JOB DESCRIPTION

Coachella Valley Water District

TITLE: Irrigation Utility Worker I

OR

TITLE: Irrigation Utility Worker II

SECTION: Canal Maintenance

DEPARTMENT: Trades and Support

REPORTING RELATIONSHIP:

Reports to: Crew Supervisor

Supervises the following positions: Not applicable

DISTINGUISHING CHARACTERISTICS:

Irrigation Utility Worker I is the entry-level class. Initially under direct supervision, incumbents learn to perform a variety of semi-skilled construction and maintenance duties for the Canal system.

Irrigation Utility Worker II is the skilled, journey-level class in this series. Under general supervision, incumbents are expected to perform the full range of assigned duties. This class differs from the lower-level class in the skill level required and the complexity of assigned projects based on knowledge of the District’s equipment, systems, standards, and procedures. Assignments may vary, may encompass a variety of tasks, seldom require detailed instructions and require sound judgement and initiative.

ESSENTIAL FUNCTIONS:

1. Construct, install and repair inspection sumps, Drain lines and related facilities on the Canal system.

2. Lay and replace concrete pipe which may include manually leveling pipe bed, operating compaction equipment, breaking down concrete pipe using a sledge hammer, cut-off saw and jack hammer, and hand mix cement. Remove and replace broken cement lining on channel slopes.

3. Repairs, replaces and performs jetting of tile lines on the agricultural drainage system.

4. Install, repair and maintain chain link fencing and pipe gates along the Coachella Valley and Whitewater River Stormwater Channels.

5. Clean and maintain monitoring wells.
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ESSENTIAL FUNCTIONS (Cont.)

6. Operate compressor and paint gun to paint signs and protect and maintain appearance on all facilities.

7. Operate an arc welder and cutting torch.

8. Perform weed eradication using herbicides and equipment associated with the spray program and manually removing weeds using hand tools.

9. Adhere to District safety rules, wearing appropriate safety equipment, which include traffic control, job sites, preparing trenches with shoring or sloping and inspecting equipment prior to use.

MINIMUM QUALIFICATIONS:

License or Certificates: Valid California Operators license issue by the State Department of Motor Vehicles. Department of Motor Vehicles driving record may influence employment or classification.

Experience: Training and experience that would provide the required knowledge and abilities. For the Irrigation Utility Worker II level, a typical way to have the required knowledge and abilities would be to have 2 years experience as an Irrigation Utility Worker I on the Canal system.

Knowledge of:
- Maintenance procedures and operation of the canal system.
- Materials, supplies and equipment needed to carry out construction and maintenance duties.
- Geography of the District facilities and location on the canal system.
- Herbicides and equipment used in weed eradication.
- Safe working practices and procedures.
- Basic welding practices and procedures.

Abilities:
- Carry out assignments with minimal supervision.
- Use hand tools with skill and safety.
- Operate a variety of light and moderately heavy mechanical equipment safely and skillfully.
- Follow oral and written instruction.
- Communicate effectively both verbally and in writing.
- Work cooperatively with others.
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PHYSICAL REQUIREMENTS:

1. Drives district vehicle to job sites including over rough terrain. Communicate using a two-way radio. Driving: High.

2. Work in confined spaces and trenches.

3. Climb ladders and work at heights of 50 feet.

4. Work in extreme weather conditions including heat and rain. Will work in areas containing dust, fumes, and chemicals.

5. Use a shovel to dig and backfill trenches expose underground utilities, pipelines, valves and other excavations.

See Human Resources for physical assessment form.