



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:

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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