

FY25 Strasburg C2 Cabling

STRASBURG SCHOOL DIST 31 J

Project: 1105

56729 E Colorado

Strasburg,CO,80136



Strasburg School District 31J

Presented By:
US

SYSTEC101

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

DESCRIPTION

The Terms and Conditions related to the FY25 Strasburg C2 Cabling project include several key elements:

1. **Contract Terms and Duration:** The Applicant seeks a multi-year agreement beginning April 1, 2025, through September 30, 2026, with an optional renewal until September 30, 2027. This renewal aligns with an extended E-Rate service delivery deadline if necessary*.
2. **Pricing and Costs:** Costs provided by offerors must be valid for the term of the contract, including extensions, and the price may not increase during the term of the contract. The pricing must not assume the Applicant will purchase full quantities listed, and they reserve the right to place orders as needed**.
3. **Disqualification Factors:** Proposals may be disqualified for reasons such as unauthorized contact with the Applicant, submission after the bid due date, not meeting service requirements, inclusion of used or non-definitive cost items, and submission of generic proposals or partial service offerings***.
4. **Communication Restrictions:** All communication with the Applicant regarding the solicitation must be submitted via email to designated contacts. Unauthorized contact can lead to disqualification of the Offeror****.
5. **Proposal Submission Guidelines:** Proposals must be submitted via email by the deadline. They should include the Applicant name, FCC Form details, SPIN, and the service provider's terms and conditions*****.
6. **E-Rate Considerations:** Compliance with the E-Rate rules is required, including offering the Lowest Corresponding Price as per 47 C.F.R. § 54.511*****.

These terms ensure clarity and compliance with federal and local guidelines for public education projects.

- - FY25 Strasburg C2 Cabling Scope of Work.pdf, Start Character: 370, End Character: 383** - FY25 Strasburg C2 Cabling Scope of Work.pdf, Start Character: 701, End Character: 714*** - FY25 Strasburg C2 Cabling Scope of Work.pdf, Start Character: 1022, End Character: 1035**** - FY25 Strasburg C2 Cabling Scope of Work.pdf, Start Character: 1253, End Character: 1266***** - FY25 Strasburg C2 Cabling Scope of Work.pdf, Start Character: 1474, End Character: 1487***** - FY25 Strasburg C2 Cabling Scope of Work.pdf, Start Character: 1641, End Character: 1654<[EOF]>

ORGANIZATIONAL CHART



systemec101 admin
Project Owner

Denver - 11871 E 33rd Ave, Unit B, Aurora CO, 80010
New York - 418 Broadway STE N Albany NY 12207
E-mail: 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

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
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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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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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

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



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THE PROFESSIONAL DESIGNATION OF

**REGISTERED COMMUNICATIONS
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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

Denver- 11871 E 33rd Ave Unit B Aurora CO 80010

E-mail: my@systec101.com

Phone: 303-537-7575



Dear Mr. Dodge,

I am writing to express our strong interest in the FY25 Strasburg C2 Cabling project to enhance your district's fiber optic infrastructure. SYSTEC 101 has a proven track record of delivering high-quality cabling solutions that optimize operational efficiency and connectivity within educational settings.

Project Understanding and Approach

We understand the full scope of this project, which involves transitioning your existing aerial fiber line to a grounded network that runs approximately 250 feet between Strasburg High School and Elementary School. Our team specializes in these installations, ensuring minimal disruption while following all state and federal regulations. We have successfully managed similar projects for the Adams County School District and Rockland County Department of Social Services.

Scope of Work

Our proposal outlines the necessary steps to install a 24-strand single-mode fiber optic cable, utilizing a combination of direct burial techniques and rack mount enclosures. This includes the provision and installation of 2" conduits and thorough project management to ensure timely and efficient delivery.

Qualifications and References

SYSTEC 101 has extensive experience in structured cabling and has been instrumental in projects that required precise execution under stringent specifications. Attached within this proposal, you will find detailed references from relevant projects of similar magnitude.

We believe that our commitment to quality, strict adherence to timelines, and favorable cost structures make us an excellent candidate for this project. We assure you of our dedication to providing a robust and future-proof solution tailored to the needs of Strasburg School District.

Thank you for considering our proposal. We are excited about the opportunity to contribute to your technological infrastructure endeavors and are eager to discuss any further details at your convenience.

Warm regards,

SYSTEC101
11871 E 33rd Ave Unit B Aurora CO, 80010
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303-537-7575



Category Two– Internal Connections STRASBURG SCHOOL DIST 31 J

Base Proposal

Date: 03/10/2025

SYSTEC101 will be providing the following:
Please note that based on General Contractor's request, SYSTEC101 will furnish and install structured cabling system STRASBURG SCHOOL DIST
Address : 56729 E COLORADO STRASBURG, CO 80136 ADAMS

Name of the System	Divisions	Price Break down
E-rate Eligible	-	\$ 18,794.45
Grand Total - Base Proposal:		\$ 18,794.45

Category Two– Internal Connections

Scope of Work

STRASBURG SCHOOL DIST

- 1. SYSTEC101 will furnish and install (1) 24 strand singlemode fiber between High School and Elementary school.
- 2. We will furnish and install a total of (2) 1U rack mount enclosures.
- 3. We will furnish and install a total of (48) LC Connectors.
- 4. We will furnish and install a total of (4) 12F LC Adapter Panels.
- 5. We will furnish 2" conduit to a tune of upto 30' with all necessary supporting hardware.
- 6. We will trench for a maximum of upto 80' and bury the cable directly.
- 7. Racks and Network Equipment to be existing.
- 8. Existing pathways will be used as much as possible.
- 9. We will furnish and install a total of (8) fiber jumpers at two different sizes.

Common:

- 1. All empty ports on faceplates will be covered using blanks.
- 2. J-Hooks will be installed as required to support traversal of the cable bundle.
- 3. All cabling will be secured using velcro, tie-wraps and other necessary supporting material.

IDF/MDF room:

- 1. Telecom Room with Data Racks and Wire Management to be Existing

Cable Tray:

- 1. Cable Tray is not included in our scope and to be provided by the Elec Contractor.

Warranty:

- 1. SYSTEC101 will provide 5-Years warranty for all work and components.

Deliverables:

- 1. A cut sheet of Jack ID to room number mappings in electronic form.
- 2. An as-built floor plan with drop locations in electronic form (CAD or PDF).
- 3. Test results labeled with Jack ID provided as a single report.
- 4. Test results will include a pass-fail summary followed by detailed test results for each Jack ID.

Common:

1. SYSTEC101 will install, terminate, test and label all the cables provided above.
2. All labeling will be machine printed.
3. All the penetrations made for the installation of telecommunication cables will be firestopped using putty and sealant.
4. All terminations and testing will be done as per TIA/EIA/BICSI standards.
5. We will provide the Owner with closeouts (test results and as-builts) at the end of the project.
6. Furnishing and installation of fire alarm systems.

Qualifications:

1. All work is to be performed during regular working hours, unless otherwise noted.
2. Pricing does not include any power poles, UPS and PDUs or any scope of work related to security, networking equipments.
3. SYSTEC101 must have proper access to all areas necessary to complete the project in a timely fashion.
4. No demo, cutover, ISP link, network equipment and its related accessories (SFPs, aggregators, and uplink patch cords) is included in this proposal.
5. Any additional labor or material required beyond the scope of this proposal will be done on a change order, signed by a customer representative.
6. No copper backbone cabling is included in this proposal.

Structured cabling system:**Category Two– Internal Connections STRASBURG SCHOOL DIST 31 J****Equipment and Labor**

Part Number	E-rate Eligible Material	Quantity	Material Price	Labor Cost	Unit Price	Ext.Price
024E8P-31131-29	Corning 24 Strand Singlemode Outdoor Armored Direct Burial Fiber Optic Cable - Black	350	\$ 3.02	\$ -	\$ 3.02	\$ 1,058.58
CCH-01U	Closet Connector Housing (CCH) One Rack Unit, Holds Two CCH Connector Panels	2	\$ 306.71	\$ -	\$ 306.71	\$ 613.41
95-200-99	UniCam Connector, LC, Singlemode (OS2)	48	\$ 17.25	\$ -	\$ 17.25	\$ 828.00
CCH-CP12-A9	Closet Connector Housing (CCH) Panel, LC adapters, Duplex, 12 fiber, singlemode OS2	4	\$ 144.10	\$ -	\$ 144.10	\$ 576.38
J-	LC/APC - LC/APC Singlemode Duplex Patch Cable, 1M	4	\$ 23.00	\$ -	\$ 23.00	\$ 92.00
J-	LC/APC - LC/APC Singlemode Duplex Patch Cable, 3M	4	\$ 34.50	\$ -	\$ 34.50	\$ 138.00
Part Number	Labor	Quantity	Material Price	Labor Cost	Unit Price	Ext.Price
N/A	Labor for completing the stated Scope of Work	64	\$ -	\$ 85.00	\$ 85.00	\$ 5,440.00
N/A	Project Management	4	\$ -	\$ 85.00	\$ 85.00	\$ 340.00
0	0	0	\$ -	\$ -	\$ -	\$ -

Total Equipment : \$ 3,306.37

Total Labor: \$ 5,780.00

Total: \$ 9,086.37

Equipment and Labor

Part Number	E-rate Non Eligible Material	Quantity	Material Price	Labor Cost	Unit Price	Ext.Price
Conduits	2" Conduit with required hardware	1	\$ 960.00	\$ -	\$ 960.00	\$ 960.00
FS400	4" Sleeve only for Teleco Room	2	\$ 144.00	\$ -	\$ 144.00	\$ 288.00
N/A	Malleable Beam Clamps	50	\$ 4.80	\$ -	\$ 4.80	\$ 240.00
ICCMSJHW44	ICC 2" Batwing J-hook	50	\$ 3.74	\$ -	\$ 3.74	\$ 187.20
30987	Hook & Loop Cable Fastener	1	\$ 32.88	\$ -	\$ 32.88	\$ 32.88
Trench	Trenching Materials	1	\$ 600.00	\$ -	\$ 600.00	\$ 600.00
Part Number	Labor	Quantity	Material Price	Labor Cost	Unit Price	Ext.Price
N/A	Labor for completing the stated Scope of Work	60	\$ -	\$ 125.00	\$ 125.00	\$ 7,500.00
N/A	Project Management	4	\$ -	\$ 125.00	\$ 125.00	\$ 500.00

Total Equipment : \$ 1,708.08

Total Labor: \$ 8,000.00

Total : \$ 9,708.08

Purchase Authorization

Date

Denver- 11871 E 33rd Ave Unit B Aurora CO 80010

E-mail: my@systec101.com

Phone: 303-537-7575



SYSTEC101 TERMS AND CONDITIONS

1. Provision of Services

Systec101 will provide comprehensive structured cabling services, including installation, termination, and testing, for the FY25 Strasburg Cabling project. All work will comply with E-rate eligibility requirements and industry standards.

2. Proposal Submission and Pricing Commitment

Our proposal will include the required SPIN. Pricing will remain fixed unless change orders are approved.

3. Contract Term and Renewal Options

The initial contract will run from April 1, 2025, through September 30, 2026, with an option to renew until September 30, 2027, based on mutual agreement and a pricing and terms review.

4. Equipment Specifications and Adjustments

All equipment will meet or exceed project specifications. Substitutions require client approval and will be of equal or greater quality at no additional cost, unless agreed upon.

5. Communications and Proposal Protocol

Systec101 will not contact project applicants or stakeholders without authorization and will adhere to all communication protocols. Proposals and documentation will be submitted by project deadlines.

6. Record-Keeping and Compliance

Systec101 will maintain service-related documentation for at least 10 years and make it available for audits or disputes.

7. Regulatory Compliance

Systec101 will comply with all applicable laws and regulations and obtain necessary permits and licenses.

8. Warranty and Liability

Systec101 will provide a warranty covering materials and workmanship, with specifics in the final contract.

9. Conflict Resolution

Disputes will be resolved through negotiation and mediation, and if unsuccessful, through legal action.

10. Termination Clauses

Either party may terminate with written notice, subject to terms in the final contract.