Electronic Technician

Position Summary
Under general direction from the Operations Supervisor, the Electronic Technician install, maintain, test, and repair the communications, telemetry, and automated controls systems. Other responsibilities are to perform miscellaneous electronic repairs and preventative maintenance. Included in responsibilities are to maintain a master level in communication and controls and to do related work as required.

Supervision Responsibility
For: No direct reports.  
To: Reports to the Operations Supervisor.

Distinguishing Characteristics:
This is the master level of the communications and controls series.

Essential/Primary Responsibilities
Incumbents perform high level electronic duties, as well as provide direction and training to lower level personnel.
- Installs, maintains, and repairs remote controlled supervisory equipment.
- Installs, maintains, and repairs telemetry equipment.
- Installs, maintains, and repairs mobile radios and base stations.
- Uses a variety of complex and sophisticated electronic test equipment such as oscilloscope signal generators, distortion analyzers, capacitor tester, high potential tester, transistor and tube testers, phase angle meters and meggers.
- Maintains test equipment and supply of commonly used spare parts and materials.
- Reads schematics and diagrams.
- Trouble-shoots equipment analyzes the problem and makes necessary repairs.
- Maintains records of preventive maintenance and repairs.
- Maintains inventory of equipment.
- Files reports with supervisor, as necessary.
- Assists with SCADA operation activities.
- Operate and perform field repair on special purpose machinery and equipment.
- Follow Federal, state, and local safety regulations, plans, policies, and operating procedures.
- Perform additional tasks or responsibilities as dictated by operational necessity and as assigned.

Experience and Education
Minimum Qualifications:
- High School Diploma
- California driver's license (Class C). (Official current driving record from DMV required.)
- Any combination equivalent to successful completion of four years apprenticeship as an electrician supplemented by two years training in electronic communications and controls.

Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions of the job.
Skills and Abilities

- Knowledge of the theory, principles, methods, materials, tools, and equipment used in the installation, maintenance, and repair of electronic and electrical controls, telemetry, radio transmission and receiving equipment, test equipment used in trouble-shooting, testing, and calibration.
- Ability to assume responsibility for the Authority's communications systems.
- Anticipate problems concerning electronic instrumentation and implementation of solutions.
- Provide leadership to incumbents of lower level classifications.
- Maintain cooperative working relations with other personnel and the public.
- Exercise appropriate methods of communication including reading and writing instructions.
- Minimize and, where possible, eliminate exposure of personnel to health and accident hazards.
- Effectively demonstrate the application of all skills, knowledge, and aptitudes required.
- Ability to effectively receive and disseminate information (including oral and written reports).
- Contribute to team environment and a positive culture.
- Ability to incorporate safe practices into the performance of job duties.

Working Conditions
This position is based in Lindsay. Requirements include working indoors and year-round outdoor environment. It will occasionally require irregular hours and travel. This position requires the employee to work in sometimes hazardous conditions; some of which include:

- Perform very heavy manual labor in connection with digging, lifting, climbing, etc.
- Working solitary shifts, irregular/extended hours, evening, and weekend work.
- Work near swift flowing water and slippery surfaces and near road traffic.
- Exposure to extreme temperatures, heat, cold, damp, rain, dust, and fog.
- Confinement space, cramped, awkward, and in uncomfortable positions.

Salary and Benefits
Salary is commensurate with qualifications and experience Grade 17.

FWA has an excellent benefits package, including generous health, leave, and retirement programs.

- Fully paid benefits to the employee;
  - Health
  - Dental
  - Vision
- Pension with contributions
- Retirement
- Jury Duty Compensation
- Vacation
- Sick;
  - Kin Care
  - Bereavement
- Long Term Disability
- Survivors Insurance