

## 25-025 - Internal Connections-Structured Cabling (E-Rate)

### **Adams 12 Five Star Schools**

Project: 1108

United States, Colorado, Adams County

”  
Audra Vela  
Audra.L.Vela@adams12.org



Presented By:  
US

SYSTEC101

11871 E 33rd Ave ,  
Aurora  
CO 80010  
Murat Yildirim  
admin@systec101.com  
9706462706

# BILL OF MATERIALS

Product Photo	UPC	Name	Total Quantity	Unit Price	Cumulative Material Price	Cumulative Labor Price	Extended Price
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Total:					\$0.00	\$0.00	\$0.00
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Shipping & Handling Charges:							\$0.00
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Sales Tax: Equipment					0 %		\$0.00
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Grand Total:							\$0.00
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# SYSTEC101 QUOTE

11871 E 33rd Ave  
Unit B Aurora  
CO 80010  
9706462706

1108

PO#

25-025 - Internal Connections-Structured  
Cabling (E-Rate)  
February 14, 2025

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**Quoted To:**

**Adams 12 Five Star  
Schools**

Audra Vela  
United States, Colorado,  
Adams County  
Audra.L.Vela@adams12.org  
720-972-4229

**Site/Location:**

**25-025 - Internal Connections-  
Structured Cabling (E-Rate)**

**Prepared By:**

**US**

Murat Yildirim  
Project Manager  
admin@systec101.com  
9706462706

## Bill of Materials

Product Photo	UPC	Name	Total Quantity	Ext. Material Price	Ext. Labor Price	Ext. Price
Total:				\$0.00	\$0.00	\$0.00
Shipping & Handling Charges:						\$0.00
Sales Tax: Equipment				0 %		\$0.00
Grand Total:						\$0.00

Adams 12 Five Star Schools

Date

Murat Yildirim

Date



Payment Terms

- ☐ Type I 100 % after completion
- ☐ Type II 50 % Down (Initial Payment) 50 % Completion (Final Payment)
- ☐ Type III 30 % Down Payment, 20 % Payment after completion of 30 %, 20 % Payment after completion of 50 %, 20 % Payment after completion of 70 %, 10 % Payment at final completion.
- ☐ Type IV Custom Payment

Payment Terms

Client agrees to pay for "Services" as outlined in this proposal in the Grand Total Amount of **\$0.00 to US**

Payment to be made as follows:

**Type I - 100 % after completion.**

Payment Stage	Billing Percentage (%)	Amount (in USD)
Stage I	100	0.00

Please remit the payments to **US 11871 E 33rd Ave Unit B,Aurora CO 80010.**

If during the scope of the project client request changes or additions in system design, or a deviation from the normal scope as listed, **US** will either provide a time-and-material estimate, or a not-to-exceed figure for work to be performed.

A service charge of 1.5% per month will be added to accounts past due.



## Warranty

US guarantees that it has carried out the installation work necessary for the Project to the satisfaction of the Customer. In the event of any issues or faults arising from the installation services or any customization or modification of purchased equipment that US was responsible for during the Project, US commits to rectify these problems at no additional cost to the Customer. This warranty will remain in effect for a period of 6 months from the Project's completion date.

It's important to note that US's warranty specifically covers only the customization and modification aspects of the equipment used in the Project. Any issues related to the overall performance of the equipment itself fall outside the scope of this warranty. In such cases, the Customer should rely solely on the warranties provided by the equipment manufacturers for resolution of malfunctions or defects.

Should a malfunction or defect in the Project be attributed to the equipment, US, within its 6 months warranty period, will provide reasonable assistance to the Customer in facilitating any warranty claims with the respective equipment manufacturers.

## DESCRIPTION

Here's the updated installation timeline incorporating the patch panel to patch panel technique:

### 1. **Cabling Pathway Evaluation and Generation:**

- Conduct a comprehensive assessment of current cabling pathways and facilities to identify existing routes and propose new pathway generations if necessary, ensuring optimal cable management.

### 2. **Technical Approach:**

- Implement industry-standard practices and leading-edge technology to manage cabling tasks efficiently, ensuring alignment with project requirements and performance standards.

### 3. **Fiber Optic Cable Runs:**

- Lay singlemode, indoor/outdoor rated 12-strand optical fibers from the MDF to each IDF, terminating with SC connectors and providing patch cables at both ends\*.

### 4. **Cable Support Installation:**

- Utilize J-Hooks and other support systems to ensure stable cable pathways, deploying standardized supports like Chatsworth and Panduit structures within IDF/MDF rooms\*\*\*\*\*.

### 5. **Cable Pulling and Patch Panel Technique:**

- Implement a systematic patch panel to patch panel approach, cutting over one patch panel per day. This process includes:
  - Pulling and installing new Cat 6 plenum cables from patch panel to patch panel.
  - Terminating and labeling cables precisely.
  - Certifying connections to meet CAT 6 compliance standards.
  - Ensuring daily cutovers complete by replacing old cabling with new ones and verifying all devices are fully operational at the end of each shift\*\*\*\*\*.

This structured plan ensures all tasks align with the project timeline from April 1, 2025, to March 31, 2026. Adequate time will be allocated for comprehensive testing and unforeseen delays, with regular operational hours adhered to, and all preliminary infrastructural tasks like conduits and coring are completed beforehand\*\*\*\*\*.

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- 25-025 - Internal Connections-Structured Cabling (E-Rate) Bid - Proposal.pdf, Start Character: 747, End Character: 760\*\* - 25-025 - Internal Connections-Structured Cabling (E-Rate) Bid - Proposal.pdf, Start Character: 969, End Character: 981\*\*\* -

25-025 - Internal Connections-Structured Cabling (E-Rate) Bid - Proposal.pdf, Start Character: 981, End Character: 993\*\*\*\* - 25-025 - Internal Connections-Structured Cabling (E-Rate) Bid - Proposal.pdf, Start Character: 1524, End Character: 1536\*\*\*\*\* - 25-025 - Internal Connections-Structured Cabling (E-Rate) Bid - Proposal.pdf, Start Character: 1536, End Character: 1549\*\*\*\*\* - 25-025 - Internal Connections-Structured Cabling (E-Rate) Bid - Proposal.pdf, Start Character: 1877, End Character: 1889\*\*\*\*\* - 25-025 - Internal Connections-Structured Cabling (E-Rate) Bid - Proposal.pdf, Start Character: 1889, End Character: 1901<[EOF]>



# ORGANIZATIONAL CHART



systemec101 admin  
Project Owner



## COMPANY INFORMATION



MURAT YILDIRIM



MY@SYSTEC101.COM



970.646.2706

**UEI:** HFEHVJHCX743 | **CAGE CODE:** 9JK62  
**NAICS:** 334111, 334112, 334210, 517111, 517112, 517121, 517122, 517121 517122 517810 518210 541512 541513 541519

# SYSTEC101



• [SYSTEC101.COM](https://www.systec101.com)

At Systec101, our mission is to deliver comprehensive information and communication solutions tailored to the evolving needs of businesses and educational institutions. Since our founding in 2014, we have built a reputation for excellence in copper cabling, fiber optic cabling, access control, and business phone systems. With a strong focus on structured cabling design, installation, and maintenance, we aim to ensure reliability by providing an efficient and scalable infrastructure for school districts, retail environments, and office spaces. Our commitment to quality, innovation, and customer satisfaction drives everything we do.

## DIFFERENTIATORS

- BICSI Certified
- RCDD Certified
- MTA Certified
- Proprietary Web Tool!
- 20+ Years of Experience

## PAST PERFORMANCE

- Adams County School District
- Kroger Aurora Facility
- Denver Apartment Complex
- Rockland County - Department of General Services
- Colorado Community College System (CCCS)
- TJ Maxx
- Stryker

## SERVICES OFFERED

**Design, Installation, troubleshooting, and maintenance of:**

- FIBER OPTIC CABLING
- STRUCTURED CABLING
- BUSINESS PHONE SYSTEMS
- WIRELESS INFRASTRUCTURE
- DISTRIBUTED ANTENNA SYSTEMS



Denver - 11871 E 33rd Ave, Unit B, Aurora CO, 80010  
New York - 418 Broadway STE N Albany NY 12207  
E-mail: [my@systec101.com](mailto:my@systec101.com)  
Phone: 303-537-7575



## **References:**

### **1. Buckley Space Force Base Fiber Cabling**

**Project Name:** SST Fiber Cable Material and Installation

#### **Contact Information:**

CHRISTOPHER G. SMITH, CTR, Sonalysts, Inc.  
SBIRS Training Support Specialist / Project Leader  
Buckley SFB, CO 80011  
Comm: 720-847-0532 / DSN: 847-0532  
Aurora Office: 303-879-2031 ext. 5003  
Mobile: 719-660-4118  
NIPR: [christopher.smith.366.ctr@spaceforce.mil](mailto:christopher.smith.366.ctr@spaceforce.mil)

**Industry of Organization:** DOD

#### **Project Accomplishments:**

The project involved the installation of fiber optic cables outside and inside plant fiber optics.

- The initial phase consisted of a thorough survey to map out existing cabling pathways and identify optimal routes for new fiber optic cables.
- Subsequently, the team pulled and spliced fiber optic cables, establishing connections between buildings as well as between network rooms within the same building.
- The meticulous work extended to splicing individual fiber optic strands, followed by a labeling and certification process to ensure all runs met the required standards.

**Completion Date:** 2024

**Original Contract Amount:** \$34,104.34

**Completed Cost Amount:** \$34,104.34

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Phone: 303-537-7575



## **2. Adams County School District 14**

**Project Name:** E-Rate, Wireless Access Point Cabling, and 10GB Fiber Optic Interconnect

### **Contact Information:**

- David Powell  
Network Administrator  
Adams County School District  
145291 East 60th Ave.  
Commerce City, CO 80022  
Cell: 303.853.3227  
[dpowell@adams14.org](mailto:dpowell@adams14.org)  
[www.adams14.org](http://www.adams14.org)

**Industry of Organization:** County School District

### **Project Accomplishments:**

- Successfully installed over 1000 Cat 6a cable runs and fiber uplinks, ensuring unwavering connectivity throughout the school campuses.
- Gained valuable knowledge and experience in navigating the unique complexities of a school environment, which will be instrumental in successfully executing projects.

**Completion Date:** 2023

**Original Contract Amount:** \$367,994.00

**Completed Cost Amount:** \$367,994.00

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Phone: 303-537-7575



### **3. Rockland County Department of Social Services**

**Project Name:** RFP-RC-2024-006 - Access Point Installation for the Department of Social Services Building L

**Contact Information:**

- Mark Navarro  
Network Administrator - Rockland County DSS  
50 Sanatorium Road - Building L  
Pomona, New York, 10970  
Cell: 845-364-3188  
email: mark.navarro@dfa.state.ny.us

**Industry of Organization:** County government office

**Project Accomplishments:**

- Completed the installation of network cabling for the newly implemented Wi-Fi system in the Rockland County Department of Social Services' "Access Point Installation for the Department of Social Services Building L" project (RFP-RC-2024-006).

**Completion Date:** 2024

**Original Contract Amount:** \$21,340.83

**Completed Cost Amount:** \$21,340.83

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E-mail: [my@systec101.com](mailto:my@systec101.com)  
Phone: 303-537-7575



#### **4. Trinidad State College Student Housing Cabling Upgrade Project**

**Project Name:** TSC Cat6 Cabling (RCC)

**Contact Information:**

- Terry Hindsman  
Purchasing Manager  
Cell: 720-858-2772  
e-mail: [terry.hindsman@cccs.edu](mailto:terry.hindsman@cccs.edu)

**Industry of Organization:** State College Student Housing

**Project Accomplishments:**

- Successfully installed over 300 Cat6 cables in student housing facilities spread across four buildings, enhancing the college's infrastructure to provide reliable and high-speed internet connectivity for students residing in these buildings.

**Completion Date:** 2024

**Original Contract Amount:** \$135,716.19

**Completed Cost Amount:** \$135,716.19



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Murat Yildirim

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Designation Number: 330562  
Registration Start Date: 06-06-2023  
Registration End Date: 12-31-2026



**Bicsi**  
**RCDD**  
Since 06-06-2023

David M. Richards, RCDD, NTS, OSP, TECH, CT  
BICSI Board President

John H. Daniels, CNM, FACHE, FHIMSS  
BICSI Chief Executive Officer



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Designation Number: 330562

Registration Start Date: 05-01-2025

Registration End Date: 04-30-2028



Since 04-02-2019

David M. Richards, RCDD, NTS, OSP, TECH, CT  
BICSI Board President

John H. Daniels, CNM, FACHE, FHIMSS  
BICSI Chief Executive Officer