Managing Engineer - Water Management

Department of Water Management

Bureau of Engineering Services - Jardine Water Filtration Plant – 1000 E. Ohio Street

Number of Positions: 1 Full-Time

Under direction, functions as a senior level manager, reporting to the Chief Engineer of Sewers. Manages the bureau’s capital improvement plan, directing the planning, and record management of municipal sewer projects, and performs related duties as required.

DUTIES:

Functions as the Department of Water Management’s lead planner for sewer system, coordinating the work of engineers and other professional staff performing planning, and record management functions.

Directs staff of engineers engaged in the design, planning and preparation of specifications and other construction documents for sewer main new construction or restoration work projects.

Directs record management, maintaining existing records, filing and maintains new records pertaining to sewer infrastructure and related projects.

Provides design review of projects and approves project documents including project scope and design criteria, engineering specifications, cost estimates, and construction time-lines.

Confers with management in selecting, scheduling and prioritizing capital improvement projects based on funding resources, critical infrastructure needs, existing conditions of mains and related factors.

Provides technical expertise and makes recommendations to incorporate and implement green infrastructure improvements to better manage stormwater.

Evaluates requests for street vacations and proposed subdivision developments to determine and assess impact on the sewer system including expansion of system.

Directs planning activities with hydrologic and hydraulic engineering staff and identifies sewer projects that can resolve or ease flooding issues in various areas of the City.

Represents the Department of Water Management with state and local agencies on developing best practices for green initiatives and storm water management.
the water distribution system and ensure proper system operations.

Maintains and uses the department’s sewer distribution system hydraulic model to provide analysis of system operation needs, recommend proper sizing of sewer mains.

Uses GIS software to manage utility coordination, ensuring efficient coordination between agencies working in the public way to avoid scheduling conflicts and minimize digging and restoration of the public way.

OTE: The list of essential duties is not intended to be inclusive; there may be other duties that are essential to particular positions within the class.

**THIS POSITION IS IN THE SENIOR EXECUTIVE SERVICE**

**Qualifications**

- Graduation from an accredited college or university with a Bachelor’s degree in Civil Engineering, Mechanical engineering, or Structural Engineering, plus four years of supervisory experience in the planning, design and construction management of engineering projects, or an equivalent combination of training and experience, provided the minimum degree requirement is met.

**Licenses, Certification, or Other Qualifications**

- Registration as a Professional Engineer (R.P.E.) is required. At the time of employment, positions must have obtained Registration as a Professional Engineer (R.P.E.) in the State of Illinois.
- A valid State of Illinois Driver’s license.

**Disclaimer** - "Accredited" means any nationally or regionally accredited college, university, or law school where the applicant is enrolled in or has completed an Associates, Bachelors, Masters, or Juris Doctorate degree program.

OTE: You must provide your transcripts or diploma, professional license, valid State of Illinois driver’s license, or training certificates at time of processing, if applicable.

**Education & Employment Verification** - Please be advised that if you are selected to be hired you must provide, upon request, adequate information regarding your educational and employment history as it relates to the qualifications of the position for which you are applying. If you received your degree internationally, all international transcripts/diploma must be accompanied by a Foreign Credential Evaluation. If the City of Chicago cannot verify this information, any offer extended to you will be withdrawn and you will not be hired.

**ELECTION REQUIREMENTS**

This position requires applicants to complete an interview. The interviewed candidate(s) possessing the qualifications best suited to fulfill the responsibilities of the position based on the interview will be selected.

**ALL REFERENCES TO POLITICAL SPONSORSHIP OR RECOMMENDATION MUST BE OMITTED FROM ALL APPLICATION MATERIALS SUBMITTED FOR CITY EMPLOYMENT.**

The City of Chicago is an Equal Employment Opportunity and Military Friendly Employer.
Applications for this position will be accepted until 11:59 pm CDT 04/06/2022

Posting Date Mar 24, 2022 | Closing Date (Period for Applying) - External: Apr 6, 2022
U: 00 | Salary: $122,664/year Pay Basis: Yearly