

GCID



GLENN-COLUSA IRRIGATION DISTRICT

is seeking an

ENGINEERING TECHNICIAN



Exceptional Opportunity

The Engineering Technician position at the Glenn-Colusa Irrigation District, Northern California's largest agricultural water district, presents a unique and exciting opportunity to join our dynamic, public service-focused team.

www.gcid.net



The Position

Under direction of the District Engineer, the Engineering Technician assists with the District's engineering activities and services. The Engineering Technician performs a variety of responsible technical engineering support work, including field surveys, collection and analysis of field data, preparation of technical drawings and maps, mapping and documentation of District property interests and infrastructure, organization of records, and helping the District meet legislative and environmental compliance requisites.



The District

Glenn-Colusa Irrigation District (GCID) serves agricultural water needs within Glenn and Colusa counties in Northern California. Its primary water right was established in 1883, making it one of the oldest and largest water rights on the Sacramento River. The District was formally organized as the Glenn-Colusa Irrigation District in 1920. GCID's core mission is to deliver a secure and reliable water supply to its landowners and water users, as efficiently and economically as possible, while preserving and protecting all resources. Covering more than 175,000 acres, GCID is the largest agricultural district in the Sacramento Valley and one of the largest in the state. GCID's main pump station, its only diversion from the Sacramento River, is located near Hamilton City. An extensive canal system, including a 65-mile main canal and more than 1,000 miles of laterals and drains, conveys the water to more than 1,200 water users, irrigating about 140,000 acres of farmland. GCID also serves 1,200 acres of private habitat land and more than 21,000 acres of protected federal wildlife refuges.



Essential Functions

- ✓ Assist with the preparation of designs, plans and specifications for the construction and development of District structures and facilities
- ✓ Assist with the collection, analysis and refinement of field data
- ✓ Prepare estimates of materials and quantities in the development of plans, profiles, maps and drawings for construction projects
- ✓ Conduct topographic field surveys, grade-staking surveys and bathymetric surveys
- ✓ Assist with the preparation of legal exhibits, permits and easement agreements
- ✓ Review and interpret land title transfers for District assessment procedures
- ✓ Assist landowners and water users with field acreage adjustments, including field surveys and aerial photography interpretation for irrigable field acreage determinations
- ✓ Assist with the implementation of the District's Capital Improvement Plan
- ✓ Assist with the maintenance and enhancement of the District's records, infrastructure inventory and Geographic Information System (GIS)
- ✓ Participate in a variety of water studies; perform functions related to assigned special projects
- ✓ Assist with data collection and reporting to meet state and federal legislative requirements, including environmental and volumetric flow measurement elements
- ✓ Provide responsible staff assistance to the District Engineer
- ✓ Adhere to District standards for drawings, plans, maps, filings, construction and other work

OTHER DUTIES

- ✓ Prepare correspondence related to engineering functions
- ✓ Represent the District at meetings and conferences as delegated
- ✓ Provide support to the Engineering Department in making presentations regarding engineering issues and projects
- ✓ Maintain proper work safety standards
- ✓ Establish and maintain cooperative working relationships with co-workers, outside agencies and the public
- ✓ Demonstrate regular attendance and adherence to prescribed work schedule to conduct job responsibilities
- ✓ Perform related duties as assigned



Job Standards/Specifications



KNOWLEDGE OF:



Engineering principles and practices related to water conveyance and management



Structure and facility design, and construction methods and techniques



Principles and practices of water supply development, chemical and biological aspects of water pollution and local water problems, including their relation to state and regional plans



Contract development and administration



Land survey principles and practices



Property and easement legal descriptions, including metes and bounds



Pertinent federal, state and local laws, codes and regulations



Application and use of current computer-based design mapping and data management programs, including: AutoCad Civil 3D, ArcGIS Desktop, SonTek RiverSurveyor Live, Hypack, Win-Situ, Google Earth, ParcelQuest



Application and use of Microsoft Word, Access, Excel and PowerPoint programs



Supervisory Control and Data Acquisition (ClearSCADA)

ABILITY TO:



Aid in the implementation of District projects and engineering workflows in coordination with staff, consultants, agency personnel and others



Assist with the operations, services and activities of the Engineering Department



Read and prepare plans, specifications and District engineering standards



Prepare and review a variety of engineering studies and reports



Use computer systems and software packages related to engineering analysis and functions



Communicate clearly and concisely, both orally and in writing; prepare clear and focused correspondence and reports



Effectively represent the District's engineering functions with the public, other governmental agencies, contractors, developers and professional engineering consultants



Work irregular or extended hours

TYPICAL PHYSICAL ACTIVITIES

- ✓ Travel by vehicle while conducting company business
- ✓ Carry, push, pull, reach and lift objects of up to 25 pounds, such as computers and small office equipment
- ✓ Ability to lift or move objects of up to 50 pounds when engaged in field work
- ✓ Sit, stand and walk for extended periods
- ✓ Sit at a desk for an extended period
- ✓ Operate office equipment such as copiers and FAX machines, requiring sufficient finger/hand coordination and dexterity
- ✓ Hearing and vision within normal ranges with or without correction

ENVIRONMENTAL FACTORS

- ✓ 50% or less work time spent outside and exposed to the sun
- ✓ Work in an environment with exposure to dust, dirt and hazardous materials
- ✓ Considerable work time may be spent in temperatures above 80 degrees, wind, wet and cold conditions, and humidity
- ✓ May occasionally may be exposed to unusually loud sounds
- ✓ May work on slippery or inclined surfaces
- ✓ May work in or around areas with minor amounts of dust



Experience and Training

Any combination of experience and training that provides the required knowledge and abilities will be considered.

Experience

Two years of technical engineering experience

Training

Equivalent to the completion of 12th grade with specialized college-level course work in engineering, drafting or a related field

License, Certificate, Registration Requirement

Possession of a valid California Class C Driver's License required at the time of appointment. Failure to obtain or maintain such requirement due to a physical disability will be considered for accommodation on a case-by-case-basis



Compensation, Benefits, Career & Culture

In addition to health and compensation benefits, GCID provides career-related assistance such as professional coaching, ongoing training and industry networking opportunities.

- ✓ Health, Dental and Vision (Employee and family coverage)
- ✓ Life Insurance
- ✓ Short- and Long-term Disability Insurance
- ✓ Holidays - 12 per year
- ✓ Annual Leave Policy (20-32 days, depending on length of employment)
- ✓ Defined Contribution Pension Plan (District contributes 10% of employee's annual salary)
- ✓ Social Security Benefits
- ✓ Deferred Compensation Plan
- ✓ Section 125 Cafeteria Plan

Salary Range - \$58,560 - \$82,400



GCID

344 East Laurel Street, Willows, CA 95988
(530) 934-8881 | www.gcid.net



Application Process & Recruitment Schedule

To learn more about GCID, visit our website at www.gcid.net. Application available at www.gcid.net/careers. Please submit application, cover letter and resume online or mail to P.O. Box 150, Willows, CA 95988.

Closing date: Open until filled