a background check.
- Valid driver's license.

- Willingness to be on call for zoo emergencies including severe weather conditions.
- Valid state driver's license.
- Willingness to be on call and work flexible work schedule, including occasional evenings, weekends and holidays.
- Ability to work outdoors under various weather conditions as well as one weekend day per workweek, occasional holidays and at after-hours special events.
- The individual in this position is considered essential staff and required to report to work during inclement weather, and electrical and zoo emergency situations unless otherwise notified by the Technical Systems Manager and/or Deputy Director of Operations.
- Frequent physical activity includes bending, reaching, sitting and standing for long periods.
- During snowstorms, the individual in this position may be required to operate a snow blower and/or snowplow.
- work occasional weekends, evenings, and holidays.
- Frequently lifts and/or moves up to 50 pounds.
- This position often requires the employee to work in confined spaces and climb a ladder to a minimum height of 25 feet.
- Ability to operate a variety of machines and equipment including a computer, copier, printer, fax, telephone, two-way radio, and calculator.

As a Low Voltage Systems Technician, you will be joining our team in showcasing our Zoo pride and excellence in customer service.

If you are interested in this exciting opportunity to be a team member at a well-renowned Zoo in the New England area, send a cover letter, resume and salary requirements to the address below.

Roger Williams Park Zoo  
**ATTN: Low Voltage Systems Technician**  
 1000 Elmwood Ave  
 Providence, RI 02907  
 -or-  
*employment@rwpzoo.org*



ACCREDITED BY THE  
**ASSOCIATION  
 OF ZOOS &  
 AQUARIUMS**



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