

DQ1-GJCA-2026000187 - CCA DQ 2026000187 Fiber Link  
Installation and Legacy Cable D

**Community College of Aurora**

Project: 1253

CentreTech Campus  
Arapahoe County  
Aurora, CO, 80010  
Charles Robinson  
Charles.robinson@ccaaurora.edu



Presented By:  
Systec101

SYSTEC101

11871 E 33rd Ave ,  
AURORA  
Colorado 80010  
Murat Yildirim  
admin@systec101.com  
3035377575

# SYSTEC101 QUOTE

11871 E 33rd Ave  
Suite B AURORA  
Colorado 80010  
3035377575

1253  
PO#  
DQ1-GJCA-2026000187 - CCA DQ 2026000187  
Fiber Link Installation and Legacy Cable D  
November 7, 2025

**Quoted To:**  
**Community College of Aurora**  
Charles Robinson  
CentreTech Campus  
Arapahoe County Aurora  
CO 80010  
Charles.robinson@ccaaurora.edu  
(303) 360-4713

**Site/Location:**  
**DQ1-GJCA-2026000187 - CCA DQ 2026000187 Fiber Link Installation and Legacy Cable D**

**Prepared By:**  
**Systec101**  
Murat Yildirim  
Project Manager  
admin@systec101.com  
3035377575

## Scope Of Work

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#### A. Project Preparation & Coordination

- **Site Walkthrough:** Collaborate with CCA IT/Facilities to confirm pathways, entry points, working hours, and safety requirements.
- **Approvals:** Submit a comprehensive safety plan, detailed work schedule, and all necessary submittals (rack/enclosure, fiber, patch panels, copper components) for approval before procurement.

#### B. Legacy Cable Removal & Decommissioning

- **Demolition & Cleanup:** Fully remove and dispose of legacy coaxial and telecom cabling systems, commencing from the main closet and extending to all connected rooms/areas within the project scope. This includes the removal of abandoned support hardware. All removed materials will be bundled, transported off-site, and disposed of according to campus guidelines.
- **Service Protection:** Ensure the protection of all active services and coordinate any necessary service outages with CCA.

#### C. Fiber Optic System: Materials & Installation

- **Patch Panel/Housing:** Supply and install new fiber housings in the MDF/IDF to accommodate the existing and new fiber (see Appendix A for details). The patch panel will be Corning CC-PCP 12P OS2 LC according to final port count. [www.systec101.com](http://www.systec101.com)

adapter panels (or an approved equivalent) to guarantee neat, standards-compliant terminations.

- **Backbone Fiber:** Furnish and install a new OS2 single-mode indoor/outdoor, plenum-rated cable connecting Room A107G and Room A201K, with an estimated pathway length of 140 feet. Existing conduit/pathways will be utilized where feasible; otherwise, J-hooks or ladder trays will be installed as directed.
- **Strand Count:** Provide a minimum of 42 fibers as per the DQ. The final cable selection will meet or exceed this requirement. SYSTEC101 proposes a 48-strand OS2 indoor-outdoor gel-free Corning cable to ensure spare capacity and simplify logistics.
- **Splicing/Terminations:** Fusion splice pigtails and terminate them on LC adapter panels. Protective splice trays will be provided, and fibers will be dressed to adhere to manufacturer's bend-radius guidelines (Adapter panel reference: Corning CCH-CP12-A9).
- **Identification:** All panels, trays, and cables will be labeled end-to-end in accordance with campus standards.
- **Testing:** Conduct bi-directional OTDR and light-source/power-meter testing at 1310/1550 nm for all strands. Submit PDF and native files, including event tables and loss budgets.

#### D. Copper Cabling: Materials & Installation


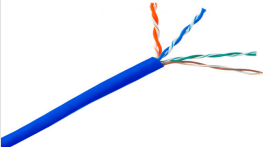


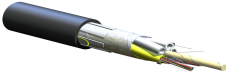

- **Quantities & Path:** Install 12 low-voltage Cat6 home runs from A107G to A201K, each approximately 140 feet in length (final lengths will be determined by field conditions).
- **Media & Hardware:** Provide plenum Cat6 cable, keystone jacks, faceplates, and 24-port Cat6 rack-mount patch panels in MDF/IDF as required. Terminations will conform to T568B. (A representative Bill of Materials includes Cat6 plenum, 24 Cat6 keystones, and two 24-port Cat6 patch panels).
- **Pathway & Supports:** Existing conduit/pathways will be utilized when available. Otherwise, J-hooks will be installed at 4-5 foot spacing, ensuring separation from power lines.
- **Labeling & Documentation:** Provide end-to-end labeling for faceplates, patch panels, and cable sheaths, adhering to campus standards.
- **Testing:** Perform 100% channel testing to Cat6 performance using calibrated field testers and provide digital results.






#### E. Cleanup & Closeout

- **Site Maintenance:** Conduct daily housekeeping, removing all debris and packing materials.

**Documentation Handover:** Provide as-built drawings (PDF) detailing fiber routes, termination locations/IDs, copper routes, and station IDs.

## Bill of Materials

Product Photo	UPC	Name	Total Quantity	Ext. Material Price	Ext. Labor Price	Ext. Price
	CCH-04U	Corning 4U Closet Connector Housing accepts up to 12 CCH panels	2	\$981.60	\$300.00	\$1,281.60
	747638240018	Cat 6 Plenum Cable	1680	\$584.64	\$2,250.00	\$2,834.64
	747638240193	CAT6 Keystone Jacks Blue	24	\$180.00	\$480.00	\$660.00
	B0000UV0A4	Tripp Lite 24-Port 1U Rackmount Cat6 110 Patch Panel	2	\$139.20	\$300.00	\$439.20
	4056418198002	Corning Indoor-Outdoor 048EWP-T4101D20 FREEDM Loose Tube, Gel-Free Cable, Plenum OS2 48 strand	140	\$918.96	\$2,400.00	\$3,318.96
	FP12LCSM3M	12 Strand Singlemode LC-UPC Fiber Pigtail (3 Meter)	8	\$306.72	\$2,400.00	\$2,706.72

	040402R5820002M	Corning OS2 LC-LC patch cord, 2M	2	\$51.72	\$10.00	\$61.72
	CCH-CP12-A9	Corning 12F OS2 adapter panel	8	\$1,051.01	\$300.00	\$1,351.01
	Fluke100	Cable certification report	1	\$0.00	\$300.00	\$300.00
	M/P	Miscellaneous parts	1	\$193.80	\$900.00	\$1,093.80
	DEMOLITION	Demolition (remove & dispose)	1	\$0.00	\$1,200.00	\$1,200.00
Total:				\$4,407.65	\$10,840.00	\$15,247.65
Shipping & Handling Charges:						\$0.00
Sales Tax: Equipment				0 %		\$0.00
Grand Total:						\$15,247.65

Community College of Aurora

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 **\$15,247.65** to **Systec101**

Payment to be made as follows:

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

Payment Stage	Billing Percentage (%)	Amount (in USD)
Stage I	100	15247.65

Please remit the payments to **Systec101 11871 E 33rd Ave Suite B,AURORA Colorado 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, **Systec101** 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

Systec101 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 Systec101 was responsible for during the Project, Systec101 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 Systec101'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, Systec101, within its 6 months warranty period, will provide reasonable assistance to the Customer in facilitating any warranty claims with the respective equipment manufacturers.



## DESCRIPTION

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SYSTEC101

11871 E 33rd Ave, Unit B

Aurora, CO 80010

303-537-7575 | my@systec101.com

November 7, 2025

Charles Robinson

Procurement & Contracts Administrator

Community College of Aurora – CentreTech Campus

16000 E CentreTech Parkway

Aurora, CO 80011

Re: Documented Quote DQ 2026000187 – Fiber Link Installation & Legacy Cable Decommissioning

Dear Mr. Robinson,

SYSTEC101 is pleased to submit this bid in support of our quote for DQ 2026000187, “Fiber Link Installation and Legacy Cable Decommissioning.” We appreciate the opportunity to help the Community College of Aurora (CCA) modernize its network infrastructure and fully align with the goals and schedule outlined in your solicitation

Understanding of the Project

- Demolish and remove legacy coaxial/telecom cabling from the Administration Building closets and associated rooms.
- Furnish and install a new enclosure to house existing and new fiber adjacent to the demarcation closet.

- Provide and certify a 42-strand single-mode fiber link (approx. 140 ft) between Rooms

A107G and A201K, including all Corning components listed in our BOM.

- Install and certify twelve (12) CAT6 plenum Ethernet runs (approx. 140 ft each) between the same rooms \*.

Our proposed schedule meets CCA's desired one-month completion window that begins on or about November 14, 2025 \*\*.

### Why SYSTEC101

- Proven higher-education experience—recently completed structured-cabling upgrades for Trinidad State College and Adams County School District 14, delivering over 1,300 copper and fiber drops on schedule and on budget \*\*\*.
- Certified expertise—BICSI-certified installers and an RCDD oversee every design and installation
- Quality materials—Corning housings, panels, and OS2 loose-tube fiber; Tripp Lite patch panels; SYSTEC101 CAT6 plenum cable—all stocked and ready for deployment
- Safety & compliance—We carry insurance that meets or exceeds the State's minimum limits and will list CCA as additional insured as required
- Local presence—Our warehouse and technicians are based less than five miles from the CentreTech Campus, enabling rapid response and minimal mobilization costs.

### Project Team & Resources

- Murat Yildirim - Lead Technician / RCDD (15 yrs experience)
- Tom - Installer/Technician

The team's combined labor rates and estimated hours have been detailed in the attached price sheet and meet CCA's "all-inclusive" pricing requirement

### Commitment

SYSTEC101 commits to:

- Begin work immediately upon issuance of the Purchase Order (target 11/14/25).
- Complete all demolition, installation, testing, and as-built documentation within 30 calendar days.
- Provide Fluke DSX Level III certification reports for all copper and fiber links.

We look forward to partnering with CCA to deliver a resilient, future-ready network backbone. Please do not hesitate to contact me at 970-646-2706 or my@systec101.com with any questions.

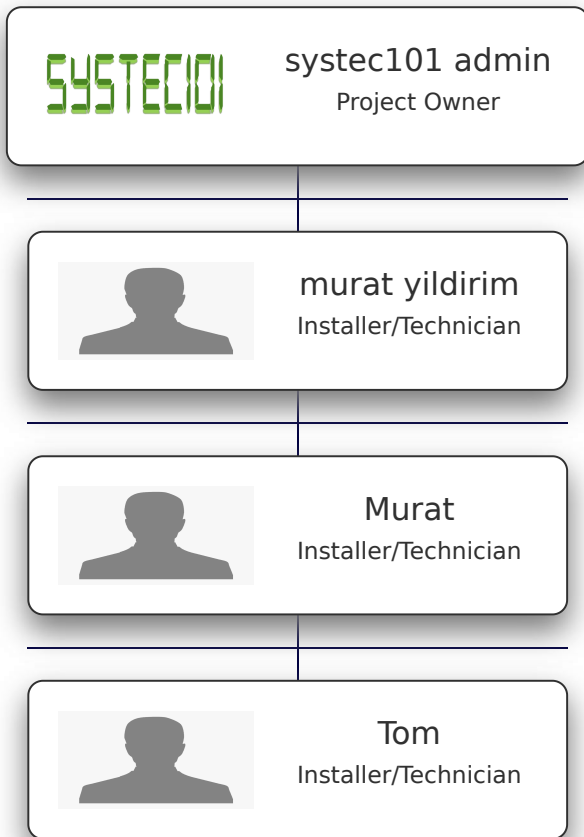
Respectfully submitted,

Murat Yildirim

President | RCDD, BICSI Certified

SYSTEC101

# ORGANIZATIONAL CHART



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

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



### **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

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



#### **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





## 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





Building Industry Consulting Service International

THE PROFESSIONAL DESIGNATION OF

**REGISTERED COMMUNICATIONS  
DISTRIBUTION DESIGNER®**

IS AWARDED TO

Murat Yildirim

by BICSI in recognition of having successfully completed BICSI's registration and examination requirements.

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



Building Industry Consulting Service International

THE PROFESSIONAL DESIGNATION OF

**BICSI TECHNICIAN**

IS AWARDED TO

Murat Yildirim

by BICSI in recognition of having successfully completed BICSI's registration and examination requirements.

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

## Vendor Information

Vendor Name: SYSTEC101


Federal ID Number (TIN): 47-1644654

Vendor Address: 11871 E 33rd Ave Unit B Aurora, CO 80010

Vendor Phone/Fax: 970-646-2706

E-Mail Address: my@systec101.com

Printed Name, Title: Murat Yildirim / Owner

Authorized Signature: 

Payment Terms FOB Destination/Net 45

Using the Federal Government definition, does your company qualify as:

A Small Business Yes ☒ No ☐ A Woman Owned Business Yes ☐ No ☐

A Minority Business Yes ☐ No ☐ If Yes, State Ethnicity:

A Service Disabled Veteran Owned Small Business (SDVOSB) (If yes, provide certification) Yes ☐ No ☐

Are you a member of the ColoradoVSS System Yes ☒ No ☐

ColoradoVSS System vendor number: VS50000000017954

**Price List:**

**QUOTE PER SPECIFICATIONS. PRICE TO INCLUDE DELIVERY AS SPECIFIED, F.O.B. DESTINATION.**

**PROVIDE SUMMARY PRICING FOR THE FOLLOWING:**

Line	Part Number (if Applicable)	Description	Qty.	Unit Price	Extended Price
		Total Material Cost	1	\$4,407.65	\$4,407.65
		Total Labor Cost	1	\$9,670.00	\$9,640.00
		Total Bid			\$14,047.65

**QUOTE DELIVERY IN WEEKS ARO**

2 Weeks

**STATE ALL WARRANTIES AND LENGTH(S) OF TIME 2 Year labor and 25 year materials warranty**

- Vendors new to CCA may be required to submit additional information to prove responsibility as described in State of Colorado Procurement Code.
- College is solely responsible for determining suitability of offered product
- Shipping and miscellaneous fees are required to be included in bid, if applicable.
- Vendor shall be responsible for any damaged or incorrect product at their expense

-End of Bid Form-