

Job Posting – Senior Project Engineer

The Springfield Water and Sewer Commission (Commission) is seeking highly motivated and innovative candidates to join our dynamic and growing organization as the **Senior Project Engineer**. The Senior Project Engineer is a leadership position where the engineer actively participates in the day-to-day operations of Commission Engineering and Technical Services Department while supporting the overall operations of the Commission. The Senior Project Engineer will manage critical projects in addition to assigning work, supervising, and mentoring engineering staff. The Senior Project Engineer will report to the Director of Engineering.

The water sector is an exciting field and working at the Commission provides the opportunity for career growth, continual learning, and the ability to be a part of solutions to today's most pressing water issues such as infrastructure renewal, climate change resiliency, emerging contaminants, and sustainability. The Commission is the second-largest water and wastewater system in New England and leads and embraces bold initiatives that will reshape the water sector both locally and nationally for the 21st century. Recently the Commission was identified as a recipient of a competitive \$251 million federal Water Infrastructure Finance and Innovation Act (WIFIA) loan to accelerate its capital improvement program; a total of \$550 million in infrastructure improvements is planned over the next five years. The Commission was the only recipient identified in New England for the WIFIA program in 2021 and the first in Massachusetts. Projects will include large-scale water and wastewater treatment plant upgrades, hydro-electric generating facilities, distribution and collection system upgrades, transmission infrastructure replacement, and system-wide water conservation projects, among others.

The successful candidate will be attracted to this career-defining opportunity to participate directly in the largest portfolio of water and wastewater infrastructure renewal to take place in the region in generations. The rewards include the opportunity to impact the future of the Commission's delivery of clean and safe water for decades to come, while providing an invaluable public service to area communities. Excellent pay, competitive benefits, leadership opportunities, and professional growth support are also offered. This position will help mentor tomorrow's leaders while being part of a progressive, dedicated, and growing team of water professionals who serve the public good.

About The Commission: The Commission was established in 1996 as an independently operated and managed regional water and wastewater utility that provides retail and wholesale water and sewer service to approximately 250,000 customers across multiple communities in the lower Pioneer Valley. Approximately 250 employees operate and maintain a system of one thousand miles of water and sewer pipe, two treatment plants, three reservoirs, 18,000 acres of watershed land, ten dams, and other critical public water infrastructure assets. The Commission's independent governance model allow it to quickly and effectively navigate the many challenges faced by the water sector.

Mission Statement: The Commission's mission is to provide an uninterrupted, high-quality supply of water to our customers, to collect and treat wastewater, and return clean water to the environment.

www.waterandsewer.org

ESSENTIAL DUTIES AND RESPONSIBILITIES include but are not limited to the following:

Oversee the management of multiple and various large scale engineering contracts for the Department, including assessment, design, and construction of water, wastewater, sewer, CSO, and hydropower projects, under the direction of the Engineering Managers or Director of Engineering.

- Develop and manage contracts for engineering and construction services.
- Generate requests for proposals, specifications, drawings, and other contract documents.
- Assist with utility coordination for large scale water, sewer, flood control, CSO projects, and other Commission activities.

- Oversee coordination between other municipalities and governmental agencies concerning large scale water, sewer, flood control, CSO projects and other Commission activities.
- Oversee Commercial, Industrial and Residential development needs for new and replacement water and sewer services
- Perform project planning, cost estimating, project scheduling, and progress report preparation.
- Perform other related duties as assigned.

WORKING CONDITIONS AND PHYSICAL REQUIREMENTS:

The work environment for this position includes an office situation, field and construction sites inspections, potable water and wastewater treatment, sewer collection systems, pumping stations, working with individuals and project teams, and the general public, and training staff. Exposure to extreme weather, dust, noise, and pollutants; some climbing, stooping, light lifting, inspecting confined areas, variable work hours, public speaking is expected.

KNOWLEDGE, ABILITIES, AND SKILLS: Senior Project Engineer abilities and experience required include but are not limited to the following:

- Knowledge of the principles and practices of Civil and Environmental Engineering as applied to water and wastewater engineering and construction focused on water distribution systems, sanitary sewer collection systems, dams, water storage and transmission and water treatment is required.
- Experience in the use of a personal computer and associated software and programs for engineering analyses, database management, document preparation, and general information management.
- Ability to manage small to large scale capital projects with some oversight from the Engineering Manager.
- Ability to work with and manage engineering and other consulting companies with some oversight from the Engineering Manager.
- Ability to understand and interpret engineering plans, shop drawings and specifications
- Ability to understand and interpret regulatory requirements concerning water, sewer, flood control, and CSO; and the ability oversee and manage compliance with said requirements with some oversight from the Engineering Manager.
- Ability to review payment requests, invoices, requests for information, lab data, inspection, and test reports.
- Ability to train and mentor staff.
- Ability to establish and maintain a positive attitude and work ethic with a group office dynamic.
- Ability to coordinate with engineers to generate accurate project reports, work schedules and cost estimates.
- Ability to coordinate with on-site resident inspectors and engineers to resolve conflicts with contractors.
- Ability to communicate clearly and concisely, both orally and written.
- Ability to be flexible in work assignments, workdays, and hours.
- Ability to work within confined spaces with proper training.

EDUCATION AND EXPERIENCE:

- A Bachelor's Degree in Engineering (Civil or Environmental preferred) is required.
- A minimum of 10 years of applicable experience in the field of municipal potable water and/or wastewater engineering or applicable consulting engineering field is required.
- A minimum of 5-10 years of progressive project management, scheduling, and budget experience is preferred.

LICENSES:

- Must possess and maintain a valid Driver's License.
- Certification as a Professional Engineer (PE) is required. Registration in the State of Massachusetts is preferred.
- Ability to obtain and maintain a Grade D4 Distribution Operator in Training (OIT) License is preferred.
- Ability to obtain and maintain a Collection Systems Operator Certificate Grade 4 is preferred.
- Ability to obtain and maintain a Grade T3 Water Treatment in Training (OIT) License is preferred.

Salary range for this position is \$105,000-\$130,000 depending on experience and qualifications.

Serious applicants may request a full job description by emailing jennifer.kerr@waterandsewer.org.

Qualified candidates should send their resume and cover letter along with salary requirements to:
Jennifer.kerr@waterandsewer.org EOE/AA