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| Position Title: | Journeyman Electrician |
| Department: | Construction |
| Reports To: | Chief Construction Officer |
| Posted Rate of Pay | DOE |
| Exempt / Non-Exempt: | Non-Exempt |
| Job Open Date: | |
| Job Close Date: | |
| Full Time/Part Time: | Full Time |
| Limited to current TOKA employees only | No |
| Documents required to be attached with candidate’s application | <ol style="list-style-type: none"> 1. Tohono O’odham Ki:Ki Association Application Form 2. Journeyman Electrician Certificate |
| Pre-employment Screening Requirements | <p>The Tohono O’odham Ki:Ki Association conducts pre-employment screening for all positions, which may include a criminal background check, verification of credentials, licenses, certifications, and work history. In addition, a check of names and identification documents is conducted on all new employees to ensure they are legally authorized to work in the United States. All employees are required to successfully pass a drug screening test prior to employment; random drug screening tests may be administered post-employment.</p> |

Summary:

Installs, maintains, repairs and connects complete electrical systems for residential units.

Essential Duties and Responsibilities

- Assemble, install, test, and maintain electrical or electronic wiring, equipment, appliances, apparatus, and fixtures, using hand tools and power tools.
- Diagnose malfunctioning systems, apparatus, and 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, and components to identify hazards, defects, and 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 and continuity of circuits in electrical wiring, equipment, and fixtures, using testing devices such as ohmmeters, voltmeters, and oscilloscopes, to ensure compatibility and safety of system.
- Plan layout and installation of electrical wiring, equipment, and fixtures, based on job specifications and local codes.
- Direct and train workers to install, maintain, or repair electrical wiring, equipment, and fixtures.
- Prepare sketches or follow blueprints to determine the location of wiring and equipment and to ensure conformance to building and safety codes.
- Use a variety of tools and equipment such as power construction equipment, measuring devices, power tools, and testing equipment including oscilloscopes, ammeters, and test lamps.
- Install ground leads and connect power cables to equipment, such as motors.
- Ordering supplies and equipment
- Repair or replace wiring, equipment, and fixtures, using hand tools and power tools.
- Work from ladders, scaffolds, and roofs to install, maintain or repair electrical wiring, equipment, and fixtures.
- Place conduit (pipes or tubing or mc cable) inside designated partitions, walls, or other concealed areas, and pull insulated wires or cables through the conduit to complete circuits between boxes.
- Construct and fabricate parts, using hand tools and specifications.
- Fasten small metal or plastic boxes to walls to house electrical switches or outlets.
- Perform physically demanding tasks, such as digging trenches to lay conduit and moving and lifting heavy objects.
- Provide preliminary sketches for materials and services.
- Prepare material take offs for a complete electrical system.
- Perform other related tasks as assigned.

Competencies

To perform the job successfully, an individual should demonstrate the following competencies:

- Installation -- Installing equipment, machines, wiring, or programs to meet specifications.
- Active Listening -- Giving full attention to what other people are saying, taking time to understand the points being made, asking questions as appropriate, and not interrupting at inappropriate times.
- Reading Comprehension -- Understanding written sentences and paragraphs in work related documents
- Troubleshooting -- Determining causes of operating errors and deciding what to do about it.
- Equipment Selection -- Determining the kind of tools and equipment needed to do a job.
- Repairing -- Repairing machines or systems using the needed tools

- Judgment and Decision Making -- Considering the relative costs and benefits of potential actions to choose the most appropriate one.
- Time Management -- Managing one's own time and the time of others.
- Mathematics -- Using mathematics to solve problems.
- Active Learning -- Understanding the implications of new information for both current and future problem-solving and decision-making.
- Technical Skills - Shares expertise with others.

Qualifications To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed below are representative of the knowledge, skill, and/or ability required. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

Education and/or Experience

- High School diploma or GED.
- Minimum of 8 years related experience in residential electrical installation.
- Comprehensive knowledge of current IRC Codes
- Journeyman status

Language Skills

Ability to read and interpret documents such as blueprints, safety rules, operating and maintenance instructions, and procedure manuals. Ability to write routine reports and correspondence. Ability to speak effectively before groups of customers or employees of organization.

Mathematical Skills

Ability to calculate figures and amounts common to the trade. Ability to apply concepts of basic algebra and geometry.

Reasoning Ability

Ability to solve practical problems and deal with a variety of concrete variables in situations where only limited standardization exists. Ability to interpret a variety of instructions furnished in written, oral, diagram, or schedule form.

Certificates, Licenses, Registrations

- Current Journeyman Electrician certification;
- Current valid Arizona Driver License;
- Current Licensed Electrician in Arizona.

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 frequently required to stand; use hands to finger, handle, or feel; reach with hands and arms and talk or hear. The employee is occasionally required to walk; sit; climb or balance and stoop, kneel, crouch, or crawl. The employee must frequently lift and/or move up to 50 pounds. Specific vision abilities required by this job include close vision, distance vision, color vision, peripheral vision, depth perception and 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 moving mechanical parts; high, precarious places; outside weather conditions; extreme heat and risk of electrical shock. The employee is occasionally exposed to wet and/or humid conditions; fumes or airborne particles and toxic or caustic chemicals. The noise level in the work environment is usually moderate.

Indian Preference

Preference in filling vacancies is given to qualified Indian applicants in accordance with the Indian Preference Act (Title 2 U.S. Code, Section 472 and 473) and the Indian Self Determination Act, Public Law 93-638, provided the applicant has submitted acceptable proof of Indian preference for employment. The Tohono O'odham Ki:Ki Association is an equal opportunity employer, and there will be no discrimination for consideration or in selection, because of race, religion, color, sex, national origin, politics, marital status, physical handicap, or age.