TRINITY BAY CONSERVATION DISTRICT

EMPLOYMENT OPPORTUNITY

JOB TITLE: Electronics Technician

REPORTS TO: Water Superintendent

DEPT/DIV: Drainage/Water& Sewer Maintenance

STARTING SALARY: $25.00 - $30.00 (D.O.E.)

APPLICATION DEADLINE: UNTIL FILLED

DUTIES AND RESPONSIBILITIES

Essential Job Functions: Performs major testing and overhaul of electronic and pneumatic equipment, including high voltage motor control circuits, pressure transducers, electro-mechanical devices, telemetry devices, current amplifiers, liquid level control, flow meters (pressure differential, magnetic), microprocessor based controllers, programmable controllers, D.C. and variable frequency motor controls, analytical equipment (pH meters, colorimeters, etc.) flame detection systems, and other electronic equipment; installs, repairs and maintains electronic and electrical equipment in the field; maintains chemical pumps; maintains chlorinator equipment; motor overhaul inside the plant and in the field; pipefitting; designs computer interface equipment systems, test equipment, and other electronic equipment; maintains testing and repair equipment in good condition at all times; maintains parts supply inventory; prepares and maintains records and reports; studies manuals and new equipment literature to remain abreast of new equipment and maintenance procedures. Other Job Functions: Performs other duties as required. **Other Job Functions:** Performs related duties as assigned. *Job description statements are intended to describe the general nature and level of work being performed by employees assigned to this job title. They are not intended to be construed as an exhaustive list of all responsibilities, duties and skills required.*

WORKING CONDITIONS

Works inside and outside in all kinds of weather; exposed to electrical equipment and hazardous conditions; exposed to possibility of physical injury while operating equipment or when working in traffic or utilities construction areas and from constant/extreme noise; working in trenches, ditches, manholes and around mechanical, electrical, explosive, fume/odor, dust, insects, chemical and vapor hazards; subject to call out 24 hours a day; may work varying schedules. Must be available to work Monday through Thursday 7:00 a.m. thru 5:30 p.m. and overtime when necessary.

MINIMUM ESSENTIAL QUALIFICATIONS

Knowledge: Knowledge of practices, methods, materials, and equipment used in electronic installations, complex relay logic, maintenance, repair, and testing; knowledge of the occupational hazards and safety precautions of the work; knowledge of PLC equipment; knowledge of PC operations including windows and spreadsheets.

Skills/Abilities: Skilled in the use and maintenance of electronic equipment, 480 volt control systems, and testing devices; ability to read, program and configure SDI-12 devices to perform tasks listed above unassisted; ability to code and compile datalogger languages (CR Basic, Java and .JSON packages); ability to diagnose networking issues ability to modify and substitute component parts; ability to create FTP, Shef and API exports (used for USGS, NOAA, NWS, TxDOT etc.); ability to use Excel (Import, Export and Report databases) ability to detect and correct defects in various types of electronic equipment; ability to quickly learn multiple software applications used for all equipment: ability to understand and follow oral and written instructions and to interpret blueprints, sketches, and diagrams; ability to establish and maintain effective working relationships with other employees.

Physical Requirements: Essential: Constantly sees, (must be able to distinguish colors), and hears; frequently stands, stoops, bends, climbs, and lifts objects weighing up to 70 lbs.

Education/Experience: Graduation from a college, university, or accredited technical training institution with two-year associate degree in electronics, supplemented by specialize training. Approximately five (5) years' experience with progressive responsibility in the repair and maintenance of the electrical and electronic equipment or any equivalent combination of training and experience which provides the required knowledge, abilities, and skills. College degree may be substituted for work experience. Electrician experience is an acceptable substitute for instrumentation experience.

Other: Must obtain a Class II Wastewater License within one year of employment. Must possess a valid Class C driver's license with a good driving record. Other state valid Driver's License equivalent to Texas Class C with a good driving record will be considered. Texas state law requires within 30 days of residency, you must possess a valid Texas driver's license. **Applicant selected for hire will be subject to a background investigation and drug/alcohol screen test.**

Trinity Bay Conservation District does not discriminate on the basis of race, color, national origin, sex, religion, age or disability in employment or the provision of services. To request a reasonable accommodation or other assistance contact Human Resources at (409) 296-3602 or mail your request to P.O. Box 599, Stowell, Texas 77661. The district may consider all related education and/or experience in determining the applicant's minimum qualifications and starting salary.