

2025- 008 Library Wiring

Office of the First Selectman

Project: 1177

501 Main Street South

Southbury,CT,06488









Presented By:
Systec101

SYSTEC101

5 Division St ,
New Rochelle
NY 10801
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
	078477144 59	Leviton eXtreme Cat 6 QuickPort Connector, White MFR #: 61110-RW6	250 each	\$10.46	\$2,616.00	\$5,000.00	\$7,616.00
	B003AU8KL 1	Leviton 49255-H24 QuickPort Patch Panel, 24-Port, 1RU, Cable Management Bar Included, Black	12 each	\$39.19	\$470.30	\$900.00	\$1,370.30
	Fluke100	Cable certification report	220 each	\$0.00	\$0.00	\$2,750.00	\$2,750.00
	30987	3/4" Velcro (75ft)	3 each	\$38.77	\$116.32	\$0.00	\$116.32
	L/B	Labeling Kits	12	\$60.00	\$720.00	\$0.00	\$720.00
	PM100	Project Management	1 each	\$0.00	\$0.00	\$600.00	\$600.00

Total:

\$3,922.62

\$9,250.00

\$13,172.62

Shipping & Handling Charges:

\$0.00

Sales Tax: Equipment

0 %

\$0.00

Grand Total:

\$13,172.62

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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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

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Denver - 11871 E 33rd Ave, Unit B, Aurora CO, 80010
E-mail: my@systec101.com
Phone: 303-537-7575



Subject: Bid Proposal for Library Wiring Project

Dear David Richards

Systec101, established in 2014, is pleased to submit this proposal for the Library Wiring Project. We specialize in comprehensive information and communication solutions for businesses and educational institutions, with expertise in copper and fiber optic cabling, access control, and business phone systems. Our focus on structured cabling design, installation, and maintenance ensures a reliable, efficient, and scalable infrastructure.

Our Differentiators:

- BICSI Tech Certified
- RCDD Certified
- 20+ Years of Industry Experience

Our Core Services Include:

- Fiber Optic Cabling
- Structured Cabling
- Wireless Infrastructure
- Distributed Antenna Systems

Relevant Past Performance Highlights:

- Completed over 1000 Cat 6a cable runs and fiber uplinks for Adams County School District 14, ensuring consistent campus connectivity.
- Implemented network cabling for new Wi-Fi systems at Rockland County Department of Social Services.
- Currently undertaking the PA wiring project for New Canaan High School.

Our commitment to quality, innovation, and customer satisfaction guides every project. We are confident that our experience and dedication make us the ideal partner for your Library Wiring Project.

Thank you for considering our proposal. We look forward to the opportunity to discuss our qualifications further.

Sincerely,

Murat Yildirim
Founder
Systec101

Scope of Work: Southbury Public Library Wiring Project

Submitted by: Systec101

Introduction:

Systec101 is prepared to undertake the comprehensive network overhaul at the Southbury Public Library. This project involves replacing and upgrading the entire technology infrastructure following flood damage. Our team possesses extensive expertise in structured cabling and network design, ensuring the establishment of a robust and reliable system for the library.

Scope of Work:

- 1. Patch Panel Replacement:**
 - We will carefully remove existing patch panels and install twelve new 24-port CAT 6 (or higher) panels.
- 2. Cable Organization and Termination:**
 - Our team will re-organize all cables into 24 bundles to create a professional cable plant. All network cables in the rack will be reterminated.
- 3. Patch Cable Replacement:**
 - Systec101 will replace all 240 CAT 6 (or higher) patch cables with new, color-coded cables, utilizing up to four different colors to facilitate network management.
- 4. Hardware and Support Installation:**
 - We will supply and install all necessary hardware, including rack mount components and wire management solutions, to efficiently support the new network infrastructure.
- 5. Cable Testing and Certification:**
 - All cables will be certified using Fluke Versiv 2. We will reterminate or replace jacks as needed during the certification process.

Commitment and Compliance:

- **Mandatory Site Walk Engagement:** Our team will attend the pre-bid site walk at the Southbury Public Library to review technical specifications and assess site conditions, ensuring complete alignment.
- **Regulatory Adherence:** Systec101 adheres to all electrical codes and industry standards, guaranteeing a safe, efficient, and compliant installation.
- **Project Schedule:** Systec101 can commence work within 30 days of project approval and will complete the project within the subsequent 30 days.

Final Deliverables:

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- A fully installed and operational network system, comprehensively tested to ensure optimal performance.
- Detailed project documentation, including updated network diagrams and cable certification results, for ease of future maintenance.

Systec101 is dedicated to providing superior service and solutions. We eagerly anticipate the successful completion of this essential project.