

JOB TITLE: ENGINEERING MANAGER

The Springfield Water and Sewer Commission (SWSC) is seeking a highly motivated, energized, and innovative engineer to work as an ***Engineering Manager*** for our Engineering and Technical Services Department in Agawam, MA. This is a responsible position where the manager actively participates and oversees staff and projects within the day-to-day operations of the SWSC Engineering and Technical Services Department (E&TS). This position is responsible for management of capital and operations projects and assignments associated with the E&TS Department and shall assist in mentoring and training other E&TS staff. The Engineering Manager will report directly to the Director of Engineering.

The water sector is an exciting field that enables career growth, continual learning, and the opportunity 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 pending 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. 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.

About SWSC: SWSC 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: SWSC'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:

- 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.
- Oversee and manage multiple and various large scale capital projects: including infrastructure installation and rehabilitation, construction supervision, project management, design review, on-site inspection and public services.
- Assist Operations with the management of contract operations of the wastewater treatment plant, CSOs, and hydropower plant.
- Assist with obtaining and management of loans and grants for funding of large scale capital projects and other Commission activities.
- Oversee compliance with regulatory requirements concerning water, wastewater, flood control, CSO facilities, and other Commission activities.
- Oversee and manage 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.
- Provide training and mentoring of Engineering and Technical Staff and provide technical knowledge and experience necessary for implementing successful projects and support to other Commission functions.
- Oversee Commercial, Industrial and Residential development needs for new and replacement water and sewer services: this work may include coordination with Owners, Engineers and Contractors, design reviews, development of project memoranda, inspection and public meetings.
- Respond to questions, requests for information and complaints from customers, property owners, contractors, engineers and other City Department personnel.
- Assist with design reviews.
- Generate requests for proposals, specifications, drawings and other contract documents.
- Maintain SWSC Guidelines and Policies and Specifications and assist with updating SWSC Rules and Regulations.
- Perform general office functions including word processing, document preparation, photo copying, filing, archiving, library organizing, report preparation etc.
- Utilize engineering computer applications including Excel, Word, AutoCAD, Hydraulic modeling, GIS, VueWorks, and Springbrook.
- Perform project planning, cost estimating, project scheduling, and progress report preparation.
- Represent the Commission on various committees furthering the interest of the Commission.
- Perform other related duties as assigned.

KNOWLEDGE, ABILITIES, AND SKILLS:

- 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 large and complex capital projects with some oversight from the Director of Engineering.
- Ability to work with and manage engineering and other consulting companies with some oversight from the Director of Engineering.
- 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.
- 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 establish and maintain a positive attitude and work ethic with a group office dynamic.
- Ability to communicate clearly and concisely, both orally and written.
- Ability to be flexible in work assignments.
- Ability to be flexible in work days and hours.
- Ability to work within confined spaces with proper training.
- Ability to work with the Department of Public Works and all other City Departments.
- Ability to maintain physical condition appropriate to the performance of assigned duties and responsibilities which may include walking, standing, or sitting for extended periods of time and operating assigned office and/or field equipment.

EDUCATION AND EXPERIENCE:

- A Bachelor's Degree in Engineering (Civil or Environmental preferred) or related sciences field from an accredited college or university.
- A minimum of 15 years of progressive experience in capital project management of medium to large scale water and wastewater engineering construction projects is preferred.

LICENSES:

- Must possess and maintain a valid Driver's License.
- Certification as a Professional Engineer (PE) in the State of Massachusetts is preferred.

- Must obtain and maintain a Grade D4 Distribution Operator in Training (OIT) License within (3) three years of employment.
- Must obtain and maintain a Collection Systems Operator Certificate Grade 4 within (3) three years of employment.
- Must obtain and maintain a Grade T3 Water Treatment in Training (OIT) License within (4) four years of employment.

Qualified candidates should send their resume, cover letter and salary requirements to jennifer.kerr@waterandsewer.org.

EOE/AA