Building and Technology Wiring Project Form Version 5.0

General Information

Date Requested: Building Project Number BG-1

School or Project Name: District Name:

School Size (ADA):   Number of Rooms in Building:

Type of Project

Check One Below			
New Construction	No Changes (Using Existing)		
Renovation	Update Existing	Additional Building	Permanent or Mobil
Replacement	Additional Wiring (To Existing LAN)		

Funding Resources

Are You Using LOCAL FUNDS Only?   YES   NO

If NO, What Amount of EDTECH FUNDS Are Requested? $

Estimated Cost of Technology Wiring for This Project? $

Does This project Reduce Unmet Need?   YES   NO

Are KETS Contracts Being Used for Procurement?   YES   NO
If NO, Please Include an Explanation:

List Items That Do NOT Meet Full KETS Standards.
Use a Separate Document if Necessary.

Classroom Technology Wiring

Note: All Copper Ethernet Cabling Must Be Category 6 or Better For All Data, Voice or Video Connections.

Student Ethernet Drops

Number of Student Ethernet Data Drops:

Teacher Ethernet Drops

Number of Teacher Ethernet Data Drops: Number of Teacher Ethernet Voice Drops:

Classroom Resource Ethernet/Low Voltage Wiring Drops

Number of Wireless Access Points (WAPs) Ethernet Data Drops:

Number of Video Ethernet Drops: Number of Video R6/R11 Cable Drops:

Number of Projector Ethernet Drops: Number of HDMI Cable Drops:

Number of Printer Ethernet Drops: Number of Intercom/Speaker Drops:

Number of Interactive Video Ethernet Drops:

School Facility Technology Wiring (Outside of Classrooms)

Note: All Copper Ethernet Cabling Must Be Category 6 or Better For All Data, Voice or Video Connections.

Number of Wireless Access Points (WAPs) Ethernet Data Drops:

Hallways: Cafeteria: Conference Rooms: Gymnasium:

Office(s):   Bus Garage: Athletic Fields: Locker Rooms:

Press Boxes: Residential Facilities (Per Dorm):   Other:

Number of Ethernet Drops (Not WAPs):

Hallways: Cafeteria: Conference Rooms: Gymnasium:

Office(s):   Bus Garage: Athletic Fields: Locker Rooms:

Press Boxes: Residential Facilities (Per Dorm):   HVAC Systems:

Other:

Number of Security Camera Drops:

Ethernet Drops: R6/R11 Cable Drops:

Number of Wireless Camera Installations:

School Facility Technology Wiring (Outside of Classrooms)

Note: All Copper Ethernet Cabling Must Be Category 6 or Better For All Data, Voice or Video Connections.

Data Center and Wiring Closets:

Data Center Ethernet Drops:

Number of Data Center Ethernet Data Drops:

Number of Data Center Ethernet Voice Drops:

Number of Data Center Ethernet Wireless Access Points (WAPs) Drops:

Wiring Closets

Number of Campus Distribution Frames (CDF):

Number of Main Distribution Frames (MDF):

Number of Intermediate Distribution Frames (IDF):

Historical Information (Previous/Existing Design and Wiring Infrastructure)

Note: Include All Structures and Facilities Referenced in This Project, Including Any School Campus Facilities Connected to or Effected By This Project.

Existing Technology Wiring

Existing Data and Voice Cable Types (Check All that Apply):

Copper Base

       Category 3   Category 5 and 5E   Category 6 and 6A

Fiber Base Multi-Mode

       Fiber 62.5/125 OM1   Fiber 50.0/125 OM2   Fiber 50.0/125 OM3

Fiber Base Single-Mode

       Fiber 9/125 OS2

Existing Distribution Infrastructure (Check All that Apply):

       Air Ducts/Air Chase   Conduit (Plastic/PVC)   Conduit (Metal)

       O-Rings   J-Hooks   Ladder Racks

Existing Technology Wiring (Continued)

Are Diagrams Available for the Following (Check All that Apply):

Distribution Systems	Data Wiring (Copper)
Voice Systems/Intercoms	Data Wiring (Fiber)
Mechanical Systems (HVAC/Signage)	Video Systems
Security Systems (Cameras/Alarms)	Single Building Wiring Topology
Campus Building Wiring Topology	

Technology Wiring Construction Installation Information

It is expected that all proposals and scope of work listed in this form will meet or exceed the Building and Electrical Codes of the Commonwealth of KY and the United States as referenced in the link below:
Kentucky Department of Housing, Building and Construction
Kentucky Building Codes (Based on ICC)
http://dhbc.ky.gov/bce/bc/Pages/default.aspx

This would reference Horizontal and Vertical Distribution of Data, Voice and Video Cabling, Ceiling and Under Floor Districbution, Riser Access, Main Feeders, Conduit Size, Access Through Wall and Support Structures, Power Considerations, EMI Considerations, Distribution Frame (DF) Characteristics, Mounting Panels and Equipment, and Block Alignment and Connection.

By selecting "I Agree" the parties are accepting the requirements to meet the codes listed above.

I Agree   I Do Not Accept the Requirements

Is Plenum Cable Required? If YES, Please Include a Brief Explanation for the Requirement.

YES   NO

Explanation:

<ins>Technology Wiring Construction Installation Information</ins> (Continued)

What Are the Maximum Cat 6 Cable Lengths for This Project?

Backbone Distribution:

Data:

Voice:

Video:

Describe Labeling/Identification Processes for Installed Cables (Data/Voice/Video):

Describe Test Verification Processes for Installed Cables (Data/Voice/Video):

Signatures

All original signatures or digital signatures must be acquired and submitted with this document. Signatores agree that information contained in this document has been validated to the best of their ability.

Design Contractor: **Date:**

_____   _____

District Chief Information Officer (CIO):   **Date:**

_____   _____

KETS Regional Engineer: **Date:**

_____   _____

Office of Education Technology Review Staff: **Date:**

_____   _____

Date Submitted to KDE Facilities Management: **Date:**