



Low Voltage Systems Technician Job Posting

Roger William's Park Zoo of Providence, Rhode Island, -one of the nation's oldest zoos and exhibiting over 100 animal species, is currently recruiting for a full-time, year-round, 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.

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

QUALIFICATIONS:

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. 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:

- Ability to work outdoors under various weather conditions as well as one weekend day per workweek, occasional holidays and at after-hours special events.
- Valid state driver's license.
- Successful completion of a background check.
- 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 including bending, reaching, sitting and standing for long periods of time.
- This position often requires the employee to work in confined spaces and climb a ladder to a minimum height of 25 feet.
- Occasional lifting of up to 50 pounds.
- During snowstorms, the individual in this position may be required to operate a snow blower and/or snowplow.
- Specific vision abilities required by the job includes color vision.

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 employment@rwpzoo.org or to:

Roger Williams Park Zoo
Attn: Low Voltage Systems Technician
1000 Elmwood Ave.
Providence, RI 02907