EMPLOYEE NAME: ______________________

Created: 6/15; 2/17; 6/18

JOB DESCRIPTION

POSITION TITLE: Systems Engineer III, Fiber Team Lead

JOB CODE: 446F

DIVISION: Strategy and Accountability

SALARY SCHEDULE: Technology Services

DEPARTMENT: Technology Services

WORK DAYS: 238

REPORTS TO: Senior Executive Director of Technology

PAY GRADE: Rank F (NT06)

FLSA: Exempt

PAY FREQUENCY: Monthly

PRIMARY FUNCTION: Provides leadership and support in the implementation of network zone cabling related to fiber optic cabling, data network edge switch components, and network design support.

REQUIREMENTS:

1. Educational Level: Bachelor Degree or equivalent experience

2. Certification/License Required: None

3. Experience: Minimum 7 years in the installation of fiber optic cable, termination of fiber optic cable with LC, MTRJ, ST, and SC, OTDR testing, fusion splicing, installation and configuration of data network edge switches

4. Physical Activities: Routine physical activities required to fulfill job responsibilities and ability to repetitively lift items weighing a maximum of 50 lbs.

5. Knowledge, Skills, & Abilities: Written and oral communication; knowledge of technology, supervising employees, and the ability to solve network issues

The Board of Education and the Superintendent may accept alternatives to some of the above requirements.

ESSENTIAL DUTIES:

1. Demonstrates prompt and regular attendance.

2. Supervises internal and/or outsourced personnel in regard to network cabling design implementation in existing, newly constructed, and renovated facilities.

3. Provides leadership in the compilation and maintaining of computerized records such as material inventory, in process production reports, and status and location of materials.

4. Ensures the selection and proper installation of networking components that provide the interconnectivity of the backbone network design from the MDF to the edge optical components.

5. Conducts training sessions for appropriate personnel in preparing, installing, terminating, and testing fiber optic cable.

6. Examines materials used in cabling installation to ensure conformance to network design specifications utilizing laser light sources, optical spectrum analyzers and optical power meters.

7. Researches and reviews new and updated technology pertaining to network design and cable implementation; participates in training and reads professional literature to maintain a high level of expertise in new technologies.

8. Provides fiber optic cable route studies from building blueprints, drop cross references, and design for implementation within the District.

9. Reviews and updates production schedules and related information and coordinates with Site Construction Superintendent.

10. Provides technological assistance to District staff regarding data drop installation/relocation/maintenance.

11. Establishes data networks by providing leadership and supervision of proper cable design, installation and termination, installing and configuring data network edge switches, installation of MDF racks and ladder rack support, establishing connections and integrations, programming features, and activating remote access tools for network electronics.

12. Performs other duties as assigned by the appropriate administrator.
Signature of Employee ___________________________________________ Date ____________________

Signature of Supervisor _________________________________________ Date __________________