

YOLO COUNTY FLOOD CONTROL & WATER CONSERVATION DISTRICT

JOB ANNOUNCEMENT SCADA TECHNICIAN

General Description

Yolo County Flood Control & Water Conservation District (District) is accepting resumes for the position of SCADA Technician. Yolo County Flood Control is a special district located in Woodland, California. The District's primary mission is to provide surface water for agricultural purposes in western Yolo County, and it serves approximately 225,000 acres of agricultural land. The District is instrumental to maintaining the economy and agricultural heritage of Yolo County.

Under general supervision, persons in the SCADA Technician position support the Water Resources Program by performing both field and office duties. These duties include programming and configuration of SCADA server computers and software, programming PLCs at SCADA field sites, managing and troubleshooting instrumentation and data collection and analysis. Field duties include repairing, installing, and troubleshooting control, monitoring, communication, and power generation equipment.

Examples of Essential Functions and Other Duties

1. Assists in programming, configuring and operation of SCADA database software at all District facilities.
2. Programs PLCs, dataloggers and other computer equipment.
3. Installs, configures and maintains ethernet radio equipment.
4. Manages databases including uploading and exporting data, writing queries, and performing quality control on the data.
5. Performs server maintenance including cleaning, and upgrading software and hardware.
6. Provides computer and communications support for office and field staff.
7. Maintains Water Resources Department equipment, tools and measuring devices.
8. Writes reports, and develops and documents procedures.
9. Fabricates and maintains mounting, conduit, and enclosure systems for Water Resources Department equipment.
10. Performs various water level and flow measurements using a variety of mechanical, pressure, ultrasonic, and Doppler meters, as well applying weir and flume measurements.
11. Designs, and or assist in the design and implementation of remote and automatic controls, data acquisition and water monitoring information systems.

Required Knowledge and Abilities

Knowledge of:

1. Electronics and electrical circuits, electrical safety and other applicable safety standards.
2. Mathematics including percentages, polynomial equations, and linear interpolation.
3. Fundamentals of computer programming.
4. Computer proficiency including word processing, spreadsheet, presentation, and data management protocols.

5. Proper use of office equipment including computers, smart phones, and two-way radios.
6. Safe and proper operation of field equipment including basic hand and power tools, multimeter and other electrical test equipment.

Ability to:

1. Comprehend and apply technical methods of data acquisition, monitoring and analysis.
2. Read and interpret electronic plans and schematics.
3. Learn canal operations, and water management concepts.
4. Work outdoors in a variety of physical environments including sun, heat, cold, wet and perform occasional climbing
5. Be detail oriented.
6. Communicate in a professional manner both verbally and in writing.
7. Manage time and complete tasks in a timely fashion.

Desirable Qualifications

Candidates must have a minimum of two years of experience in programming, troubleshooting and maintaining data acquisition equipment and software and/or a technical or Bachelor's degree in Agricultural Engineering, IT, Systems Administration, Agricultural Systems Management, Instrumentation Technology or a related field, and possession of a California Class C license

Physical Examination

Candidates for this position must pass a physical examination, which includes a substance screening as part of the employment placement process.

Salary

This non-exempt position is compensated between \$23.60 - \$28.59 per hour. The District's benefit package includes medical, vision, disability and life insurance, dental benefits, sick leave, vacation and a generous retirement plan.

To Apply

Submit cover letter and resume by email or USPS to the address or email below:

Attn: Jennifer Reed
Yolo County Flood Control & Water Conservation District
34274 State Hwy 16
Woodland, CA 95695

Email: jreed@ycfcwcd.org

Questions may be directed to Tim Ireland at 530-662-0265 or tireland@ycfcwcd.org

Job Posting Statement

Yolo County Flood Control & Water Conservation District prohibits discrimination based on race, color, religion, gender, national origin, age, disability, veteran status, marital status, pregnancy, gender expression or identity, sexual orientation or any other legally protected status.