ASSISTANT ENGINEER II - CIVIL (PE Not Required)

Fri. 10/25/19 11:59 PM Pacific Time

$8,205.60 - $10,505.73 Monthly

5750 Almaden Expressway, San Jose, CA, California

Hydrology, Hydraulics and Geomorphology Unit (Position Code 0443)

Overview:
This position requires basic knowledge of hydraulics and/or hydrologic modeling and a background in basic civil engineering. The work entailed will include a mix of building hydraulics models, writing technical reports, and performing general tasks as required. This position will work under supervision from an Associate or Senior engineer position.

Key Responsibilities include, but are not limited to:

- Conduct hydraulic/hydrologic modeling tasks.
- Conduct data analyses on hydrologic data.
- Write technical reports and review submittals.
- Perform field work and other tasks as needed.

Ideal Candidate's Background Includes:
Applicants whose experience and background best match the ideal experience, knowledge, skills, abilities and education are considered ideal candidates for the position. To determine the top candidates, each applicant will be assessed based on the ideal candidate criteria listed below:

Ideal Experience:

- Two (2) years of professional civil engineering experience in the field of water resources.
- 1-2 years of experience in running computer models related to water resources practices.
- Previous field work experience in any capacity (i.e. conducting surveying work, environmental sampling, or construction site inspections).
- Proven track record of being flexible and resilient in a dynamic work environment.

Ideal Knowledge:

- Understanding of principles, practices, theories, and concepts of open channel hydraulics and surface hydrology.
- Familiar with computer modeling tools, such as Hydrologic Engineering Center's River Analysis System (HEC-RAS) and Hydrologic Engineering Center's Hydrologic Modeling System (HEC-HMS).
- Familiar with GIS software and tools.

Ideal Skills and Abilities:

- Familiar with computer modeling tools, such as Hydrologic Engineering Center's River Analysis System (HEC-RAS) and Hydrologic Engineering Center's Hydrologic Modeling System (HEC-HMS).
- Familiar with GIS software and tools.
- Effective communication skills, both written and oral.
- Ability to learn and adapt quickly to changing demands.
- Have a "can-do" attitude.

Ideal Training and Education:

- Graduation from a four-year college or university with major coursework in civil or environmental engineering.
- Engineer-In-Training (EIT) is preferred.
- Professional Engineer license is a plus.

Closing Date for Applications: Closing Fri. 10/25/19 11:59 PM Pacific Time

For detailed information regarding requirements and qualifications for this opening and to apply online, please see the job posting by clicking on the following link: https://www.governmentjobs.com/careers/scvwd

Please visit our website: www.valleywater.org