Pittsburgh Water & Sewer Authority

JOB DESCRIPTION

POSITION: SCADA Manager
DIVISION: Operations (Water Production)
FLSA: Exempt
SALARY: TBD

Posted: January 26, 2017
DEADLINE: Until Filled

DUTIES/PRIMARY RESPONSIBILITES:
Serves as a point of contact to the water production management team at the water treatment plant regarding all instrumentation and SCADA projects. Installs and maintains communication equipment. Troubleshoots all connectivity issues involving the SCADA and networks at the treatment plant and sub locations, including but not limited to the pumping stations. Maintains and upgrades all relevant license agreements necessary to operate the SCADA system. Develops working standard operating procedures and workflow charts to demonstrate and support understanding of the operation of the SCADA system. Manages the security assets connected to the SCADA system. Installs SCADA and instrumentation at field sites as needed. Designs and develops reports within the SCADA system for the operators. Serves as a liaison between the water production management team and engineering department managers and staff to develop solutions to operational issues. Serves as liaison between the water production management team and the communication and/or internet provider. Manages projects involving operational issues that have developed outside of a planned project. Reviews and approves all drawings with the engineering department for all SCADA-related projects, including new construction. Communicates verbally and in writing to share and transfer institutional knowledge with authority management and staff regarding formal and informal processes related to all SCADA systems. Responsible for the creation and continuous update of a formal knowledge transfer document; and the creation and implementation of training and mentoring protocols for authority employees. Responds to requests from the director of field operations and deputy director of water production in coordinating the day to day operations of the SCADA system. Supports the water quality staff with the LIMS system. Performs other duties as assigned by the water production management team, as needed.

KNOWLEDGE/ABILITIES:
Knowledge of process instrumentation, including flow and analytical instruments. Experience with calibration and test equipment, troubleshooting, repair and maintenance of process control equipment. Knowledge of wiring schematics and field instrument wiring. Understanding and working knowledge of PLC and HMI equipment. Knowledge of Rockwell Software.

GENERAL REQUIREMENTS:

Applicant 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.

EXPERIENCE REQUIREMENT:
Current knowledge with LIMS preferred but not required. Three years of experience working with SCADA, preferred.

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

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