Position Description

POSITION TITLE: Database and Networking Engineer

F.L.S.A.   Exempt

QUALIFICATIONS:

- MCITP server administrator certification or equivalent experience
- Cisco CCNA or equivalent experience
- Experience deploying applications in a Citrix Presentation Server environment
- Expertise with integrating multiple databases (i.e. Sybase, Oracle, and SQL preferred)
- Proficiency in various report writing applications
- Detailed knowledge of networking technologies and components
- Strong knowledge of storage backup methodologies and practices
- Experience using automated deployment and maintenance technologies
- Experience employing warranty procedures for network and server devices
- Ability to diagnose complex networking and server issues
- Experience supporting converged Voice, Video and Data networks
- Experience maintaining Storage Area Networks (SANS)
- Able to tackle problems, identify solutions and follow through to completion
- Manage multiple project responsibilities simultaneously and prioritize work
- Good oral and written communication skills

REPORTS TO: Lead Network Engineer

TERMS OF EMPLOYMENT: Twelve month (261 days) with benefits provided according to Classified Agreement.

PERFORMANCE RESPONSIBILITIES:

1. Analyze performance and ensure integrity of multiple databases (including data warehouse) and make recommendations on adjustments/upgrades to district/customer demands. Modify database programs to increase processing performance.

2. Create intermediate to complex SQL Queries and stored procedures for data auditing and reporting purposes.
3. Effectively diagnose and troubleshoot computer malfunction relating to faulty hardware, software, server and/or network.
4. Development of procedures for maintaining security of all network and database systems. Maintain and oversee quality of disk backups of all district application and database servers.
5. Implement, maintain and oversee district Storage Area Networks.
6. Implement, maintain and oversee converged Voice, Video and Data networks.
7. Implement quality control procedures to improve uptime of network and server devices.
8. Deploy and maintain server operating systems and software in the district data center.
9. Coordinate with the Data Infrastructure team to establish and maintain network cabling systems.
10. Coordinate with Lead Desktop Technician and other network team members to design and implement automated deployment and maintenance technologies.
11. Review/analyze/reconcile data in as-is vs. to-be systems to ensure consistency and data integrity per district requirements.
12. Communicate effectively with staff and students regarding maintenance of networked technologies.

OTHER PERFORMANCE RESPONSIBILITIES:

1. Conduct training as necessary for staff in the proper use of technology equipment.
2. Research and implement preventative maintenance procedures for district technology devices.
3. Participate in on-call rotation and respond to technical emergencies as needed.
4. Attend training as required by administration.
5. Special projects as required.
6. Other duties as assigned.