



Construction Engineer

Arizona Water Company, an investor-owned private utility serving customers throughout Arizona, is currently seeking an individual to work as a Construction Engineer in our Engineering Department located in the Phoenix corporate office.

Under the direction of the Manager – Engineering, coordinates and oversees the daily activities of contractors in the construction and installation of pipelines, fire hydrants, services, wells, reservoirs, booster stations, building, landscaping, and other types of construction. Attend and participate in construction meetings with contractors, consultants, developers, and engineers. Interface with contractors to ensure compliance with the company's plans, specifications, and schedules. Prepare daily, weekly, and monthly reports related to construction activities.

Responsible for a variety of tasks and duties, which may include but not limited to the following:

- Coordinates and oversees the daily activities of contractors in the construction and installation of water treatment facilities, wells, reservoirs, booster stations, pipelines, fire hydrants, services, building, landscaping, and other types of construction.
- Attend and participate in construction meetings with contractors, consultants, developers, and engineers.
- Interface with contractors to ensure compliance with the company's plans, specifications, and schedules.
- Prepare daily, weekly, and monthly reports related to construction activities.
- Monitor and maintain project schedule activities and assist in coordination of jobsite logistics.
- Document construction project status, record materials used.
- Coordinate with company engineers to resolve design and construction issues.
- Confirm all deliveries for accuracy and file paperwork appropriately.
- Monitor all field expenses related to temporary manpower and rentals.
- Foster a cooperative and informative relationship among the construction team.
- Monitor and enforce all company safety policies and procedure.

Skills, knowledge and physical requirements include, but are not limited to the following:

- Knowledge of engineering, design and construction principles and methods, including best practices related to the private development process.
- Knowledge of the company's tariffs.
- Knowledge of Arizona Department of Environmental Quality, Arizona Department of Water Resources, and Arizona Corporation Commission's rules, regulations, and various documents for development.
- Knowledge of mapping, drafting, design and specifications.
- Thorough knowledge of water pipeline construction, including materials and construction methods used.
- Complete knowledge of company construction specifications, and ability to read construction drawings.
- Related technical background, including good knowledge of soil conditions



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encountered throughout the service area, as well as local governmental regulations regarding street openings, traffic control, barricades, and warnings.

- Thorough familiarity with trench safety, safety practices and procedures, as well as sanitary procedures for disinfecting pipelines and services.
- Demonstrated ability to communicate effectively, both orally and in writing.
- Ability to write legibly and maintain sufficient field notes for preparation of as-built drawings.
- Good reading skills and ability to quickly comprehend.
- Ability to interact with all levels of company employees, as well as contractors, outside vendors, public agency representatives, and the general public.
- Must be dependable, punctual, and have good attendance.
- Ability to use computer and related software, such as Microsoft Word, Excel, PowerPoint, and Project.
- Ability to perform repetitive physical activities using feet, legs, hands, and arms, and be able to use a keyboard, walk, sit, stand, bend, stoop, climb, reach, grasp, enter and exit excavations, and occasionally lift up to 75 lbs.
- Must be able to inspect all construction sites and water system facilities.
- Must be able to use company vehicle.
- Must be able to make field surveys and site visits when necessary, requiring the use of company vehicle on company business

Required education, certification or licensing, training and experience:

- Bachelor's degree in Engineering, Construction Management or Building Science from an accredited institution, with five years of experience in civil engineering design/construction, or Associates degree in civil engineering technology and eight years of experience in civil engineering design/construction, or ten years of experience in civil engineering design/construction.
- Must be able to interpret construction plans, specifications, and contract documents.
- Must be able to effectively represent the company with customer, government agencies, suppliers, and contractors; and thorough experience in water facility construction, including materials, and construction methods used.
- Strong interpersonal/communication skills.
- Advanced knowledge of Microsoft Excel.
- Must have AZ driver's license and acceptable driving record.

The company offers a competitive wage and benefits package, including company-paid medical, dental, life and LTD insurances, as well as holidays, vacations, sick leave, and 401(k) plan.

Send detailed resume and application to: awc-hr@azwater.com