



Employment Opportunity Civil Engineer III

City of Phoenix

ABOUT THIS POSITION

The Water Services Department (WSD) is seeking five Civil Engineers III (CE III) with experience as project engineer/project manager for the design and construction of new water and wastewater infrastructure and/or rehabilitation of existing infrastructure, and asset management for these types of facilities.

Position 1: Primarily responsible for managing CIP replacement and rehabilitation projects at four water treatment plants and will require active participation in managing the construction of projects. Duties include development of project scope and cost estimates, procurement and administration of construction contracts, technical review of design plans and specifications, coordination of design and construction activities with customers, Water Distribution, Water Production, and other City Departments, and integration of final construction documents into the Work and Asset Management systems.

Positions 2 & 3: Primarily responsible for overseeing the Water Main Replacement Program, replacing the aging infrastructure of over 6300+ miles of distribution mains. Duties include evaluating a risk model to develop project scope and cost estimates, procurement and administration of study, design, and construction contracts, technical review of design plans and specifications, private plumbing relocations, coordination of design and construction activities with customers, the Water Distribution staff and other City Departments, and integration of final construction documents into the Work and Asset Management systems. This position may also include the supervision of up to six staff, including both engineering and field staff.

Position 4: Primarily responsible for ensuring the structural, operational, and capacity needs of the wastewater collection system which consists of over 4800+ miles of sewer. Duties include development of project scope and cost estimates, procurement and administration of study, design, and construction contracts, technical review of design plans and specifications, coordination of design and construction activities with customers, the Wastewater Collection Field Operation's Division and other City Departments, and integration of final construction documents into the Work and Asset Management systems.

Position 5: Primarily responsible for managing and performing asset management functions, and computer maintenance management system (CMMS) functions, for water/wastewater utilities including water and wastewater piping systems, remote facilities such as booster stations and lift stations, and water and wastewater treatment facilities. This position will mainly provide asset management support to the operating divisions in WSD, and duties will include staff supervision, preparing monthly operation asset management reports, working closely with operating divisions to configure CMMS for scheduling routine maintenance and capturing completed work, coordinating with project managers to incorporate new assets from newly constructed or modified facilities and associated maintenance needs into the asset management data base and CMMS.

The Aviation Department has a vacancy for a Civil Engineer III*Team Leader position.

SALARY

Civil Engineer III: \$67,496 - \$102,648 annually.

Civil Engineer III*Team Leader: \$74,734 - \$113,485

Candidates may be hired above the minimum depending upon qualifications.

A comprehensive benefits package is offered which includes traditional pension with employer and employee contributions; choice of medical HMO, PPO, or HSA plan; wellness incentive of up to \$720 annually; dental;

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vision; life insurance; long-term disability; 401(a) and 457 plans; medical enrollment includes a monthly \$150 City contribution to a Post-Employment Health Plan; bus/light rail pass; tuition reimbursement program; paid time off includes 11.5 paid holidays, 12 vacation days, and 15 sick days and personal leave days. For more details, visit: [Unit 7 Benefits](#)

MINIMUM QUALIFICATIONS

- Four years of experience in water/wastewater engineering and/or operations.
- A bachelor's degree in civil or mechanical engineering or a related engineering degree.
- Must be registered in the State of Arizona as a Professional Engineer by the end of the 12-month probationary period, current Arizona Professional Engineer registration preferred.
- Only the highest qualified will be placed on the eligible list.
- The City job description can be found [here](#).
- All finalists for positions are subject to a criminal background check applicable to the department or position.

PREFERRED QUALIFICATIONS – The minimum qualifications listed above, plus:

- Project management and water/wastewater infrastructure design (wastewater collection, wastewater treatment, water production, water distribution operations) experience.
- One year of project management experience in complex capital improvement projects
- Construction management or inspection experience for water/wastewater facilities.
- Experience managing multiple professional services and construction contracts
- Experience managing Construction Manager at Risk (CMAR) and Job Order Contracts (JOC)
- Process design experience in water treatment (Water Engineering opening)
- Underground utility design experience in wastewater (Wastewater Engineering opening) Underground utility design experience in water distribution (Water Engineering opening)
- Master's degree in Civil/Environmental/Chemical Engineering
- Familiarity with principles of Asset Management or other Computerized Maintenance and Management Systems
- Experience developing budget-level estimates for large capital projects
- An understanding of the City of Phoenix water and wastewater systems and standards

RECRUITMENT DATES

First review of applications will occur the week of October 28, 2019. Recruitment will close when we have received a sufficient number of qualified applications or on November 25, 2019, whichever is sooner.

HOW TO APPLY

Apply online by completing the required information and attaching, **as one document**, your cover letter and resume. Please include your experience as it relates to the qualifications stated above. Only the highest qualified may be posted to the eligible to hire list. The results of the resume screening process will be sent to your primary email address.

WHAT YOU NEED TO KNOW

- For other important information related to employment with the City of Phoenix, please [click here](#).
- [Link to All City of Phoenix Employment Opportunities](#)
- If you need assistance applying for this job, please contact our HR Connection Center at [\(602\) 495-5700](#).

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REFERENCE

Civil Engineer III, JC 20230, ID# 33982, 10/13/19, 6 mos, VG, Benefits: 007, Q

City of Phoenix employees commit to Work Smart, Spend Wisely, Be Kind.

City of Phoenix is an equal opportunity employer. AmeriCorps, Peace Corps, and other national service alumni who meet the required qualifications are encouraged to apply.