

Plano Independent School District



Project name: Plano ISD Master Cabling Infrastructure Contract

Location: Plano, TX
Address: 2700 W. 15th Street
Plano, TX 75075

Completion Date: Ongoing Service Contract
\$500,000.00 Annually

Project overview

Plano Independent School District has made a commitment to improve the quality and value of education in their district. This is apparent by the decision to seek the assistance and resources required to assist the District with budgets and scope involved for the technology implementation at Plano ISD. Concurrently being developed along with the Technology Plan is a Professional Development Plan. The focus of these documents is instructional technology and professional development programs working in concert to train teachers and staff paced with a District-wide implementation.

In support of these programs, the District chose to implement Technology Upgrades that required the provision of a structured cabling system for the 75 campuses to support the District's Technology Plan. This effort solicited the provision and installation of a Category 5E cabling system and associated hardware. The project design plan called for all voice, data, and fiber optic cable to be homerun to the hardware. The project design plan called for all voice, data, and fiber optic cable to be homerun to the MDF/IDF, except for those cables located in classrooms where a directive was given to connect to the T1 wall rack (typical) in each classroom. Each MDF/IDF required equipment racks, termination hardware, cable support hardware for aesthetics, strength, and manageability and protective grounding hardware.

ABLE solution

ABLE Communications, Inc. responded to a competitive sealed bid solicitation and was awarded the scope of work to provide a Structured Cabling Services Agreement as specified by the Owner. The completed project resulted in a "showcase" installation.

ABLE Communications installed a Berk-Tek/Ortronics Clarity solution for the Voice and Data communications based upon the owner's specifications. This solution delivers a 25-year manufacturer's warranty as well as a 2-year warranty on materials and workmanship from ABLE Communications, Inc.

The scope of work included:

- All cabling and termination components
- All wiring enclosures, racks, cabinets, and equipment rails
- The horizontal cabling within existing cable tray and contractor provided cable tray
- Communications backbone cabling as specified
- Workstation termination boxes as applicable
- Distribution patch panels as required
- Label of all installed media as approved by owner
- Testing and certification of all media to ensure proper installation
- Submit results of all certification tests to owner

Product Solutions

