

Farmington Public Schools 33000 Freedom Road Farmington, MI 48336

Base Proposal

Date: 08/01/2025

SYSTEC101 will be providing the following:

Please note that based on General Contractor's request, SYSTEC101 will furnish and install data communications system to Farmington Public Schools.

Please note that "The performing and bonding rate is not included in this proposal. If required, it will be a 2.7% additional charge from the value of the proposal"

BASE BID

School Name	Each School Total	
Beechview Elementary School	\$	108,860.46
Forest Elementary School	\$	100,148.55
E.C Stevens Elementary School	\$	81,617.38
Hillside Elementary School	\$	98,374.81
Kenbrook Elementary School	\$	100,143.87
Lanigan Elementary School	\$	106,626.46
Longacre Elementary School	\$	277,009.25
Woodcreek Elementary School	\$	296,533.30
Steam Academy Elementary School	\$	400,076.01
Farmington Central Highschool	\$	379,459.87
Facilities	\$	115,111.83
Transportation	\$	245,036.97

Grand Total	\$	2,308,998.76
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Scope of Work

Systec will furnish and install data infrastructure for a total of (12) schools as mentioned below.

School Name	Site Address
Beechview Elementary School	26850 Westmeath Ct.Farmington Hills MI48334
Forest Elementary School	34545 Old Timber Rd.Farmington Hills MI48331
Gill Elementary School	21195 Gill Rd.Farmington Hills MI48335
Hillside Elementary School	36801 W. Eleven Mile Rd.Farmington Hills MI48335
Kenbrook Elementary School	32130 Bonnet Hill Dr.Farmington Hills MI48334
Lanigan Elementary School	23800 Tuck Rd.Farmington Hills MI48336
Longacre Elementary School	34850 Arundel St.Farmington MI48335
Woodcreek Elementary School	28400 Harwich Drive Farmington Hills MI48334
Steam Academy Elementary School	32800 W. 12 Mile Road Farmington Hills MI48334
Farmington Central Highschool	30175 Highmeadow Rd.Farmington Hills MI48334
Facilities	-
Transportation	-

Beechview Elementary School:

1. SYSTEC101 will furnish and install a total of (49) Cat 6 plenum cables (blue) for data to (49) outlets.
2. We will furnish and install (49) Cat 6 plenum cables (blue) to (49) Single data wall outlets.
3. Each data wall outlet gets (1) Cat 6 jack (blue) on a compatible faceplate (white).
4. All empty ports on faceplates will be covered using blanks.
5. Furnish and install Wiremold V 2000 Drop Down Package as required.
6. J-Hooks will be installed as required to support traversal of the cable bundle.
7. All cabling will be secured using velcro, tie-wraps and other necessary supporting material.

Forest Elementary School:

1. SYSTEC101 will furnish and install a total of (51) Cat 6 plenum cables (blue) for data to (51) outlets.
2. We will furnish and install (51) Cat 6 plenum cables (blue) to (51) Single data wall outlets.
3. Each data wall outlet gets (1) Cat 6 jack (blue) on a compatible faceplate (white).
4. All empty ports on faceplates will be covered using blanks.
5. Furnish and install Wiremold V 2000 Drop Down Package as required.
6. J-Hooks will be installed as required to support traversal of the cable bundle.
7. All cabling will be secured using velcro, tie-wraps and other necessary supporting material.

Gill Elementary School:

1. SYSTEC101 will furnish and install a total of (58) Cat 6 plenum cables (blue) for data to (58) outlets.
2. We will furnish and install (58) Cat 6 plenum cables (blue) to (58) Single data wall outlets.
3. Each data wall outlet gets (1) Cat 6 jack (blue) on a compatible faceplate (white).
4. All empty ports on faceplates will be covered using blanks.
5. Furnish and install Wiremold V 2000 Drop Down Package as required.
6. J-Hooks will be installed as required to support traversal of the cable bundle.
7. All cabling will be secured using velcro, tie-wraps and other necessary supporting material.

Hill Side Elementary School:

1. SYSTEC101 will furnish and install a total of (86) Cat 6 plenum cables (blue) for data to (86) outlets.
2. We will furnish and install (86) Cat 6 plenum cables (blue) to (86) Single data wall outlets.
3. Each data wall outlet gets (1) Cat 6 jack (blue) on a compatible faceplate (white).
4. All empty ports on faceplates will be covered using blanks.
5. Furnish and install Wiremold V 2000 Drop Down Package as required.
6. J-Hooks will be installed as required to support traversal of the cable bundle.
7. All cabling will be secured using velcro, tie-wraps and other necessary supporting material.

Kenbrook Elementary School:

1. SYSTEC101 will furnish and install a total of (67) Cat 6 plenum cables (blue) for data to (67) outlets.
2. We will furnish and install (67) Cat 6 plenum cables (blue) to (67) Single data wall outlets.
3. Each data wall outlet gets (1) Cat 6 jack (blue) on a compatible faceplate (white).
4. All empty ports on faceplates will be covered using blanks.
5. Furnish and install Wiremold V 2000 Drop Down Package as required.
6. J-Hooks will be installed as required to support traversal of the cable bundle.
7. All cabling will be secured using velcro, tie-wraps and other necessary supporting material.

Lanigan Elementary School:

1. SYSTEC101 will furnish and install a total of (106) Cat 6 plenum cables (blue) for data to (106) outlets.
2. We will furnish and install (106) Cat 6 plenum cables (blue) to (106) Single data wall outlets.
3. Each data wall outlet gets (1) Cat 6 jack (blue) on a compatible faceplate (white).
4. All empty ports on faceplates will be covered using blanks.
5. Furnish and install Wiremold V 2000 Drop Down Package as required.
6. J-Hooks will be installed as required to support traversal of the cable bundle.
7. All cabling will be secured using velcro, tie-wraps and other necessary supporting material.

Longacre Elementary School:

1. SYSTEC101 will furnish and install a total of (45) Cat 6 plenum cables (blue) for data to (45) outlets.
2. We will furnish and install (45) Cat 6 plenum cables (blue) to (45) Single data wall outlets.
3. Each data wall outlet gets (1) Cat 6 jack (blue) on a compatible faceplate (white).
4. All empty ports on faceplates will be covered using blanks.
5. Furnish and install Wiremold V 2000 Drop Down Package as required.
6. J-Hooks will be installed as required to support traversal of the cable bundle.
7. All cabling will be secured using velcro, tie-wraps and other necessary supporting material.

Woodcreek Elementary School:

1. SYSTEC101 will furnish and install a total of (59) Cat 6 plenum cables (blue) for data to (59) outlets.
2. We will furnish and install (59) Cat 6 plenum cables (blue) to (59) Single data wall outlets.
3. Each data wall outlet gets (1) Cat 6 jack (blue) on a compatible faceplate (white).
4. All empty ports on faceplates will be covered using blanks.
5. Furnish and install Wiremold V 2000 Drop Down Package as required.
6. J-Hooks will be installed as required to support traversal of the cable bundle.
7. All cabling will be secured using velcro, tie-wraps and other necessary supporting material.

Steam Academy Elementary School:

1. SYSTEC101 will furnish and install a total of (84) Cat 6 plenum cables (blue) for data to (84) outlets.
2. We will furnish and install (84) Cat 6 plenum cables (blue) to (84) Single data wall outlets.
3. Each data wall outlet gets (1) Cat 6 jack (blue) on a compatible faceplate (white).
4. All empty ports on faceplates will be covered using blanks.
5. Furnish and install Wiremold V 2000 Drop Down Package as required.
6. J-Hooks will be installed as required to support traversal of the cable bundle.
7. All cabling will be secured using velcro, tie-wraps and other necessary supporting material.

Central High School:

1. SYSTEC101 will furnish and install a total of (73) Cat 6 plenum cables (blue) for data to (73) outlets.
2. We will furnish and install (73) Cat 6 plenum cables (blue) to (73) Single data wall outlets.
3. Each data wall outlet gets (1) Cat 6 jack (blue) on a compatible faceplate (white).
4. All empty ports on faceplates will be covered using blanks.
5. Furnish and install Wiremold V 2000 Drop Down Package as required.
6. J-Hooks will be installed as required to support traversal of the cable bundle.
7. All cabling will be secured using velcro, tie-wraps and other necessary supporting material.

Facilities:

1. SYSTEC101 will furnish and install a total of (44) Cat 6 plenum cables (blue) for data to (44) outlets.
2. We will furnish and install (44) Cat 6 plenum cables (blue) to (44) Single data wall outlets.
3. Each data wall outlet gets (1) Cat 6 jack (blue) on a compatible faceplate (white).
4. All empty ports on faceplates will be covered using blanks.
5. Furnish and install Wiremold V 2000 Drop Down Package as required.
6. J-Hooks will be installed as required to support traversal of the cable bundle.
7. All cabling will be secured using velcro, tie-wraps and other necessary supporting material.

Transportation:

1. SYSTEC101 will furnish and install a total of (20) Cat 6 plenum cables (blue) for data to (20) outlets.
2. We will furnish and install (20) Cat 6 plenum cables (blue) to (20) Single data wall outlets.
3. Each data wall outlet gets (1) Cat 6 jack (blue) on a compatible faceplate (white).
4. All empty ports on faceplates will be covered using blanks.
5. Furnish and install Wiremold V 2000 Drop Down Package as required.
6. J-Hooks will be installed as required to support traversal of the cable bundle.
7. All cabling will be secured using velcro, tie-wraps and other necessary supporting material.

IDF/MDF room:

1. We will furnish and install 48-port modular flat unshielded patch panel (black) and strain relief bar rear of the patch panel. All Cat 6 cables will be terminated in these newly installed patch panels.
2. We will furnish and install a total of 2U horizontal cable manager (dual-sided) (black).
3. We will furnish and install Chatsworth elevation kit for rack.
4. We will furnish and install Chatsworth rack to runway mounting plate.
5. We will furnish and install Chatsworth 12" W ladder rack.
6. We will furnish and install Chatsworth 12" W radius drop.
7. We will furnish and install Chatsworth 12" W triangular wall bracket.
8. We will furnish and install Chatsworth 12" W wall angle kit.
9. We will furnish and install Chatsworth Junction splice kit.
10. We will furnish and install Chatsworth vertical wall bracket.
11. We will furnish and install Chatsworth end cap.

Common:

1. We will provide Cat 6 patch cord, 1 ft (blue) at IDF/MDF room end.
2. We will provide Cat 6 patch cord, 6 ft (blue) at User end.
3. All patch panels will be provided with strain relief bar.
4. All cabling will be secured using velcro, tie-wraps and other necessary supporting material.

Backbone cabling:

1. We will furnish and install an Singlemode indoor/outdoor rated 12-strand, single-mode optical fiber cable from the MDF to each new IDF cabinet
2. The fiber shall terminate on each side in a 1U rack-mount fiber panel with SC connectors. We shall provide (1) fiber patch cable per side with SC-SC connectors.

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.

Scope of work by others:

1. All 110 VAC, conduit, coring, stub-ups, single device cover, junction boxes, and structural reinforcement.
2. Adequate on-site storage will be provided.
4. Furnishing and installation of network equipment (switches, SFPs, uplink patch cords and servers) and ISP link (firewall, routers and demarc extension).
5. Furnishing and installation of HVAC and electrical systems in the IDF/MDF Room.
6. Furnishing and installation of Empty conduits and stub up conduits.

Qualifications:

1. **Due to extreme price fluctuations, we can only hold the material pricing for 60 days. Any material price hikes after 60 days will be borne by the client.**
- 2 All work is to be performed during regular working hours, unless otherwise noted.
3. If required, stub ups, conduit and coring are to be provided by customer.
4. Pricing does not include any surface raceways, wiremold, power poles, UPS and PDUs or any scope of work related to security, networking equipments.
5. SYSTEC101 must have proper access to all areas necessary to complete the project in a timely fashion.
6. No demo, cutover, ISP link, network equipment and its related accessories (SFPs, aggregators, and uplink patch cords) is included in this proposal.
7. Based on General - Panduit (Mini-com) cabling solution.
8. Any additional labor or material required beyond the scope of this proposal will be done on a change order, signed by a customer representative.
9. Furnishing and installation of cables for the TV system, WAP system, and video surveillance system, exclusively at the facility, along with Transportation.
10. Pricing does not include any cable tray or its related products.
11. Conduits should be made ready prior to cabling installation.
12. No copper backbone cabling is included in this proposal.
13. Uplinking the entire network using active electronics by others. We will only provide empty network infrastructure, powering the network using network equipment and routers, and connecting them to ISP link is responsible by owner or ISP.
14. **The conduits, conduit sleeving, conduit rough-in to be provided by the electrical contractor.**
15. **We will not provide and install fire rated plywood backboards and telecommunications grounding busbars at MDF/IDF rooms end. If necessary, a new changed order will be proposed.**
16. **We will only install customer provided racks, vertical wire managers and power distribution units. All other Network Equipment to be owner furnished and owner installed.**

Arapahoe Ridge Elementary School

Equipment and Labor

Part Number	Materials	Quantity	Material Price	Labor Cost	Unit Price	Ext. Price
UN874035104/10	Commscope Category 6A U/UTP Cable, plenum, blue jacket (per ft)	62000	\$ 0.67	\$ -	\$ 0.67	\$ 41,354.00
760241141	Commscope Cat 6A unshielded jack (blue)	275	\$ 9.90	\$ -	\$ 9.90	\$ 2,722.91
M12L-262	Commscope 2-port faceplate (white)	275	\$ 2.30	\$ -	\$ 2.30	\$ 632.50
107067928	Commscope blanks (white)	275	\$ 0.52	\$ -	\$ 0.52	\$ 142.31
Part Number	IDF/MDF room Buildout	Quantity	Material Price	Labor Cost	Unit Price	Ext. Price
760162818	Commscope 48-port Cat 6A flat patch panel, 2RU (black)	11	\$ 471.50	\$ -	\$ 471.50	\$ 5,186.50
SRB19BLY	Panduit strain relief bar	11	\$ 24.30	\$ -	\$ 24.30	\$ 267.29
UC1AAA2-09F01	Cat 6A patch cord, 1 ft	275	\$ 5.18	\$ -	\$ 5.18	\$ 1,423.13
UC1AAA2-09F010	Cat 6A patch cord, 10 ft	275	\$ 17.25	\$ -	\$ 17.25	\$ 4,743.75
Part Number	Backbone Cabling	Quantity	Material Price	Labor Cost	Unit Price	Ext. Price
012E8P-31131-29	Corning 12-strand tight buffered singlemode (OS2) indoor/outdoor plenum rated fiber optic cable (per ft)	650	\$ 1.30	\$ -	\$ 1.30	\$ 844.68
CCH-CP12-A9	Corning 12F (OS2) duplex LC adapter panel	2	\$ 132.25	\$ -	\$ 132.25	\$ 264.50
95-200-99	Corning (OS2) LC Connectors	24	\$ 20.64	\$ -	\$ 20.64	\$ 495.42
CCH-01U	Corning 1U fiber enclosure	2	\$ 312.89	\$ -	\$ 312.89	\$ 625.78
J-LACLAC102DX001M	LC/APC - LC/APC Singlemode Duplex Patch Cable, 1M	4	\$ 23.00	\$ -	\$ 23.00	\$ 92.00
J-LACLAC102DX003M	LC/APC - LC/APC Singlemode Duplex Patch Cable, 3M	4	\$ 34.50	\$ -	\$ 34.50	\$ 138.00
Part Number	Supporting Materials	Quantity	Material Price	Labor Cost	Unit Price	Ext. Price
SSP100	Firestop putty	11	\$ 35.57	\$ -	\$ 35.57	\$ 391.26
SSS100	STI Fire barrier sealant	11	\$ 20.40	\$ -	\$ 20.40	\$ 224.41
ICCMSJHW44	ICC 2" Batwing J-hook	300	\$ 3.60	\$ -	\$ 3.60	\$ 1,079.85
ICCMSJHW55	ICC 4" Batwing J-hook	200	\$ 5.22	\$ -	\$ 5.22	\$ 1,044.20
1700-1PK-BB40	3M Electric tapes	10	\$ 3.43	\$ -	\$ 3.43	\$ 34.27
30987	3/4" Velcro (75ft)	6	\$ 31.51	\$ -	\$ 31.51	\$ 189.06
PLT3I-C	Panduit Tie wraps (100/bag)	6	\$ 31.19	\$ -	\$ 31.19	\$ 187.13
N/A	Labeling kits	1	\$ 575.00	\$ -	\$ 575.00	\$ 575.00
N/A	Miscellaneous cost	1	\$ 3,162.50	\$ -	\$ 3,162.50	\$ 3,162.50
Part Number	Labor	Quantity	Material Price	Labor Cost	Unit Price	Ext. Price
N/A	Labor for completing the stated Scope of Work	514	\$ -	\$ 80.00	\$ 80.00	\$ 41,120.00
N/A	Project Management and Handling Charges	24	\$ -	\$ 80.00	\$ 80.00	\$ 1,920.00

Total: Equipment \$ 65,820.46

Total: Labor \$ 43,040.00

Grand Total \$ 108,860.46

Eagleview Elementary School

Equipment and Labor

Part Number	Materials	Quantity	Material Price	Labor Cost	Unit Price	Ext. Price
UN874035104/10	Commscope Category 6A U/UTP Cable, plenum, blue jacket (per ft)	60000	\$ 0.67	\$ -	\$ 0.67	\$ 40,020.00
760241141	Commscope Cat 6A unshielded jack (blue)	263	\$ 9.90	\$ -	\$ 9.90	\$ 2,604.09
M12L-262	Commscope 2-port faceplate (white)	263	\$ 2.30	\$ -	\$ 2.30	\$ 604.90
107067928	Commscope blanks (white)	263	\$ 0.52	\$ -	\$ 0.52	\$ 136.10
Part Number	IDF/MDF room Buildout	Quantity	Material Price	Labor Cost	Unit Price	Ext. Price
760162818	Commscope 48-port Cat 6A flat patch panel, 2RU (black)	10	\$ 471.50	\$ -	\$ 471.50	\$ 4,715.00
SRB19BLY	Panduit strain relief bar	10	\$ 24.30	\$ -	\$ 24.30	\$ 243.00
UC1AAA2-09F01	Cat 6A patch cord, 1 ft	263	\$ 5.18	\$ -	\$ 5.18	\$ 1,361.03
UC1AAA2-09F010	Cat 6A patch cord, 10 ft	263	\$ 17.25	\$ -	\$ 17.25	\$ 4,536.75
Part Number	Backbone Cabling	Quantity	Material Price	Labor Cost	Unit Price	Ext. Price
012E8P-31131-29	Corning 12-strand tight buffered singlemode (OS2) indoor/outdoor plenum rated fiber	0	\$ 1.30	\$ -	\$ 1.30	\$ -
CCH-CP12-A9	Corning 12F (OS2) duplex LC adapter panel	0	\$ 132.25	\$ -	\$ 132.25	\$ -
95-200-99	Corning (OS2) LC Connectors	0	\$ 20.64	\$ -	\$ 20.64	\$ -
CCH-01U	Corning 1U fiber enclosure	0	\$ 312.89	\$ -	\$ 312.89	\$ -
J-LACLAC102DX001M	LC/APC - LC/APC Singlemode Duplex Patch Cable, 1M	0	\$ 23.00	\$ -	\$ 23.00	\$ -
J-LACLAC102DX003M	LC/APC - LC/APC Singlemode Duplex Patch Cable, 3M	0	\$ 34.50	\$ -	\$ 34.50	\$ -
Part Number	Supporting Materials	Quantity	Material Price	Labor Cost	Unit Price	Ext. Price
SSP100	Firestop putty	11	\$ 35.57	\$ -	\$ 35.57	\$ 391.26
SSS100	STI Fire barrier sealant	11	\$ 20.40	\$ -	\$ 20.40	\$ 224.41
ICCMSJHW44	ICC 2" Batwing J-hook	300	\$ 3.60	\$ -	\$ 3.60	\$ 1,079.85
ICCMSJHW55	ICC 4" Batwing J-hook	200	\$ 5.22	\$ -	\$ 5.22	\$ 1,044.20
1700-1PK-BB40	3M Electric tapes	10	\$ 3.43	\$ -	\$ 3.43	\$ 34.27
30987	3/4" Velcro (75ft)	6	\$ 31.51	\$ -	\$ 31.51	\$ 189.06

PLT3I-C	Panduit Tie wraps (100/bag)	6	\$ 31.19	\$ -	\$ 31.19	\$ 187.13
N/A	Labeling kits	1	\$ 575.00	\$ -	\$ 575.00	\$ 575.00
N/A	Miscellaneous cost	1	\$ 3,162.50	\$ -	\$ 3,162.50	\$ 3,162.50
Part Number	Labor	Quantity	Material Price	Labor Cost	Unit Price	Ext.Price
N/A	Labor for completing the stated Scope of Work	464	\$ -	\$ 80.00	\$ 80.00	\$ 37,120.00
N/A	Project Management and Handling Charges	24	\$ -	\$ 80.00	\$ 80.00	\$ 1,920.00

Total: Equipment \$ 61,108.55

Total: Labor \$ 39,040.00

Grand Total \$ 100,148.55

Glacier Peak Elementary School
Equipment and Labor

Part Number	Materials	Quantity	Material Price	Labor Cost	Unit Price	Ext.Price
UN874035104/10	Commscope Category 6A U/UTP Cable, plenum, blue jacket (per ft)	44000	\$ 0.67	\$ -	\$ 0.67	\$ 29,348.00
760241141	Commscope Cat 6A unshielded jack (blue)	195	\$ 9.90	\$ -	\$ 9.90	\$ 1,930.79
M12L-262	Commscope 2-port faceplate (white)	195	\$ 2.30	\$ -	\$ 2.30	\$ 448.50
107067928	Commscope blanks (white)	195	\$ 0.52	\$ -	\$ 0.52	\$ 100.91
Part Number	IDF/MDF room Buildout	Quantity	Material Price	Labor Cost	Unit Price	Ext.Price
760162818	Commscope 48-port Cat 6A flat patch panel, 2RU (black)	9	\$ 471.50	\$ -	\$ 471.50	\$ 4,243.50
SRB19BLY	Panduit strain relief bar	9	\$ 24.30	\$ -	\$ 24.30	\$ 218.70
UC1AAA2-09F01	Cat 6A patch cord, 1 ft	195	\$ 5.18	\$ -	\$ 5.18	\$ 1,009.13
UC1AAA2-09F010	Cat 6A patch cord, 10 ft	195	\$ 17.25	\$ -	\$ 17.25	\$ 3,363.75
Part Number	Backbone Cabling	Quantity	Material Price	Labor Cost	Unit Price	Ext.Price
012E8P-31131-29	Corning 12-strand tight buffered singlemode (OS2) indoor/outdoor plenum rated fiber optic cable (per ft)	1100	\$ 1.30	\$ -	\$ 1.30	\$ 1,429.45
CCH-CP12-A9	Corning 12F (OS2) duplex LC adapter panel	4	\$ 132.25	\$ -	\$ 132.25	\$ 529.00
95-200-99	Corning (OS2) LC Connectors	48	\$ 20.64	\$ -	\$ 20.64	\$ 990.84
CCH-01U	Corning 1U fiber enclosure	4	\$ 312.89	\$ -	\$ 312.89	\$ 1,251.57
J-LACLAC102DX001M	LC/APC - LC/APC Singlemode Duplex Patch Cable, 1M	8	\$ 23.00	\$ -	\$ 23.00	\$ 184.00
J-LACLAC102DX003M	LC/APC - LC/APC Singlemode Duplex Patch Cable, 3M	8	\$ 34.50	\$ -	\$ 34.50	\$ 276.00
Part Number	Supporting Materials	Quantity	Material Price	Labor Cost	Unit Price	Ext.Price
SSP100	Firestop putty	8	\$ 35.57	\$ -	\$ 35.57	\$ 284.56
SSS100	STI Fire barrier sealant	8	\$ 20.40	\$ -	\$ 20.40	\$ 163.21
ICCMSJHW44	ICC 2" Batwing J-hook	200	\$ 3.60	\$ -	\$ 3.60	\$ 719.90
ICCMSJHW55	ICC 4" Batwing J-hook	125	\$ 5.22	\$ -	\$ 5.22	\$ 652.63
1700-1PK-BB40	3M Electric tapes	10	\$ 3.43	\$ -	\$ 3.43	\$ 34.27
30987	3/4" Velcro (75ft)	6	\$ 31.51	\$ -	\$ 31.51	\$ 189.06
PLT3I-C	Panduit Tie wraps (100/bag)	6	\$ 31.19	\$ -	\$ 31.19	\$ 187.13
N/A	Labeling kits	1	\$ 402.50	\$ -	\$ 402.50	\$ 402.50
N/A	Miscellaneous cost	1	\$ 2,300.00	\$ -	\$ 2,300.00	\$ 2,300.00
Part Number	Labor	Quantity	Material Price	Labor Cost	Unit Price	Ext.Price
N/A	Labor for completing the stated Scope of Work	376	\$ -	\$ 80.00	\$ 80.00	\$ 30,080.00
N/A	Project Management and Handling Charges	16	\$ -	\$ 80.00	\$ 80.00	\$ 1,280.00

Total: Equipment \$ 50,257.38

Total: Labor \$ 31,360.00

\$ 81,617.38

Prairie Hills Elementary School
Equipment and Labor

Part Number	Materials	Quantity	Material Price	Labor Cost	Unit Price	Ext.Price
UN874035104/10	Commscope Category 6A U/UTP Cable, plenum, blue jacket (per ft)	59000	\$ 0.67	\$ -	\$ 0.67	\$ 39,353.00
760241141	Commscope Cat 6A unshielded jack (blue)	262	\$ 9.90	\$ -	\$ 9.90	\$ 2,594.19
M12L-262	Commscope 2-port faceplate (white)	262	\$ 2.30	\$ -	\$ 2.30	\$ 602.60
107067928	Commscope blanks (white)	262	\$ 0.52	\$ -	\$ 0.52	\$ 135.59
Part Number	IDF/MDF room Buildout	Quantity	Material Price	Labor Cost	Unit Price	Ext.Price
760162818	Commscope 48-port Cat 6A flat patch panel, 2RU (black)	8	\$ 471.50	\$ -	\$ 471.50	\$ 3,772.00
SRB19BLY	Panduit strain relief bar	8	\$ 24.30	\$ -	\$ 24.30	\$ 194.40
UC1AAA2-09F01	Cat 6A patch cord, 1 ft	262	\$ 5.18	\$ -	\$ 5.18	\$ 1,355.85
UC1AAA2-09F010	Cat 6A patch cord, 10 ft	262	\$ 17.25	\$ -	\$ 17.25	\$ 4,519.50
Part Number	Backbone Cabling	Quantity	Material Price	Labor Cost	Unit Price	Ext.Price
012E8P-31131-29	Corning 12-strand tight buffered singlemode (OS2) indoor/outdoor plenum rated fiber optic cable (per ft)	0	\$ 1.30	\$ -	\$ 1.30	\$ -
CCH-CP12-A9	Corning 12F (OS2) duplex LC adapter panel	0	\$ 132.25	\$ -	\$ 132.25	\$ -
95-200-99	Corning (OS2) LC Connectors	0	\$ 20.64	\$ -	\$ 20.64	\$ -
CCH-01U	Corning 1U fiber enclosure	0	\$ 312.89	\$ -	\$ 312.89	\$ -
J-LACLAC102DX001M	LC/APC - LC/APC Singlemode Duplex Patch Cable, 1M	0	\$ 23.00	\$ -	\$ 23.00	\$ -
J-LACLAC102DX003M	LC/APC - LC/APC Singlemode Duplex Patch Cable, 3M	0	\$ 34.50	\$ -	\$ 34.50	\$ -
Part Number	Supporting Materials	Quantity	Material Price	Labor Cost	Unit Price	Ext.Price
SSP100	Firestop putty	11	\$ 35.57	\$ -	\$ 35.57	\$ 391.26
SSS100	STI Fire barrier sealant	11	\$ 20.40	\$ -	\$ 20.40	\$ 224.41
ICCMSJHW44	ICC 2" Batwing J-hook	300	\$ 3.60	\$ -	\$ 3.60	\$ 1,079.85
ICCMSJHW55	ICC 4" Batwing J-hook	200	\$ 5.22	\$ -	\$ 5.22	\$ 1,044.20
1700-1PK-BB40	3M Electric tapes	10	\$ 3.43	\$ -	\$ 3.43	\$ 34.27
30987	3/4" Velcro (75ft)	6	\$ 31.51	\$ -	\$ 31.51	\$ 189.06
PLT3I-C	Panduit Tie wraps (100/bag)	6	\$ 31.19	\$ -	\$ 31.19	\$ 187.13
N/A	Labeling kits	1	\$ 575.00	\$ -	\$ 575.00	\$ 575.00
N/A	Miscellaneous cost	1	\$ 3,162.50	\$ -	\$ 3,162.50	\$ 3,162.50
Part Number	Labor	Quantity	Material Price	Labor Cost	Unit Price	Ext.Price
N/A	Labor for completing the stated Scope of Work	463	\$ -	\$ 80.00	\$ 80.00	\$ 37,040.00
N/A	Project Management and Handling Charges	24	\$ -	\$ 80.00	\$ 80.00	\$ 1,920.00

Total: Equipment \$ 59,414.81

Total: Labor \$ 38,960.00

\$ 98,374.81

Skyview Elementary School

Equipment and Labor

Part Number	Materials	Quantity	Material Price	Labor Cost	Unit Price	Ext.Price
UN874035104/10	Commscope Category 6A U/UTP Cable, plenum, blue jacket (per ft)	61000	\$ 0.67	\$ -	\$ 0.67	\$ 40,687.00
760241141	Commscope Cat 6A unshielded jack (blue)	268	\$ 9.90	\$ -	\$ 9.90	\$ 2,653.60
M12L-262	Commscope 2-port faceplate (white)	268	\$ 2.30	\$ -	\$ 2.30	\$ 616.40
107067928	Commscope blanks (white)	268	\$ 0.52	\$ -	\$ 0.52	\$ 138.69
Part Number	IDF/MDF room Buildout	Quantity	Material Price	Labor Cost	Unit Price	Ext.Price
760162818	Commscope 48-port Cat 6A flat patch panel, 2RU (black)	7	\$ 471.50	\$ -	\$ 471.50	\$ 3,300.50
SRB19BLY	Panduit strain relief bar	7	\$ 24.30	\$ -	\$ 24.30	\$ 170.10
UC1AAA2-09F01	Cat 6A patch cord, 1 ft	268	\$ 5.18	\$ -	\$ 5.18	\$ 1,386.90
UC1AAA2-09F010	Cat 6A patch cord, 10 ft	268	\$ 17.25	\$ -	\$ 17.25	\$ 4,623.00
Part Number	Backbone Cabling	Quantity	Material Price	Labor Cost	Unit Price	Ext.Price
012E8P-31131-29	Corning 12-strand tight buffered singlemode (OS2) indoor/outdoor plenum rated fiber optic cable (per ft)	0	\$ 1.30	\$ -	\$ 1.30	\$ -
CCH-CP12-A9	Corning 12F (OS2) duplex LC adapter panel	0	\$ 132.25	\$ -	\$ 132.25	\$ -
95-200-99	Corning (OS2) LC Connectors	0	\$ 20.64	\$ -	\$ 20.64	\$ -
CCH-01U	Corning 1U fiber enclosure	0	\$ 312.89	\$ -	\$ 312.89	\$ -
J-LACLAC102DX001M	LC/APC - LC/APC Singlemode Duplex Patch Cable, 1M	0	\$ 23.00	\$ -	\$ 23.00	\$ -
J-LACLAC102DX003M	LC/APC - LC/APC Singlemode Duplex Patch Cable, 3M	0	\$ 34.50	\$ -	\$ 34.50	\$ -
Part Number	Supporting Materials	Quantity	Material Price	Labor Cost	Unit Price	Ext.Price
SSP100	Firestop putty	11	\$ 35.57	\$ -	\$ 35.57	\$ 391.26
SSS100	STI Fire barrier sealant	11	\$ 20.40	\$ -	\$ 20.40	\$ 224.41
ICCMSJHW44	ICC 2" Batwing J-hook	300	\$ 3.60	\$ -	\$ 3.60	\$ 1,079.85
ICCMSJHW55	ICC 4" Batwing J-hook	200	\$ 5.22	\$ -	\$ 5.22	\$ 1,044.20
1700-1PK-BB40	3M Electric tapes	10	\$ 3.43	\$ -	\$ 3.43	\$ 34.27
30987	3/4" Velcro (75ft)	6	\$ 31.51	\$ -	\$ 31.51	\$ 189.06
PLT3I-C	Panduit Tie wraps (100/bag)	6	\$ 31.19	\$ -	\$ 31.19	\$ 187.13
N/A	Labeling kits	1	\$ 575.00	\$ -	\$ 575.00	\$ 575.00
N/A	Miscellaneous cost	1	\$ 3,162.50	\$ -	\$ 3,162.50	\$ 3,162.50
Part Number	Labor	Quantity	Material Price	Labor Cost	Unit Price	Ext.Price
N/A	Labor for completing the stated Scope of Work	472	\$ -	\$ 80.00	\$ 80.00	\$ 37,760.00
N/A	Project Management and Handling Charges	24	\$ -	\$ 80.00	\$ 80.00	\$ 1,920.00

Total: Equipment \$ 60,463.87

Total: Labor \$ 39,680.00

\$ 100,143.87

Tarver Elementary School

Equipment and Labor

Part Number	Materials	Quantity	Material Price	Labor Cost	Unit Price	Ext.Price
UN874035104/10	Commscope Category 6A U/UTP Cable, plenum, blue jacket (per ft)	66000	\$ 0.67	\$ -	\$ 0.67	\$ 44,022.00
760241141	Commscope Cat 6A unshielded jack (blue)	286	\$ 9.90	\$ -	\$ 9.90	\$ 2,831.83
M12L-262	Commscope 2-port faceplate (white)	286	\$ 2.30	\$ -	\$ 2.30	\$ 657.80
107067928	Commscope blanks (white)	286	\$ 0.52	\$ -	\$ 0.52	\$ 148.01
Part Number	IDF/MDF room Buildout	Quantity	Material Price	Labor Cost	Unit Price	Ext.Price
760162818	Commscope 48-port Cat 6A flat patch panel, 2RU (black)	7	\$ 471.50	\$ -	\$ 471.50	\$ 3,300.50
SRB19BLY	Panduit strain relief bar	7	\$ 24.30	\$ -	\$ 24.30	\$ 170.10
UC1AAA2-09F01	Cat 6A patch cord, 1 ft	286	\$ 5.18	\$ -	\$ 5.18	\$ 1,480.05
UC1AAA2-09F010	Cat 6A patch cord, 10 ft	286	\$ 17.25	\$ -	\$ 17.25	\$ 4,933.50
Part Number	Backbone Cabling	Quantity	Material Price	Labor Cost	Unit Price	Ext.Price
012E8P-31131-29	Corning 12-strand tight buffered singlemode (OS2) indoor/outdoor plenum rated fiber optic cable (per ft)	0	\$ 1.30	\$ -	\$ 1.30	\$ -
CCH-CP12-A9	Corning 12F (OS2) duplex LC adapter panel	0	\$ 132.25	\$ -	\$ 132.25	\$ -
95-200-99	Corning (OS2) LC Connectors	0	\$ 20.64	\$ -	\$ 20.64	\$ -
CCH-01U	Corning 1U fiber enclosure	0	\$ 312.89	\$ -	\$ 312.89	\$ -
J-LACLAC102DX001M	LC/APC - LC/APC Singlemode Duplex Patch Cable, 1M	0	\$ 23.00	\$ -	\$ 23.00	\$ -
J-LACLAC102DX003M	LC/APC - LC/APC Singlemode Duplex Patch Cable, 3M	0	\$ 34.50	\$ -	\$ 34.50	\$ -
Part Number	Supporting Materials	Quantity	Material Price	Labor Cost	Unit Price	Ext.Price
SSP100	Firestop putty	11	\$ 35.57	\$ -	\$ 35.57	\$ 391.26
SSS100	STI Fire barrier sealant	11	\$ 20.40	\$ -	\$ 20.40	\$ 224.41
ICCMSJHW44	ICC 2" Batwing J-hook	300	\$ 3.60	\$ -	\$ 3.60	\$ 1,079.85
ICCMSJHW55	ICC 4" Batwing J-hook	200	\$ 5.22	\$ -	\$ 5.22	\$ 1,044.20
1700-1PK-BB40	3M Electric tapes	10	\$ 3.43	\$ -	\$ 3.43	\$ 34.27
30987	3/4" Velcro (75ft)	6	\$ 31.51	\$ -	\$ 31.51	\$ 189.06
PLT3I-C	Panduit Tie wraps (100/bag)	6	\$ 31.19	\$ -	\$ 31.19	\$ 187.13
N/A	Labeling kits	1	\$ 575.00	\$ -	\$ 575.00	\$ 575.00
N/A	Miscellaneous cost	1	\$ 3,277.50	\$ -	\$ 3,277.50	\$ 3,277.50
Part Number	Labor	Quantity	Material Price	Labor Cost	Unit Price	Ext.Price
N/A	Labor for completing the stated Scope of Work	502	\$ -	\$ 80.00	\$ 80.00	\$ 40,160.00
N/A	Project Management and Handling Charges	24	\$ -	\$ 80.00	\$ 80.00	\$ 1,920.00

Total: Equipment \$ 64,546.46

Total: Labor \$ 42,080.00

\$ 106,626.46

Shadow Ridge Middle School

Equipment and Labor

Part Number	Materials	Quantity	Material Price	Labor Cost	Unit Price	Ext.Price
UN874035104/10	Commscope Category 6A U/UTP Cable, plenum, blue jacket (per ft)	157000	\$ 0.67	\$ -	\$ 0.67	\$ 104,719.00
760241141	Commscope Cat 6A unshielded jack (blue)	697	\$ 9.90	\$ -	\$ 9.90	\$ 6,901.35
M12L-262	Commscope 2-port faceplate (white)	697	\$ 2.30	\$ -	\$ 2.30	\$ 1,603.10
107067928	Commscope blanks (white)	697	\$ 0.52	\$ -	\$ 0.52	\$ 360.70
Part Number	IDF/MDF room Buildout	Quantity	Material Price	Labor Cost	Unit Price	Ext.Price
760162818	Commscope 48-port Cat 6A flat patch panel, 2RU (black)	27	\$ 471.50	\$ -	\$ 471.50	\$ 12,730.50
SRB19BLY	Panduit strain relief bar	27	\$ 24.30	\$ -	\$ 24.30	\$ 656.09
UC1AAA2-09F01	Cat 6A patch cord, 1 ft	697	\$ 5.18	\$ -	\$ 5.18	\$ 3,606.98

UC1AAA2-09F010	Cat 6A patch cord, 10 ft	697	\$ 17.25	\$ -	\$ 17.25	\$ 12,023.25
Part Number	Backbone Cabling	Quantity	Material Price	Labor Cost	Unit Price	Ext.Price
012E8P-31131-29	Corning 12-strand tight buffered singlemode (OS2) indoor/outdoor plenum rated fiber optic cable (per ft)	4000	\$ 1.30	\$ -	\$ 1.30	\$ 5,198.00
CCH-CP12-A9	Corning 12F (OS2) duplex LC adapter panel	14	\$ 132.25	\$ -	\$ 132.25	\$ 1,851.50
95-200-99	Corning (OS2) LC Connectors	168	\$ 20.64	\$ -	\$ 20.64	\$ 3,467.94
CCH-01U	Corning 1U fiber enclosure	14	\$ 312.89	\$ -	\$ 312.89	\$ 4,380.49
J-LACLAC102DX001M	LC/APC - LC/APC Singlemode Duplex Patch Cable, 1M	28	\$ 23.00	\$ -	\$ 23.00	\$ 644.00
J-LACLAC102DX003M	LC/APC - LC/APC Singlemode Duplex Patch Cable, 3M	28	\$ 34.50	\$ -	\$ 34.50	\$ 966.00
Part Number	Supporting Materials	Quantity	Material Price	Labor Cost	Unit Price	Ext.Price
SSP100	Firestop putty	22	\$ 35.57	\$ -	\$ 35.57	\$ 782.53
SSS100	STI Fire barrier sealant	22	\$ 20.40	\$ -	\$ 20.40	\$ 448.82
ICCMSJHW44	ICC 2" Batwing J-hook	600	\$ 3.60	\$ -	\$ 3.60	\$ 2,159.70
ICCMSJHW55	ICC 4" Batwing J-hook	400	\$ 5.22	\$ -	\$ 5.22	\$ 2,088.40
1700-1PK-BB40	3M Electric tapes	20	\$ 3.43	\$ -	\$ 3.43	\$ 68.54
30987	3/4" Velcro (75ft)	12	\$ 31.51	\$ -	\$ 31.51	\$ 378.12
PLT3I-C	Panduit Tie wraps (100/bag)	12	\$ 31.19	\$ -	\$ 31.19	\$ 374.26
N/A	Labeling kits	1	\$ 1,150.00	\$ -	\$ 1,150.00	\$ 1,150.00
N/A	Miscellaneous cost	1	\$ 8,050.00	\$ -	\$ 8,050.00	\$ 8,050.00
Part Number	Labor	Quantity	Material Price	Labor Cost	Unit Price	Ext.Price
N/A	Labor for completing the stated Scope of Work	1216	\$ -	\$ 80.00	\$ 80.00	\$ 97,280.00
N/A	Project Management and Handling Charges	64	\$ -	\$ 80.00	\$ 80.00	\$ 5,120.00

Total: Equipment \$ 174,609.25

Total: Labor \$ 102,400.00

\$ 277,009.25

Silver Hills Middle School
Equipment and Labor

Part Number	Materials	Quantity	Material Price	Labor Cost	Unit Price	Ext.Price
UN874035104/10	Commscope Category 6A U/UTP Cable, plenum, blue jacket (per ft)	172000	\$ 0.67	\$ -	\$ 0.67	\$ 114,724.00
760241141	Commscope Cat 6A unshielded jack (blue)	767	\$ 9.90	\$ -	\$ 9.90	\$ 7,594.45
M12L-262	Commscope 2-port faceplate (white)	767	\$ 2.30	\$ -	\$ 2.30	\$ 1,764.10
107067928	Commscope blanks (white)	767	\$ 0.52	\$ -	\$ 0.52	\$ 396.92
Part Number	IDF/MDF room Buildout	Quantity	Material Price	Labor Cost	Unit Price	Ext.Price
760162818	Commscope 48-port Cat 6A flat patch panel, 2RU (black)	26	\$ 471.50	\$ -	\$ 471.50	\$ 12,259.00
SRB19BLY	Panduit strain relief bar	26	\$ 24.30	\$ -	\$ 24.30	\$ 631.79
UC1AAA2-09F01	Cat 6A patch cord, 1 ft	767	\$ 5.18	\$ -	\$ 5.18	\$ 3,969.23
UC1AAA2-09F010	Cat 6A patch cord, 10 ft	767	\$ 17.25	\$ -	\$ 17.25	\$ 13,230.75
Part Number	Backbone Cabling	Quantity	Material Price	Labor Cost	Unit Price	Ext.Price
012E8P-31131-29	Corning 12-strand tight buffered singlemode (OS2) indoor/outdoor plenum rated fiber optic cable (per ft)	1400	\$ 1.30	\$ -	\$ 1.30	\$ 1,819.30
CCH-CP12-A9	Corning 12F (OS2) duplex LC adapter panel	2	\$ 132.25	\$ -	\$ 132.25	\$ 264.50
95-200-99	Corning (OS2) LC Connectors	48	\$ 20.64	\$ -	\$ 20.64	\$ 990.84
CCH-01U	Corning 1U fiber enclosure	2	\$ 312.89	\$ -	\$ 312.89	\$ 625.78
J-LACLAC102DX001M	LC/APC - LC/APC Singlemode Duplex Patch Cable, 1M	8	\$ 23.00	\$ -	\$ 23.00	\$ 184.00
J-LACLAC102DX003M	LC/APC - LC/APC Singlemode Duplex Patch Cable, 3M	8	\$ 34.50	\$ -	\$ 34.50	\$ 276.00
Part Number	Supporting Materials	Quantity	Material Price	Labor Cost	Unit Price	Ext.Price
SSP100	Firestop putty	25	\$ 35.57	\$ -	\$ 35.57	\$ 889.24
SSS100	STI Fire barrier sealant	25	\$ 20.40	\$ -	\$ 20.40	\$ 510.03
ICCMSJHW44	ICC 2" Batwing J-hook	800	\$ 3.60	\$ -	\$ 3.60	\$ 2,879.60
ICCMSJHW55	ICC 4" Batwing J-hook	500	\$ 5.22	\$ -	\$ 5.22	\$ 2,610.50
1700-1PK-BB40	3M Electric tapes	30	\$ 3.43	\$ -	\$ 3.43	\$ 102.81
30987	3/4" Velcro (75ft)	15	\$ 31.51	\$ -	\$ 31.51	\$ 472.65
PLT3I-C	Panduit Tie wraps (100/bag)	15	\$ 31.19	\$ -	\$ 31.19	\$ 467.82
N/A	Labeling kits	1	\$ 1,150.00	\$ -	\$ 1,150.00	\$ 1,150.00
N/A	Miscellaneous cost	1	\$ 9,200.00	\$ -	\$ 9,200.00	\$ 9,200.00
Part Number	Labor	Quantity	Material Price	Labor Cost	Unit Price	Ext.Price
N/A	Labor for completing the stated Scope of Work	1414	\$ -	\$ 80.00	\$ 80.00	\$ 113,120.00
N/A	Project Management and Handling Charges	80	\$ -	\$ 80.00	\$ 80.00	\$ 6,400.00

Total: Equipment \$ 177,013.30

Total: Labor \$ 119,520.00

\$ 296,533.30

Horizon High School
Equipment and Labor

Part Number	Materials	Quantity	Material Price	Labor Cost	Unit Price	Ext.Price
UN874035104/10	Commscope Category 6A U/UTP Cable, plenum, blue jacket (per ft)	220000	\$ 0.67	\$ -	\$ 0.67	\$ 146,740.00
760241141	Commscope Cat 6A unshielded jack (blue)	1011	\$ 9.90	\$ -	\$ 9.90	\$ 10,010.42
M12L-262	Commscope 2-port faceplate (white)	1011	\$ 2.30	\$ -	\$ 2.30	\$ 2,325.30
107067928	Commscope blanks (white)	1011	\$ 0.52	\$ -	\$ 0.52	\$ 523.19
Part Number	IDF/MDF room Buildout	Quantity	Material Price	Labor Cost	Unit Price	Ext.Price
760162818	Commscope 48-port Cat 6A flat patch panel, 2RU (black)	43	\$ 471.50	\$ -	\$ 471.50	\$ 20,274.50
SRB19BLY	Panduit strain relief bar	43	\$ 24.30	\$ -	\$ 24.30	\$ 1,044.88
UC1AAA2-09F01	Cat 6A patch cord, 1 ft	1011	\$ 5.18	\$ -	\$ 5.18	\$ 5,231.93
UC1AAA2-09F010	Cat 6A patch cord, 10 ft	1011	\$ 17.25	\$ -	\$ 17.25	\$ 17,439.75
Part Number	Backbone Cabling	Quantity	Material Price	Labor Cost	Unit Price	Ext.Price
012E8P-31131-29	Corning 12-strand tight buffered singlemode (OS2) indoor/outdoor plenum rated fiber optic cable (per ft)	4000	\$ 1.30	\$ -	\$ 1.30	\$ 5,198.00
CCH-CP12-A9	Corning 12F (OS2) duplex LC adapter panel	12	\$ 132.25	\$ -	\$ 132.25	\$ 1,587.00
95-200-99	Corning (OS2) LC Connectors	144	\$ 20.64	\$ -	\$ 20.64	\$ 2,972.52
CCH-01U	Corning 1U fiber enclosure	12	\$ 312.89	\$ -	\$ 312.89	\$ 3,754.70
J-LACLAC102DX001M	LC/APC - LC/APC Singlemode Duplex Patch Cable, 1M	24	\$ 23.00	\$ -	\$ 23.00	\$ 552.00
J-LACLAC102DX003M	LC/APC - LC/APC Singlemode Duplex Patch Cable, 3M	24	\$ 34.50	\$ -	\$ 34.50	\$ 828.00
Part Number	Supporting Materials	Quantity	Material Price	Labor Cost	Unit Price	Ext.Price
SSP100	Firestop putty	30	\$ 35.57	\$ -	\$ 35.57	\$ 1,067.09
SSS100	STI Fire barrier sealant	30	\$ 20.40	\$ -	\$ 20.40	\$ 612.03
ICCMSJHW44	ICC 2" Batwing J-hook	1000	\$ 3.60	\$ -	\$ 3.60	\$ 3,599.50

ICCMSJHW55	ICC 4" Batwing J-hook	600	\$ 5.22	\$ -	\$ 5.22	\$ 3,132.60
1700-1PK-BB40	3M Electric tapes	45	\$ 3.43	\$ -	\$ 3.43	\$ 154.22
30987	3/4" Velcro (75ft)	25	\$ 31.51	\$ -	\$ 31.51	\$ 787.75
PLT3I-C	Panduit Tie wraps (100/bag)	30	\$ 31.19	\$ -	\$ 31.19	\$ 935.64
N/A	Labeling kits	1	\$ 1,725.00	\$ -	\$ 1,725.00	\$ 1,725.00
N/A	Miscellaneous cost	1	\$ 11,500.00	\$ -	\$ 11,500.00	\$ 11,500.00
Part Number	Labor	Quantity	Material Price	Labor Cost	Unit Price	Ext.Price
N/A	Labor for completing the stated Scope of Work	1864	\$ -	\$ 80.00	\$ 80.00	\$ 149,120.00
N/A	Project Management and Handling Charges	112	\$ -	\$ 80.00	\$ 80.00	\$ 8,960.00

Total: Equipment \$ 241,996.01

Total: Labor \$ 158,080.00

\$ 400,076.01

Mountain Range High School

Equipment and Labor

Part Number	Materials	Quantity	Material Price	Labor Cost	Unit Price	Ext.Price
UN874035104/10	Commscope Category 6A U/UTP Cable, plenum, blue jacket (per ft)	216000	\$ 0.67	\$ -	\$ 0.67	\$ 144,072.00
760241141	Commscope Cat 6A unshielded jack (blue)	987	\$ 9.90	\$ -	\$ 9.90	\$ 9,772.78
M12L-262	Commscope 2-port faceplate (white)	987	\$ 2.30	\$ -	\$ 2.30	\$ 2,270.10
107067928	Commscope blanks (white)	987	\$ 0.52	\$ -	\$ 0.52	\$ 510.77
Part Number	IDF/MDF room Buildout	Quantity	Material Price	Labor Cost	Unit Price	Ext.Price
760162818	Commscope 48-port Cat 6A flat patch panel, 2RU (black)	38	\$ 471.50	\$ -	\$ 471.50	\$ 17,917.00
SRB19BLY	Panduit strain relief bar	38	\$ 24.30	\$ -	\$ 24.30	\$ 923.38
UC1AAA2-09F01	Cat 6A patch cord, 1 ft	987	\$ 5.18	\$ -	\$ 5.18	\$ 5,107.73
UC1AAA2-09F010	Cat 6A patch cord, 10 ft	987	\$ 17.25	\$ -	\$ 17.25	\$ 17,025.75
Part Number	Backbone Cabling	Quantity	Material Price	Labor Cost	Unit Price	Ext.Price
012E8P-31131-29	Corning 12-strand tight buffered singlemode (OS2) indoor/outdoor plenum rated fiber optic cable (per ft)	2550	\$ 1.30	\$ -	\$ 1.30	\$ 3,313.73
CCH-CP12-A9	Corning 12F (OS2) duplex LC adapter panel	8	\$ 132.25	\$ -	\$ 132.25	\$ 1,058.00
95-200-99	Corning (OS2) LC Connectors	96	\$ 20.64	\$ -	\$ 20.64	\$ 1,981.68
CCH-01U	Corning 1U fiber enclosure	8	\$ 312.89	\$ -	\$ 312.89	\$ 2,503.14
J-LACLAC102DX001M	LC/APC - LC/APC Singlemode Duplex Patch Cable, 1M	32	\$ 23.00	\$ -	\$ 23.00	\$ 736.00
J-LACLAC102DX003M	LC/APC - LC/APC Singlemode Duplex Patch Cable, 3M	32	\$ 34.50	\$ -	\$ 34.50	\$ 1,104.00
Part Number	Supporting Materials	Quantity	Material Price	Labor Cost	Unit Price	Ext.Price
SSP100	Firestop putty	30	\$ 35.57	\$ -	\$ 35.57	\$ 1,067.09
SSS100	STI Fire barrier sealant	30	\$ 20.40	\$ -	\$ 20.40	\$ 612.03
ICCMSJHW44	ICC 2" Batwing J-hook	1000	\$ 3.60	\$ -	\$ 3.60	\$ 3,599.50
ICCMSJHW55	ICC 4" Batwing J-hook	600	\$ 5.22	\$ -	\$ 5.22	\$ 3,132.60
1700-1PK-BB40	3M Electric tapes	45	\$ 3.43	\$ -	\$ 3.43	\$ 154.22
30987	3/4" Velcro (75ft)	25	\$ 31.51	\$ -	\$ 31.51	\$ 787.75
PLT3I-C	Panduit Tie wraps (100/bag)	30	\$ 31.19	\$ -	\$ 31.19	\$ 935.64
N/A	Labeling kits	1	\$ 1,725.00	\$ -	\$ 1,725.00	\$ 1,725.00
N/A	Miscellaneous cost	1	\$ 10,350.00	\$ -	\$ 10,350.00	\$ 10,350.00
Part Number	Labor	Quantity	Material Price	Labor Cost	Unit Price	Ext.Price
N/A	Labor for completing the stated Scope of Work	1764	\$ -	\$ 80.00	\$ 80.00	\$ 141,120.00
N/A	Project Management and Handling Charges	96	\$ -	\$ 80.00	\$ 80.00	\$ 7,680.00

Total: Equipment \$ 230,659.87

Total: Labor \$ 148,800.00

\$ 379,459.87

Hunters Glen Elementary School

Equipment and Labor

Part Number	Materials	Quantity	Material Price	Labor Cost	Unit Price	Ext.Price
UN874035104/10	Commscope Category 6A U/UTP Cable, plenum, blue jacket (per ft)	67000	\$ 0.67	\$ -	\$ 0.67	\$ 44,689.00
760241141	Commscope Cat 6A unshielded jack (blue)	296	\$ 9.90	\$ -	\$ 9.90	\$ 2,930.84
M12L-262	Commscope 2-port faceplate (white)	296	\$ 2.30	\$ -	\$ 2.30	\$ 680.80
107067928	Commscope blanks (white)	296	\$ 0.52	\$ -	\$ 0.52	\$ 153.18
Part Number	IDF/MDF room Buildout	Quantity	Material Price	Labor Cost	Unit Price	Ext.Price
760162818	Commscope 48-port Cat 6A flat patch panel, 2RU (black)	9	\$ 471.50	\$ -	\$ 471.50	\$ 4,243.50
SRB19BLY	Panduit strain relief bar	9	\$ 24.30	\$ -	\$ 24.30	\$ 218.70
UC1AAA2-09F01	Cat 6A patch cord, 1 ft	296	\$ 5.18	\$ -	\$ 5.18	\$ 1,531.80
UC1AAA2-09F010	Cat 6A patch cord, 10 ft	296	\$ 17.25	\$ -	\$ 17.25	\$ 5,106.00
Part Number	Backbone Cabling	Quantity	Material Price	Labor Cost	Unit Price	Ext.Price
012E8P-31131-29	Corning 12-strand tight buffered singlemode (OS2) indoor/outdoor plenum rated fiber optic cable (per ft)	750	\$ 1.30	\$ -	\$ 1.30	\$ 974.63
CCH-CP12-A9	Corning 12F (OS2) duplex LC adapter panel	2	\$ 132.25	\$ -	\$ 132.25	\$ 264.50
95-200-99	Corning (OS2) LC Connectors	24	\$ 20.64	\$ -	\$ 20.64	\$ 495.42
CCH-01U	Corning 1U fiber enclosure	2	\$ 312.89	\$ -	\$ 312.89	\$ 625.78
J-LACLAC102DX001M	LC/APC - LC/APC Singlemode Duplex Patch Cable, 1M	4	\$ 23.00	\$ -	\$ 23.00	\$ 92.00
J-LACLAC102DX003M	LC/APC - LC/APC Singlemode Duplex Patch Cable, 3M	4	\$ 34.50	\$ -	\$ 34.50	\$ 138.00
Part Number	Supporting Materials	Quantity	Material Price	Labor Cost	Unit Price	Ext.Price
SSP100	Firestop putty	11	\$ 35.57	\$ -	\$ 35.57	\$ 391.26
SSS100	STI Fire barrier sealant	11	\$ 20.40	\$ -	\$ 20.40	\$ 224.41
ICCMSJHW44	ICC 2" Batwing J-hook	300	\$ 3.60	\$ -	\$ 3.60	\$ 1,079.85
ICCMSJHW55	ICC 4" Batwing J-hook	200	\$ 5.22	\$ -	\$ 5.22	\$ 1,044.20
1700-1PK-BB40	3M Electric tapes	10	\$ 3.43	\$ -	\$ 3.43	\$ 34.27
30987	3/4" Velcro (75ft)	6	\$ 31.51	\$ -	\$ 31.51	\$ 189.06
PLT3I-C	Panduit Tie wraps (100/bag)	6	\$ 31.19	\$ -	\$ 31.19	\$ 187.13
N/A	Labeling kits	1	\$ 575.00	\$ -	\$ 575.00	\$ 575.00
N/A	Miscellaneous cost	1	\$ 3,162.50	\$ -	\$ 3,162.50	\$ 3,162.50
Part Number	Labor	Quantity	Material Price	Labor Cost	Unit Price	Ext.Price
N/A	Labor for completing the stated Scope of Work	552	\$ -	\$ 80.00	\$ 80.00	\$ 44,160.00
N/A	Project Management and Handling Charges	24	\$ -	\$ 80.00	\$ 80.00	\$ 1,920.00

Total: Equipment \$ 69,031.83

Total: Labor \$ 46,080.00

\$ 115,111.83

Century Middle School
Equipment and Labor

Part Number	Materials	Quantity	Material Price	Labor Cost	Unit Price	Ext.Price
UN874035104/10	Commscope Category 6A U/UTP Cable, plenum, blue jacket (per ft)	140000	\$ 0.67	\$ -	\$ 0.67	\$ 93,380.00
760241141	Commscope Cat 6A unshielded jack (blue)	623	\$ 9.90	\$ -	\$ 9.90	\$ 6,168.63
M12L-262	Commscope 2-port faceplate (white)	623	\$ 2.30	\$ -	\$ 2.30	\$ 1,432.90
107067928	Commscope blanks (white)	623	\$ 0.52	\$ -	\$ 0.52	\$ 322.40
Part Number	IDF/MDF room Buildout	Quantity	Material Price	Labor Cost	Unit Price	Ext.Price
760162818	Commscope 48-port Cat 6A flat patch panel, 2RU (black)	23	\$ 471.50	\$ -	\$ 471.50	\$ 10,844.50
SRB19BLY	Panduit strain relief bar	23	\$ 24.30	\$ -	\$ 24.30	\$ 558.89
UC1AAA2-09F01	Cat 6A patch cord, 1 ft	623	\$ 5.18	\$ -	\$ 5.18	\$ 3,224.03
UC1AAA2-09F010	Cat 6A patch cord, 10 ft	623	\$ 17.25	\$ -	\$ 17.25	\$ 10,746.75
Part Number	Backbone Cabling	Quantity	Material Price	Labor Cost	Unit Price	Ext.Price
012E8P-31131-29	Corning 12-strand tight buffered singlemode (OS2) indoor/outdoor plenum rated fiber	950	\$ 1.30	\$ -	\$ 1.30	\$ 1,234.53
CCH-CP12-A9	Corning 12F (OS2) duplex LC adapter panel	3	\$ 132.25	\$ -	\$ 132.25	\$ 396.75
95-200-99	Corning (OS2) LC Connectors	36	\$ 20.64	\$ -	\$ 20.64	\$ 743.13
CCH-01U	Corning 1U fiber enclosure	3	\$ 312.89	\$ -	\$ 312.89	\$ 938.68
J-LACLAC102DX001M	LC/APC - LC/APC Singlemode Duplex Patch Cable, 1M	6	\$ 23.00	\$ -	\$ 23.00	\$ 138.00
J-LACLAC102DX003M	LC/APC - LC/APC Singlemode Duplex Patch Cable, 3M	6	\$ 34.50	\$ -	\$ 34.50	\$ 207.00
Part Number	Supporting Materials	Quantity	Material Price	Labor Cost	Unit Price	Ext.Price
SSP100	Firestop putty	22	\$ 35.57	\$ -	\$ 35.57	\$ 782.53
SSS100	STI Fire barrier sealant	22	\$ 20.40	\$ -	\$ 20.40	\$ 448.82
ICCMSJIHW44	ICC 2" Batwing J-hook	500	\$ 3.60	\$ -	\$ 3.60	\$ 1,799.75
ICCMSJIHW55	ICC 4" Batwing J-hook	300	\$ 5.22	\$ -	\$ 5.22	\$ 1,566.30
1700-1PK-BB40	3M Electric tapes	15	\$ 3.43	\$ -	\$ 3.43	\$ 51.41
30987	3/4" Velcro (75ft)	10	\$ 31.51	\$ -	\$ 31.51	\$ 315.10
PLT3I-C	Panduit Tie wraps (100/bag)	10	\$ 31.19	\$ -	\$ 31.19	\$ 311.88
N/A	Labeling kits	1	\$ 1,150.00	\$ -	\$ 1,150.00	\$ 1,150.00
N/A	Miscellaneous cost	1	\$ 7,475.00	\$ -	\$ 7,475.00	\$ 7,475.00
Part Number	Labor	Quantity	Material Price	Labor Cost	Unit Price	Ext.Price
N/A	Labor for completing the stated Scope of Work	1164	\$ -	\$ 80.00	\$ 80.00	\$ 93,120.00
N/A	Project Management and Handling Charges	96	\$ -	\$ 80.00	\$ 80.00	\$ 7,680.00

Total: Equipment \$ 144,236.97

Total: Labor \$ 100,800.00

\$ 245,036.97