

Kenton County Detention Center Additional Camera Cabling

A Proposal From



Submitted By

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On

1/30/2023

For



Introduction

Thank you for the opportunity to design and install the additional structured data cabling system at the Kenton County Detention Center.

This document outlines the initial installation of the structured cabling system, including termination hardware, labor, and other necessary items and tools required for the Kenton County Detention Center located at 3000 Decker Crane Lane, Covington, Kentucky 41017. The following proposal forms its basis from a number of factors, including, but not limited to, calculated measurements from provided drawings, requirements specified in bid documents, and observations and verbal clarifications made during mandatory site visit on October 25, 2022.

Scope

This proposal addresses only the implementations outlined within. This proposal does not include additional information, technology implementations, designs, engineering, or installations. Any deviation from or additions to this scope of work as described herein may result in additional costs.

Structured Data Cabling

- Miles Ahead Technology will provide, install, terminate, test, and properly label plenum-rated CAT6 cabling at two (2) additional locations within the Isolation area.
 - Miles Ahead Technology will engage a certified electrician to install conduit and junction boxes from ceiling to camera mounting locations.
 - Cabling will be terminated at camera-end with male RJ45 connector for wall-mount cameras per verbal guidance provided at pre-bid site visit. Camera will be terminated at rack end on patch panels included in the original proposal.
 - All cabling hardware is manufactured by Leviton and certified for CAT6 cabling, including RJ45 connectors and QuickPort connectors. Cable is manufactured by Berk-Tek, a wholly-owned subsidiary of Leviton, and is plenum-rated with foil shielding for optimal fire safety and performance. Cabling will be terminated in the industry-standard T-568B manner pursuant to specifications.
 - Cabling system will be supported by nVent Caddy J-hooks from camera-end termination point to existing cable baskets running above hallways.

General Conditions

- Miles Ahead Technology will assign a dedicated Project Manager and Project Engineer to ensure scheduling, project workflow, budget, system design, and schematics accommodate the needs of and are satisfactory to Kenton County Detention Center administrators. Project Manager will coordinate scheduling in conjunction with Detention Center administrators to minimize disruptions in facility operations and ensure timely completion of project. Engineer will ensure system designs provide optimal functionality to meet Detention Center's needs and will provide accurate as-built drawings indicating cable run and hardware locations for newly installed systems.
- Miles Ahead Technology will assure cabling system is fully functional and acceptable to Kenton County Detention Center administrators prior to closing the project.
- All equipment provided and installed by Miles Ahead Technology will be covered by a one (1) year warranty from Miles Ahead Technology, commencing at final sign-off, to cover defects in manufacture and installation.
- All cabling will be installed per the highest industry standards for low voltage cabling. All cables will be neatly dressed, properly supported and run at right angles to building construction. Cabling will be installed in a manner to allow future expansion and ease of service. Cables will be properly spaced from high voltages, plumbing and ducting.

Limitations and Liabilities

- No painting or finishing is included within this scope of work.
- All installation is to be performed during normal business hours. After-hours work is available, but may incur an increased cost.
- Proposal assumes sleeves, surface raceways, grounding/busbar, firestopping, and fire-retardant backboards are provided and in place at the time of work commencing. Should any of those components be required of Miles Ahead Technology, additional costs and time on site will be required.

- Proposal assumes patch panels included in original proposal have sufficient capacity for two additional cables and, as such, does not include a patch panel within this additional scope of work.
- Proposal does not include provision of patch cables as memorandum dated October 26, 2022 indicates that such cables will be provided by camera contractor, Accurate Controls.
- Proposal assumes cable trays are run above each hallway and are available for use in this installation pursuant to detention center personnel verbal assurances during pre-bid walkthrough. If that is not the case and additional cabling support hardware is required for those pathways, additional costs will be incurred.
- Proposal is limited to cabling, termination hardware, cable support hardware, testing, and labeling outlined herein. Camera mounting brackets, hardware, and ancillary installation equipment or labor are assumed to be provided by camera installation contractor.
- Provided drawings do not indicate scale or provide sufficient information to accurately gauge cable runs. Scale was extrapolated by measuring doorway and presumed based on the standard width of a commercial door. If the calculated scale of 1/69" = 1' is inaccurate, additional costs may be incurred for additional cabling and PoE extender components.
- Should Kenton County or any agent thereof terminate awarded contract prior to project completion with thirty (30) days' notice to Miles Ahead Technology pursuant to Kentucky Revised Statutes governing procurement, Miles Ahead Technology reserves the right to invoice and receive payment for any work performed or product ordered prior to the end of such notice period.

Fiscal

The proposed implementation includes the hardware, software and labor costs stated in this document, based upon customer specification. The costs listed in this proposal do not include applicable taxes and are valid for thirty (30) days from proposal date.

Additional Structured Cabling Total

\$ 3,869.06

Contact

For more information regarding this proposal, contact Scott Kayser, Miles Ahead Technology, LLC, at 937-630-3256 or email scott.kayser@milesaheadtechnology.com.

Acceptance

The above prices, specifications and conditions are satisfactory and hereby accepted. Miles Ahead Technology, LLC is authorized to conduct work as specified within this proposal document. Prompt payment will be made pursuant to terms negotiated at proposal execution. Miles Ahead Technology operates on a standard Net30 schedule.

Kenton County Fiscal Court

Miles Ahead Technology

By: _____

By: _____

Name: _____

Name _____

Title: _____

Title: _____

Date: _____

Date: _____