

Hawaii Electrical Solutions, LLC

Job Title: Journeyman Electrician

Employment Type: Full-Time

FLSA Status: Non-exempt

Department: Hawaii Electrical Solutions, LLC

Reports To: Project Manager

Job Summary

Install, maintain, and repair electrical wiring, equipment, and fixtures. Ensure that work is in accordance with relevant codes. May install or service street lights, new or upgraded electrical systems, photovoltaic (solar) systems, lighting upgrades/retrofits, fire alarm systems, or electrical control systems.

Essential Duties

- Assemble, install, test, or maintain electrical or electronic wiring, equipment, appliances, apparatus, or fixtures, using hand tools or power tools.
- Diagnose malfunctioning systems, apparatus, or components, using test equipment and hand tools to locate the cause of a breakdown and correct the problem.
- Connect wires to circuit breakers, transformers, or other components.
- Inspect electrical systems, equipment, or components to identify hazards, defects, or the need for adjustment or repair, and to ensure compliance with codes.
- Advise management on whether continued operation of equipment could be hazardous.
- Test electrical systems or continuity of circuits in electrical wiring, equipment, or fixtures, using testing devices, such as ohmmeters, voltmeters, or oscilloscopes, to ensure compatibility and safety of system.
- Maintain current electrician's license or identification card to meet governmental regulations.
- Plan layout and installation of electrical wiring, equipment, or fixtures, based on job specifications and local codes.
- Install and connect power supply wiring, cables, conduit, and electrical apparatus for machines and equipment in new and existing facilities following diagrams, schematics, or blueprints.
- Install and repair control and distribution apparatus, including motors, relays, switches, thermostats, circuit-breaker panels, etc.
- Assist Project Management with selecting material and hardware and making time and materials estimates.
- Maintain accurate records on material and labor used.
- Operate tools and equipment according to established safety procedures.
- Follow established safety procedures and techniques to perform job duties, including lifting, climbing, etc.
- Correct unsafe conditions in work area and report any conditions that are not correctable to supervisor immediately.

Secondary Duties

- Provide preliminary sketches or cost estimates for materials or services.
- Provide assistance during emergencies by operating floodlights or generators, placing flares, or driving needed vehicles.
- Inspect jobs upon completion and ensure areas are clean.
- Respond to emergency calls as needed.
- Perform preventive maintenance on tools and equipment.
- Train Electrical Apprentices and Laborers to do quality electrical work and hold them accountable for quality and productivity.
- Complete Daily Progress Reports (DPRs) on Basecamp or web-based software and post progress photos for projects you lead.
- Review and approve labor time worked by each crew member on projects you lead.

Supervisory Responsibilities

Directly supervises 10 non-supervisory employees. Carries out supervisory responsibilities in accordance with the organization's policies and applicable laws. Responsibilities include interviewing, hiring, and training employees planning, assigning, and directing work; appraising performance; rewarding and disciplining employees; addressing complaints and resolving problems.

Education

This position requires a post-secondary certificate (awarded for training completed after high school) and 5 years of previous experience.

Behavioral Characteristics

- Training and Teaching Others -- Identifying the educational needs of others, developing formal educational or training programs or classes, and teaching or instructing others.
- Coordinating the Work and Activities of Others -- Getting members of a group to work together to accomplish tasks.
- Dependability -- Job requires being reliable, responsible, and dependable, and fulfilling obligations.
- Attention to Detail -- Job requires being careful about detail and thorough in completing work tasks.
- Integrity -- Job requires being honest and ethical.
- Professional presentation; is confident, assertive, and displays a high level of self-esteem.
- Is self-motivated; maintains a feeling of pride in work; has a strong work ethic and strives to achieve all goals; is competitive; takes appropriate risks.
- Is high-energy, friendly and engaging.
- Has a service orientation; is actively looking for ways to help people. Communicate effectively

- with contractors and property owners, from inception through completion of the project
- Must Exemplify Company Core Values -- OHANA -- O-'Ohana (Family), H- Ho'ihi (Respect), A- Alaka'i (Leadership), N-No'eau (Craftsmanship), A-Aloha (Compassion)

Language Skills

- Oral Comprehension -- The ability to listen to and understand information and ideas presented through spoken words and sentences.
- Communicating with Supervisors, Peers, or Subordinates -- Providing information to supervisors, co-workers, and subordinates by telephone, in written form, e-mail, or in person.

Reasoning Ability

- Problem Sensitivity -- The ability to tell when something is wrong or is likely to go wrong. It does not involve solving the problem, only recognizing there is a problem.
- Deductive Reasoning -- The ability to apply general rules to specific problems to produce answers that make sense.
- Inductive Reasoning -- The ability to combine pieces of information to form general rules or conclusions (includes finding a relationship among seemingly unrelated events).
- Information Ordering -- The ability to arrange things or actions in a certain order or pattern according to a specific rule or set of rules (e.g., patterns of numbers, letters, words, pictures, mathematical operations).
- Troubleshooting -- Determining causes of operating errors and deciding what to do about it.
- Grasps concepts quickly and has good follow through skills; adheres to work schedule and follows through on challenges as they arise.

Mathematical Skills

- Intermediate skills -- Ability to calculate discounts, interest, commissions, proportions, percentages, area, circumference and volume. Ability to apply concepts of basic algebra and geometry.

Certification and Licensing

- Hawaii Journeyman Electrician License
- Driver's License

Physical Demands

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

While performing the duties of this job, the employee is:

- regularly required to stand; walk; use hands to finger, handle or feel; reach with hands and arms; talk or hear.
- frequently required to climb or balance; stoop, crouch, or crawl.
- occasionally exposed to sit; taste or smell.

The employee must:

- regularly lift and/or move up to 25 pounds.
- frequently lift and/or move up to 50 pounds.
- occasionally lift and/or move up to 100 pounds.

Specific vision abilities required by this job include:

- close vision; distance vision; color vision; peripheral vision; depth perception; ability to adjust focus.

Work Environment

The work environment characteristics described here are representative of those an employee encounters while performing the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

While performing the duties of this job, the employee is:

- frequently exposed to work near moving mechanical parts; work in high, precarious places; climb or balance.
- regularly exposed to outdoor weather conditions; risk of electrical shock.

The noise level in the work environment is loud noise.