



LOMPEC UNIFIED SCHOOL DISTRICT

IRRIGATION TECHNICIAN

JOB SUMMARY:

Under the direction of the Director of Maintenance and Operations, perform skilled and semi-skilled work in the installation and maintenance of sprinkler systems and auxiliary controls; perform general gardening and grounds maintenance duties.

ESSENTIAL DUTIES AND RESPONSIBILITIES:

- Install commercial automated irrigation systems and components such as sprinkler and misting systems and components, drip irrigation, back flow prevention valves, electronic time clocks, automatic controllers and anti-syphon valves; determine methods and means to conserve water and soil resources; maintain attractiveness of district facilities.
- Design layouts for automated irrigation systems including choice of components and their positioning; optimize water use; coordinate job scheduling with other trades; ensure work is completed in an efficient and effective manner.
- Inspect District sites to identify repair needs and minimizing damage; inspect the work of outside contractors prior to approving for payment; ensure that work meets job specifications and safety standards.
- Instruct other personnel; provide information on the proper operation of systems and services; review blueprints to recommend changes in layout prior to installation.
- Maintain installed commercial automated irrigation systems including diagnosing electric, mechanical, electronic problems and programming electronic controllers; procure equipment and supplies; maintain availability of required items and completing jobs efficiently.
- Program commercial electronic controllers; repair irrigation systems and components such as valves, wiring, O-rings, electronic timers, switches, timer motors, panels; ensure equipment and components are in proper working order.
- Research irrigation and plumbing systems and equipment; obtain information for decision making and recommendations.
- Schedule precision watering; ensure optimum watering levels; minimize disruption of services.
- Transport a variety of items including tools, equipment, supplies; ensure the availability of materials required at job site; drive a vehicle to conduct work.

OTHER DUTIES:

- Perform related duties as assigned.

REQUIRED QUALIFICATIONS:

Education and Experience:

Any combination equivalent to: graduation from high school and one-year experience in the maintenance and repair of automatic sprinkler systems.

Licenses and other Requirements

Irrigation Technician



- Valid California Class C driver's license.
- Criminal Justice Fingerprint/Background Clearance.
- TB Clearance.

Knowledge of:

- Procedures, methods, techniques, materials, supplies, tools and equipment used in the installation, repair and maintenance of sprinklers and irrigation systems.
- Building codes and other restrictions pertaining to sprinkler irrigation systems.
- Proper operation of a variety of hand and power tools and heavy equipment related to the irrigation field.
- Principles, practices and maintenance of electronic controllers used in irrigation systems.
- Health and safety regulations.
- Proper lifting techniques.
- Oral and written communication skills.
- Interpersonal skills using tact, patience and courtesy.
- Basic record-keeping techniques.
- Arithmetic computations.

Ability to:

- Perform skilled work in the installation, repair and maintenance of designated irrigation systems and related parts, components and equipment.
- Interpret and work from blueprints, plans, schematic drawings and sketches.
- Inspect existing irrigation systems to ensure proper operation.
- Estimate materials and supply needs.
- Operate a variety of hand and power tools and equipment.
- Requisition parts and supplies according to established guidelines.
- Meet schedules and timelines.
- Make mathematical calculations.
- Plan and lay out work.
- Observe health and safety regulations.
- Work independently with little direction.
- Communicate effectively both orally and in writing.
- Establish and maintain cooperative and effective working relationships with others.
- Maintain routine records related to work performed.

WORKING CONDITIONS:

Work Environment:

- Outdoor work environment.
- Seasonal heat and cold or adverse weather conditions.
- Exposure to fumes, dust and odors.
- Driving a vehicle to conduct work.

Physical Demands: The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

- Dexterity of hands and fingers to operate hand and power tools and equipment.
- Sitting or standing for extended periods of time.
- Walking over rough or uneven surfaces.
- Seeing to read a variety of materials and perform irrigation repair duties.
- Lifting, carrying, pushing or pulling heavy objects as assigned by position.
- Bending at the waist, kneeling or crouching.
- Reaching overhead, above the shoulders and horizontally.
- Heavy physical labor.
- Digging.
- Generally, the job requires 20% sitting, 40% walking and 40% standing.

Hazards:

- Working around and with machinery having moving parts.
- Exposure to chemicals and fumes.

The information contained in this job description is for compliance with the Americans with Disabilities Act (A.D.A.) and is not an exhaustive list of the duties performed.

FLSA Status: Non-Exempt

Board Approval Date: February 14, 2023

Personnel Commission First Reading: November 17, 2022

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Salary Range: 40