

## **JOB ANNOUNCEMENT**

**POSITION:** Network/Systems Administrator  
(Temporary to Permanent Position)

**DIVISION:** Management Information Systems

**SALARY:** TBD

**POSTED:** August 31, 2016

**DEADLINE:** 4:00pm  
September 13, 2016

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**SUMMARY:** The Pittsburgh Water and Sewer Authority is searching for an innovative candidate with an extensive background in Network and Systems Administration to develop and deploy optimal enterprise network solutions to facilitate growth and business development activities. This position will be in a fast paced environment while working on multiple systems simultaneously. The candidate will be working as a member of a team while some projects will require the candidate to work individually.

### **DUTIES/PRIMARY RESPONSIBILITIES:**

- Oversees the day-to-day operation of data networks consisting of multi-vendor routers, switches, firewalls and wireless infrastructure.
- Monitor, analyze and report performance on enterprise wide LAN/WAN/telecom infrastructure.
- Assist in coordinating projects including network related wiring plans, LAN/WAN hardware and software purchases, system installation, maintenance, and troubleshooting.
- Maintain VMware VCenters and provide VMware Administration support
- Analyze network and telecommunication trends and implement appropriate network modifications
- Maintains LAN and WAN documentation.
- Recommend, evaluate, plan, test, architect, engineer & maintain new technologies for initiatives or upgrades on testing, development and lab network segments.
- Assists in planning, coordinating, and consulting with vendors and clients for hardware and software purchases, product services, and support.
- Ensures configurations of all network related devices meet company security requirements.
- Provide helpdesk/desktop support where needed.
- Partner with project teams, and operations staff to define business, technical, and functional requirements
- Provide support for project activities, while managing day-to-day base business responsibilities.
- Focus on diagnostics, opening and maintaining trouble tickets, troubleshooting problems to resolution or referring them to higher level support as required.

### **KNOWLEDGE/ABILITIES:**

- Working knowledge of LAN and WAN topologies and architecture, including multi-VLAN architecture.
- Strong knowledge of HP Switching, CISCO Routing Technology, and WatchGuard firewall configuration.
- Branch Office VPN configuration.
- Good knowledge of basic programming and scripting.
- Strong knowledge of VMware ESXi administration and virtual machine creation & Administration.
- Current technical expertise in the development and implementation of IT infrastructure (Windows servers, SAN storage, networking, security, backup, virtual computing, amongst others).
- Sound knowledge of active directory and administration of Microsoft products.
- Experience working with different Data products, including: Cisco, Juniper, private networking, system administration, wiring, and public services, such as VPN, MPLS, T1 services preferred
- Strong troubleshooting, multi-tasking, communication and customer service skills.
- Experience with cloud computing a strong plus

**GENERAL REQUIREMENTS:** If hired permanently candidate must be a City of Pittsburgh resident and remain a City of Pittsburgh resident throughout employment with the PWSA. Verification of City residency 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 REQUIREMENT:**

- Associate's degree in Computer Science or related field; 4+ years relevant work experience equivalency, required
- Bachelor's degree in technical field, preferred
- MSCE, CCIE, CCNP or equivalent experience is desirable

**PHYSICAL DEMANDS/WORKING CONDITIONS:** General office environment; must be able to lift up to 10 pounds.

*The physical demands are representative of 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:** Available in the Human Resources Section, 1200 Penn Avenue or online at [www.pgh2o.com](http://www.pgh2o.com). Please send the application, resume and cover letter to [hr@pgh2o.com](mailto:hr@pgh2o.com).

**An Equal Opportunity Employer**

**The PWSA does not discriminate against anyone on the basis of race, color, religion, ancestry, national origin, place of birth, sex, sexual orientation, family status, age, or non-disqualifying disability, or on any other basis protected by federal, state or local law.**