

JOB ANNOUNCEMENT

POSITION: Sr. GIS Analyst

POSTED: August 28, 2017

DIVISION: Engineering & Construction

APPLICATION DEADLINE: 4:00 pm, September 11, 2017

SALARY: \$66,040 - \$68,640

SUMMARY: Supports data management of water and sewer assets in GIS system including editing, planning, development of standards and procedures to support the Authority.

DUTIES/PRIMARY RESPONSIBILITIES: Provide advanced GIS and database technical support for PWSA GIS program (ArcGIS Server / ArcSDE, SQL Server databases, mapping applications, field data collection, asset data management and population); operate and assist with the maintenance of GIS computer hardware and software and peripheral equipment; identify and assist in resolving hardware and software problems; responsible for database and file management on servers; research, recommend and establish standards and procedures for the development and management of the GIS; prepares, edits, maintains and updates GIS assets; develops, updates and maintains working drawings related to water/wastewater design, surveys, and custom maps (derived from GIS data); gathers, calculates and interprets data from field visits, surveys, inspection reports, as-built drawings, etc.; assesses and recommends standards and procedures for GIS system input; provide plans, drawings, maps and electronic information to departmental personnel, other PWSA departments and/or contractors and the public as required or requested; performs activities, functions and other related duties as assigned or required.

KNOWLEDGE/ABILITIES: In-depth knowledge of ESRI ArcGIS products, version 10 and above (ArcSDE, ArcGIS Desktop, ArcGIS Online, ArcGIS Server, ArcGIS Extensions applicable to infrastructure asset data management). An understanding of Web Mapping and publishing of GIS content via the Web, SQL query and SQL server administration skills is beneficial to this position. Knowledge or an understanding of surveying, geography, cartography, data/database management, and/or the principles related to water/wastewater design; and of hardware, software and communication components needed in the daily operation and manipulation of the GIS system. Ability to organize and complete work independently and to assess workload for prioritization; ability to communicate effectively, both orally and in writing, and to establish and maintain effective working relationships with peers, associates, outside agencies and the public.

GENERAL REQUIREMENTS: Applicants must become domiciled within the City of Pittsburgh at time of appointment and remain domiciled within the City of Pittsburgh throughout employment with the PWSA. Verification of City domicile is required at time of appointment.

Applicants must present a current, valid Class C (Class 1) Pennsylvania Motor Vehicle Operator's License prior to appointment. A valid driver's license must be maintained throughout employment.

EDUCATION/EXPERIENCE REQUIREMENTS: In order to be considered eligible for this position, the applicant must clearly show 5+ years of experience operating ESRI GIS software or equivalent asset management software, Bachelor's degree in Geographic Information Science, Geography, Engineering, Environmental Science, or a closely related field required; or equivalent combination of education and experience.

PHYSICAL/WORKING CONDITIONS: General office environment; must be able to lift up to 10 pounds. The physical demands described here are those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions

APPLICATIONS: Submit resume and cover letter via first class mail to: The Pittsburgh Water and Sewer Authority, Human Resources Section, Penn Liberty Plaza I, 1200 Penn Avenue, Pittsburgh, PA 15222 or via email to: HR@pgh2o.com.

An Equal Opportunity Employer

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