

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 2.5% additional charge from the value of the proposal"

BASE BID

School Name	Each School Total	
Beechview Elementary School	\$	30,716.97
Forest Elementary School	\$	31,709.64
Gill Elementary School	\$	39,770.46
Hillside Elementary School	\$	44,008.34
Kenbrook Elementary School	\$	38,237.55
Lanigan Elementary School	\$	42,482.05
Longacre Elementary School	\$	23,767.38
Woodcreek Elementary School	\$	26,867.04
Steam Academy Elementary School	\$	41,491.48
Farmington Central Highschool	\$	31,493.93
Facilities	\$	18,208.40
Transportation	\$	11,165.96

Grand Total	\$	379,919.20
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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.**

Beechview Elementary

Equipment and Labor

Part Number	Materials	Quantity	Material Price	Labor Cost	Unit Price	Ext. Price
7131800	Panduit Cat 6 U/UTP 4-pair plenum cable (blue) (per ft)	10000	\$ 0.43	\$ -	0.43	\$ 4,320.00
NK6TMBU	Panduit Mini-com Cat 6 unshielded jack (blue)	98	\$ 9.96	\$ -	9.96	\$ 976.08
CFPL2WHY	Panduit Mini-com 2-port faceplate (white)	49	\$ 3.35	\$ -	3.35	\$ 164.05
CMBWH-X	Panduit Mini-com blanks (white)	49	\$ 0.46	\$ -	0.46	\$ 22.34
WM-2000	Wiremold V 2000 Drop Down Package	3	\$ 180.00	\$ -	180.00	\$ 540.00
Part Number	IDF/MDF room Buildout	Quantity	Material Price	Labor Cost	Unit Price	Ext. Price
CP48BLY	Panduit Mini-com 48-port unshielded modular flat patch panel, 2RU (black)	3	\$ 123.16	\$ -	123.16	\$ 369.47
WMP1E	Panduit PatchLink 2U horizontal cable manager (dual-sided) (black)	3	\$ 99.76	\$ -	99.76	\$ 299.27
SRB19BLY	Panduit strain relief bar	3	\$ 25.36	\$ -	25.36	\$ 76.07
10506-706	Chatsworth elevation kit for rack	2	\$ 60.40	\$ -	60.40	\$ 120.79
10595-712	Chatsworth rack to runway mounting plate	2	\$ 56.38	\$ -	56.38	\$ 112.75
10250-712	Chatsworth 12" W ladder rack	2	\$ 162.23	\$ -	162.23	\$ 324.46
12100-712	Chatsworth 12" W radius drop	2	\$ 46.84	\$ -	46.84	\$ 93.67
11421-712	Chatsworth 12" W wall angle kit	6	\$ 37.46	\$ -	37.46	\$ 224.78
11302-701	Chatsworth Junction splice kit	2	\$ 15.77	\$ -	15.77	\$ 31.54
10642-001	Chatsworth end cap	6	\$ 10.91	\$ -	10.91	\$ 65.45
PC6SL01-BLUE	Cat 6 patch cord, 1 ft (blue)	49	\$ 3.00	\$ -	3.00	\$ 147.00
PC6SL06-BLUE	Cat 6 patch cord, 6 ft (blue)	49	\$ 4.20	\$ -	4.20	\$ 205.80
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)	500	\$ 1.36	\$ -	1.36	\$ 678.00
CCH-CP12-D9	Corning 12F (OS2) duplex SC adapter panel	2	\$ 141.60	\$ -	141.60	\$ 283.20
95-200-41	Corning (OS2) SC Connectors	24	\$ 18.82	\$ -	18.82	\$ 451.58
CCH-01U	Corning 1U fiber enclosure	2	\$ 326.50	\$ -	326.50	\$ 652.99
E187202GNZ16002M	Corning OS2 SC-SC duplex patch cord, 2M	6	\$ 27.35	\$ -	27.35	\$ 164.09
Part Number	Grounding kit	Quantity	Material Price	Labor Cost	Unit Price	Ext. Price
6G-0601-04	#6 AWG green insulated grounding wire	100	\$ 1.07	\$ -	1.07	\$ 106.80
40162-901	Chatsworth .625" hole spacing two hole compression lug	12	\$ 11.80	\$ -	11.80	\$ 141.55
40162-903	Chatsworth 1" hole spacing two hole compression lug	6	\$ 13.30	\$ -	13.30	\$ 79.78
10610-019	Chatsworth horizontal rack mount ground bar kit	1	\$ 95.65	\$ -	95.65	\$ 95.65
40166-801	Chatsworth Antioxidant Joint Compound (gray)	1	\$ 25.25	\$ -	25.25	\$ 25.25
CNB4K	Panduit bonding cage nut and bonding screw (kit includes (4) 12-24 bonding cage nut and (4) 12-24 bonding screws) (green)	3	\$ 18.85	\$ -	18.85	\$ 56.56
Part Number	Supporting Materials	Quantity	Material Price	Labor Cost	Unit Price	Ext. Price
SSP100	Firestop putty	6	\$ 37.12	\$ -	37.12	\$ 222.70
SSS100	STI Fire barrier sealant	3	\$ 21.29	\$ -	21.29	\$ 63.86
ICCMSJHW44	ICC 2" Batwing J-hook	50	\$ 3.76	\$ -	3.76	\$ 187.80
ICCMSJHW55	ICC 4" Batwing J-hook	50	\$ 5.45	\$ -	5.45	\$ 272.40
1700-1PK-BB40	3M Electric tapes	3	\$ 3.58	\$ -	3.58	\$ 10.73
30987	3/4" Velcro (75ft)	1	\$ 32.88	\$ -	32.88	\$ 32.88
PLT3I-C	Panduit Tie wraps (100/bag)	3	\$ 32.54	\$ -	32.54	\$ 97.63
N/A	Labeling kits	1	\$ 300.00	\$ -	300.00	\$ 300.00
N/A	Miscellaneous cost	1	\$ 1,000.00	\$ -	1,000.00	\$ 1,000.00
Part Number	Labor	Quantity	Material Price	Labor Cost	Unit Price	Ext. Price
N/A	Labor for completing the stated Scope of Work	224	\$ -	\$ 75.00	\$ 75.00	\$ 16,800.00
N/A	Project Management and Handling Charges	12	\$ -	\$ 75.00	\$ 75.00	\$ 900.00

Total: Equipment \$ 13,016.97

Total: Labor \$ 17,700.00

Grand Total \$ 30,716.97

Forest Elementary

Equipment and Labor

Part Number	Materials	Quantity	Material Price	Labor Cost	Unit Price	Ext. Price
7131800	Panduit Cat 6 U/UTP 4-pair plenum cable (blue) (per ft)	11000	\$ 0.43	\$ -	0.43	\$ 4,752.00
NK6TMBU	Panduit Mini-com Cat 6 unshielded jack (blue)	102	\$ 9.96	\$ -	9.96	\$ 1,015.92
CFPL2WHY	Panduit Mini-com 2-port faceplate (white)	51	\$ 3.35	\$ -	3.35	\$ 170.75
CMBWH-X	Panduit Mini-com blanks (white)	51	\$ 0.46	\$ -	0.46	\$ 23.26
WM-2000	Wiremold V 2000 Drop Down Package	1	\$ 180.00	\$ -	180.00	\$ 180.00
Part Number	IDF/MDF room Buildout	Quantity	Material Price	Labor Cost	Unit Price	Ext. Price
CP48BLY	Panduit Mini-com 48-port unshielded modular flat patch panel, 2RU (black)	3	\$ 123.16	\$ -	123.16	\$ 369.47
WMP1E	Panduit PatchLink 2U horizontal cable manager (dual-sided) (black)	3	\$ 99.76	\$ -	99.76	\$ 299.27
SRB19BLY	Panduit strain relief bar	3	\$ 25.36	\$ -	25.36	\$ 76.07
10506-706	Chatsworth elevation kit for rack	2	\$ 60.40	\$ -	60.40	\$ 120.79

10595-712	Chatsworth rack to runway mounting plate	2	\$ 56.38	\$ -	\$ 56.38	\$ 112.75
10250-712	Chatsworth 12" W ladder rack	3	\$ 162.23	\$ -	\$ 162.23	\$ 486.68
12100-712	Chatsworth 12" W radius drop	2	\$ 46.84	\$ -	\$ 46.84	\$ 93.67
11421-712	Chatsworth 12" W wall angle kit	6	\$ 37.46	\$ -	\$ 37.46	\$ 224.78
11302-701	Chatsworth Junction splice kit	2	\$ 15.77	\$ -	\$ 15.77	\$ 31.54
10642-001	Chatsworth end cap	6	\$ 10.91	\$ -	\$ 10.91	\$ 65.45
PC6SL01-BLUE	Cat 6 patch cord, 1 ft (blue)	51	\$ 3.00	\$ -	\$ 3.00	\$ 153.00
PC6SL06-BLUE	Cat 6 patch cord, 6 ft (blue)	51	\$ 4.20	\$ -	\$ 4.20	\$ 214.20
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)	350	\$ 1.36	\$ -	\$ 1.36	\$ 474.60
CCH-CP12-D9	Corning 12F (OS2) duplex SC adapter panel	2	\$ 141.60	\$ -	\$ 141.60	\$ 283.20
95-200-41	Corning (OS2) SC Connectors	24	\$ 18.82	\$ -	\$ 18.82	\$ 451.58
CCH-01U	Corning 1U fiber enclosure	2	\$ 326.50	\$ -	\$ 326.50	\$ 652.99
E187202GNZ16002M	Corning OS2 SC-SC duplex patch cord, 2M	6	\$ 27.35	\$ -	\$ 27.35	\$ 164.09
Part Number	Grounding kit	Quantity	Material Price	Labor Cost	Unit Price	Ext.Price
6G-0601-04	#6 AWG green insulated grounding wire	100	\$ 1.07	\$ -	\$ 1.07	\$ 106.80
40162-901	Chatsworth .625" hole spacing two hole compression lug	12	\$ 11.80	\$ -	\$ 11.80	\$ 141.55
40162-903	Chatsworth 1" hole spacing two hole compression lug	6	\$ 13.30	\$ -	\$ 13.30	\$ 79.78
10610-019	Chatsworth horizontal rack mount ground bar kit	1	\$ 95.65	\$ -	\$ 95.65	\$ 95.65
40166-801	Chatsworth Antioxidant Joint Compound (gray)	1	\$ 25.25	\$ -	\$ 25.25	\$ 25.25
CNB4K	Panduit bonding cage nut and bonding screw (kit includes (4) 12-24 bonding cage nut and (4) 12-24 bonding screws) (green)	3	\$ 18.85	\$ -	\$ 18.85	\$ 56.56
Part Number	Supporting Materials	Quantity	Material Price	Labor Cost	Unit Price	Ext.Price
SSP100	Firestop putty	6	\$ 37.12	\$ -	\$ 37.12	\$ 222.70
SSS100	STI Fire barrier sealant	3	\$ 21.29	\$ -	\$ 21.29	\$ 63.86
ICCMSJHW44	ICC 2" Batwing J-hook	50	\$ 3.76	\$ -	\$ 3.76	\$ 187.80
ICCMSJHW55	ICC 4" Batwing J-hook	50	\$ 5.45	\$ -	\$ 5.45	\$ 272.40
1700-1PK-BB40	3M Electric tapes	3	\$ 3.58	\$ -	\$ 3.58	\$ 10.73
30987	3/4" Velcro (75ft)	1	\$ 32.88	\$ -	\$ 32.88	\$ 32.88
PLT3I-C	Panduit Tie wraps (100/bag)	3	\$ 32.54	\$ -	\$ 32.54	\$ 97.63
N/A	Labeling kits	1	\$ 300.00	\$ -	\$ 300.00	\$ 300.00
N/A	Miscellaneous cost	1	\$ 1,000.00	\$ -	\$ 1,000.00	\$ 1,000.00
Part Number	Labor	Quantity	Material Price	Labor Cost	Unit Price	Ext.Price
N/A	Labor for completing the stated Scope of Work	236	\$ -	\$ 75.00	\$ 75.00	\$ 17,700.00
N/A	Project Management and Handling Charges	12	\$ -	\$ 75.00	\$ 75.00	\$ 900.00
Total: Equipment						\$ 13,109.64
Total: Labor						\$ 18,600.00
Grand Total						\$ 31,709.64

Gill Elementary
Equipment and Labor

Part Number	Materials	Quantity	Material Price	Labor Cost	Unit Price	Ext.Price
7131800	Panduit Cat 6 U/UTP 4-pair plenum cable (blue) (per ft)	13000	\$ 0.43	\$ -	\$ 0.43	\$ 5,616.00
NK6TMBU	Panduit Mini-com Cat 6 unshielded jack (blue)	116	\$ 9.96	\$ -	\$ 9.96	\$ 1,155.36
CFPL2WHY	Panduit Mini-com 2-port faceplate (white)	58	\$ 3.35	\$ -	\$ 3.35	\$ 194.18
CMBWH-X	Panduit Mini-com blanks (white)	58	\$ 0.46	\$ -	\$ 0.46	\$ 26.45
WM-2000	Wiremold V 2000 Drop Down Package	3	\$ 180.00	\$ -	\$ 180.00	\$ 540.00
Part Number	IDF/MDF room Buildout	Quantity	Material Price	Labor Cost	Unit Price	Ext.Price
CP48BLY	Panduit Mini-com 48-port unshielded modular flat patch panel, 2RU (black)	3	\$ 123.16	\$ -	\$ 123.16	\$ 369.47
WMP1E	Panduit PatchLink 2U horizontal cable manager (dual-sided) (black)	3	\$ 99.76	\$ -	\$ 99.76	\$ 299.27
SRB19BLY	Panduit strain relief bar	3	\$ 25.36	\$ -	\$ 25.36	\$ 76.07
10506-706	Chatsworth elevation kit for rack	3	\$ 60.40	\$ -	\$ 60.40	\$ 181.19
10595-712	Chatsworth rack to runway mounting plate	3	\$ 56.38	\$ -	\$ 56.38	\$ 169.13
10250-712	Chatsworth 12" W ladder rack	6	\$ 162.23	\$ -	\$ 162.23	\$ 973.37
12100-712	Chatsworth 12" W radius drop	6	\$ 46.84	\$ -	\$ 46.84	\$ 281.02
11421-712	Chatsworth 12" W wall angle kit	9	\$ 37.46	\$ -	\$ 37.46	\$ 337.18
11302-701	Chatsworth Junction splice kit	3	\$ 15.77	\$ -	\$ 15.77	\$ 47.30
10642-001	Chatsworth end cap	9	\$ 10.91	\$ -	\$ 10.91	\$ 98.17
PC6SL01-BLUE	Cat 6 patch cord, 1 ft (blue)	58	\$ 3.00	\$ -	\$ 3.00	\$ 174.00
PC6SL06-BLUE	Cat 6 patch cord, 6 ft (blue)	58	\$ 4.20	\$ -	\$ 4.20	\$ 243.60
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)	1050	\$ 1.36	\$ -	\$ 1.36	\$ 1,423.80
CCH-CP12-D9	Corning 12F (OS2) duplex SC adapter panel	4	\$ 141.60	\$ -	\$ 141.60	\$ 566.40
95-200-41	Corning (OS2) SC Connectors	48	\$ 18.82	\$ -	\$ 18.82	\$ 903.17
CCH-01U	Corning 1U fiber enclosure	3	\$ 326.50	\$ -	\$ 326.50	\$ 979.49
E187202GNZ16002M	Corning OS2 SC-SC duplex patch cord, 2M	12	\$ 27.35	\$ -	\$ 27.35	\$ 328.18
Part Number	Grounding kit	Quantity	Material Price	Labor Cost	Unit Price	Ext.Price
6G-0601-04	#6 AWG green insulated grounding wire	150	\$ 1.07	\$ -	\$ 1.07	\$ 160.20
40162-901	Chatsworth .625" hole spacing two hole compression lug	18	\$ 11.80	\$ -	\$ 11.80	\$ 212.33
40162-903	Chatsworth 1" hole spacing two hole compression lug	9	\$ 13.30	\$ -	\$ 13.30	\$ 119.66
10610-019	Chatsworth horizontal rack mount ground bar kit	3	\$ 95.65	\$ -	\$ 95.65	\$ 286.96
40166-801	Chatsworth Antioxidant Joint Compound (gray)	1	\$ 25.25	\$ -	\$ 25.25	\$ 25.25
CNB4K	Panduit bonding cage nut and bonding screw (kit includes (4) 12-24 bonding cage nut and (4) 12-24 bonding screws) (green)	9	\$ 18.85	\$ -	\$ 18.85	\$ 169.67
Part Number	Supporting Materials	Quantity	Material Price	Labor Cost	Unit Price	Ext.Price
SSP100	Firestop putty	8	\$ 37.12	\$ -	\$ 37.12	\$ 296.93
SSS100	STI Fire barrier sealant	4	\$ 21.29	\$ -	\$ 21.29	\$ 85.15
ICCMSJHW44	ICC 2" Batwing J-hook	75	\$ 3.76	\$ -	\$ 3.76	\$ 281.70
ICCMSJHW55	ICC 4" Batwing J-hook	75	\$ 5.45	\$ -	\$ 5.45	\$ 408.60
1700-1PK-BB40	3M Electric tapes	3	\$ 3.58	\$ -	\$ 3.58	\$ 10.73
30987	3/4" Velcro (75ft)	1	\$ 32.88	\$ -	\$ 32.88	\$ 32.88
PLT3I-C	Panduit Tie wraps (100/bag)	3	\$ 32.54	\$ -	\$ 32.54	\$ 97.63
N/A	Labeling kits	1	\$ 300.00	\$ -	\$ 300.00	\$ 300.00
N/A	Miscellaneous cost	1	\$ 1,000.00	\$ -	\$ 1,000.00	\$ 1,000.00
Part Number	Labor	Quantity	Material Price	Labor Cost	Unit Price	Ext.Price
N/A	Labor for completing the stated Scope of Work	268	\$ -	\$ 75.00	\$ 75.00	\$ 20,100.00
N/A	Project Management and Handling Charges	16	\$ -	\$ 75.00	\$ 75.00	\$ 1,200.00
Total: Equipment						\$ 18,470.46
Total: Labor						\$ 21,300.00

\$ 39,770.46

Hillside Elementary
Equipment and Labor

Part Number	Materials	Quantity	Material Price	Labor Cost	Unit Price	Ext.Price
7131800	Panduit Cat 6 U/UTP 4-pair plenum cable (blue) (per ft)	19000	\$ 0.43	\$ -	0.43	\$ 8,208.00
NK6TMBU	Panduit Mini-com Cat 6 unshielded jack (blue)	172	\$ 9.96	\$ -	9.96	\$ 1,713.12
CFPL2WHY	Panduit Mini-com 2-port faceplate (white)	86	\$ 3.35	\$ -	3.35	\$ 287.93
CMBWH-X	Panduit Mini-com blanks (white)	86	\$ 0.46	\$ -	0.46	\$ 39.22
WM-2000	Wiremold V 2000 Drop Down Package	4	\$ 180.00	\$ -	180.00	\$ 720.00
Part Number	IDF/MDF room Buildout	Quantity	Material Price	Labor Cost	Unit Price	Ext.Price
CP48BLY	Panduit Mini-com 48-port unshielded modular flat patch panel, 2RU (black)	3	\$ 123.16	\$ -	123.16	\$ 369.47
WMP1E	Panduit PatchLink 2U horizontal cable manager (dual-sided) (black)	3	\$ 99.76	\$ -	99.76	\$ 299.27
SRB19BLY	Panduit strain relief bar	3	\$ 25.36	\$ -	25.36	\$ 76.07
10506-706	Chatsworth elevation kit for rack	3	\$ 60.40	\$ -	60.40	\$ 181.19
10595-712	Chatsworth rack to runway mounting plate	3	\$ 56.38	\$ -	56.38	\$ 169.13
10250-712	Chatsworth 12" W ladder rack	6	\$ 162.23	\$ -	162.23	\$ 973.37
12100-712	Chatsworth 12" W radius drop	6	\$ 46.84	\$ -	46.84	\$ 281.02
11421-712	Chatsworth 12" W wall angle kit	9	\$ 37.46	\$ -	37.46	\$ 337.18
11302-701	Chatsworth Junction splice kit	3	\$ 15.77	\$ -	15.77	\$ 47.30
10642-001	Chatsworth end cap	9	\$ 10.91	\$ -	10.91	\$ 98.17
PC6SL01-BLUE	Cat 6 patch cord, 1 ft (blue)	86	\$ 3.00	\$ -	3.00	\$ 258.00
PC6SL06-BLUE	Cat 6 patch cord, 6 ft (blue)	86	\$ 4.20	\$ -	4.20	\$ 361.20
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)	1050	\$ 1.36	\$ -	1.36	\$ 1,423.80
CCH-CP12-D9	Corning 12F (OS2) duplex SC adapter panel	4	\$ 141.60	\$ -	141.60	\$ 566.40
95-200-41	Corning (OS2) SC Connectors	48	\$ 18.82	\$ -	18.82	\$ 903.17
CCH-01U	Corning 1U fiber enclosure	3	\$ 326.50	\$ -	326.50	\$ 979.49
E187202GNZ16002M	Corning OS2 SC-SC duplex patch cord, 2M	12	\$ 27.35	\$ -	27.35	\$ 328.18
Part Number	Grounding kit	Quantity	Material Price	Labor Cost	Unit Price	Ext.Price
6G-0601-04	#6 AWG green insulated grounding wire	150	\$ 1.07	\$ -	1.07	\$ 160.20
40162-901	Chatsworth .625" hole spacing two hole compression lug	18	\$ 11.80	\$ -	11.80	\$ 212.33
40162-903	Chatsworth 1" hole spacing two hole compression lug	9	\$ 13.30	\$ -	13.30	\$ 119.66
10610-019	Chatsworth horizontal rack mount ground bar kit	3	\$ 95.65	\$ -	95.65	\$ 286.96
40166-801	Chatsworth Antioxidant Joint Compound (gray)	1	\$ 25.25	\$ -	25.25	\$ 25.25
CNB4K	Panduit bonding cage nut and bonding screw (kit includes (4) 12-24 bonding cage nut and (4) 12-24 bonding screws) (green)	9	\$ 18.85	\$ -	18.85	\$ 169.67
Part Number	Supporting Materials	Quantity	Material Price	Labor Cost	Unit Price	Ext.Price
SSP100	Firestop putty	8	\$ 37.12	\$ -	37.12	\$ 296.93
SSS100	STI Fire barrier sealant	4	\$ 21.29	\$ -	21.29	\$ 85.15
ICCMSJHW44	ICC 2" Batwing J-hook	75	\$ 3.76	\$ -	3.76	\$ 281.70
ICCMSJHW55	ICC 4" Batwing J-hook	75	\$ 5.45	\$ -	5.45	\$ 408.60
1700-1PK-BB40	3M Electric tapes	3	\$ 3.58	\$ -	3.58	\$ 10.73
30987	3/4" Velcro (75ft)	1	\$ 32.88	\$ -	32.88	\$ 32.88
PLT3I-C	Panduit Tie wraps (100/bag)	3	\$ 32.54	\$ -	32.54	\$ 97.63
N/A	Labeling kits	1	\$ 300.00	\$ -	300.00	\$ 300.00
N/A	Miscellaneous cost	1	\$ 1,000.00	\$ -	1,000.00	\$ 1,000.00
Part Number	Labor	Quantity	Material Price	Labor Cost	Unit Price	Ext.Price
N/A	Labor for completing the stated Scope of Work	276	\$ -	\$ 75.00	\$ 75.00	\$ 20,700.00
N/A	Project Management and Handling Charges	16	\$ -	\$ 75.00	\$ 75.00	\$ 1,200.00

Total: Equipment \$ 22,108.34

Total: Labor \$ 21,900.00

\$ 44,008.34

Kenbrook Elementary
Equipment and Labor

Part Number	Materials	Quantity	Material Price	Labor Cost	Unit Price	Ext.Price
7131800	Panduit Cat 6 U/UTP 4-pair plenum cable (blue) (per ft)	15000	\$ 0.43	\$ -	0.43	\$ 6,480.00
NK6TMBU	Panduit Mini-com Cat 6 unshielded jack (blue)	177	\$ 9.96	\$ -	9.96	\$ 1,762.92
CFPL2WHY	Panduit Mini-com 2-port faceplate (white)	67	\$ 3.35	\$ -	3.35	\$ 224.32
CMBWH-X	Panduit Mini-com blanks (white)	67	\$ 0.46	\$ -	0.46	\$ 30.55
WM-2000	Wiremold V 2000 Drop Down Package	0	\$ 180.00	\$ -	180.00	\$ -
Part Number	IDF/MDF room Buildout	Quantity	Material Price	Labor Cost	Unit Price	Ext.Price
CP48BLY	Panduit Mini-com 48-port unshielded modular flat patch panel, 2RU (black)	3	\$ 123.16	\$ -	123.16	\$ 369.47
WMP1E	Panduit PatchLink 2U horizontal cable manager (dual-sided) (black)	3	\$ 99.76	\$ -	99.76	\$ 299.27
SRB19BLY	Panduit strain relief bar	3	\$ 25.36	\$ -	25.36	\$ 76.07
10506-706	Chatsworth elevation kit for rack	3	\$ 60.40	\$ -	60.40	\$ 181.19
10595-712	Chatsworth rack to runway mounting plate	3	\$ 56.38	\$ -	56.38	\$ 169.13
10250-712	Chatsworth 12" W ladder rack	3	\$ 162.23	\$ -	162.23	\$ 486.68
12100-712	Chatsworth 12" W radius drop	3	\$ 46.84	\$ -	46.84	\$ 140.51
11421-712	Chatsworth 12" W wall angle kit	6	\$ 37.46	\$ -	37.46	\$ 224.78
11302-701	Chatsworth Junction splice kit	3	\$ 15.77	\$ -	15.77	\$ 47.30
10642-001	Chatsworth end cap	6	\$ 10.91	\$ -	10.91	\$ 65.45
PC6SL01-BLUE	Cat 6 patch cord, 1 ft (blue)	67	\$ 3.00	\$ -	3.00	\$ 201.00
PC6SL06-BLUE	Cat 6 patch cord, 6 ft (blue)	67	\$ 4.20	\$ -	4.20	\$ 281.40
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)	850	\$ 1.36	\$ -	1.36	\$ 1,152.60
CCH-CP12-D9	Corning 12F (OS2) duplex SC adapter panel	4	\$ 141.60	\$ -	141.60	\$ 566.40
95-200-41	Corning (OS2) SC Connectors	48	\$ 18.82	\$ -	18.82	\$ 903.17
CCH-01U	Corning 1U fiber enclosure	3	\$ 326.50	\$ -	326.50	\$ 979.49
E187202GNZ16002M	Corning OS2 SC-SC duplex patch cord, 2M	12	\$ 27.35	\$ -	27.35	\$ 328.18
Part Number	Grounding kit	Quantity	Material Price	Labor Cost	Unit Price	Ext.Price
6G-0601-04	#6 AWG green insulated grounding wire	150	\$ 1.07	\$ -	1.07	\$ 160.20
40162-901	Chatsworth .625" hole spacing two hole compression lug	18	\$ 11.80	\$ -	11.80	\$ 212.33
40162-903	Chatsworth 1" hole spacing two hole compression lug	9	\$ 13.30	\$ -	13.30	\$ 119.66
10610-019	Chatsworth horizontal rack mount ground bar kit	3	\$ 95.65	\$ -	95.65	\$ 286.96
40166-801	Chatsworth Antioxidant Joint Compound (gray)	1	\$ 25.25	\$ -	25.25	\$ 25.25
CNB4K	Panduit bonding cage nut and bonding screw (kit includes (4) 12-24 bonding cage nut and (4) 12-24 bonding screws) (green)	9	\$ 18.85	\$ -	18.85	\$ 169.67
Part Number	Supporting Materials	Quantity	Material Price	Labor Cost	Unit Price	Ext.Price

SSP100	Firestop putty	8	\$ 37.12	\$ -	\$ 37.12	\$ 296.93
SSS100	STI Fire barrier sealant	4	\$ 21.29	-	\$ 21.29	\$ 85.15
ICCMSJHW44	ICC 2" Batwing J-hook	75	\$ 3.76	-	\$ 3.76	\$ 281.70
ICCMSJHW55	ICC 4" Batwing J-hook	75	\$ 5.45	-	\$ 5.45	\$ 408.60
1700-1PK-BB40	3M Electric tapes	3	\$ 3.58	-	\$ 3.58	\$ 10.73
30987	3/4" Velcro (75ft)	1	\$ 32.88	-	\$ 32.88	\$ 32.88
PLT3I-C	Panduit Tie wraps (100/bag)	3	\$ 32.54	-	\$ 32.54	\$ 97.63
N/A	Labeling kits	1	\$ 180.00	-	\$ 180.00	\$ 180.00
N/A	Miscellaneous cost	1	\$ 800.00	-	\$ 800.00	\$ 800.00
Part Number	Labor	Quantity	Material Price	Labor Cost	Unit Price	Ext.Price
N/A	Labor for completing the stated Scope of Work	256	\$ -	\$ 75.00	\$ 75.00	\$ 19,200.00
N/A	Project Management and Handling Charges	12	\$ -	\$ 75.00	\$ 75.00	\$ 900.00

Total: Equipment \$ 18,137.55

Total: Labor \$ 20,100.00

\$ 38,237.55

Lanigan Elementary Equipment and Labor

Part Number	Materials	Quantity	Material Price	Labor Cost	Unit Price	Ext.Price
7131800	Panduit Cat 6 U/UTP 4-pair plenum cable (blue) (per ft)	23000	\$ 0.43	-	\$ 0.43	\$ 9,936.00
NK6TMBU	Panduit Mini-com Cat 6 unshielded jack (blue)	218	\$ 9.96	-	\$ 9.96	\$ 2,171.28
CFPL2WHY	Panduit Mini-com 2-port faceplate (white)	106	\$ 3.35	-	\$ 3.35	\$ 354.89
CMBWH-X	Panduit Mini-com blanks (white)	106	\$ 0.46	-	\$ 0.46	\$ 48.34
WM-2000	Wiremold V 2000 Drop Down Package	4	\$ 180.00	-	\$ 180.00	\$ 720.00
Part Number	IDF/MDF room Buildout	Quantity	Material Price	Labor Cost	Unit Price	Ext.Price
CP48BLY	Panduit Mini-com 48-port unshielded modular flat patch panel, 2RU (black)	3	\$ 123.16	-	\$ 123.16	\$ 369.47
WMP1E	Panduit PatchLink 2U horizontal cable manager (dual-sided) (black)	3	\$ 99.76	-	\$ 99.76	\$ 299.27
SRB19BLY	Panduit strain relief bar	3	\$ 25.36	-	\$ 25.36	\$ 76.07
10506-706	Chatsworth elevation kit for rack	2	\$ 60.40	-	\$ 60.40	\$ 120.79
10595-712	Chatsworth rack to runway mounting plate	2	\$ 56.38	-	\$ 56.38	\$ 112.75
10250-712	Chatsworth 12" W ladder rack	2	\$ 162.23	-	\$ 162.23	\$ 324.46
12100-712	Chatsworth 12" W radius drop	2	\$ 46.84	-	\$ 46.84	\$ 93.67
11421-712	Chatsworth 12" W wall angle kit	4	\$ 37.46	-	\$ 37.46	\$ 149.86
11302-701	Chatsworth Junction splice kit	2	\$ 15.77	-	\$ 15.77	\$ 31.54
10642-001	Chatsworth end cap	4	\$ 10.91	-	\$ 10.91	\$ 43.63
PC6SL01-BLUE	Cat 6 patch cord, 1 ft (blue)	106	\$ 3.00	-	\$ 3.00	\$ 318.00
PC6SL06-BLUE	Cat 6 patch cord, 6 ft (blue)	106	\$ 4.20	-	\$ 4.20	\$ 445.20
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	\$ 1.36	-	\$ 1.36	\$ 881.40
CCH-CP12-D9	Corning 12F (OS2) duplex SC adapter panel	2	\$ 141.60	-	\$ 141.60	\$ 283.20
95-200-41	Corning (OS2) SC Connectors	24	\$ 18.82	-	\$ 18.82	\$ 451.58
CCH-01U	Corning 1U fiber enclosure	2	\$ 326.50	-	\$ 326.50	\$ 652.99
E187202GNZ16002M	Corning OS2 SC-SC duplex patch cord, 2M	6	\$ 27.35	-	\$ 27.35	\$ 164.09
Part Number	Grounding kit	Quantity	Material Price	Labor Cost	Unit Price	Ext.Price
6G-0601-04	#6 AWG green insulated grounding wire	100	\$ 1.07	-	\$ 1.07	\$ 106.80
40162-901	Chatsworth .625" hole spacing two hole compression lug	12	\$ 11.80	-	\$ 11.80	\$ 141.55
40162-903	Chatsworth 1" hole spacing two hole compression lug	6	\$ 13.30	-	\$ 13.30	\$ 79.78
10610-019	Chatsworth horizontal rack mount ground bar kit	1	\$ 95.65	-	\$ 95.65	\$ 95.65
40166-801	Chatsworth Antioxidant Joint Compound (gray)	1	\$ 25.25	-	\$ 25.25	\$ 25.25
CNB4K	Panduit bonding cage nut and bonding screw (kit includes (4) 12-24 bonding cage nut and (4) 12-24 bonding screws) (green)	3	\$ 18.85	-	\$ 18.85	\$ 56.56
Part Number	Supporting Materials	Quantity	Material Price	Labor Cost	Unit Price	Ext.Price
SSP100	Firestop putty	6	\$ 37.12	-	\$ 37.12	\$ 222.70
SSS100	STI Fire barrier sealant	3	\$ 21.29	-	\$ 21.29	\$ 63.86
ICCMSJHW44	ICC 2" Batwing J-hook	50	\$ 3.76	-	\$ 3.76	\$ 187.80
ICCMSJHW55	ICC 4" Batwing J-hook	50	\$ 5.45	-	\$ 5.45	\$ 272.40
1700-1PK-BB40	3M Electric tapes	3	\$ 3.58	-	\$ 3.58	\$ 10.73
30987	3/4" Velcro (75ft)	1	\$ 32.88	-	\$ 32.88	\$ 32.88
PLT3I-C	Panduit Tie wraps (100/bag)	3	\$ 32.54	-	\$ 32.54	\$ 97.63
N/A	Labeling kits	1	\$ 180.00	-	\$ 180.00	\$ 180.00
N/A	Miscellaneous cost	1	\$ 960.00	-	\$ 960.00	\$ 960.00
Part Number	Labor	Quantity	Material Price	Labor Cost	Unit Price	Ext.Price
N/A	Labor for completing the stated Scope of Work	276	\$ -	\$ 75.00	\$ 75.00	\$ 20,700.00
N/A	Project Management and Handling Charges	16	\$ -	\$ 75.00	\$ 75.00	\$ 1,200.00

Total: Equipment \$ 20,582.05

Total: Labor \$ 21,900.00

\$ 42,482.05

Longacre Elementary Equipment and Labor

Part Number	Materials	Quantity	Material Price	Labor Cost	Unit Price	Ext.Price
7131800	Panduit Cat 6 U/UTP 4-pair plenum cable (blue) (per ft)	10000	\$ 0.43	-	\$ 0.43	\$ 4,320.00
NK6TMBU	Panduit Mini-com Cat 6 unshielded jack (blue)	90	\$ 9.96	-	\$ 9.96	\$ 896.40
CFPL2WHY	Panduit Mini-com 2-port faceplate (white)	45	\$ 3.35	-	\$ 3.35	\$ 150.66
CMBWH-X	Panduit Mini-com blanks (white)	45	\$ 0.46	-	\$ 0.46	\$ 20.52
WM-2000	Wiremold V 2000 Drop Down Package	6	\$ 180.00	-	\$ 180.00	\$ 1,080.00
Part Number	IDF/MDF room Buildout	Quantity	Material Price	Labor Cost	Unit Price	Ext.Price
CP48BLY	Panduit Mini-com 48-port unshielded modular flat patch panel, 2RU (black)	2	\$ 123.16	-	\$ 123.16	\$ 246.31
WMP1E	Panduit PatchLink 2U horizontal cable manager (dual-sided) (black)	2	\$ 99.76	-	\$ 99.76	\$ 199.51
SRB19BLY	Panduit strain relief bar	2	\$ 25.36	-	\$ 25.36	\$ 50.71
10506-706	Chatsworth elevation kit for rack	1	\$ 60.40	-	\$ 60.40	\$ 60.40
10595-712	Chatsworth rack to runway mounting plate	1	\$ 56.38	-	\$ 56.38	\$ 56.38
10250-712	Chatsworth 12" W ladder rack	1	\$ 162.23	-	\$ 162.23	\$ 162.23
12100-712	Chatsworth 12" W radius drop	1	\$ 46.84	-	\$ 46.84	\$ 46.84
11421-712	Chatsworth 12" W wall angle kit	3	\$ 37.46	-	\$ 37.46	\$ 112.39
11302-701	Chatsworth Junction splice kit	1	\$ 15.77	-	\$ 15.77	\$ 15.77
10642-001	Chatsworth end cap	2	\$ 10.91	-	\$ 10.91	\$ 21.82
PC6SL01-BLUE	Cat 6 patch cord, 1 ft (blue)	45	\$ 3.00	-	\$ 3.00	\$ 135.00

PC6SL06-BLUE	Cat 6 patch cord, 6 ft (blue)	45	\$ 4.20	\$ -	\$ 4.20	\$ 189.00
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)	500	\$ 1.36	\$ -	\$ 1.36	\$ 678.00
CCH-CP12-D9	Corning 12F (OS2) duplex SC adapter panel	2	\$ 141.60	\$ -	\$ 141.60	\$ 283.20
95-200-41	Corning (OS2) SC Connectors	24	\$ 18.82	\$ -	\$ 18.82	\$ 451.58
CCH-01U	Corning 1U fiber enclosure	2	\$ 326.50	\$ -	\$ 326.50	\$ 652.99
E187202GNZ16002M	Corning OS2 SC-SC duplex patch cord, 2M	6	\$ 27.35	\$ -	\$ 27.35	\$ 164.09
Part Number	Grounding kit	Quantity	Material Price	Labor Cost	Unit Price	Ext.Price
6G-0601-04	#6 AWG green insulated grounding wire	100	\$ 1.07	\$ -	\$ 1.07	\$ 106.80
40162-901	Chatsworth .625" hole spacing two hole compression lug	12	\$ 11.80	\$ -	\$ 11.80	\$ 141.55
40162-903	Chatsworth 1" hole spacing two hole compression lug	6	\$ 13.30	\$ -	\$ 13.30	\$ 79.78
10610-019	Chatsworth horizontal rack mount ground bar kit	1	\$ 95.65	\$ -	\$ 95.65	\$ 95.65
40166-801	Chatsworth Antioxidant Joint Compound (gray)	1	\$ 25.25	\$ -	\$ 25.25	\$ 25.25
CNB4K	Panduit bonding cage nut and bonding screw (kit includes (4) 12-24 bonding cage nut and (4) 12-24 bonding screws) (green)	3	\$ 18.85	\$ -	\$ 18.85	\$ 56.56
Part Number	Supporting Materials	Quantity	Material Price	Labor Cost	Unit Price	Ext.Price
SSP100	Firestop putty	6	\$ 37.12	\$ -	\$ 37.12	\$ 222.70
SSS100	STI Fire barrier sealant	3	\$ 21.29	\$ -	\$ 21.29	\$ 63.86
ICCMSJIHW44	ICC 2" Batwing J-hook	50	\$ 3.76	\$ -	\$ 3.76	\$ 187.80
ICCMSJIHW55	ICC 4" Batwing J-hook	50	\$ 5.45	\$ -	\$ 5.45	\$ 272.40
1700-1PK-BB40	3M Electric tapes	3	\$ 3.58	\$ -	\$ 3.58	\$ 10.73
30987	3/4" Velcro (75ft)	1	\$ 32.88	\$ -	\$ 32.88	\$ 32.88
PLT3I-C	Panduit Tie wraps (100/bag)	3	\$ 32.54	\$ -	\$ 32.54	\$ 97.63
N/A	Labeling kits	1	\$ 180.00	\$ -	\$ 180.00	\$ 180.00
N/A	Miscellaneous cost	1	\$ 800.00	\$ -	\$ 800.00	\$ 800.00
Part Number	Labor	Quantity	Material Price	Labor Cost	Unit Price	Ext.Price
N/A	Labor for completing the stated Scope of Work	144	\$ -	\$ 75.00	\$ 75.00	\$ 10,800.00
N/A	Project Management and Handling Charges	8	\$ -	\$ 75.00	\$ 75.00	\$ 600.00

Total: Equipment \$ 12,367.38

Total: Labor \$ 11,400.00

\$ 23,767.38

Woodcreek Elementary
Equipment and Labor

Part Number	Materials	Quantity	Material Price	Labor Cost	Unit Price	Ext.Price
7131800	Panduit Cat 6 U/UTP 4-pair plenum cable (blue) (per ft)	12000	\$ 0.43	\$ -	\$ 0.43	\$ 5,184.00
NK6TMBU	Panduit Mini-com Cat 6 unshielded jack (blue)	140	\$ 9.96	\$ -	\$ 9.96	\$ 1,394.40
CFPL2WHY	Panduit Mini-com 2-port faceplate (white)	59	\$ 3.35	\$ -	\$ 3.35	\$ 197.53
CMBWH-X	Panduit Mini-com blanks (white)	59	\$ 0.46	\$ -	\$ 0.46	\$ 26.90
WM-2000	Wiremold V 2000 Drop Down Package	5	\$ 180.00	\$ -	\$ 180.00	\$ 900.00
Part Number	IDF/MDF room Buildout	Quantity	Material Price	Labor Cost	Unit Price	Ext.Price
CP488LY	Panduit Mini-com 48-port unshielded modular flat patch panel, 2RU (black)	2	\$ 123.16	\$ -	\$ 123.16	\$ 246.31
WMP1E	Panduit PatchLink 2U horizontal cable manager (dual-sided) (black)	2	\$ 99.76	\$ -	\$ 99.76	\$ 199.51
SRB19BLY	Panduit strain relief bar	2	\$ 25.36	\$ -	\$ 25.36	\$ 50.71
10506-706	Chatsworth elevation kit for rack	2	\$ 60.40	\$ -	\$ 60.40	\$ 120.79
10595-712	Chatsworth rack to runway mounting plate	2	\$ 56.38	\$ -	\$ 56.38	\$ 112.75
10250-712	Chatsworth 12" W ladder rack	2	\$ 162.23	\$ -	\$ 162.23	\$ 324.46
12100-712	Chatsworth 12" W radius drop	2	\$ 46.84	\$ -	\$ 46.84	\$ 93.67
11421-712	Chatsworth 12" W wall angle kit	4	\$ 37.46	\$ -	\$ 37.46	\$ 149.86
11302-701	Chatsworth Junction splice kit	2	\$ 15.77	\$ -	\$ 15.77	\$ 31.54
10642-001	Chatsworth end cap	4	\$ 10.91	\$ -	\$ 10.91	\$ 43.63
PC6SL01-BLUE	Cat 6 patch cord, 1 ft (blue)	59	\$ 3.00	\$ -	\$ 3.00	\$ 177.00
PC6SL06-BLUE	Cat 6 patch cord, 6 ft (blue)	59	\$ 4.20	\$ -	\$ 4.20	\$ 247.80
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)	620	\$ 1.36	\$ -	\$ 1.36	\$ 840.72
CCH-CP12-D9	Corning 12F (OS2) duplex SC adapter panel	2	\$ 141.60	\$ -	\$ 141.60	\$ 283.20
95-200-41	Corning (OS2) SC Connectors	24	\$ 18.82	\$ -	\$ 18.82	\$ 451.58
CCH-01U	Corning 1U fiber enclosure	2	\$ 326.50	\$ -	\$ 326.50	\$ 652.99
E187202GNZ16002M	Corning OS2 SC-SC duplex patch cord, 2M	6	\$ 27.35	\$ -	\$ 27.35	\$ 164.09
Part Number	Grounding kit	Quantity	Material Price	Labor Cost	Unit Price	Ext.Price
6G-0601-04	#6 AWG green insulated grounding wire	100	\$ 1.07	\$ -	\$ 1.07	\$ 106.80
40162-901	Chatsworth .625" hole spacing two hole compression lug	12	\$ 11.80	\$ -	\$ 11.80	\$ 141.55
40162-903	Chatsworth 1" hole spacing two hole compression lug	6	\$ 13.30	\$ -	\$ 13.30	\$ 79.78
10610-019	Chatsworth horizontal rack mount ground bar kit	1	\$ 95.65	\$ -	\$ 95.65	\$ 95.65
40166-801	Chatsworth Antioxidant Joint Compound (gray)	1	\$ 25.25	\$ -	\$ 25.25	\$ 25.25
CNB4K	Panduit bonding cage nut and bonding screw (kit includes (4) 12-24 bonding cage nut and (4) 12-24 bonding screws) (green)	3	\$ 18.85	\$ -	\$ 18.85	\$ 56.56
Part Number	Supporting Materials	Quantity	Material Price	Labor Cost	Unit Price	Ext.Price
SSP100	Firestop putty	6	\$ 37.12	\$ -	\$ 37.12	\$ 222.70
SSS100	STI Fire barrier sealant	3	\$ 21.29	\$ -	\$ 21.29	\$ 63.86
ICCMSJIHW44	ICC 2" Batwing J-hook	50	\$ 3.76	\$ -	\$ 3.76	\$ 187.80
ICCMSJIHW55	ICC 4" Batwing J-hook	50	\$ 5.45	\$ -	\$ 5.45	\$ 272.40
1700-1PK-BB40	3M Electric tapes	3	\$ 3.58	\$ -	\$ 3.58	\$ 10.73
30987	3/4" Velcro (75ft)	1	\$ 32.88	\$ -	\$ 32.88	\$ 32.88
PLT3I-C	Panduit Tie wraps (100/bag)	3	\$ 32.54	\$ -	\$ 32.54	\$ 97.63
N/A	Labeling kits	1	\$ 180.00	\$ -	\$ 180.00	\$ 180.00
N/A	Miscellaneous cost	1	\$ 800.00	\$ -	\$ 800.00	\$ 800.00
Part Number	Labor	Quantity	Material Price	Labor Cost	Unit Price	Ext.Price
N/A	Labor for completing the stated Scope of Work	160	\$ -	\$ 75.00	\$ 75.00	\$ 12,000.00
N/A	Project Management and Handling Charges	8	\$ -	\$ 75.00	\$ 75.00	\$ 600.00

Total: Equipment \$ 14,267.04

Total: Labor \$ 12,600.00

\$ 26,867.04

Steam Academy Elementary
Equipment and Labor

Part Number	Materials	Quantity	Material Price	Labor Cost	Unit Price	Ext.Price
7131800	Panduit Cat 6 U/UTP 4-pair plenum cable (blue) (per ft)	17000	\$ 0.43	\$ -	\$ 0.43	\$ 7,344.00
NK6TMBU	Panduit Mini-com Cat 6 unshielded jack (blue)	168	\$ 9.96	\$ -	\$ 9.96	\$ 1,673.28
CFPL2WHY	Panduit Mini-com 2-port faceplate (white)	84	\$ 3.35	\$ -	\$ 3.35	\$ 281.23
CMBWH-X	Panduit Mini-com blanks (white)	84	\$ 0.46	\$ -	\$ 0.46	\$ 38.30
WM-2000	Wiremold V 2000 Drop Down Package	6	\$ 180.00	\$ -	\$ 180.00	\$ 1,080.00
Part Number	IDF/MDF room Buildout	Quantity	Material Price	Labor Cost	Unit Price	Ext.Price
CP48BLY	Panduit Mini-com 48-port unshielded modular flat patch panel, 2RU (black)	3	\$ 123.16	\$ -	\$ 123.16	\$ 369.47
WMP1E	Panduit PatchLink 2U horizontal cable manager (dual-sided) (black)	3	\$ 99.76	\$ -	\$ 99.76	\$ 299.27
SRB19BLY	Panduit strain relief bar	3	\$ 25.36	\$ -	\$ 25.36	\$ 76.07
10506-706	Chatsworth elevation kit for rack	2	\$ 60.40	\$ -	\$ 60.40	\$ 120.79
10595-712	Chatsworth rack to runway mounting plate	2	\$ 56.38	\$ -	\$ 56.38	\$ 112.75
10250-712	Chatsworth 12" W ladder rack	2	\$ 162.23	\$ -	\$ 162.23	\$ 324.46
12100-712	Chatsworth 12" W radius drop	2	\$ 46.84	\$ -	\$ 46.84	\$ 93.67
11421-712	Chatsworth 12" W wall angle kit	4	\$ 37.46	\$ -	\$ 37.46	\$ 149.86
11302-701	Chatsworth Junction splice kit	2	\$ 15.77	\$ -	\$ 15.77	\$ 31.54
10642-001	Chatsworth end cap	4	\$ 10.91	\$ -	\$ 10.91	\$ 43.63
PC6SL01-BLUE	Cat 6 patch cord, 1 ft (blue)	84	\$ 3.00	\$ -	\$ 3.00	\$ 252.00
PC6SL06-BLUE	Cat 6 patch cord, 6 ft (blue)	84	\$ 4.20	\$ -	\$ 4.20	\$ 352.80
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)	1680	\$ 1.36	\$ -	\$ 1.36	\$ 2,278.08
CCH-CP12-D9	Corning 12F (OS2) duplex SC adapter panel	6	\$ 141.60	\$ -	\$ 141.60	\$ 849.60
95-200-41	Corning (OS2) SC Connectors	72	\$ 18.82	\$ -	\$ 18.82	\$ 1,354.75
CCH-01U	Corning 1U fiber enclosure	4	\$ 326.50	\$ -	\$ 326.50	\$ 1,305.98
E187202GNZ16002M	Corning OS2 SC-SC duplex patch cord, 2M	18	\$ 27.35	\$ -	\$ 27.35	\$ 492.26
Part Number	Grounding kit	Quantity	Material Price	Labor Cost	Unit Price	Ext.Price
6G-0601-04	#6 AWG green insulated grounding wire	150	\$ 1.07	\$ -	\$ 1.07	\$ 160.20
40162-901	Chatsworth .625" hole spacing two hole compression lug	18	\$ 11.80	\$ -	\$ 11.80	\$ 212.33
40162-903	Chatsworth 1" hole spacing two hole compression lug	9	\$ 13.30	\$ -	\$ 13.30	\$ 119.66
10610-019	Chatsworth horizontal rack mount ground bar kit	3	\$ 95.65	\$ -	\$ 95.65	\$ 286.96
40166-801	Chatsworth Antioxidant Joint Compound (gray)	1	\$ 25.25	\$ -	\$ 25.25	\$ 25.25
CNB4K	Panduit bonding cage nut and bonding screw (kit includes (4) 12-24 bonding cage nut and (4) 12-24 bonding screws) (green)	9	\$ 18.85	\$ -	\$ 18.85	\$ 169.67
Part Number	Supporting Materials	Quantity	Material Price	Labor Cost	Unit Price	Ext.Price
SSP100	Firestop putty	8	\$ 37.12	\$ -	\$ 37.12	\$ 296.93
SSS100	STI Fire barrier sealant	4	\$ 21.29	\$ -	\$ 21.29	\$ 85.15
ICCMSJHW44	ICC 2" Batwing J-hook	75	\$ 3.76	\$ -	\$ 3.76	\$ 281.70
ICCMSJHW55	ICC 4" Batwing J-hook	75	\$ 5.45	\$ -	\$ 5.45	\$ 408.60
1700-1PK-BB40	3M Electric tapes	3	\$ 3.58	\$ -	\$ 3.58	\$ 10.73
30987	3/4" Velcro (75ft)	1	\$ 32.88	\$ -	\$ 32.88	\$ 32.88
PLT3I-C	Panduit Tie wraps (100/bag)	3	\$ 32.54	\$ -	\$ 32.54	\$ 97.63
N/A	Labeling kits	1	\$ 180.00	\$ -	\$ 180.00	\$ 180.00
N/A	Miscellaneous cost	1	\$ 1,000.00	\$ -	\$ 1,000.00	\$ 1,000.00
Part Number	Labor	Quantity	Material Price	Labor Cost	Unit Price	Ext.Price
N/A	Labor for completing the stated Scope of Work	244	\$ -	\$ 75.00	\$ 75.00	\$ 18,300.00
N/A	Project Management and Handling Charges	12	\$ -	\$ 75.00	\$ 75.00	\$ 900.00

Total: Equipment \$ 22,291.48

Total: Labor \$ 19,200.00

\$ 41,491.48

Farmington Central Highschool
Equipment and Labor

Part Number	Materials	Quantity	Material Price	Labor Cost	Unit Price	Ext.Price
7131800	Panduit Cat 6 U/UTP 4-pair plenum cable (blue) (per ft)	16000	\$ 0.43	\$ -	\$ 0.43	\$ 6,912.00
NK6TMBU	Panduit Mini-com Cat 6 unshielded jack (blue)	146	\$ 9.96	\$ -	\$ 9.96	\$ 1,454.16
CFPL2WHY	Panduit Mini-com 2-port faceplate (white)	73	\$ 3.35	\$ -	\$ 3.35	\$ 244.40
CMBWH-X	Panduit Mini-com blanks (white)	73	\$ 0.46	\$ -	\$ 0.46	\$ 33.29
WM-2000	Wiremold V 2000 Drop Down Package	6	\$ 180.00	\$ -	\$ 180.00	\$ 1,080.00
Part Number	IDF/MDF room Buildout	Quantity	Material Price	Labor Cost	Unit Price	Ext.Price
CP48BLY	Panduit Mini-com 48-port unshielded modular flat patch panel, 2RU (black)	2	\$ 123.16	\$ -	\$ 123.16	\$ 246.31
WMP1E	Panduit PatchLink 2U horizontal cable manager (dual-sided) (black)	2	\$ 99.76	\$ -	\$ 99.76	\$ 199.51
SRB19BLY	Panduit strain relief bar	2	\$ 25.36	\$ -	\$ 25.36	\$ 50.71
10506-706	Chatsworth elevation kit for rack	2	\$ 60.40	\$ -	\$ 60.40	\$ 120.79
10595-712	Chatsworth rack to runway mounting plate	2	\$ 56.38	\$ -	\$ 56.38	\$ 112.75
10250-712	Chatsworth 12" W ladder rack	2	\$ 162.23	\$ -	\$ 162.23	\$ 324.46
12100-712	Chatsworth 12" W radius drop	2	\$ 46.84	\$ -	\$ 46.84	\$ 93.67
11421-712	Chatsworth 12" W wall angle kit	4	\$ 37.46	\$ -	\$ 37.46	\$ 149.86
11302-701	Chatsworth Junction splice kit	2	\$ 15.77	\$ -	\$ 15.77	\$ 31.54
10642-001	Chatsworth end cap	4	\$ 10.91	\$ -	\$ 10.91	\$ 43.63
PC6SL01-BLUE	Cat 6 patch cord, 1 ft (blue)	73	\$ 3.00	\$ -	\$ 3.00	\$ 219.00
PC6SL06-BLUE	Cat 6 patch cord, 6 ft (blue)	73	\$ 4.20	\$ -	\$ 4.20	\$ 306.60
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)	550	\$ 1.36	\$ -	\$ 1.36	\$ 745.80
CCH-CP12-D9	Corning 12F (OS2) duplex SC adapter panel	2	\$ 141.60	\$ -	\$ 141.60	\$ 283.20
95-200-41	Corning (OS2) SC Connectors	24	\$ 18.82	\$ -	\$ 18.82	\$ 451.58
CCH-01U	Corning 1U fiber enclosure	2	\$ 326.50	\$ -	\$ 326.50	\$ 652.99
E187202GNZ16002M	Corning OS2 SC-SC duplex patch cord, 2M	6	\$ 27.35	\$ -	\$ 27.35	\$ 164.09
Part Number	Grounding kit	Quantity	Material Price	Labor Cost	Unit Price	Ext.Price
6G-0601-04	#6 AWG green insulated grounding wire	100	\$ 1.07	\$ -	\$ 1.07	\$ 106.80
40162-901	Chatsworth .625" hole spacing two hole compression lug	12	\$ 11.80	\$ -	\$ 11.80	\$ 141.55
40162-903	Chatsworth 1" hole spacing two hole compression lug	6	\$ 13.30	\$ -	\$ 13.30	\$ 79.78
10610-019	Chatsworth horizontal rack mount ground bar kit	1	\$ 95.65	\$ -	\$ 95.65	\$ 95.65
40166-801	Chatsworth Antioxidant Joint Compound (gray)	1	\$ 25.25	\$ -	\$ 25.25	\$ 25.25
CNB4K	Panduit bonding cage nut and bonding screw (kit includes (4) 12-24 bonding cage nut and (4) 12-24 bonding screws) (green)	3	\$ 18.85	\$ -	\$ 18.85	\$ 56.56
Part Number	Supporting Materials	Quantity	Material Price	Labor Cost	Unit Price	Ext.Price
SSP100	Firestop putty	6	\$ 37.12	\$ -	\$ 37.12	\$ 222.70
SSS100	STI Fire barrier sealant	3	\$ 21.29	\$ -	\$ 21.29	\$ 63.86
ICCMSJHW44	ICC 2" Batwing J-hook	50	\$ 3.76	\$ -	\$ 3.76	\$ 187.80
ICCMSJHW55	ICC 4" Batwing J-hook	50	\$ 5.45	\$ -	\$ 5.45	\$ 272.40
1700-1PK-BB40	3M Electric tapes	3	\$ 3.58	\$ -	\$ 3.58	\$ 10.73
30987	3/4" Velcro (75ft)	1	\$ 32.88	\$ -	\$ 32.88	\$ 32.88
PLT3I-C	Panduit Tie wraps (100/bag)	3	\$ 32.54	\$ -	\$ 32.54	\$ 97.63

N/A	Labeling kits	1	\$ 180.00	\$ -	\$ 180.00	\$ 180.00
N/A	Miscellaneous cost	1	\$ 700.00	\$ -	\$ 700.00	\$ 700.00
Part Number	Labor	Quantity	Material Price	Labor Cost	Unit Price	Ext.Price
N/A	Labor for completing the stated Scope of Work	192	\$ -	\$ 75.00	\$ 75.00	\$ 14,400.00
N/A	Project Management and Handeling Charges	12	\$ -	\$ 75.00	\$ 75.00	\$ 900.00

Total: Equipment \$ 16,193.93

Total: Labor \$ 15,300.00

\$ 31,493.93

Facilities

Equipment and Labor

Part Number	Materials	Quantity	Material Price	Labor Cost	Unit Price	Ext.Price
7131800	Panduit Cat 6 U/UTP 4-pair plenum cable (blue) (per ft)	10000	\$ 0.43	\$ -	\$ 0.43	\$ 4,320.00
NK6TMBU	Panduit Mini-com Cat 6 unshielded jack (blue)	88	\$ 9.96	\$ -	\$ 9.96	\$ 876.48
CFPL2WHY	Panduit Mini-com 2-port faceplate (white)	44	\$ 3.35	\$ -	\$ 3.35	\$ 147.31
CMBWH-X	Panduit Mini-com blanks (white)	44	\$ 0.46	\$ -	\$ 0.46	\$ 20.06
WM-2000	Wiremold V 2000 Drop Down Package	2	\$ 180.00	\$ -	\$ 180.00	\$ 360.00
Part Number	IDF/MDF room Buildout	Quantity	Material Price	Labor Cost	Unit Price	Ext.Price
CP48BLY	Panduit Mini-com 48-port unshielded modular flat patch panel, 2RU (black)	2	\$ 123.16	\$ -	\$ 123.16	\$ 246.31
WMP1E	Panduit PatchLink 2U horizontal cable manager (dual-sided) (black)	2	\$ 99.76	\$ -	\$ 99.76	\$ 199.51
SRB19BLY	Panduit strain relief bar	2	\$ 25.36	\$ -	\$ 25.36	\$ 50.71
10506-706	Chatsworth elevation kit for rack	1	\$ 60.40	\$ -	\$ 60.40	\$ 60.40
10595-712	Chatsworth rack to runway mounting plate	1	\$ 56.38	\$ -	\$ 56.38	\$ 56.38
10250-712	Chatsworth 12" W ladder rack	1	\$ 162.23	\$ -	\$ 162.23	\$ 162.23
12100-712	Chatsworth 12" W radius drop	1	\$ 46.84	\$ -	\$ 46.84	\$ 46.84
11421-712	Chatsworth 12" W wall angle kit	3	\$ 37.46	\$ -	\$ 37.46	\$ 112.39
11302-701	Chatsworth Junction splice kit	1	\$ 15.77	\$ -	\$ 15.77	\$ 15.77
10642-001	Chatsworth end cap	4	\$ 10.91	\$ -	\$ 10.91	\$ 43.63
PC6SL01-BLUE	Cat 6 patch cord, 1 ft (blue)	44	\$ 3.00	\$ -	\$ 3.00	\$ 132.00
PC6SL06-BLUE	Cat 6 patch cord, 6 ft (blue)	44	\$ 4.20	\$ -	\$ 4.20	\$ 184.80
Part Number	Grounding kit	Quantity	Material Price	Labor Cost	Unit Price	Ext.Price
6G-0601-04	#6 AWG green insulated grounding wire	100	\$ 1.07	\$ -	\$ 1.07	\$ 106.80
40162-901	Chatsworth .625" hole spacing two hole compression lug	12	\$ 11.80	\$ -	\$ 11.80	\$ 141.55
40162-903	Chatsworth 1" hole spacing two hole compression lug	6	\$ 13.30	\$ -	\$ 13.30	\$ 79.78
10610-019	Chatsworth horizontal rack mount ground bar kit	1	\$ 95.65	\$ -	\$ 95.65	\$ 95.65
40166-801	Chatsworth Antioxidant Joint Compound (gray)	1	\$ 25.25	\$ -	\$ 25.25	\$ 25.25
CNB4K	Panduit bonding cage nut and bonding screw (kit includes (4) 12-24 bonding cage nut and (4) 12-24 bonding screws) (green)	3	\$ 18.85	\$ -	\$ 18.85	\$ 56.56
Part Number	Supporting Materials	Quantity	Material Price	Labor Cost	Unit Price	Ext.Price
SSP100	Firestop putty	6	\$ 37.12	\$ -	\$ 37.12	\$ 222.70
SSS100	STI Fire barrier sealant	3	\$ 21.29	\$ -	\$ 21.29	\$ 63.86
ICCMSJHW44	ICC 2" Batwing J-hook	50	\$ 3.76	\$ -	\$ 3.76	\$ 187.80
ICCMSJHW55	ICC 4" Batwing J-hook	50	\$ 5.45	\$ -	\$ 5.45	\$ 272.40
1700-1PK-BB40	3M Electric tapes	3	\$ 3.58	\$ -	\$ 3.58	\$ 10.73
30987	3/4" Velcro (75ft)	1	\$ 32.88	\$ -	\$ 32.88	\$ 32.88
PLT3I-C	Panduit Tie wraps (100/bag)	3	\$ 32.54	\$ -	\$ 32.54	\$ 97.63
N/A	Labeling kits	1	\$ 180.00	\$ -	\$ 180.00	\$ 180.00
N/A	Miscellaneous cost	1	\$ 750.00	\$ -	\$ 750.00	\$ 750.00
Part Number	Labor	Quantity	Material Price	Labor Cost	Unit Price	Ext.Price
N/A	Labor for completing the stated Scope of Work	112	\$ -	\$ 75.00	\$ 75.00	\$ 8,400.00
N/A	Project Management and Handeling Charges	6	\$ -	\$ 75.00	\$ 75.00	\$ 450.00

Total: Equipment \$ 9,358.40

Total: Labor \$ 8,850.00

\$ 18,208.40

Transportation Elementary

Equipment and Labor

Part Number	Materials	Quantity	Material Price	Labor Cost	Unit Price	Ext.Price
7131800	Panduit Cat 6 U/UTP 4-pair plenum cable (blue) (per ft)	4000	\$ 0.43	\$ -	\$ 0.43	\$ 1,728.00
NK6TMBU	Panduit Mini-com Cat 6 unshielded jack (blue)	40	\$ 9.96	\$ -	\$ 9.96	\$ 398.40
CFPL2WHY	Panduit Mini-com 2-port faceplate (white)	20	\$ 3.35	\$ -	\$ 3.35	\$ 66.96
CMBWH-X	Panduit Mini-com blanks (white)	20	\$ 0.46	\$ -	\$ 0.46	\$ 9.12
WM-2000	Wiremold V 2000 Drop Down Package	0	\$ 180.00	\$ -	\$ 180.00	\$ -
Part Number	IDF/MDF room Buildout	Quantity	Material Price	Labor Cost	Unit Price	Ext.Price
CP48BLY	Panduit Mini-com 48-port unshielded modular flat patch panel, 2RU (black)	1	\$ 123.16	\$ -	\$ 123.16	\$ 123.16
WMP1E	Panduit PatchLink 2U horizontal cable manager (dual-sided) (black)	1	\$ 99.76	\$ -	\$ 99.76	\$ 99.76
SRB19BLY	Panduit strain relief bar	1	\$ 25.36	\$ -	\$ 25.36	\$ 25.36
10506-706	Chatsworth elevation kit for rack	1	\$ 60.40	\$ -	\$ 60.40	\$ 60.40
10595-712	Chatsworth rack to runway mounting plate	1	\$ 56.38	\$ -	\$ 56.38	\$ 56.38
10250-712	Chatsworth 12" W ladder rack	1	\$ 162.23	\$ -	\$ 162.23	\$ 162.23
12100-712	Chatsworth 12" W radius drop	1	\$ 46.84	\$ -	\$ 46.84	\$ 46.84
11421-712	Chatsworth 12" W wall angle kit	3	\$ 37.46	\$ -	\$ 37.46	\$ 112.39
11302-701	Chatsworth Junction splice kit	1	\$ 15.77	\$ -	\$ 15.77	\$ 15.77
10642-001	Chatsworth end cap	4	\$ 10.91	\$ -	\$ 10.91	\$ 43.63
PC6SL01-BLUE	Cat 6 patch cord, 1 ft (blue)	20	\$ 3.00	\$ -	\$ 3.00	\$ 60.00
PC6SL06-BLUE	Cat 6 patch cord, 6 ft (blue)	20	\$ 4.20	\$ -	\$ 4.20	\$ 84.00
Part Number	Grounding kit	Quantity	Material Price	Labor Cost	Unit Price	Ext.Price
6G-0601-04	#6 AWG green insulated grounding wire	100	\$ 1.07	\$ -	\$ 1.07	\$ 106.80
40162-901	Chatsworth .625" hole spacing two hole compression lug	12	\$ 11.80	\$ -	\$ 11.80	\$ 141.55
40162-903	Chatsworth 1" hole spacing two hole compression lug	6	\$ 13.30	\$ -	\$ 13.30	\$ 79.78
10610-019	Chatsworth horizontal rack mount ground bar kit	1	\$ 95.65	\$ -	\$ 95.65	\$ 95.65
40166-801	Chatsworth Antioxidant Joint Compound (gray)	1	\$ 25.25	\$ -	\$ 25.25	\$ 25.25
CNB4K	Panduit bonding cage nut and bonding screw (kit includes (4) 12-24 bonding cage nut and (4) 12-24 bonding screws) (green)	3	\$ 18.85	\$ -	\$ 18.85	\$ 56.56
Part Number	Supporting Materials	Quantity	Material Price	Labor Cost	Unit Price	Ext.Price
SSP100	Firestop putty	6	\$ 37.12	\$ -	\$ 37.12	\$ 222.70
SSS100	STI Fire barrier sealant	3	\$ 21.29	\$ -	\$ 21.29	\$ 63.86
ICCMSJHW44	ICC 2" Batwing J-hook	50	\$ 3.76	\$ -	\$ 3.76	\$ 187.80
ICCMSJHW55	ICC 4" Batwing J-hook	50	\$ 5.45	\$ -	\$ 5.45	\$ 272.40
1700-1PK-BB40	3M Electric tapes	3	\$ 3.58	\$ -	\$ 3.58	\$ 10.73

30987	3/4" Velcro (75ft)	1	\$ 32.88	\$ -	\$ 32.88	\$ 32.88
PLT3I-C	Panduit Tie wraps (100/bag)	3	\$ 32.54	\$ -	\$ 32.54	\$ 97.63
N/A	Labeling kits	1	\$ 180.00	\$ -	\$ 180.00	\$ 180.00
N/A	Miscellaneous cost	1	\$ 350.00	\$ -	\$ 350.00	\$ 350.00
Part Number	Labor	Quantity	Material Price	Labor Cost	Unit Price	Ext.Price
N/A	Labor for completing the stated Scope of Work	78	\$ -	\$ 75.00	\$ 75.00	\$ 5,850.00
N/A	Project Management and Handling Charges	4	\$ -	\$ 75.00	\$ 75.00	\$ 300.00

Total: Equipment	\$ 5,015.96
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Total: Labor	\$ 6,150.00
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\$ 11,165.96
