

Associate Engineer (PE Required – 2.5% differential applies)

Description

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Pipelines Project Delivery Unit (Position Code 0247)

COVID-19 vaccination requirement:

***To protect our most valuable assets, our employees, as well as the communities we serve, Valley Water requires all newly hired Valley Water personnel to be fully vaccinated (for COVID -19) or to be formally excused from the requirement through the **reasonable accommodation process (for details, see bottom of job posting)**

Valley Water Telework Program: Eligibility for telework will depend on the type of work performed, operational needs, and the ability for the employee to perform the essential functions of their job duties while teleworking. Employment with Valley Water requires employees to live within 150 miles of their primary physical work location located in San Jose, California by their start date.

This position is eligible for a hybrid telework schedule, typically working 40% remote and 60% onsite.

Overview:

Are you process driven and an experienced Associate Engineer with 4+ years of experience? If so, below is an excellent opportunity for you to consider.

Do you want to make a difference in your community by ensuring that over 1.9 million people get clean water every day? Valley Water is looking for a highly capable Associate Engineer to join the Water Utility Capital Engineering team that manages, designs, and supports capital improvement projects related to pipelines, reservoirs, treatment and pumping plant facilities. The Associate Engineer will serve as the Engineer of Record and will be responsible for signing and stamping the engineering design plans, specifications, and other technical documents. This position will also serve as Project Manager and supervise, lead, direct, oversee and participate in the work of professional engineering staff on civil engineering design teams for the preparation of civil engineering studies, reports, designs, and construction plans and specifications in the planning and design, and provide engineering support during construction. The Associate Engineer will also train lower-level engineering staff and will also provide quality control reviews of civil engineering design submittals to ensure work quality and adherence to professional codes, standards, and Valley Water specifications. This position may negotiate and administer consultant and professional service contracts and agreements as assigned

Responsibilities

Hiring organization

Valley Water

Employment Type

Full-time

Base Salary

\$10,701.60

Date posted

February 14, 2022

Key Responsibilities include, but are not limited to:

- Perform engineering designs including research, investigations, design analysis and calculations, engineering reports, studies, feasibility, and cost/benefit analysis, etc. Prepare engineering plans, specifications, cost estimates and other technical documents.
- Provide quality control and technical reviews of engineering design submittals to ensure work quality and adherence to professional codes, standards, and specifications.
- Provide engineering support during construction including design changes, submittal review, request for information, change orders, field inspections for construction projects for conformance and compliance to contract documents.
- Perform supervisory duties which may include organizing, directing, leading, planning, scheduling, assigning, and reviewing the work of staff and provide training and technical support to lower-level staff.
- Serve as the Engineer-of-Record (responsible charge) and sign, stamp, and date pipeline project engineering plans, specifications, and other technical documents.

Qualifications**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:

- 4 or more years of experience working on engineering projects related to water infrastructure.
- Sign and stamp designs and engineering documents.
- Prepare plans, specs, technical documents and cost estimates.
- Perform quality control/review of engineering designs and specifications.
- Proficient in Microsoft Office suite, GIS, and AutoCAD.
- Experience with applicable codes, specifications, standards & other project requirements.
- Experience using relevant engineering design software such as InfoWater and InfoSurge modeling software is a plus.
- Experience with alternative project delivery methods, such as design-build, is a plus.
- Experience at a public agency, working on capital projects from planning to design to construction is a plus.
- Operational experience at facilities like water treatment or pumping plants in the capacity of operator or maintenance is a plus.

Ideal Skills and Abilities:

- Ability to lead, coordinate and oversee engineering studies, planning, design and construction projects, and programs.
- Ability to plan, direct, assign and review the work of assigned staff, provide training and technical support to assigned staff.
- Ability to apply engineering principles and computer programs/software to the solution of engineering problems, conduct various engineering studies to recommend engineering solutions and prepare and interpret drawings,

graphs, plans and specifications.

- Ability to interpret and prepare revisions to engineering plans, drawings, and specifications and when serving in registered capacity, review and certify engineering analyses and calculations, plans, drawings, specifications, and contract documents.
- Ability to prepare a variety of technical and administrative reports and documents.
- Ability to set project priorities and exercise sound independent judgment within established procedural guidelines.
- Ability to communicate clearly and concisely, both orally and in writing.
- Ability to establish and maintain effective working relationships with those contacted in the course of work.
- Good Attitude/Hard Working/Team player.

Ideal Knowledge:

- Thorough knowledge in the areas of design, construction, and operation of pipelines, reservoirs, treatment and pumping plant facilities.
- Thorough knowledge of project management principles.
- Knowledge of means, methods, materials, specifications, and codes.
- Represent Valley Water and make presentations to the public, State and Federal agencies, Board of Directors, stakeholders, and internal staff.
- Work collaboratively with all levels across Valley Water.
- Experience managing technical staff.
- Planning, Administration, and management of consultant contracts.

Ideal Training and Education:

Graduation from an accredited four-year college or university with major coursework in civil engineering, mechanical engineering, or a field related to assigned functional areas.

OR

Possession of a valid California Engineer-in-Training (EIT) Certificate with two (2) years of associated paraprofessional engineering experience.

Required License or Certificate

- State of California as a Professional Engineer (PE) is required.
- Possess or has the ability to obtain, an appropriate, valid driver's license. Individuals who do not meet the driver's license requirement due to a disability will be considered for a reasonable accommodation on a case-by-case basis.

Job Benefits

The Santa Clara Valley Water District, now known as Valley Water, offers a comprehensive benefit package including, vacation, holidays, and sick leave as well as medical, dental, vision, EAP, life and disability insurance. In addition, Valley Water participates in the California Public Employees' Retirement System (PERS). To view a summary of benefits, click [here](#)