Job Title: Maintenance Electrician
Pay Grade: 19, 20
FLSA: Non-Exempt

Job Code: FM 141
Effective Date: October 2007
Revision Date: April 2014

NATURE OF WORK
Under general supervision, this position functions primarily as an Electrician and performs a variety of highly skilled work involving the installation, repair, and maintenance of Lewis County electrical and electronic systems in addition to other task assignments relating to building and grounds maintenance and operations.

ESSENTIAL FUNCTIONS:
The following duties ARE NOT intended to serve as a comprehensive list of all duties performed by all employees in this classification, only a representative summary of the primary duties and responsibilities. Incumbent(s) may not be required to perform all duties listed and may be required to perform additional, position-specific duties.

- Designs and installs County electrical systems and additions.
- Maintains, diagnoses, and repairs electrical systems, controls, equipment and devices at all County facilities including Parks, Fairgrounds and Airports.
- Installs, maintains, programs and repairs the County’s Jail and Juvenile Detention facility security systems.
- Maintains, troubleshoots, programs and installs County telephone network and related equipment.
- Installs, maintains, diagnoses, programs and repairs County security and fire alarm systems.
- Conducts routine preventative maintenance and special projects.
- Responds to maintenance emergencies during and after business hours.

WORKING ENVIRONMENT / PHYSICAL DEMANDS:
Work is performed in and around County facilities and involves exposure to variable weather conditions, electrical currents, and machinery with moving parts; subject to standing, walking, bending, reaching, kneeling, crouching, climbing ladders, and lifting of objects up to 75 pounds.

DISTINGUISHING CHARACTERISTICS:
This is a skilled position class in the Facilities Maintenance job series; this class differs from the Maintenance Tech Senior by the nature and complexity of tasks performed and the degree of independence granted. Incumbents possessing and maintaining a valid Washington State 01-General Journeyman Electrician’s License would be eligible for compensation at the higher level.

EMPLOYMENT STANDARDS:
High School Diploma or G.E.D. equivalent; AND five (5) year’s experience working as an electrician at the journey level.

A 01-General Journeyman Electrician’s License required for higher grade
Valid Driver’s License.

Successfully pass a background check.

KNOWLEDGE AND SKILLS REQUIRED:
Knowledge of:
- County policies and procedures.
- Various types of commercial/industrial electrical systems and electronic equipment.
• Electricians tools, equipment, and diagnostic devices. Occupational hazards and safety practices relative to electrical work
• Computer network system architecture and programming PLCs and logic control systems.
• Personal computers and control software programs.
• Security, fire alarm, video, sound attenuation and power generation equipment.
• Commercial Building construction and equipment
• Comprehensive knowledge of NFPA and national Electric Codes
• Commercial Wiring methods and materials.

Skills in:
• Coordinating and performing a variety of highly skilled electrical work.
• Installing, monitoring, and maintaining County electrical and electronic systems.
• Diagnosing, identifying, and repairing electrical issues.
• Reading and using construction blueprints and electrical diagrams.
• Establishing and maintaining effective working relationships with other staff, County departments, vendors, and contractors.
• Communicating effectively verbally and in writing.