JOB DESCRIPTION

Title: Engineering Intern

Reports to: Engineering Supervisor

Group/Department: Engineering Department

Updated: March 2015

Wage: $15-$18 /hour
FLSA: Non-exempt

Job Summary:

Responsible for acquiring GPS data utilizing Trimble R10 survey equipment, assist with construction inspections on sanitary sewer and culinary water lines, laterals, and services; create and maintain documentation regarding these projects; regularly communicate and provide contractors with approvals/testing when required; assist with other Engineering Department responsibilities.

This position is for 40 hours per week (8:00 am -5:00 pm) May 2015 through August 2015 (exact dates can be flexible with the candidate’s school schedule).

This position is temporary (seasonal) and will not be eligible for benefits.

Essential Duties and Responsibilities:

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<th>Description</th>
<th>% of Time</th>
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<td>1. Conduct survey studies utilizing GPS equipment. Responsible for coordinating with GIS Specialist to incorporate the data into the District’s database.</td>
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<td>2. Assist with inspections of residential and commercial culinary water and sanitary sewer mainlines, services, laterals, and appurtenances to confirm that all District and local regulatory requirements have been met, including any and all testing requirements.</td>
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<td>3. Perform other duties, as assigned by Engineering Supervisor.</td>
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General Qualification Requirements

To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed below are representative of the knowledge, skill, and/or ability required. The requirements of this position provide that the employee work in a safety sensitive manner and should carry out his/her duties as such.

Prior Work Experience: Experience with GPS survey equipment preferred. Previous experience in work related to water and sewer line construction preferred.

Education and Training: The ideal candidate will be pursuing a degree in Civil Engineering, Construction Management, or other closely related field and will have completed at least one academic year of college coursework. High school diploma required.

Licenses, Certifications, Etc.: 1-Valid Utah driver’s license.
Background Knowledge:

1. Requires a basic knowledge of technical procedures for the industry including pipe networks, pipeline design, hydraulic systems, survey practices, traffic control, and industry standard construction practices.

2. Requires a basic knowledge of the District’s products and services; basic knowledge of operating policies and procedures.

Performance Expectations:

1. Must have the ability to plan, coordinate and implement projects independently and report the outcomes of those projects to management.

2. Must be able to make logical decisions using generally recognized skills and techniques.

3. Must have communication skills with the ability to communicate with management, contractors, developers, the general public and business vendors.

4. Must be able to function under the direction of others and use common construction practices to make decisions regarding infrastructure.

Required Skills and Abilities:

1. Must be able to rely on policy, written guidance or internal discussions to resolve problems.

2. Must have verbal skills to communicate effectively with employees and external business contacts. Must have experience with Microsoft Word and Excel.

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.

1. Common dexterity is continuously required.
   a. While performing the duties of this job, the employee is regularly required to: talk and hear.
   b. The employee is frequently required to: sit or perform repetitive wrist, hand and/or finger movement.
   c. The employee is occasionally required to: feel attributes of objects, grasp, push, stand, walk, drive, reach with arms or hands, stoop, kneel, crouch and crawl.
   d. The employee must lift weight or exert force as follows:
      i. Regularly: Up to 10 pound
      ii. Frequently: Up to 20 pounds
      iii. Occasionally: Up to 40 pounds
      iv. Rarely: Up to 100 pounds
   e. Specific vision abilities include: Clarity of vision at 20 feet or more and 20 inches or less. Ability to adjust eye to bring an object into sharp focus.

2. Frequent exposure to outdoor weather conditions. Challenging working conditions on construction sites. Frequent exposure to moderate noise, airborne particles, oils, vibration, wet or humid conditions, near street traffic or confined spaces.
Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

**Overall Effort and Work Location:**

1. Has frequent contact with contractors, other utility agencies, and District customers.
2. Must be able to withstand regular periods of moderate physical or mental activity.
3. Must be able to work a predictable and consistent schedule. Occasional overtime may be required.

**Supervision and Coordination Required:**

- Directly supervises: 0 employees
- Indirectly supervises: 0 employees