



San Luis & Delta-Mendota Water Authority

842 6th Street, P.O. Box 2157, Los Banos, California 93635, (209) 826-9696, FAX (209) 826-9698

Notice of Job Openings SCADA ENGINEER TRACY AREA

Deadline: 12:00 noon, Wednesday, September 1, 2021

Annual Salary (Steps):

Step I: \$106,169.95

Step II: \$112,415.24

Step III: \$124,905.82

Web Address: www.sldmwa.org

MINIMUM QUALIFICATIONS

Experience: Associate Degree in Electrical Engineering, Technology or related field required (experience may be substituted for the required education on a year-for-year basis); three years' journeyman experience in technical work in the installation inspection, testing, calibration, troubleshooting, maintenance and repair of electronic and SCADA systems.

License/Certificate/Registration Requirement:

Possession of a valid California Class C Driver License may be required at the time of appointment. Failure to obtain or maintain such required license(s) may be cause for disciplinary action. Individuals who do not meet this requirement due to a physical disability will be considered for accommodation on a case-by-case basis.

Possession and proof of a driving record free of multiple or serious traffic violations or accidents for at least two (2) consecutive years. The driving record will not contribute to an increase in the Authority's automobile rates.

Abbreviated Job Description: Under general direction of the Engineering Manager, provides oversight and direction for SCADA projects that includes, the design, planning, procurement, and installation. Performs a variety of complex electronic and electro-mechanical design, installation, preventive maintenance, calibration and repairs to communications equipment, electronic controllers, encoders, data logging equipment, telemetering, flow metering, and computer equipment; programs HMI, HMI servers, PLCs, RTUs, multiplexers, modems, level detectors, flow meters, etc.; Must be knowledgeable in the use and application of various PLC's, GUI's, communications and field devices for proper selection to achieve project goals. Must be able to resolve complex problems and to provide guidance and direction to others as well as to management; performs related work as required.

Examples of Duties:

The duties listed below are illustrative only and are not meant to be a complete and exhaustive listing of the duties and responsibilities of the classification.

- Design, configure, startup, test, commission, and maintain applications using SCADA HMI software (Wonderware, APT, Ladder Logic);

- Develop and maintain long term operation, maintenance, and replacement plans of SCADA system and equipment.
- Develop project budgets and long-term planning budgets.
- Design, develop, install and maintain applications using various industrial PLC software packages;
- Troubleshoot and repair supervisory control equipment of pumping plants and automated canal check structures;
- Develop and maintain as-built system configuration. Maintain and repair computerized control/data acquisition systems for pumping/generating plants;
- Maintain and calibrate transducers and establish engineering units for HMI;
- Maintain, repair and install radio, satellite, and fiber optic communication systems;
- Design, install and maintain data communication protocols, digital communications networks and communication mediums;
- Proficient in programming Computers HMI (Wonderware) and PLC's;
- Research, document and apply advanced integrations of operational data with other web based and data based systems;
- Develop and apply analytical tools;
- Manage outside service contracts associated with SCADA equipment;
- Perform special studies and tests and analyze results and trends of tests and determine course of action;
- Direct technical staff as required in the installation and maintenance of SCADA equipment.
- Other duties as may be assigned

Ability to:

- Apply theory principles and practices of electrical and communications related electronics
- Provide detailed knowledge of computer based supervisory control systems and equipment
- Utilize detailed knowledge of principles and practices of various electronic test equipment
- Apply basic telecommunications operations
- Use a wide variety of electronic test equipment
- Organize data and maintain records, communicate effectively orally and in writing
- Establish and maintain cooperative working relationships with staff, outside agencies, and vendors
- Regularly and consistently meet attendance/punctuality requirements
- Follow instructions, work independently and cooperatively with others

How to Apply: Obtain application online at www.sldmwa.org/job-openings. Submit a San Luis & Delta-Mendota Water Authority's employment application by mail (postmarks will not be honored), or email attachment to: apply@sldmwa.org. Due to the current pandemic, we are closed to the public and not accepting in person application drop off.

San Luis & Delta-Mendota Water Authority
 Human Resources Department
 842 6th Street, P.O. Box 2157
 Los Banos, CA 93635
 Office Hours: 8:00am to 4:00pm, Monday ~ Friday

Resumes are encouraged; however, a resume will not be accepted in lieu of required application packet materials. Faxed application materials will not be accepted.

SELECTION PROCESS

Required Application Materials: The San Luis & Delta-Mendota Water Authority application must be submitted and received no later than the final filing date in order to be considered for this recruitment.

Meeting the minimum qualifications for this position does not guarantee that you will be selected for further consideration. Only those individuals found to be most qualified will advance to an oral interview.

Should you feel you need special accommodations for any skills test and/or interview, due to a qualifying disability, please contact the Human Resources Department at (209) 826-9696.

Verification of Employment: The Authority conducts verification of a candidate's employment history, education and training and other information contained in the Employment Application and any other materials submitted by a candidate in an application packet.

Conditional Offer of Employment: An offer of employment will be conditional upon legal ability to work in the United States and verification of a candidate's employment history, education and training, other information contained in the Employment Application, and any license requirements. This organization participates in E-Verify.

BENEFITS

Retirement Benefits: 401(a) Defined Contribution Plan: A 401(a) Defined Contribution Plan is funded by the Authority contributing equal to 8% of your gross, base annual salary. **457 Deferred Compensation Plan:** participation in the 457 Deferred Compensation Plan is an election. If the employee elects to participate in the 457 Deferred Compensation Plan, the Authority will match up to 5% of an employee's base annual salary. The total potential combined contributions for the 401(a) and the 457 plans by the Authority may amount to a maximum of 13% of your gross base annual salary. *All contributions under both plans vest immediately to you.* A Retirement Health Savings Plan is also available.

NOTE: You should be aware that the Authority does not participate in Social Security. This may affect Social Security benefits you have already earned upon retirement.

Health Benefits: Three (3) medical benefit plans offered through ACWA-JPIA (Blue Cross PPO, Blue Cross HMO, Kaiser HMO). The Authority contributes 100% (depending on the plan) of the premium for the employee and 75% for the employee's eligible family members (depending on the plan).

Dental & Vision Benefits: The Authority contributes 100% of the premium for the employee and the employee's eligible family members.

Employee Assistance Program: Available to employees and their household members.

Holidays: Employees receive eleven (11) paid holidays, including one (1) floating holiday.

Vacation & Medical Leave: Vacation leave is accrued at the rate of 80 hours per year up through year 4. At year five, leave increases to 120 hours per year. At 10 years of service, vacation leave is accrued at the rate of 140 hours and at 15 years of service, vacation leave increases to a maximum of 160 hours per year. Medical leave accrues at the rate of 8 hours per month.

Optional/Voluntary Benefits include access to:

- Life Insurance
- Short/Long Term Disability Insurance
- AFLAC
- Credit Union
- Compressed Work Week (contingent upon individual work group needs)

*The San Luis & Delta-Mendota Water Authority is an Equal Opportunity,
Male/Female/Vet/Disabled Employer*