JOB DESCRIPTION

JOB TITLE: Irrigation Specialist

Job Family: Maintenance & Operations

Range: 36

Job Purpose Statement/s: The job of "Irrigation Specialist" is done for the purpose/s of performing and supervising maintenance and repair work involving one or more specialized skills in grounds and grounds equipment maintenance; possess a high degree of skill to perform complex tasks related to grounds maintenance and repair, possess appropriate valid license(s); work independently and may serve in a lead role for other ground workers for specific projects.

Essential Job Functions:

* **Performs** grounds keeping tasks related to water distribution and irrigation systems.
* **Performs** grounds keeping tasks related to safe application of chemical sprays.
* **Performs** grounds keeping tasks related to landscaping modifications and refurbishment.
* **Maintains** inventories of equipment and supplies.
* **Keeps** basic records.
* **When** not engaged in grounds maintenance or repair duties, may assist as required in a variety of grounds keeping work throughout the District.
* **Installs** and maintains irrigation backflow prevention devices.
* **Installs,** programs and repairs automated irrigation-timing controllers.
* **Installs**, maintains and repairs irrigation booster pump systems.
* **Diagnoses** and corrects irrigation problems due to valve and other equipment malfunctions, design flaws and turf/landscape management difficulties.
* **Calculates** irrigation pressure requirements for existing and planned systems to include gallons per minute and spray radius specifications.
* **Develops** equipment and turf/landscape specifications for new irrigation systems and redesigned systems.

Other Job Functions:

* **Assists** other personnel as may be required for the purpose of supporting them in the completion of their work activities.
* **Evaluates** landscaped areas, equipment, sprinkler systems and grounds (e.g. fields, parking areas, etc.) for the purpose of identifying repairs and/or replacement needs, maintain schedules and preventing erosion.
* **Requests** materials, supplies and equipment for the purpose of ensuring that adequate materials are available to complete assignments in a timely manner.
* **Transports** various items (e.g. equipment, supplies, etc.) for the purpose of providing materials at job site as required to complete tasks.

Job Requirements - Qualifications:

* **Experience Required**: Three (3) years prior job related experience with progressive experience in landscape and irrigation maintenance.

* **Skills, Knowledge and/or Abilities Required**:

  Skills to read and interpret plan; operate equipment in safe manner, perform basic math necessary to calculate fertilizer and chemical applications.

  Knowledge of methods and use of tools and equipment utilized in grounds maintenance; safe work practices standards for safe use of fertilizers, chemicals and equipment.

  Ability to walk for prolonged periods, follow oral and written instructions, work independently with minimal supervision, perform a variety of tasks. Significant physical abilities include lifting/carrying/pushing/pulling, reaching/handling, talking/hearing conversations, and far visual acuity. Understand and carry out oral and written instructions, including the reading of working drawings, blueprints and plans.

* **Education Required**: High School diploma or equivalent.

* **Licenses, Certifications, Bonding, and/or Testing Required**: Valid Driver's License and evidence of insurability, Criminal Justice Fingerprint Clearance, negative pre-employment drug screen test and negative TB test results. Successful completion of District Proficiency Test.