

Job Title: FIBER NETWORK TECHNICIAN
Reports to: Director of Technology
Dept./School: Technology
Wage/Hour Status: Non-Exempt
Date Revised: July 20, 2020

Primary Purpose

The Fiber Network Technician will install and maintain cable lines that provide Internet, phones, and television services. This position will support both copper and fiber connections from the NOC to all remote locations within the School District.

QUALIFICATIONS

Education/Certification

Associates in Mechanical, Electrical Engineering, or related disciplines, preferred.

Special Knowledge/Skills

The ability to lift heavy equipment, climb poles and crawl into small spaces. The candidate must also demonstrate general knowledge of electrical processes and familiarity with the equipment and tools used in the field.

Experience

Minimum of two years of experience in cabling deployment

MAJOR DUTIES AND RESPONSIBILITIES

1. Interpretation of codes, standards, requirements, and guidelines for telecommunication projects.
2. Engineer telecommunication distribution projects such as: remodels, new facilities, and relocation projects.
3. The ability to read and understand blueprints is required.
4. OSP (Open Settlement Protocol) design of copper and fiber optic facilities in aerial, underground, and direct buried applications.
5. Knowledgeable in easement, right-of-way, and permit documents.
6. Read physical and logical fiber network designs and pass on necessary changes to design team.
7. Provide and maintain site drawings for various telecommunication facilities in a cost effective manner.
8. The fiber network technician is responsible for, repairing, splicing, testing, maintaining, and installing fiber optic paths at SFDR-CISD locations.
9. Perform self-check and quality control of work for completeness, accuracy, standards, and overall presentation.
10. Training of other engineering personnel as needed.

Other Duties

11. Perform other duties assigned by supervisor.
12. Maintain confidentiality of information.

EQUIPMENT USED

Knowledge of fiber optic hand tools is needed, such as: fusion splicer, optical test equipment, and OTDR.

WORKING CONDITIONS

Mental Demands/Physical Demands/Environmental Factors

On call when needed to provide technical support, occasional lifting of reports and equipment

The foregoing statements describe the general purpose and responsibilities assigned to this job and are not an exhaustive list of all responsibilities and duties that may be assigned or skills that may be required.

Reviewed by: _____ **Date:** _____

Approved by: _____ **Date:** _____