Building and Wiring Project Checklist Version 4.0 - 2018

General Information

Date Requested:

School or Project Name: District Name:

School Size (ADA):   Number of Classrooms:

Funding Resource

Using LOCAL FUNDS Only?   YES   NO

If NO, What is the Amount of EDTECH FUNDS Requested? $

Estimated Cost for Technology Wiring for This Project? $

Does this project reduce Unmet Need?   YES   NO

Are KETS Contracts being used for Procurement?
If NO, please include an explaination.   YES   NO

List items that do NOT meet full KETS Standards.
Use a separate sheet if needed.

Type of Project

Check One Below		
New Construction	Replacement	Additional Building Permanent or Mobile
Renovation	Update Existing	Additional Wiring (to Existing LAN)

Classroom Technology Wiring

Note: All 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 Drops

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

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

Number of Projector Ethernet Drops:

Number of Printer Ethernet Drops: Number of Smart Board Ethernet Drops:

School Facility Technology Wiring (Outside of Classrooms)

Note: All Ethernet cabling must be Category 6 or better for all Data, Voice or Video connections.

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

Hallways: Cafeteria: Conference Rooms: Gymnasium:

Office(s):   Bus Garage: Athletic Field(s):   Other:

Residential Facilites (per Dorm):

Number of Ethernet Data Drops (not WAPs):

Hallways: Cafeteria: Conference Rooms: Gymnasium:

Office(s):   Bus Garage: Athletic Field(s):   Other:

HVAC Systems: Residential Facilites (per Dorm):

Number of Security Camera Drops:

Ethernet Drops: R6/R11 Cable Drops:

School Facility Technology Wiring (Outside of Classrooms)

Note: All Ethernet cabling must be Category 6 or better for all Data, Voice or Video connections.

Data Centers 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 Point (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 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   Conduit (Plastic/PVC)   Conduit (Metal)

O-Rings   J-Hooks   Ladder Racks

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 Wiring Topology

Technology Wiring Construction Checklist

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:

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):

<u>Signatures</u>

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:**

_____   _____

Regional KETS Engineer: **Date:**

_____   _____

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

_____   _____

Date Submitted to KDE Facilites Management: _____