JOB TITLE: Cable Technician

Cable Management Task:

All cable terminations shall adhere to industry standards (standard refences of note, TIA, BICSI, NEC, and EIA guidelines). Proper crimping tools and techniques must be used for compression-type lugs.

• **Patch Panel Termination**: Cables should be installed to the patch panel at the hinged end to prevent stress on terminations. Vertical cable troughs on both sides of the rack and horizontal cable troughs between patch panels are recommended.

• **Cable Ladder Assembly**: A cable ladder assembly above the rack facilitates cable routing from the closet to patch panels.

• "B" Connection Termination: Each cable should be terminated at both.

• Regular reporting on cable terminations, including any changes or updates, should be maintained.

• Detailed documentation of cable terminations, labeling, and patch panel assignments must be provided.

• Quality checks should verify proper termination techniques and labeling.

• All terminated cables must undergo testing to verify connectivity and signal integrity.

• Work outside of normal business hours will not be required.

Cable Management Personnel Requirements

• Hands-On experience working on actual installations.

• Ability to troubleshoot issues during termination.

• Safety awareness to prevent accidents.

• Understand the basics of electrical circuits, signal flow, and cable types such as coaxial, twisted pair, and fiber optic cables.

• Attention to Detail along with hand-eye coordination.

• Termination techniques such as crimping, soldering, splicing.

• Experience testing cables for continuity and signal quality.

• Experience with digital multimeters.

• Experience using NETSCOUT Network and Cable tester.

Preferred Certifications: CompTIA Network+, Cisco Certified Support Technician (CCST), Certified Fiber Optic Technician (CFOT), BICSI Installer 1 (INST1), or BICSI Technician (Tech).

SECURITY CLEARANCE: A security clearance is not required to perform the duties of this contract.