

Attachment II

### USAC APPEAL of RFCDL

**Appellant:** John Hughes IV, New Hope Technology Foundation

**Applicant:** Falls Lake Academy (BEN 16072416)

**Service Provider:** Immex Group (SPIN 143047906)

**471#:** 171039111

**FRN#:** 1799088112

**Commitment Adjustment Letter:** Attachment "F"

I wish to appeal the decision to rescind \$42,121.00 in approved funding from Falls Lake Academy for failing to choose the most cost effective solution. Please see time line below which led to applicant making a clerical error in the review process for a split of an FRN/SPIN change.

05/10/17- Form 471# 171039111 (attachment G) is filed and certified by Ashley Merritt (Financial and Data Manager). FRN #1799088112 is filed and references NC DPI consortia 470#

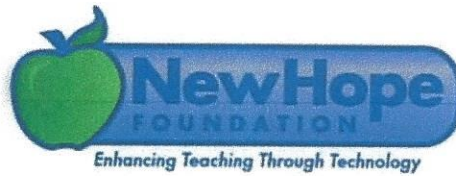
855450001286650 & contract # NC10WWIF110. The award was made using the awarded vendors who are able to provide service with the sole criteria on the mini bid of price of eligible goods and services. (See attachment "H")

9/1/17- FCDL issued and approved as submitted

6/26/18- Amy Hobgood (Executive Director) takes E-Rate over from Amy Hobgood (Amy is no longer employed by Falls Lake) and files a SPIN change (attachment "I") requesting that the FRN be split between A3 and Immex as was indicated in the "model #" on line items 6 & 7 of the FRN. Amy Hobgood supplies a mini bid (attachment "J") as supporting documentation. The supplied mini bid was a template supplied by the NC DPI and was not reflective of the decision process. It also did not accurately reflect the pricing on the DPI contract. It was filed as a supporting document as a result of confusion surrounding the change in E-Rate administrators at Falls Lake.

Attachment "J" was a template and did not accurately reflect DPI pricing. This can be seen comparing the price of eligible services between CNIC (see attachment "A") and Immex (see attachment "B") With Immex offering 59% discounts on Cisco/Meraki and CNIC only offering 30%, Immex should have received the most points. The template gave CNIC the most points. When making the purchasing decision, Falls Lake used price and the only factor and correctly awarded the contract to Immex as stated on the Form #471.

The same situation applies to the cabling portion of the Form 471. The template has CNIC as the awarded vendor with lowest cost of eligible services. The school used price of eligible services as the sole factor and correctly awarded contract to A3. Please see attachments "C", "D", & "E" for cabling pricing on the DPI contract.



10/3/18- USAC issues a Commitment Adjustment Letter rescinding the funding committed (see attachment "F")

#### Facts to Consider

Documentation from the NCDPI supports the awards made on the Form 471 and confirm that Falls Lake submitted a Mini Bid which was incorrect and did not reflect their decision making process, The error was clerical in nature and was the result of confusion that existed as the role of E-Rate Administrator shifted as a result of employee turnover.

The actual vendor selection resulted in both the best value and lowest cost of service.

#### Remedy Requested

The funding of \$42,121 should be restored and the FRN should be split as requested in attachment "I"

Attachment A

CNIC, Inc. DPI Contract NC10WIF106  
Section IV Cost Proposal  
Meraki Wireless Price List for 2017 E-Rate Funding Year

Section IV	Item	Description	List Price	Discount % from MSRP	E-Rate DPI Pricing
1b	AC-MR-1-US	Meraki AC Adapter for MR Wireless Access Points (US Plug)	\$ 29.00	30%	\$ 20.30
1b	ANT-10	Meraki 5/7 dBi, Dual Band Omni Antennas, N-type, Set of 2	\$ 99.00	30%	\$ 69.30
1b	ANT-11	Meraki 14dBi, 5 GHz Sector Antenna, MIMO, N-type	\$ 149.00	30%	\$ 104.30
1b	ANT-13	Meraki 11dBi, 2.4 GHz Sector Antenna, MIMO, N-type	\$ 149.00	30%	\$ 104.30
1b	FAN-MS420-R	Meraki MS420 front-to-back fan	\$ 250.00	30%	\$ 175.00
1b	IM-2-SFP-10GB	Meraki 2 x 10 GbE SFP+ Interface Module for MX400 and MX600	\$ 3,999.00	30%	\$ 2,799.30
1b	IM-8-CU-1GB	Meraki 8 x 1 GbE Copper Interface Module for MX400 and MX600	\$ 3,999.00	30%	\$ 2,799.30
1b	IM-8-SFP-1GB	Meraki 8 x 1 GbE SFP Interface Module for MX400 and MX600	\$ 4,999.00	30%	\$ 3,499.30
1b	LIC-ENT-10YR	Meraki MR Enterprise License, 10 Years	\$ 900.00	30%	\$ 630.00
1b	LIC-ENT-1YR	Meraki MR Enterprise License, 1 Year	\$ 150.00	30%	\$ 105.00
1b	LIC-ENT-3YR	Meraki MR Enterprise License, 3 Years	\$ 300.00	30%	\$ 210.00
1b	LIC-ENT-5YR	Meraki MR Enterprise License, 5 Years	\$ 450.00	30%	\$ 315.00
1b	LIC-ENT-7YR	Meraki MR Enterprise License, 7 Years	\$ 630.00	30%	\$ 441.00
1b	LIC-MC-10YR	Meraki MC Enterprise License and Support, 10 Years	\$ 900.00	30%	\$ 630.00
1b	LIC-MC-1YR	Meraki MC Enterprise License and Support, 1 Year	\$ 150.00	30%	\$ 105.00
1b	LIC-MC-3YR	Meraki MC Enterprise License and Support, 3 Years	\$ 300.00	30%	\$ 210.00

1b	LIC-MC-5YR	Meraki MC Enterprise License and Support, 5 Years	\$	450.00	30%	\$	315.00
1b	LIC-MC-7YR	Meraki MC Enterprise License and Support, 7 Years	\$	630.00	30%	\$	441.00
1b	LIC-MS220-24-10YR	Meraki MS220-24 Enterprise License and Support, 10 Year	\$	600.00	30%	\$	420.00
1b	LIC-MS220-24-1YR	Meraki MS220-24 Enterprise License and Support, 1 Year	\$	120.00	30%	\$	84.00
1b	LIC-MS220-24-3YR	Meraki MS220-24 Enterprise License and Support, 3 Year	\$	240.00	30%	\$	168.00
1b	LIC-MS220-24-5YR	Meraki MS220-24 Enterprise License and Support, 5 Year	\$	360.00	30%	\$	252.00
1b	LIC-MS220-24-7YR	Meraki MS220-24 Enterprise License and Support, 7 Year	\$	480.00	30%	\$	336.00
1b	LIC-MS220-24P-10YR	Meraki MS220-24P Enterprise License and Support, 10 Year	\$	800.00	30%	\$	560.00
1b	LIC-MS220-24P-1YR	Meraki MS220-24P Enterprise License and Support, 1 Year	\$	160.00	30%	\$	112.00
1b	LIC-MS220-24P-3YR	Meraki MS220-24P Enterprise License and Support, 3 Year	\$	320.00	30%	\$	224.00
1b	LIC-MS220-24P-5YR	Meraki MS220-24P Enterprise License and Support, 5 Year	\$	480.00	30%	\$	336.00
1b	LIC-MS220-24P-7YR	Meraki MS220-24P Enterprise License and Support, 7 Year	\$	640.00	30%	\$	448.00
1b	LIC-MS220-48-10YR	Meraki MS220-48 Enterprise License and Support, 10 Year	\$	1,050.00	30%	\$	735.00
1b	LIC-MS220-48-1YR	Meraki MS220-48 Enterprise License and Support, 1 Year	\$	210.00	30%	\$	147.00
1b	LIC-MS220-48-3YR	Meraki MS220-48 Enterprise License and Support, 3 Year	\$	420.00	30%	\$	294.00
1b	LIC-MS220-48-5YR	Meraki MS220-48 Enterprise License and Support, 5 Year	\$	630.00	30%	\$	441.00
1b	LIC-MS220-48-7YR	Meraki MS220-48 Enterprise License and Support, 7 Year	\$	840.00	30%	\$	588.00
1b	LIC-MS220-48FP-10Y	Meraki MS220-48FP Enterprise License and Support, 10 Year	\$	1,650.00	30%	\$	1,155.00
1b	LIC-MS220-48FP-1YR	Meraki MS220-48FP Enterprise License and Support, 1 Year	\$	330.00	30%	\$	231.00
1b	LIC-MS220-48FP-3YR	Meraki MS220-48FP Enterprise License and Support, 3 Year	\$	660.00	30%	\$	462.00

LN	DESCRIPTION	UNIT PRICE	QUANTITY	TOTAL
1b	LIC-MS220-48FP-7YR Meraki MS220-48FP Enterprise License and Support, 7 Year	\$ 1,320.00	30%	\$ 924.00
1b	LIC-MS220-48LP-10Y Meraki MS220-48LP Enterprise License and Support, 10 Year	\$ 1,400.00	30%	\$ 980.00
1b	LIC-MS220-48LP-1YR Meraki MS220-48LP Enterprise License and Support, 1 Year	\$ 280.00	30%	\$ 196.00
1b	LIC-MS220-48LP-3YR Meraki MS220-48LP Enterprise License and Support, 3 Year	\$ 560.00	30%	\$ 392.00
1b	LIC-MS220-48LP-5YR Meraki MS220-48LP Enterprise License and Support, 5 Year	\$ 840.00	30%	\$ 588.00
1b	LIC-MS220-48LP-7YR Meraki MS220-48LP Enterprise License and Support, 7 Year	\$ 1,120.00	30%	\$ 784.00
1b	LIC-MS220-8-10YR Meraki MS220-8 Enterprise License and Support, 10 Year	\$ 275.00	30%	\$ 192.50
1b	LIC-MS220-8-1YR Meraki MS220-8 Enterprise License and Support, 1 Year	\$ 55.00	30%	\$ 38.50
1b	LIC-MS220-8-3YR Meraki MS220-8 Enterprise License and Support, 3 Year	\$ 110.00	30%	\$ 77.00
1b	LIC-MS220-8-5YR Meraki MS220-8 Enterprise License and Support, 5 Year	\$ 165.00	30%	\$ 115.50
1b	LIC-MS220-8-7YR Meraki MS220-8 Enterprise License and Support, 7 Year	\$ 220.00	30%	\$ 154.00
1b	LIC-MS220-8P-10YR Meraki MS220-8P Enterprise License and Support, 10 Year	\$ 350.00	30%	\$ 245.00
1b	LIC-MS220-8P-1YR Meraki MS220-8P Enterprise License and Support, 1 Year	\$ 70.00	30%	\$ 49.00
1b	LIC-MS220-8P-3YR Meraki MS220-8P Enterprise License and Support, 3 Year	\$ 140.00	30%	\$ 98.00
1b	LIC-MS220-8P-5YR Meraki MS220-8P Enterprise License and Support, 5 Year	\$ 210.00	30%	\$ 147.00
1b	LIC-MS220-8P-7YR Meraki MS220-8P Enterprise License and Support, 7 Year	\$ 280.00	30%	\$ 196.00
1b	LIC-MS22-10YR Meraki MS22 Enterprise License and Support, 10 Year	\$ 1,200.00	30%	\$ 840.00
1b	LIC-MS22-1YR Meraki MS22 Enterprise License and Support, 1 Year	\$ 200.00	30%	\$ 140.00
1b	LIC-MS22-3YR Meraki MS22 Enterprise License and Support, 3 Year	\$ 400.00	30%	\$ 280.00
1b	LIC-MS225-24-10YR Meraki MS225-24 Enterprise License and Support, 10 Year	\$ 600.00	30%	\$ 420.00

ImmixGroup, Inc.

Contract # NC10WIF110

Apr-16

Attachment B

Part Number	Description	Unit List Price	Discount	Unit Net Price
EDU-C2960X-24PD-L	Catalyst 2960-X 24 GIGE POE 370W, 2 x 10G SFP+, LAN Base K12	\$4,595.00	59.00%	\$1,883.95
CAB-16AWG-AC	AC Power cord, 16AWG	\$0.00		
EDU-C2960X-24PS-L	Catalyst 2960-X 24 GIGE POE K12	\$3,195.00	59.00%	\$1,309.95
CAB-16AWG-AC	AC Power cord, 16AWG	\$0.00		
EDU-C2960X-48FPD-L	Catalyst 2960-X 48 GIGE POE 740W, 2 x 10G SFP+, LAN Base K12	\$7,995.00	59.00%	\$3,277.95
CAB-16AWG-AC	AC Power cord, 16AWG	\$0.00		
EDU-C2960X-48FPS-L	Catalyst 2960-X 48 GIGE POE 740W, 4 x 1G SFP, LAN Base K12	\$6,595.00	59.00%	\$2,703.95
CAB-16AWG-AC	AC Power cord, 16AWG	\$0.00		
WS-C2960X-24TS-LL	WS-C2960X-24TS-LL	\$1,895.00	59.00%	\$776.95
CAB-16AWG-AC	CAB-16AWG-AC	\$0.00		
WS-C2960X-48TS-LL	WS-C2960X-48TS-LL	\$3,395.00	59.00%	\$1,391.95
CAB-16AWG-AC	CAB-16AWG-AC	\$0.00		
EDU-C3850-24P-L	Cisco Catalyst 3850 24 Port PoE LAN Base K12	\$6,000.00	59.00%	\$2,460.00
CAB-TA-NA	North America AC Type A Power Cable	\$0.00		
STACK-T1-50CM	50CM Type 1 Stacking Cable	\$0.00		
PWR-C1-BLANK	Config 1 Power Supply Blank	\$0.00		
PWR-C1-715WAC	715W AC Config 1 Power Supply	\$0.00		
C3850-NM-BLANK	Cisco Catalyst 3850 Network Module Blank	\$0.00		
S3850ULPEK9-37E	CAT3850 LDPE Universal K9 Image	\$0.00		
EDU-C3850-24P-S	Cisco Catalyst 3850 24 Port PoE IP Base K12	\$7,300.00	59.00%	\$2,993.00
S3850UK9-32-0SE	CAT3850 UNIVERSAL	\$0.00		
CAB-TA-NA	North America AC Type A Power Cable	\$0.00		
STACK-T1-50CM	50CM Type 1 Stacking Cable	\$0.00		
CAB-SPWR-30CM	Catalyst 3750X and 3850 Stack Power Cable 30 CM	\$0.00		
PWR-C1-BLANK	Config 1 Power Supply Blank	\$0.00		
PWR-C1-715WAC	715W AC Config 1 Power Supply	\$0.00		
C3850-NM-BLANK	Cisco Catalyst 3850 Network Module Blank	\$0.00		
EDU-C3850-24U-L	Cisco Catalyst 3850 24 Port UPOE LAN Base K12	\$6,500.00	59.00%	\$2,665.00
S3850UK9-37E	CAT3850 Universal K9 Image	\$0.00		
CAB-TA-NA	North America AC Type A Power Cable	\$0.00		

E28

31AUN-11-30C/1	30C/1 Type 1 Stacking Cable	\$0.00		
PWR-C1-BLANK	Config 1 Power Supply Blank	\$0.00		
PWR-C1-1100WAC	1100W AC Config 1 Power Supply	\$0.00		
C3850-NM-BLANK	Cisco Catalyst 3850 Network Module Blank	\$0.00		
<b>EDU-C3850-48F-L</b>	<b>Cisco Catalyst 3850 48 Port Full PoE LAN Base K12</b>	<b>\$11,400.00</b>	<b>59.00%</b>	<b>\$4,674.00</b>
S3850UK9-32-0SE	CAT3850 UNIVERSAL	\$0.00		
CAB-TA-NA	North America AC Type A Power Cable	\$0.00		
STACK-T1-50CM	50CM Type 1 Stacking Cable	\$0.00		
PWR-C1-BLANK	Config 1 Power Supply Blank	\$0.00		
PWR-C1-1100WAC	1100W AC Config 1 Power Supply	\$0.00		
C3850-NM-BLANK	Cisco Catalyst 3850 Network Module Blank	\$0.00		
<b>EDU-C3850-48F-S</b>	<b>Cisco Catalyst 3850 48 Port Full PoE IP Base for K12</b>	<b>\$14,000.00</b>	<b>59.00%</b>	<b>\$5,740.00</b>
S3850UK9-37E	CAT3850 Universal k9 image	\$0.00		
CAB-TA-NA	North America AC Type A Power Cable	\$0.00		
STACK-T1-50CM	50CM Type 1 Stacking Cable	\$0.00		
CAB-SPWR-30CM	Catalyst 3750X and 3850 Stack Power Cable 30 CM	\$0.00		
PWR-C1-BLANK	Config 1 Power Supply Blank	\$0.00		
PWR-C1-1100WAC	1100W AC Config 1 Power Supply	\$0.00		
C3850-NM-BLANK	Cisco Catalyst 3850 Network Module Blank	\$0.00		
<b>EDU-C3850-48P-L</b>	<b>Cisco Catalyst 3850 48 Port PoE LAN Base K12</b>	<b>\$10,400.00</b>	<b>59.00%</b>	<b>\$4,264.00</b>
S3850UK9-32-0SE	CAT3850 UNIVERSAL	\$0.00		
CAB-TA-NA	North America AC Type A Power Cable	\$0.00		
STACK-T1-50CM	50CM Type 1 Stacking Cable	\$0.00		
PWR-C1-BLANK	Config 1 Power Supply Blank	\$0.00		
PWR-C1-715WAC	715W AC Config 1 Power Supply	\$0.00		
C3850-NM-BLANK	Cisco Catalyst 3850 Network Module Blank	\$0.00		
<b>EDU-C3850-48P-S</b>	<b>Cisco Catalyst 3850 48 Port Full PoE IP Base for K12</b>	<b>\$13,000.00</b>	<b>59.00%</b>	<b>\$5,330.00</b>
S3850UK9-37E	CAT3850 Universal k9 image	\$0.00		
CAB-TA-NA	North America AC Type A Power Cable	\$0.00		
STACK-T1-50CM	50CM Type 1 Stacking Cable	\$0.00		
CAB-SPWR-30CM	Catalyst 3750X and 3850 Stack Power Cable 30 CM	\$0.00		
PWR-C1-BLANK	Config 1 Power Supply Blank	\$0.00		
PWR-C1-715WAC	715W AC Config 1 Power Supply	\$0.00		
C3850-NM-BLANK	Cisco Catalyst 3850 Network Module Blank	\$0.00		
<b>EDU-C3850-48PW-S</b>	<b>Cisco Catalyst 3850 48 Port Full PoE w/ 5 AP license IPB K12</b>	<b>\$14,500.00</b>	<b>59.00%</b>	<b>\$5,945.00</b>
S3850UK9-33SE	CAT3850 Universal k9 image	\$0.00		

CAB-TA-NA	North America AC Type A Power Cable	\$0.00		
STACK-T1-50CM	50CM Type 1 Stacking Cable	\$0.00		
CAB-SPWR-30CM	Catalyst 3750X and 3850 Stack Power Cable 30 CM	\$0.00		
PWR-C1-BLANK	Config 1 Power Supply Blank	\$0.00		
PWR-C1-1100WAC	1100W AC Config 1 Power Supply	\$0.00		
LIC-CTIOS-1A	AP adder license for IOS based Wireless LAN Controllers	\$0.00		
C3850-NM-BLANK	Cisco Catalyst 3850 Network Module Blank	\$0.00		
<b>EDU-C3850-48U-L</b>	<b>Cisco Catalyst 3850 48 Port UPOE LAN Base for K12</b>	<b>\$11,400.00</b>	<b>59.00%</b>	<b>\$4,674.00</b>
S3850UK9-37E	CAT3850 Universal k9 Image	\$0.00		
CAB-TA-NA	North America AC Type A Power Cable	\$0.00		
STACK-T1-50CM	50CM Type 1 Stacking Cable	\$0.00		
PWR-C1-BLANK	Config 1 Power Supply Blank	\$0.00		
PWR-C1-1100WAC	1100W AC Config 1 Power Supply	\$0.00		
C3850-NM-BLANK	Cisco Catalyst 3850 Network Module Blank	\$0.00		
<b>EDU-C3850-48U-S</b>	<b>Cisco Catalyst 3850 48 Port UPOE IP Base for K12</b>	<b>\$14,000.00</b>	<b>59.00%</b>	<b>\$5,740.00</b>
S3850UK9-33SE	CAT3850 Universal k9 Image	\$0.00		
CAB-TA-NA	North America AC Type A Power Cable	\$0.00		
STACK-T1-50CM	50CM Type 1 Stacking Cable	\$0.00		
CAB-SPWR-30CM	Catalyst 3750X and 3850 Stack Power Cable 30 CM	\$0.00		
PWR-C1-BLANK	Config 1 Power Supply Blank	\$0.00		
PWR-C1-1100WAC	1100W AC Config 1 Power Supply	\$0.00		
C3850-NM-BLANK	Cisco Catalyst 3850 Network Module Blank	\$0.00		
<b>WS-C3850-12S-S</b>	<b>Cisco Catalyst 3850 12 Port GE SFP IP Base</b>	<b>\$10,000.00</b>	<b>59.00%</b>	<b>\$4,100.00</b>
S3850UK9-37E	CAT3850 Universal k9 Image	\$0.00		
CAB-TA-NA	North America AC Type A Power Cable	\$0.00		
STACK-T1-50CM	50CM Type 1 Stacking Cable	\$0.00		
CAB-SPWR-30CM	Catalyst 3750X and 3850 Stack Power Cable 30 CM	\$0.00		
PWR-C1-BLANK	Config 1 Power Supply Blank	\$0.00		
PWR-C1-350WAC	350W AC Config 1 Power Supply	\$0.00		
C3850-NM-BLANK	Cisco Catalyst 3850 Network Module Blank	\$0.00		
<b>WS-C3850-12S-E</b>	<b>Cisco Catalyst 3850 12 Port GE SFP IP Services</b>	<b>\$12,000.00</b>	<b>59.00%</b>	<b>\$4,920.00</b>
S3850UK9-37E	CAT3850 Universal k9 Image	\$0.00		
CAB-TA-NA	North America AC Type A Power Cable	\$0.00		
STACK-T1-50CM	50CM Type 1 Stacking Cable	\$0.00		
CAB-SPWR-30CM	Catalyst 3750X and 3850 Stack Power Cable 30 CM	\$0.00		
PWR-C1-BLANK	Config 1 Power Supply Blank	\$0.00		

Attachment C

# CABLING

Unit Items	Max State Contract Price	A3 Discounted Price*
<b>Category 6A Unit Runs - Plenum</b>		
Single Category 6A UTP 4 Pair Unit Run - Plenum	\$230.00	\$207.00
Dual Category 6A Unit (2 to same faceplate) - Plenum	\$391.00	\$351.90
Triple Category 6A Unit (3 to same faceplate) - Plenum	\$546.25	\$491.63
Quad Category 6A Unit (4 to same faceplate) - Plenum	\$695.75	\$626.18
6 Outlet Category 6A Unit (6 to same faceplate) - Plenum	\$845.25	\$760.73
<b>Category 6A Unit Runs - Non-Plenum</b>		
Single Category 6A UTP 4 Pair Unit Run	\$172.50	\$155.25
Dual Category 6A Unit (2 to same faceplate)	\$276.00	\$248.40
Triple Category 6A Unit (3 to same faceplate)	\$373.75	\$336.38
Quad Category 6A Unit (4 to same faceplate)	\$465.75	\$419.18
6 Outlet Category 6A Unit (6 to same faceplate)	\$586.50	\$527.85
<b>Category 6A Patch Panels</b>		
24 Port RJ45 Category 6A Patch Panel Rack Mounted	\$258.75	\$232.88
48 Port RJ45 Category 6A Patch Panel Rack Mounted	\$402.50	\$362.25
<b>Category 6A Patch Cords</b>		
3 Foot RJ45 to RJ45 Category 6A	\$11.04	\$9.94
5 Foot RJ45 to RJ45 Category 6A	\$13.11	\$11.80
7 Foot RJ45 to RJ45 Category 6A	\$16.22	\$14.59
10 Foot RJ45 to RJ45 Category 6A	\$20.93	\$18.84
14 Foot RJ45 to RJ45 Category 6A	\$27.03	\$24.32
14 Foot RJ45 to RJ45 Category 6A Crossover Cable	\$28.75	\$25.88
<b>Category 6A Components</b>		
Category 6A Cable Plenum - installed per foot	\$1.44	\$1.29
Category 6A Cable Non-Plenum - installed per foot	\$1.15	\$1.04
Category 6A Keystone Jack - installed	\$13.80	\$12.42
Category 6A RJ-45 Modular Pug - installed	\$6.90	\$6.21
<b>Category 6 Unit Runs - Plenum</b>		
Single Category 6 UTP 4 Pair Unit Run - Plenum	\$138.00	\$124.20
Dual Category 6 Unit (2 to same faceplate) - Plenum	\$216.20	\$194.58
Triple Category 6 Unit (3 to same faceplate) - Plenum	\$293.25	\$263.93
Quad Category 6 Unit (4 to same faceplate) - Plenum	\$378.35	\$340.52
6 Outlet Category 6 Unit (6 to same faceplate) - Plenum	\$448.50	\$403.65
<b>Category 6 Unit Runs - Non-Plenum</b>		

Single Category 6 UTP 4 Pair Unit Run	\$115.00	\$103.50
Dual Category 6 Unit (2 to same faceplate)	\$169.05	\$152.15
Triple Category 6 Unit (3 to same faceplate)	\$236.90	\$213.21
Quad Category 6 Unit (4 to same faceplate)	\$287.50	\$258.75
6 Outlet Category 6 Unit (6 to same faceplate)	\$356.50	\$320.85

#### Category 6 Patch Panels

24 Port RJ45 Category 6 Patch Panel Rack Mounted	\$178.25	\$160.43
48 Port RJ45 Category 6 Patch Panel Rack Mounted	\$322.00	\$289.80

#### Category 6 Patch Cords

3 Foot RJ45 to RJ45 Category 6	\$5.64	\$5.07
5 Foot RJ45 to RJ45 Category 6	\$6.56	\$5.90
7 Foot RJ45 to RJ45 Category 6	\$7.42	\$6.68
10 Foot RJ45 to RJ45 Category 6	\$8.63	\$7.76
14 Foot RJ45 to RJ45 Category 6	\$10.41	\$9.37
14 Foot RJ45 to RJ45 Category 6 Crossover Cable	\$11.50	\$10.35

#### Category 6 Components

Category 6 Cable Plenum - installed per foot	\$0.86	\$0.78
Category 6 Cable Non-Plenum - installed per foot	\$0.81	\$0.72
Category 6 Keystone Jack - installed	\$9.78	\$8.80
Category 6 RJ-45 Modular Plug - installed	\$5.75	\$5.18
Category 6 Flooded Outdoor Cable - installed per foot	\$1.55	\$1.40
Category 6 4-pair 100/1000 Base-T POE Surge Protector	\$142.60	\$128.34

#### Category 5e Unit Runs - Plenum

Single Category 5e UTP 4 Pair Unit Run - Plenum	\$119.60	\$107.64
Dual Category 5e Unit (2 to same faceplate) - Plenum	\$175.95	\$158.36
Triple Category 5e Unit (3 to same faceplate) - Plenum	\$226.55	\$203.90
Quad Category 5e Unit (4 to same faceplate) - Plenum	\$299.00	\$269.10
6 Outlet Category 5e Unit (6 to same faceplate) - Plenum	\$354.20	\$318.78

#### Category 5e Unit Runs - Non-Plenum

Single Category 5e UTP 4 Pair Unit Run	\$96.60	\$86.94
Dual Category 5e Unit (2 to same faceplate)	\$131.10	\$117.99
Triple Category 5e Unit (3 to same faceplate)	\$172.50	\$155.25
Quad Category 5e Unit (4 to same faceplate)	\$212.75	\$191.48
6 Outlet Category 5e Unit (6 to same faceplate)	\$250.70	\$225.63

#### Category 5e Patch Panels

24 Port RJ45 Category 5e Patch Panel Rack Mounted	\$138.00	\$124.20
48 Port RJ45 Category 5e Patch Panel Rack Mounted	\$235.75	\$212.18

#### Category 5e Patch Cords

3 Foot RJ45 to RJ45 Category 5e	\$3.97	\$3.57
5 Foot RJ45 to RJ45 Category 5e	\$4.54	\$4.09
7 Foot RJ45 to RJ45 Category 5e	\$5.12	\$4.61
10 Foot RJ45 to RJ45 Category 5e	\$5.58	\$5.02

14 Foot RJ45 to RJ45 Category 5e	\$7.82	\$7.04
14 Foot RJ45 to RJ45 Category 5e Crossover Cable	\$7.59	\$6.83

#### Category 5e Components

Category 5e Cable Plenum - installed per foot	\$0.81	\$0.72
Category 5e Cable Non-Plenum - installed per foot	\$0.69	\$0.62
Category 5e Keystone Jack - installed	\$9.49	\$8.54
Category 5e RJ-45 Modular Plug - installed	\$5.75	\$5.18
Category 5e Flooded Outdoor Cable - installed per foot	\$1.44	\$1.29
Category 5e 4-pair 100/1000 Base-T POE Surge Protector	\$116.15	\$104.54

#### Coax Unit Runs

Single RG 6 Video Coax Unit Quad Shield - Plenum	\$179.40	\$161.46
Single RG 6 Video Coax Unit Quad Shield - Non-Plenum	\$121.90	\$109.71
Single RG 11 Video Coax Unit Quad Shield - Plenum	\$271.40	\$244.26
Single RG 11 Video Coax Unit Quad Shield - Non-Plenum	\$179.40	\$161.46

#### Coax Components

RG 6 Coax Quad Shield - Plenum -Installed per foot	\$1.15	\$1.04
RG 6 Coax Quad Shield - Non-Plenum -Installed per foot	\$0.86	\$0.78
RG 6 F-Connector - installed	\$4.60	\$4.14
RG 6 Faceplate with F-Connector Barrel - installed	\$6.90	\$6.21
RG 11 Coax Quad Shield - Plenum -Installed per foot	\$1.61	\$1.45
RG 11 Coax Quad Shield - Non-Plenum -Installed per foot	\$1.15	\$1.04
RG 11 F-Connector - installed	\$5.75	\$5.18

#### Innerduct

1 Inch Plenum Corrugated Innerduct with Pull String Installed per Foot	\$3.28	\$2.95
1 Inch Non-Plenum Corrugated Innerduct with Pull String Installed per Foot	\$1.90	\$1.71
2 Inch Plenum Corrugated Innerduct with Pull String Installed per Foot	\$5.75	\$5.18
2 Inch Non-Plenum Corrugated Innerduct with Pull String Installed per Foot	\$3.45	\$3.11

#### Fiber Optic Cable Installation - Plenum

6 Strand MM Inside 62.5 Micron OFNP - Installed per Foot - Plenum	\$2.13	\$1.91
12 Strand MM Inside 62.5 Micron OFNP - Installed per Foot - Plenum	\$2.82	\$2.54
24 Strand MM Inside 62.5 Micron OFNP - Installed per Foot - Plenum	\$5.18	\$4.66
6 Strand MM Inside 50 Micron LOF OM3 OFNP - Installed per Foot - Plenum	\$2.36	\$2.12
12 Strand MM Inside 50 Micron LOF OM3 OFNP - Installed per Foot - Plenum	\$3.57	\$3.21
24 Strand MM Inside 50 Micron LOF OM3 OFNP - Installed per Foot - Plenum	\$6.50	\$5.85
6 Strand SM Inside Fiber OFNP - Installed per Foot - Plenum	\$1.61	\$1.45
12 Strand SM Inside Fiber - OFNP Installed per Foot - Plenum	\$2.13	\$1.91
24 Strand SM Inside Fiber - OFNP Installed per Foot - Plenum	\$3.45	\$3.11
6 Strand MM Inside 62.5 Micron Interlocking Armored OFCP - Installed per Foot - Plenum	\$3.51	\$3.16
12 Strand MM Inside 62.5 Micron Interlocking Armored OFCP - Installed per Foot - Plenum	\$4.14	\$3.73
24 Strand MM Inside 62.5 Micron Interlocking Armored OFCP - Installed per Foot - Plenum	\$6.79	\$6.11
6 Strand MM Inside 50 Micron LOF OM3 Interlocking Armored OFCP - Installed per Foot - Plenum	\$3.74	\$3.36
12 Strand MM Inside 50 Micron LOF OM3 Interlocking Armored OFCP - Installed per Foot - Plenum	\$4.83	\$4.35
24 Strand MM Inside 50 Micron LOF OM3 Interlocking Armored OFCP - Installed per Foot - Plenum	\$7.65	\$6.88
6 Strand SM Inside Fiber Interlocking Armored OFCP - Installed per Foot - Plenum	\$3.11	\$2.79

12 Strand SM Inside Fiber Interlocking Armored OFCP - Installed per Foot - Plenum	\$3.62	\$3.26
24 Strand SM Inside Fiber Interlocking Armored OFCP - Installed per Foot - Plenum	\$5.29	\$4.76

#### Fiber Optic Cable Installation - Non-Plenum

6 Strand MM Inside 62.5 Micron OFNR - Installed per foot	\$1.96	\$1.76
12 Strand MM Inside 62.5 Micron OFNR - Installed per Foot	\$2.76	\$2.48
24 Strand MM Inside 62.5 Micron OFNR - Installed per Foot	\$4.31	\$3.88
6 Strand MM Inside 50 Micron LOF OM3 OFNR - Installed per Foot	\$2.30	\$2.07
12 Strand MM Inside 50 Micron LOF OM3 OFNR - Installed per Foot	\$3.45	\$3.11
24 Strand MM Inside 50 Micron LOF OM3 OFNR - Installed per Foot	\$5.75	\$5.18
6 Strand SM Inside Fiber OFNR - Installed per Foot	\$1.55	\$1.40
12 Strand SM Inside Fiber OFNR - Installed per Foot	\$2.01	\$1.81
24 Strand SM Inside Fiber OFNR - Installed per Foot	\$2.65	\$2.38
6 Strand MM Inside 62.5 Micron Interlocking Armored OFCR - Installed per foot	\$2.88	\$2.59
12 Strand MM Inside 62.5 Micron Interlocking Armored OFCR - Installed per Foot	\$3.80	\$3.42
24 Strand MM Inside 62.5 Micron Interlocking Armored OFCR - Installed per Foot	\$6.15	\$5.54
6 Strand MM Inside 50 Micron LOF OM3 Interlocking Armored OFCR - Installed per Foot	\$3.22	\$2.90
12 Strand MM Inside 50 Micron LOF OM3 Interlocking Armored OFCR - Installed per Foot	\$4.60	\$4.14
24 Strand MM Inside 50 Micron LOF OM3 Interlocking Armored OFCR - Installed per Foot	\$7.13	\$6.42
6 Strand SM Inside Fiber Interlocking Armored OFCR - Installed per Foot	\$2.59	\$2.33
12 Strand SM Inside Fiber Interlocking Armored OFCR - Installed per Foot	\$3.28	\$2.95
24 Strand SM Inside Fiber Interlocking Armored OFCR - Installed per Foot	\$4.37	\$3.93

#### Fiber Optic Cable Installation - Indoor/Outdoor

6 Strand MM Indoor/Outdoor 62.5 Micron, Loose-Tube Plenum - Installed per foot	\$4.37	\$3.93
12 Strand MM Indoor/Outdoor 62.5 Micron, Loose-Tube Plenum - Installed per Foot	\$5.35	\$4.81
24 Strand MM Indoor/Outdoor 62.5 Micron, Loose-Tube Plenum - Installed per Foot	\$6.84	\$6.16
6 Strand MM Indoor/Outdoor 62.5 Micron, Loose-Tube Non-Plenum - Installed per foot	\$4.14	\$3.73
12 Strand MM Indoor/Outdoor 62.5 Micron, Loose-Tube Non-Plenum - Installed per Foot	\$4.72	\$4.24
24 Strand MM Indoor/Outdoor 62.5 Micron, Loose-Tube Non-Plenum - Installed per Foot	\$6.27	\$5.64
6 Strand MM Indoor/Outdoor 50 Micron LOF OM3, Loose-Tube Plenum - Installed per Foot	\$5.29	\$4.76
12 Strand MM Indoor/Outdoor 50 Micron LOF OM3, Loose-Tube Plenum - Installed per Foot	\$5.75	\$5.18
24 Strand MM Indoor/Outdoor 50 Micron LOF OM3, Loose-Tube Plenum - Installed per Foot	\$9.09	\$8.18
6 Strand MM Indoor/Outdoor 50 Micron LOF OM3, Loose-Tube Non-Plenum - Installed per Foot	\$4.60	\$4.14
12 Strand MM Indoor/Outdoor 50 Micron LOF OM3, Loose-Tube Non-Plenum - Installed per Foot	\$5.29	\$4.76
24 Strand MM Indoor/Outdoor 50 Micron LOF OM3, Loose-Tube Non-Plenum - Installed per Foot	\$6.61	\$5.95
6 Strand SM Indoor/Outdoor Fiber, Loose-Tube Plenum - Installed per Foot	\$3.97	\$3.57
12 Strand SM Indoor/Outdoor Fiber, Loose-Tube Plenum - Installed per Foot	\$4.14	\$3.73
24 Strand SM Indoor/Outdoor Fiber, Loose-Tube Plenum - Installed per Foot	\$4.60	\$4.14
6 Strand SM Indoor/Outdoor Fiber, Loose-Tube Non-Plenum - Installed per Foot	\$2.70	\$2.43
12 Strand SM Indoor/Outdoor Fiber, Loose-Tube Non-Plenum - Installed per Foot	\$2.76	\$2.48
24 Strand SM Indoor/Outdoor Fiber, Loose-Tube Non-Plenum - Installed per Foot	\$3.57	\$3.21

#### Fiber Optic Connectors

62.5 Micron MM ST Connector - Install, Terminate & Test	\$24.15	\$21.74
62.5 Micron MM SC Connector - Install, Terminate & Test	\$24.15	\$21.74
62.5 Micron MM LC Connector - Install, Terminate & Test	\$29.90	\$26.91
62.5 Micron MM MT-RJ Connector - Install, Terminate & Test	\$57.50	\$51.75
50 Micron MM LOF OM3 ST Connector - Install, Terminate & Test	\$28.75	\$25.88

50 Micron MM LOF OM3 SC Connector - Install, Terminate & Test	\$28.75	\$25.88
50 Micron MM LOF OM3 LC Connector - Install, Terminate & Test	\$29.90	\$26.91
50 Micron MM LOF OM3 MT-RJ Connector - Install, Terminate & Test	\$57.50	\$51.75
SM ST Connector - Install, Terminate & Test	\$31.05	\$27.95
SM SC Connector - Install, Terminate & Test	\$31.05	\$27.95
SM LC Connector - Install, Terminate & Test	\$32.20	\$28.98
SM MT-RJ Connector - Install, Terminate & Test	\$69.00	\$62.10

#### Fiber Optic Connector Panels

62.5 Micron MM 6 Fiber Connector Panel ST	\$39.10	\$35.19
62.5 Micron MM 6 Fiber Connector Panel SC	\$40.25	\$36.23
62.5 Micron MM 6 Fiber Connector Panel LC	\$52.90	\$47.61
62.5 Micron MM 6 Fiber Connector Panel MT-RJ	\$33.35	\$30.02
62.5 Micron MM 12 Fiber Connector Panel SC	\$64.40	\$57.96
62.5 Micron MM 12 Fiber Connector Panel LC	\$93.15	\$83.84
62.5 Micron MM 12 Fiber Connector Panel MT-RJ	\$83.55	\$75.19
62.5 Micron MM 24 Fiber Connector Panel LC	\$172.16	\$154.94
62.5 Micron MM 24 Fiber Connector Panel MT-RJ	\$92.00	\$82.80
50 Micron MM LOF OM3 6 Fiber Connector Panel ST	\$40.54	\$36.48
50 Micron MM LOF OM3 6 Fiber Connector Panel SC	\$48.30	\$43.47
50 Micron MM LOF OM3 6 Fiber Connector Panel LC	\$52.50	\$47.25
50 Micron MM LOF OM3 6 Fiber Connector Panel MT-RJ	\$33.35	\$30.02
50 Micron MM LOF OM3 12 Fiber Connector Panel SC	\$83.55	\$75.19
50 Micron MM LOF OM3 12 Fiber Connector Panel LC	\$92.40	\$83.16
50 Micron MM LOF OM3 12 Fiber Connector Panel MT-RJ	\$83.55	\$75.19
50 Micron MM LOF OM3 24 Fiber Connector Panel LC	\$172.16	\$154.94
50 Micron MM LOF OM3 24 Fiber Connector Panel MT-RJ	\$92.00	\$82.80
SM 6 Fiber Connector Panel ST	\$46.00	\$41.40
SM 6 Fiber Connector Panel SC	\$51.18	\$46.06
SM 6 Fiber Connector Panel LC	\$60.61	\$54.54
SM 6 Fiber Connector Panel MT-RJ	\$49.05	\$44.14
SM 12 Fiber Connector Panel SC	\$89.24	\$80.32
SM 12 Fiber Connector Panel LC	\$108.10	\$97.29
SM 12 Fiber Connector Panel MT-RJ	\$85.10	\$76.59
SM 24 Fiber Connector Panel LC	\$202.92	\$182.63
SM 24 Fiber Connector Panel MT-RJ	\$156.69	\$141.02

#### Fiber Optic Fan-Out Kits

6 Strand Fan-Out Kit	\$28.18	\$25.36
12 Strand Fan-out Kit	\$38.81	\$34.93

#### Fiber Optic Housings

Up to 12 Strand Fiber Optic Housing - Wall Mount	\$202.40	\$182.16
Up to 12 Strand Fiber Optic Housing - Rack Mount	\$242.65	\$218.39
Up to 24 Strand Fiber Optic Housing - Wall Mount	\$202.40	\$182.16
Up to 24 Strand Fiber Optic Housing - Rack Mount	\$297.85	\$268.07
Up to 48 Strand Fiber Optic Housing - Wall Mount	\$281.75	\$253.58
Up to 48 Strand Fiber Optic Housing - Rack Mount	\$297.85	\$268.07
Up to 96 Strand Fiber Optic Housing - Wall Mount	\$331.20	\$298.08

Up to 96 Strand Fiber Optic Housing - Rack Mount	\$369.15	\$332.24
Up to 144 Strand Fiber Optic Housing - Wall Mount	\$446.20	\$401.58
Up to 144 Strand Fiber Optic Housing - Rack Mount	\$369.15	\$332.24

#### Fiber Optic Patch Cords

62.5 Micron MM 1 Meter Duplex Patch Cord ST - ST	\$36.57	\$32.91
62.5 Micron MM 1 Meter Duplex Patch Cord ST - SC	\$36.57	\$32.91
62.5 Micron MM 1 Meter Duplex Patch Cord ST - LC	\$39.68	\$35.71
62.5 Micron MM 1 Meter Duplex Patch Cord ST - MT-RJ	\$49.22	\$44.30
62.5 Micron MM 1 Meter Duplex Patch Cord SC - SC	\$36.63	\$32.96
62.5 Micron MM 1 Meter Duplex Patch Cord SC - LC	\$39.68	\$35.71
62.5 Micron MM 1 Meter Duplex Patch Cord SC - MT-RJ	\$49.22	\$44.30
62.5 Micron MM 1 Meter Duplex Patch Cord LC - LC	\$42.78	\$38.50
62.5 Micron MM 1 Meter Duplex Patch Cord LC - MT-RJ	\$52.33	\$47.09
62.5 Micron MM 1 Meter Duplex Patch Cord MT-RJ - MT-RJ	\$47.21	\$42.49
62.5 Micron MM 2 Meter Duplex Patch Cord ST - ST	\$38.01	\$34.21
62.5 Micron MM 2 Meter Duplex Patch Cord ST - SC	\$38.01	\$34.21
62.5 Micron MM 2 Meter Duplex Patch Cord ST - LC	\$41.06	\$36.95
62.5 Micron MM 2 Meter Duplex Patch Cord ST - MT-RJ	\$50.60	\$45.54
62.5 Micron MM 2 Meter Duplex Patch Cord SC - SC	\$38.01	\$34.21
62.5 Micron MM 2 Meter Duplex Patch Cord SC - LC	\$41.11	\$37.00
62.5 Micron MM 2 Meter Duplex Patch Cord SC - MT-RJ	\$50.66	\$45.59
62.5 Micron MM 2 Meter Duplex Patch Cord LC - LC	\$45.60	\$41.04
62.5 Micron MM 2 Meter Duplex Patch Cord LC - MT-RJ	\$54.28	\$48.85
62.5 Micron MM 2 Meter Duplex Patch Cord MT-RJ - MT-RJ	\$48.65	\$43.78
62.5 Micron MM 3 Meter Duplex Patch Cord ST - ST	\$39.39	\$35.45
62.5 Micron MM 3 Meter Duplex Patch Cord ST - SC	\$39.39	\$35.45
62.5 Micron MM 3 Meter Duplex Patch Cord ST - LC	\$42.44	\$38.19
62.5 Micron MM 3 Meter Duplex Patch Cord ST - MT-RJ	\$52.04	\$46.83
62.5 Micron MM 3 Meter Duplex Patch Cord SC - SC	\$39.45	\$35.50
62.5 Micron MM 3 Meter Duplex Patch Cord SC - LC	\$42.44	\$38.19
62.5 Micron MM 3 Meter Duplex Patch Cord SC - MT-RJ	\$52.04	\$46.83
62.5 Micron MM 3 Meter Duplex Patch Cord LC - LC	\$45.54	\$40.99
62.5 Micron MM 3 Meter Duplex Patch Cord LC - MT-RJ	\$55.14	\$49.63
62.5 Micron MM 3 Meter Duplex Patch Cord MT-RJ - MT-RJ	\$50.03	\$45.02
50 Micron LOF OM3 MM 1 Meter Duplex Patch Cord ST - ST	\$37.66	\$33.90
50 Micron LOF OM3 MM 1 Meter Duplex Patch Cord ST - SC	\$37.66	\$33.90
50 Micron LOF OM3 MM 1 Meter Duplex Patch Cord ST - LC	\$40.77	\$36.69
50 Micron LOF OM3 MM 1 Meter Duplex Patch Cord ST - MT-RJ	\$49.62	\$44.66
50 Micron LOF OM3 MM 1 Meter Duplex Patch Cord SC - SC	\$37.72	\$33.95
50 Micron LOF OM3 MM 1 Meter Duplex Patch Cord SC - LC	\$40.77	\$36.69
50 Micron LOF OM3 MM 1 Meter Duplex Patch Cord SC - MT-RJ	\$50.31	\$45.28
50 Micron LOF OM3 MM 1 Meter Duplex Patch Cord LC - LC	\$44.85	\$40.37
50 Micron LOF OM3 MM 1 Meter Duplex Patch Cord LC - MT-RJ	\$52.10	\$46.89
50 Micron LOF OM3 MM 1 Meter Duplex Patch Cord MT-RJ - MT-RJ	\$47.61	\$42.85

**School District**  
**Bill of Structured Cabling Materials**  
**20 E-Rate Year 2017-2018**

Customer Site  
12/30/2016

*Attachment 1*

Number of Single Drops:  
Number of Dual Drops:

Part Number	Manufacturer	Description	Quantity	Cost	Total	Unit Cost	Total Cost	Unit of Measure
10G4	CommScope	CAT6A 4-Pair UTP - CMP		\$ 0.470	\$ -	\$ 0.64	\$ -	foot
10GN4	CommScope	CAT6A 4-Pair UTP - CMR		\$ 0.243	\$ -	\$ 0.33	\$ -	foot
1592A	CommScope	CAT6A 4-Pair F/UTP - OSP		\$ 0.526	\$ -	\$ 0.70	\$ -	foot
7504	CommScope	CAT6 4-Pair UTP - CMP		\$ 0.270	\$ -	\$ 0.37	\$ -	foot
75N4	CommScope	CAT6 4-Pair UTP - CMR		\$ 0.148	\$ -	\$ 0.20	\$ -	foot
6NF4+	CommScope	CAT6 4-Pair UTP - OSP		\$ 0.249	\$ -	\$ 0.33	\$ -	foot
5504M	CommScope	CAT5e 4-Pair UTP - CMP		\$ 0.183	\$ -	\$ 0.25	\$ -	foot
55N4R	CommScope	CAT5e 4-Pair UTP - CMR		\$ 0.109	\$ -	\$ 0.15	\$ -	foot
5NF4	CommScope	CAT5e 4-Pair UTP - OSP		\$ 0.199	\$ -	\$ 0.27	\$ -	foot
UNJ10G-xx	CommScope	CAT6A Modular Jack		\$ 6.85	\$ -	\$ 9.55	\$ -	each
UNJ600-xx	CommScope	CAT6 Modular Jack		\$ 4.15	\$ -	\$ 5.47	\$ -	each
UNJ500-xx	CommScope	CAT5e Modular Jack		\$ 3.25	\$ -	\$ 4.28	\$ -	each
M12L-xxx	CommScope	2 Port Flush Mount Faceplate		\$ 1.45	\$ -	\$ 1.91	\$ -	each
M14L-xxx	CommScope	4 Port Flush Mount Faceplate		\$ 1.45	\$ -	\$ 1.91	\$ -	each
M16L-xxx	CommScope	6 Port Flush Mount Faceplate		\$ 1.45	\$ -	\$ 1.91	\$ -	each
PLT2S-M	Panduit	7.4" Tie-Wraps - White		\$ 44.00	\$ -	\$ 60.00	\$ -	bag
UNP10G-24P	CommScope	24-Port CAT6A Patch Panel		\$ 135.50	\$ -	\$ 190.94	\$ -	each
UNP10G-48P	CommScope	48-Port CAT6A Patch Panel		\$ 270.00	\$ -	\$ 375.30	\$ -	each
UNP610-24P	CommScope	24-Port CAT6 Patch Panel		\$ 130.00	\$ -	\$ 171.19	\$ -	each
UNP610-48P	CommScope	48-Port CAT6 Patch Panel		\$ 263.00	\$ -	\$ 348.33	\$ -	each
UNP510-24P	CommScope	24-Port CAT5e Patch Panel		\$ 86.00	\$ -	\$ 113.25	\$ -	each
UNP510-48P	CommScope	48-Port CAT5e Patch Panel		\$ 189.00	\$ -	\$ 222.55	\$ -	each
M2000-24	CommScope	24-Port Modular Patch Panel		\$ 49.50	\$ -	\$ 65.19	\$ -	each
M2000-48	CommScope	48-Port Modular Patch Panel		\$ 72.50	\$ -	\$ 95.47	\$ -	each
UNC10G-xx-03	CommScope	CAT6A Patch Cord - 3'		\$ 8.25	\$ -	\$ 10.87	\$ -	each
UNC10G-xx-07	CommScope	CAT6A Patch Cord - 7'		\$ 9.55	\$ -	\$ 14.42	\$ -	each
UNC10G-xx-10	CommScope	CAT6A Patch Cord - 10'		\$ 10.95	\$ -	\$ 16.47	\$ -	each
UNC10G-xx-15	CommScope	CAT6A Patch Cord - 15'		\$ 14.95	\$ -	\$ 19.69	\$ -	each
CPCSXX3-0ZF014	CommScope	CAT6A Crossover Patch Cord - 14'		\$ 16.00	\$ -	\$ 21.07	\$ -	each
UNC6-xx-03	CommScope	CAT6 Patch Cord - 3'		\$ 6.25	\$ -	\$ 8.24	\$ -	each
UNC6-xx-07	CommScope	CAT6 Patch Cord - 7'		\$ 7.85	\$ -	\$ 10.34	\$ -	each
UNC6-xx-10	CommScope	CAT6 Patch Cord - 10'		\$ 8.15	\$ -	\$ 10.74	\$ -	each
UNC6-xx-15	CommScope	CAT6 Patch Cord - 15'		\$ 10.75	\$ -	\$ 14.16	\$ -	each
UNC5-xx-03	CommScope	CAT5e Patch Cord - 3'		\$ 3.10	\$ -	\$ 4.09	\$ -	each
UNC5-xx-07	CommScope	CAT5e Patch Cord - 7'		\$ 3.90	\$ -	\$ 5.14	\$ -	each
UNC5-xx-10	CommScope	CAT5e Patch Cord - 10'		\$ 4.50	\$ -	\$ 5.93	\$ -	each
UNC5-xx-15	CommScope	CAT5e Patch Cord - 15'		\$ 5.55	\$ -	\$ 7.31	\$ -	each
N204-003-xx-RA	Tripp Lite	CAT6 Patch Cord - Right Angle to Straight Plug - 3'		\$ 5.50	\$ -	\$ 8.25	\$ -	each
N204-010-xx-RA	Tripp Lite	CAT6 Patch Cord - Right Angle to Straight Plug - 10'		\$ 6.50	\$ -	\$ 9.56	\$ -	each
006E88-3131-29	Corning	6 Strand SM Inside Fiber - OFNP		\$ 0.260	\$ -	\$ 0.39	\$ -	foot

CCH-CP12-E4	Coming	OM3/OM4 MM 12 Fiber Connector Panel LC	\$ 65.50	\$	-	\$	86.26	\$	-	each
6FSCX9UOM3-AC-2M	Cable Xchange	6 Strand OM3 MM SC Pigtail - 2M	\$ 48.50	\$	-	\$	83.87	\$	-	each
12FSC9UOM3-AC-2M	Cable Xchange	12 Strand OM3 MM SC Pigtail - 2M	\$ 92.20	\$	-	\$	121.42	\$	-	each
CCH-CS	Coming	CCH Splice Cassette	\$ 88.00	\$	-	\$	115.89	\$	-	each
2806031-01	Coming	Heat Shrink Protectors	\$ 41.00	\$	-	\$	53.99	\$	-	pack
FAN-BT25-06	Coming	6 Strand Fan-Out Kit	\$ 13.25	\$	-	\$	17.45	\$	-	each
FAN-BT25-12	Coming	12 Strand Fan-Out Kit	\$ 15.00	\$	-	\$	19.76	\$	-	each
WCH-02P	Coming	Up to 12 Strand Fiber Optic Housing - Wall Mount (2 Panels)	\$ 75.00	\$	-	\$	98.77	\$	-	each
WCH-04P	Coming	Up to 24 Strand Fiber Optic Housing - Wall Mount (4 Panels)	\$ 113.00	\$	-	\$	148.81	\$	-	each
WCH-08P	Coming	Up to 48 Strand Fiber Optic Housing - Wall Mount (6 Panels)	\$ 163.00	\$	-	\$	214.65	\$	-	each
WCH-12P	Coming	Up to 96 Strand Fiber Optic Housing - Wall Mount (12 Panels)	\$ 242.00	\$	-	\$	318.88	\$	-	each
CCH-01U	Coming	Up to 12 Strand Fiber Optic Housing - Rack Mount (2 Panels)	\$ 155.00	\$	-	\$	204.11	\$	-	each
CCH-02U	Coming	Up to 48 Strand Fiber Optic Housing - Rack Mount (4 Panels)	\$ 185.00	\$	-	\$	243.62	\$	-	each
CCH-03U	Coming	Up to 96 Strand Fiber Optic Housing - Rack Mount (6 Panels)	\$ 220.00	\$	-	\$	289.71	\$	-	each
CCH-04U	Coming	Up to 144 Strand Fiber Optic Housing - Rack Mount (12 Panels)	\$ 222.00	\$	-	\$	292.34	\$	-	each
FOAS2FSMSTST-1M	Accu-Tech	SM 1 Meter Duplex Patch Cord ST - ST	\$ 15.00	\$	-	\$	19.76	\$	-	each
FOAS2FSMSCST-1M	Accu-Tech	SM 1 Meter Duplex Patch Cord ST - SC	\$ 14.00	\$	-	\$	18.44	\$	-	each
FOAS2FSMLCST-1M	Accu-Tech	SM 1 Meter Duplex Patch Cord ST - LC	\$ 16.00	\$	-	\$	21.07	\$	-	each
FOAS2FSMSCSC-1M	Accu-Tech	SM 1 Meter Duplex Patch Cord SC - SC	\$ 15.95	\$	-	\$	21.01	\$	-	each
FOAS2FSMLCSC-1M	Accu-Tech	SM 1 Meter Duplex Patch Cord SC - LC	\$ 19.13	\$	-	\$	25.20	\$	-	each
FOAS2FSMLCLC-1M	Accu-Tech	SM 1 Meter Duplex Patch Cord LC - LC	\$ 20.98	\$	-	\$	27.63	\$	-	each
FOAS2FSMSTST-2M	Accu-Tech	SM 2 Meter Duplex Patch Cord ST - ST	\$ 16.05	\$	-	\$	21.14	\$	-	each
FOAS2FSMSCST-2M	Accu-Tech	SM 2 Meter Duplex Patch Cord ST - SC	\$ 18.00	\$	-	\$	23.71	\$	-	each
FOAS2FSMLCST-2M	Accu-Tech	SM 2 Meter Duplex Patch Cord ST - LC	\$ 20.00	\$	-	\$	26.34	\$	-	each
FOAS2FSMSCSC-2M	Accu-Tech	SM 2 Meter Duplex Patch Cord SC - SC	\$ 17.00	\$	-	\$	22.39	\$	-	each
FOAS2FSMLCSC-2M	Accu-Tech	SM 2 Meter Duplex Patch Cord SC - LC	\$ 20.25	\$	-	\$	26.67	\$	-	each
FOAS2FSMLCLC-2M	Accu-Tech	SM 2 Meter Duplex Patch Cord LC - LC	\$ 22.08	\$	-	\$	29.08	\$	-	each
FOAS2FSMSTST-2M	Accu-Tech	SM 3 Meter Duplex Patch Cord ST - ST	\$ 16.40	\$	-	\$	21.60	\$	-	each
FOAS2FSMSCST-2M	Accu-Tech	SM 3 Meter Duplex Patch Cord ST - LC	\$ 18.50	\$	-	\$	24.37	\$	-	each
FOAS2FSMLCST-2M	Accu-Tech	SM 3 Meter Duplex Patch Cord ST - SC	\$ 21.25	\$	-	\$	27.99	\$	-	each
FOAS2FSMLCSC-2M	Accu-Tech	SM 3 Meter Duplex Patch Cord SC - SC	\$ 17.30	\$	-	\$	22.79	\$	-	each
FOAS2FSMLCLC-2M	Accu-Tech	SM 3 Meter Duplex Patch Cord LC - LC	\$ 21.15	\$	-	\$	27.86	\$	-	each
FOAS2FSMSCST-1M	Accu-Tech	OM3/OM4 MM 1 Meter Duplex Patch Cord ST - ST	\$ 23.20	\$	-	\$	30.56	\$	-	each
FOAS2F10GSCST-1M	Accu-Tech	OM3/OM4 MM 1 Meter Duplex Patch Cord ST - SC	\$ 20.25	\$	-	\$	26.67	\$	-	each
FOAS2F10GLCST-1M	Accu-Tech	OM3/OM4 MM 1 Meter Duplex Patch Cord ST - LC	\$ 21.25	\$	-	\$	27.99	\$	-	each
FOAS2F10GSCSC-1M	Accu-Tech	OM3/OM4 MM 1 Meter Duplex Patch Cord SC - SC	\$ 34.86	\$	-	\$	45.91	\$	-	each
FOAS2F10GLCSC-1M	Accu-Tech	OM3/OM4 MM 1 Meter Duplex Patch Cord SC - LC	\$ 22.30	\$	-	\$	29.37	\$	-	each
FOAS2F10GLCLC-1M	Accu-Tech	OM3/OM4 MM 1 Meter Duplex Patch Cord LC - LC	\$ 17.50	\$	-	\$	23.05	\$	-	each
FOAS2F10GSTST-2M	Accu-Tech	OM3/OM4 MM 2 Meter Duplex Patch Cord ST - ST	\$ 23.97	\$	-	\$	31.57	\$	-	each
FOAS2F10GSTST-2M	Accu-Tech	OM3/OM4 MM 2 Meter Duplex Patch Cord ST - SC	\$ 17.88	\$	-	\$	23.55	\$	-	each
FOAS2F10GLCST-2M	Accu-Tech	OM3/OM4 MM 2 Meter Duplex Patch Cord ST - LC	\$ 17.88	\$	-	\$	23.55	\$	-	each
FOAS2F10GSCST-2M	Accu-Tech	OM3/OM4 MM 2 Meter Duplex Patch Cord SC - SC	\$ 19.82	\$	-	\$	26.10	\$	-	each
FOAS2F10GLCSC-2M	Accu-Tech	OM3/OM4 MM 2 Meter Duplex Patch Cord SC - LC	\$ 17.88	\$	-	\$	23.55	\$	-	each
FOAS2F10GLCLC-2M	Accu-Tech	OM3/OM4 MM 2 Meter Duplex Patch Cord LC - LC	\$ 19.82	\$	-	\$	26.10	\$	-	each
FOAS2F10GSCST-3M	Accu-Tech	OM3/OM4 MM 3 Meter Duplex Patch Cord ST - ST	\$ 22.41	\$	-	\$	29.51	\$	-	each
FOAS2F10GSCST-3M	Accu-Tech	OM3/OM4 MM 3 Meter Duplex Patch Cord ST - SC	\$ 37.50	\$	-	\$	49.39	\$	-	each
FOAS2F10GLCSC-3M	Accu-Tech	OM3/OM4 MM 3 Meter Duplex Patch Cord SC - SC	\$ 35.50	\$	-	\$	46.75	\$	-	each
FOAS2F10GLCLC-3M	Accu-Tech	OM3/OM4 MM 3 Meter Duplex Patch Cord LC - LC	\$ 37.50	\$	-	\$	49.39	\$	-	each
FOAS2F10GLCCLC-3M	Accu-Tech	OM3/OM4 MM 3 Meter Duplex Patch Cord SC - LC	\$ 35.50	\$	-	\$	46.75	\$	-	each
EDR19FMA5U	Hoffman	19-inch by 84-inch 2-Post Floor Mounted Rack	\$ 120.00	\$	-	\$	158.02	\$	-	each
E4DR19FMA5U	Hoffman	19-inch by 84-inch 4-Post Floor Mounted Rack	\$ 490.00	\$	-	\$	678.17	\$	-	each
LSS12BLK	Hoffman	10 foot long by 12-inch wide Ladder Rack for Rack and Cable Support	\$ 71.00	\$	-	\$	99.43	\$	-	each

LRRMPBLK	Hoffman	Rack Top Mounting Plate - 10 Ladder Rack	\$ 29.75	\$	-	\$	39.18	\$	-	each
LWASK12BLK	Hoffman	Wall Angle Bracket for 12-inch Ladder Rack	\$ 21.50	\$	-	\$	28.32	\$	-	each
LT8B12BLK	Hoffman	Wall Triangle Support Bracket for 12-inch Ladder Rack	\$ 37.50	\$	-	\$	49.39	\$	-	each
WMPV45E	Panduit	Vertical Wire Manager - double sided, 4-inch width, 84-inch height, with covers	\$ 157.00	\$	-	\$	208.75	\$	-	each
WMPVHC45E	Panduit	Vertical Wire Manager - double sided, 6-inch width, 84-inch height, with covers	\$ 198.00	\$	-	\$	260.74	\$	-	each
WMP1E	Panduit	Horizontal Wire Manager 2-RU double sided with covers	\$ 41.00	\$	-	\$	53.99	\$	-	each
SB748S1915SFB	Cooper/B-Line	19-inch Rack Shelf - 2-RU mounting, 14-inch minimum depth, solid base	\$ 40.00	\$	-	\$	52.68	\$	-	each
Generic	Generic	AWG #6 Stranded Ground Wire with Green Jacket	\$ 0.60	\$	-	\$	0.80	\$	-	foot
10810-019	CPI	Pre-Drilled Horizontal 19" Rack Copper Grounding Bus Bar	\$ 48.50	\$	-	\$	63.87	\$	-	each
HB8B14210A	Hubbell	Pre-Drilled Copper Grounding Bus Bar 2"x 10" w/Stand Off Bracket	\$ 70.00	\$	-	\$	92.18	\$	-	each
GECLB6-2A	Harger	Copper Ground Lug - 2-hole mounting for AWG #6 Stranded Ground Wire	\$ 2.00	\$	-	\$	2.64	\$	-	each
E19SWM12U24	Hoffman	19-inch by 24-inch Wall Mounted Swing Gate Rack	\$ 173.25	\$	-	\$	228.14	\$	-	each
E19SWM25U24	Hoffman	19-inch by 48-inch Wall Mounted Swing Gate Rack	\$ 220.50	\$	-	\$	290.36	\$	-	each
EWWMV242425	Hoffman	19-inch by 24-inch Wall Mounted Lockable Cabinet	\$ 465.00	\$	-	\$	642.94	\$	-	each
EWWMV482425	Hoffman	19-inch by 48-inch Wall Mounted Lockable Cabinet	\$ 614.25	\$	-	\$	808.86	\$	-	each
EWWMV362430	Hoffman	19-inch by 36-inch Wall Mounted Lockable Cabinet - 30" Deep	\$ 577.50	\$	-	\$	780.47	\$	-	each
EWWMV482430	Hoffman	19-inch by 48-inch Wall Mounted Lockable Cabinet - 30" Deep	\$ 656.25	\$	-	\$	864.17	\$	-	each
RE4XB	Hubbell	Remote Equipment Cabinet	\$ 563.25	\$	-	\$	741.71	\$	-	each
REKF	Hubbell	Remote Equipment Cabinet Fan Kit	\$ 146.60	\$	-	\$	193.05	\$	-	each
REKS	Hubbell	Remote Equipment Cabinet Sound Dampening Kit	\$ 94.00	\$	-	\$	123.79	\$	-	each
CKL333	Hubbell	Remote Equipment Cabinet Keyed Lock Kit	\$ 40.96	\$	-	\$	53.94	\$	-	each
NS2169	Hoffman	Lockable Server Cabinet	#####	\$	-	\$	1,909.40	\$	-	each
VRTDN200-10310TL	Gelert	Vertical Power Strip for Rack/Cabinet mount	\$ 170.50	\$	-	\$	224.52	\$	-	each
HB2	Generic	Wall Mount 2-RU Swing Arm Bracket	\$ 25.00	\$	-	\$	32.93	\$	-	each
HB6	Generic	Wall Mount 6-RU Swing Arm Bracket	\$ 53.00	\$	-	\$	69.80	\$	-	each
11583-719	CPI	Wall Mount 6-RU Swing Arm Bracket	\$ 80.00	\$	-	\$	105.35	\$	-	each
JB1xx-A	Panduit	Par-Way Single Gang One-Piece Surface Mount Box	\$ 3.45	\$	-	\$	4.55	\$	-	each
JB1DX-A	Panduit	Par-Way Single Gang One-Piece Deep Surface Mount Box	\$ 5.50	\$	-	\$	7.25	\$	-	each
LD10xx6-A	Panduit	Par-Way Type LD 1.5" Surface Mount Raceway	\$ 1.85	\$	-	\$	2.44	\$	-	foot
CF10xx-E	Panduit	Par-Way Type LD 1.5" Surface Mount Raceway Coupler Fitting	\$ 1.15	\$	-	\$	1.52	\$	-	each
DCF10xx-X	Panduit	Par-Way Type LD 1.5" Surface Mount Raceway Drop Ceiling Fitting	\$ 1.55	\$	-	\$	2.05	\$	-	each
xxFC10xx-X	Panduit	Pan-Way Type LD 1.5" Surface Mount Raceway OTHER Fitting	\$ 1.75	\$	-	\$	2.31	\$	-	each
V2048	Wiremold	2000 Series Two-Piece Steel Raceway Single-Gang Device Box - Ivory	\$ 7.15	\$	-	\$	9.42	\$	-	each
V2000BC	Wiremold	2000 Series Two-Piece Steel Raceway - Ivory	\$ 1.90	\$	-	\$	2.51	\$	-	foot
2001	Wiremold	2000 Series Two-Piece Steel Raceway Coupling	\$ 0.55	\$	-	\$	0.73	\$	-	each
V2006	Wiremold	2000 Series Two-Piece Steel Raceway Cover Clip - Ivory	\$ 0.90	\$	-	\$	1.19	\$	-	each
V2010A2	Wiremold	2000 Series Two-Piece Steel Raceway Entrance End Fitting - Ivory	\$ 4.70	\$	-	\$	6.19	\$	-	each
Generic	Generic	4"x 4"x 2-1/8" Metal Outlet Box	\$ 1.12	\$	-	\$	2.90	\$	-	each
Generic	Generic	4" Square Reducer Ring	\$ 0.97	\$	-	\$	1.68	\$	-	each
M102SMB-A-xxx	CommScope	2-Port Surface Mount Box	\$ 2.55	\$	-	\$	3.38	\$	-	each
M104SMB-A-xxx	CommScope	4-Port Surface Mount Box	\$ 2.55	\$	-	\$	3.36	\$	-	each
Generic	Generic	Single Gang Blank Cover Plate	\$ 0.60	\$	-	\$	0.80	\$	-	each
JP2W-L20	Panduit	2" J-Hook	\$ 1.90	\$	-	\$	2.51	\$	-	each
JP2DW-L20	Panduit	2" J-Hook w/Multi-Function Clip	\$ 2.60	\$	-	\$	3.43	\$	-	each
JP2SBC-50R-L20	Panduit	2" J-Hook w/Beam Clamp - Rotates 360 degrees	\$ 3.15	\$	-	\$	4.15	\$	-	each
Generic	Generic	3/4"x 4"x 8" AC Grade Fire Rated Plywood	\$ 50.00	\$	-	\$	65.85	\$	-	each
Generic	Generic	3/4"x 4"x 4" AC Grade Fire Rated Plywood	\$ 30.00	\$	-	\$	39.51	\$	-	each
1" EMT	Generic	1" EMT Conduit	\$ 0.74	\$	-	\$	1.01	\$	-	foot
2" EMT	Generic	2" EMT Conduit	\$ 1.73	\$	-	\$	2.34	\$	-	foot
3" EMT	Generic	3" EMT Conduit	\$ 3.34	\$	-	\$	4.50	\$	-	foot
4" EMT	Generic	4" EMT Conduit	\$ 4.60	\$	-	\$	6.08	\$	-	foot
2" IMC	Generic	2" IMC Conduit	\$ 3.86	\$	-	\$	12.92	\$	-	foot
EMT100	Arlington Ind.	1" Insulating Bushing	\$ 0.42	\$	-	\$	0.54	\$	-	foot
EMT200	Arlington Ind.	2" Insulating Bushing	\$ 1.33	\$	-	\$	1.98	\$	-	each

EMT300	Arlington Ind.	3" Insulating Bushing	\$ 3.63	\$ -	\$ 4.77	\$ -	each
EMT400	Arlington Ind.	4" Insulating Bushing	\$ 5.20	\$ -	\$ 6.76	\$ -	each
SSS100	STI	SpecSeal SSS Firestop Caulk	\$ 12.50	\$ -	\$ 16.47	\$ -	each
SSP100	STI	SpecSeal SSS Firestop Putty	\$ 19.50	\$ -	\$ 25.68	\$ -	each
TTS-20R0	Panduit	20' Roll Velcro - Black	\$ 8.25	\$ -	\$ 10.67	\$ -	each
ASG12x12x6NK	Hoffman	12" x 12" x 6" Pull Box	\$ 17.78	\$ -	\$ 52.68	\$ -	each
A12126GSC	Hoffman	12" x 12" x 6" Gasketed Pull Box	\$ 57.97	\$ -	\$ 76.34	\$ -	each
606-65	Porta	CAT6 65V Protector Pack	\$ 88.00	\$ -	\$ 115.89	\$ -	each
DTK-110C6APOE	DITEK	CAT6A Surge Protection Device (110 In/Out)	\$ 90.00	\$ -	\$ 118.52	\$ -	each
DTK-110RJ6APOE	DITEK	CAT6A Surge Protection Device (110 In, RJ45 Out)	\$ 100.00	\$ -	\$ 131.89	\$ -	each
Material Pricing does not include Sales Taxes							
Installation Labor							
			\$ 45.00	\$ -			hour

Attachment "E"

**NCDPI Cooperative Purchasing Agreement**  
**RFP 40-IT00111-15 ITS-008923 LEA WIFI Expansion**  
**NCDPI Form 470 # 855450001286650**  
**Monday, November 16, 2015**

**2013-2016 Structured Cabling Services Contract 962-18A CISP**  
**RFP # ITS-006368**

Effective March 1, 2013

Unit Items	Customer Price
<b>Category 6A Unit Runs - Plenum</b>	
Single Category 6A UTP 4 Pair Unit Run - Plenum	\$ 230.00
Dual Category 6A Unit (2 to same faceplate) - Plenum	\$ 391.00
Triple Category 6A Unit (3 to same faceplate) - Plenum	\$ 546.25
Quad Category 6A Unit (4 to same faceplate) - Plenum	\$ 695.75
6 Outlet Category 6A Unit (6 to same faceplate) - Plenum	\$ 845.25
<b>Category 6A Unit Runs - Non-Plenum</b>	
Single Category 6A UTP 4 Pair Unit Run	\$ 172.50
Dual Category 6A Unit (2 to same faceplate)	\$ 276.00
Triple Category 6A Unit (3 to same faceplate)	\$ 373.75
Quad Category 6A Unit (4 to same faceplate)	\$ 465.75
6 Outlet Category 6A Unit (6 to same faceplate)	\$ 586.50
<b>Category 6A Patch Panels</b>	
24 Port RJ45 Category 6A Patch Panel Rack Mounted	\$ 258.75
48 Port RJ45 Category 6A Patch Panel Rack Mounted	\$ 402.50
<b>Category 6A Patch Cords</b>	
3 Foot RJ45 to RJ45 Category 6A	\$ 11.04
5 Foot RJ45 to RJ45 Category 6A	\$ 13.11
7 Foot RJ45 to RJ45 Category 6A	\$ 16.22
10 Foot RJ45 to RJ45 Category 6A	\$ 20.93
14 Foot RJ45 to RJ45 Category 6A	\$ 27.03
14 Foot RJ45 to RJ45 Category 6A Crossover Cable	\$ 28.75
<b>Category 6A Components</b>	
Category 6A Cable Plenum - installed per foot	\$ 1.44
Category 6A Cable Non-Plenum - installed per foot	\$ 1.15
Category 6A Keystone Jack - installed	\$ 13.80
Category 6A RJ-45 Modular Plug - installed	\$ 6.90
<b>Innerduct</b>	
1 Inch Plenum Corrugated Innerduct with Pull String Installed per Foot	\$ 3.28
1 Inch Non-Plenum Corrugated Innerduct with Pull String Installed per Foot	\$ 1.90
2 Inch Plenum Corrugated Innerduct with Pull String Installed per Foot	\$ 5.75
2 Inch Non-Plenum Corrugated Innerduct with Pull String Installed per Foot	\$ 3.45
<b>Fiber Optic Cable Installation - Plenum</b>	
6 Strand MM Inside 62.5 Micron OFNP - Installed per Foot - Plenum	\$ 2.13
12 Strand MM Inside 62.5 Micron OFNP - Installed per Foot - Plenum	\$ 2.82
24 Strand MM Inside 62.5 Micron OFNP - Installed per Foot - Plenum	\$ 5.18
6 Strand MM Inside 50 Micron LOF OM3 OFNP - Installed per Foot - Plenum	\$ 2.36

12 Strand MM Inside 50 Micron LOF OM3 OFNP - Installed per Foot - Plenum	\$	3.57
24 Strand MM Inside 50 Micron LOF OM3 OFNP - Installed per Foot - Plenum	\$	6.50
6 Strand SM Inside Fiber OFNP - Installed per Foot - Plenum	\$	1.61
12 Strand SM Inside Fiber - OFNP Installed per Foot - Plenum	\$	2.13
24 Strand SM Inside Fiber - OFNP Installed per Foot - Plenum	\$	3.45
6 Strand MM Inside 62.5 Micron Interlocking Armored OFCP - Installed per Foot - Plenum	\$	3.51
12 Strand MM Inside 62.5 Micron Interlocking Armored OFCP - Installed per Foot - Plenum	\$	4.14
24 Strand MM Inside 62.5 Micron Interlocking Armored OFCP - Installed per Foot - Plenum	\$	6.79
6 Strand MM Inside 50 Micron LOF OM3 Interlocking Armored OFCP - Installed per Foot - Plenum	\$	3.74
12 Strand MM Inside 50 Micron LOF OM3 Interlocking Armored OFCP - Installed per Foot - Plenum	\$	4.83
24 Strand MM Inside 50 Micron LOF OM3 Interlocking Armored OFCP - Installed per Foot - Plenum	\$	7.65
6 Strand SM Inside Fiber Interlocking Armored OFCP - Installed per Foot - Plenum	\$	3.11
12 Strand SM Inside Fiber Interlocking Armored OFCP - Installed per Foot - Plenum	\$	3.62
24 Strand SM Inside Fiber Interlocking Armored OFCP - Installed per Foot - Plenum	\$	5.29

#### Fiber Optic Cable Installation - Non-Plenum

6 Strand MM Inside 62.5 Micron OFNR - Installed per foot	\$	1.96
12 Strand MM Inside 62.5 Micron OFNR - Installed per Foot	\$	2.76
24 Strand MM Inside 62.5 Micron OFNR - Installed per Foot	\$	4.31
6 Strand MM Inside 50 Micron LOF OM3 OFNR - Installed per Foot	\$	2.30
12 Strand MM Inside 50 Micron LOF OM3 OFNR - Installed per Foot	\$	3.45
24 Strand MM Inside 50 Micron LOF OM3 OFNR - Installed per Foot	\$	5.75
6 Strand SM Inside Fiber OFNR - Installed per Foot	\$	1.55
12 Strand SM Inside Fiber OFNR - Installed per Foot	\$	2.01
24 Strand SM Inside Fiber OFNR - Installed per Foot	\$	2.65
6 Strand MM Inside 62.5 Micron Interlocking Armored OFCR - Installed per foot	\$	2.88
12 Strand MM Inside 62.5 Micron Interlocking Armored OFCR - Installed per Foot	\$	3.80
24 Strand MM Inside 62.5 Micron Interlocking Armored OFCR - Installed per Foot	\$	6.15
6 Strand MM Inside 50 Micron LOF OM3 Interlocking Armored OFCR - Installed per Foot	\$	3.22
12 Strand MM Inside 50 Micron LOF OM3 Interlocking Armored OFCR - Installed per Foot	\$	4.60
24 Strand MM Inside 50 Micron LOF OM3 Interlocking Armored OFCR - Installed per Foot	\$	7.13
6 Strand SM Inside Fiber Interlocking Armored OFCR - Installed per Foot	\$	2.59
12 Strand SM Inside Fiber Interlocking Armored OFCR - Installed per Foot	\$	3.28
24 Strand SM Inside Fiber Interlocking Armored OFCR - Installed per Foot	\$	4.37

#### Fiber Optic Cable Installation - Indoor/Outdoor

6 Strand MM Indoor/Outdoor 62.5 Micron, Loose-Tube Plenum - Installed per foot	\$	4.37
12 Strand MM Indoor/Outdoor 62.5 Micron, Loose-Tube Plenum - Installed per Foot	\$	5.35
24 Strand MM Indoor/Outdoor 62.5 Micron, Loose-Tube Plenum - Installed per Foot	\$	6.84
6 Strand MM Indoor/Outdoor 62.5 Micron, Loose-Tube Non-Plenum - Installed per foot	\$	4.14
12 Strand MM Indoor/Outdoor 62.5 Micron, Loose-Tube Non-Plenum - Installed per Foot	\$	4.72
24 Strand MM Indoor/Outdoor 62.5 Micron, Loose-Tube Non-Plenum - Installed per Foot	\$	6.27
6 Strand MM Indoor/Outdoor 50 Micron LOF OM3, Loose-Tube Plenum - Installed per Foot	\$	5.29
12 Strand MM Indoor/Outdoor 50 Micron LOF OM3, Loose-Tube Plenum - Installed per Foot	\$	5.75
24 Strand MM Indoor/Outdoor 50 Micron LOF OM3, Loose-Tube Plenum - Installed per Foot	\$	9.09
6 Strand MM Indoor/Outdoor 50 Micron LOF OM3, Loose-Tube Non-Plenum - Installed per Foot	\$	4.60
12 Strand MM Indoor/Outdoor 50 Micron LOF OM3, Loose-Tube Non-Plenum - Installed per Foot	\$	5.29
24 Strand MM Indoor/Outdoor 50 Micron LOF OM3, Loose-Tube Non-Plenum - Installed per Foot	\$	6.61
6 Strand SM Indoor/Outdoor Fiber, Loose-Tube Plenum - Installed per Foot	\$	3.97
12 Strand SM Indoor/Outdoor Fiber, Loose-Tube Plenum - Installed per Foot	\$	4.14
24 Strand SM Indoor/Outdoor Fiber, Loose-Tube Plenum - Installed per Foot	\$	4.60
6 Strand SM Indoor/Outdoor Fiber, Loose-Tube Non-Plenum - Installed per Foot	\$	2.70
12 Strand SM Indoor/Outdoor Fiber, Loose-Tube Non-Plenum - Installed per Foot	\$	2.76
24 Strand SM Indoor/Outdoor Fiber, Loose-Tube Non-Plenum - Installed per Foot	\$	3.57

#### Fiber Optic Connectors

62.5 Micron MM ST Connector - Install, Terminate & Test	\$	24.15
62.5 Micron MM SC Connector - Install, Terminate & Test	\$	24.15
62.5 Micron MM LC Connector - Install, Terminate & Test	\$	29.90
62.5 Micron MM MT-RJ Connector - Install, Terminate & Test	\$	57.50
50 Micron MM LOF OM3 ST Connector - Install, Terminate & Test	\$	28.75
50 Micron MM LOF OM3 SC Connector - Install, Terminate & Test	\$	28.75
50 Micron MM LOF OM3 LC Connector - Install, Terminate & Test	\$	29.90
50 Micron MM LOF OM3 MT-RJ Connector - Install, Terminate & Test	\$	57.50
SM ST Connector - Install, Terminate & Test	\$	31.05
SM SC Connector - Install, Terminate & Test	\$	31.05
SM LC Connector - Install, Terminate & Test	\$	32.20
SM MT-RJ Connector - Install, Terminate & Test	\$	69.00

#### Fiber Optic Connector Panels

62.5 Micron MM 6 Fiber Connector Panel ST	\$	39.10
62.5 Micron MM 6 Fiber Connector Panel SC	\$	40.25
62.5 Micron MM 6 Fiber Connector Panel LC	\$	52.90
62.5 Micron MM 6 Fiber Connector Panel MT-RJ	\$	33.35
62.5 Micron MM 12 Fiber Connector Panel SC	\$	64.40
62.5 Micron MM 12 Fiber Connector Panel LC	\$	93.15
62.5 Micron MM 12 Fiber Connector Panel MT-RJ	\$	83.55
62.5 Micron MM 24 Fiber Connector Panel LC	\$	172.16
62.5 Micron MM 24 Fiber Connector Panel MT-RJ	\$	92.00
50 Micron MM LOF OM3 6 Fiber Connector Panel ST	\$	40.54
50 Micron MM LOF OM3 6 Fiber Connector Panel SC	\$	48.30
50 Micron MM LOF OM3 6 Fiber Connector Panel LC	\$	52.50
50 Micron MM LOF OM3 6 Fiber Connector Panel MT-RJ	\$	33.35
50 Micron MM LOF OM3 12 Fiber Connector Panel SC	\$	83.55
50 Micron MM LOF OM3 12 Fiber Connector Panel LC	\$	92.40
50 Micron MM LOF OM3 12 Fiber Connector Panel MT-RJ	\$	83.55
50 Micron MM LOF OM3 24 Fiber Connector Panel LC	\$	172.16
50 Micron MM LOF OM3 24 Fiber Connector Panel MT-RJ	\$	92.00
SM 6 Fiber Connector Panel ST	\$	46.00
SM 6 Fiber Connector Panel SC	\$	51.18
SM 6 Fiber Connector Panel LC	\$	60.61
SM 6 Fiber Connector Panel MT-RJ	\$	49.05
SM 12 Fiber Connector Panel SC	\$	89.24
SM 12 Fiber Connector Panel LC	\$	108.10
SM 12 Fiber Connector Panel MT-RJ	\$	85.10
SM 24 Fiber Connector Panel LC	\$	202.92
SM 24 Fiber Connector Panel MT-RJ	\$	156.69

#### Fiber Optic Fan-Out Kits

6 Strand Fan-Out Kit	\$	28.18
12 Strand Fan-out Kit	\$	38.81

#### Fiber Optic Housings

Up to 12 Strand Fiber Optic Housing - Wall Mount	\$	202.40
Up to 12 Strand Fiber Optic Housing - Rack Mount	\$	242.65
Up to 24 Strand Fiber Optic Housing - Wall Mount	\$	202.40
Up to 24 Strand Fiber Optic Housing - Rack Mount	\$	297.85
Up to 48 Strand Fiber Optic Housing - Wall Mount	\$	281.75
Up to 48 Strand Fiber Optic Housing - Rack Mount	\$	297.85
Up to 96 Strand Fiber Optic Housing - Wall Mount	\$	331.20
Up to 96 Strand Fiber Optic Housing - Rack Mount	\$	369.15
Up to 144 Strand Fiber Optic Housing - Wall Mount	\$	446.20

Up to 144 Strand Fiber Optic Housing - Rack Mount	\$	369.15
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#### Fiber Optic Patch Cords

62.5 Micron MM 1 Meter Duplex Patch Cord ST - ST	\$	36.57
62.5 Micron MM 1 Meter Duplex Patch Cord ST - SC	\$	36.57
62.5 Micron MM 1 Meter Duplex Patch Cord ST - LC	\$	39.68
62.5 Micron MM 1 Meter Duplex Patch Cord ST - MT-RJ	\$	49.22
62.5 Micron MM 1 Meter Duplex Patch Cord SC - SC	\$	36.63
62.5 Micron MM 1 Meter Duplex Patch Cord SC - LC	\$	39.68
62.5 Micron MM 1 Meter Duplex Patch Cord SC - MT-RJ	\$	49.22
62.5 Micron MM 1 Meter Duplex Patch Cord LC - LC	\$	42.78
62.5 Micron MM 1 Meter Duplex Patch Cord LC - MT-RJ	\$	52.33
62.5 Micron MM 1 Meter Duplex Patch Cord MT-RJ - MT-RJ	\$	47.21

62.5 Micron MM 2 Meter Duplex Patch Cord ST - ST	\$	38.01
62.5 Micron MM 2 Meter Duplex Patch Cord ST - SC	\$	38.01
62.5 Micron MM 2 Meter Duplex Patch Cord ST - LC	\$	41.06
62.5 Micron MM 2 Meter Duplex Patch Cord ST - MT-RJ	\$	50.60
62.5 Micron MM 2 Meter Duplex Patch Cord SC - SC	\$	38.01
62.5 Micron MM 2 Meter Duplex Patch Cord SC - LC	\$	41.11
62.5 Micron MM 2 Meter Duplex Patch Cord SC - MT-RJ	\$	50.66
62.5 Micron MM 2 Meter Duplex Patch Cord LC - LC	\$	45.60
62.5 Micron MM 2 Meter Duplex Patch Cord LC - MT-RJ	\$	54.28
62.5 Micron MM 2 Meter Duplex Patch Cord MT-RJ - MT-RJ	\$	48.65

62.5 Micron MM 3 Meter Duplex Patch Cord ST - ST	\$	39.39
62.5 Micron MM 3 Meter Duplex Patch Cord ST - SC	\$	39.39
62.5 Micron MM 3 Meter Duplex Patch Cord ST - LC	\$	42.44
62.5 Micron MM 3 Meter Duplex Patch Cord ST - MT-RJ	\$	52.04
62.5 Micron MM 3 Meter Duplex Patch Cord SC - SC	\$	39.45
62.5 Micron MM 3 Meter Duplex Patch Cord SC - LC	\$	42.44
62.5 Micron MM 3 Meter Duplex Patch Cord SC - MT-RJ	\$	52.04
62.5 Micron MM 3 Meter Duplex Patch Cord LC - LC	\$	45.54
62.5 Micron MM 3 Meter Duplex Patch Cord LC - MT-RJ	\$	55.14
62.5 Micron MM 3 Meter Duplex Patch Cord MT-RJ - MT-RJ	\$	50.03

50 Micron LOF OM3 MM 1 Meter Duplex Patch Cord ST - ST	\$	37.66
50 Micron LOF OM3 MM 1 Meter Duplex Patch Cord ST - SC	\$	37.66
50 Micron LOF OM3 MM 1 Meter Duplex Patch Cord ST - LC	\$	40.77
50 Micron LOF OM3 MM 1 Meter Duplex Patch Cord ST - MT-RJ	\$	49.62
50 Micron LOF OM3 MM 1 Meter Duplex Patch Cord SC - SC	\$	37.72
50 Micron LOF OM3 MM 1 Meter Duplex Patch Cord SC - LC	\$	40.77
50 Micron LOF OM3 MM 1 Meter Duplex Patch Cord SC - MT-RJ	\$	50.31
50 Micron LOF OM3 MM 1 Meter Duplex Patch Cord LC - LC	\$	44.85
50 Micron LOF OM3 MM 1 Meter Duplex Patch Cord LC - MT-RJ	\$	52.10
50 Micron LOF OM3 MM 1 Meter Duplex Patch Cord MT-RJ - MT-RJ	\$	47.61

50 Micron LOF OM3 MM 2 Meter Duplex Patch Cord ST - ST	\$	40.14
50 Micron LOF OM3 MM 2 Meter Duplex Patch Cord ST - SC	\$	40.14
50 Micron LOF OM3 MM 2 Meter Duplex Patch Cord ST - LC	\$	43.24
50 Micron LOF OM3 MM 2 Meter Duplex Patch Cord ST - MT-RJ	\$	50.89
50 Micron LOF OM3 MM 2 Meter Duplex Patch Cord SC - SC	\$	40.19
50 Micron LOF OM3 MM 2 Meter Duplex Patch Cord SC - LC	\$	43.24
50 Micron LOF OM3 MM 2 Meter Duplex Patch Cord SC - MT-RJ	\$	51.46
50 Micron LOF OM3 MM 2 Meter Duplex Patch Cord LC - LC	\$	46.29
50 Micron LOF OM3 MM 2 Meter Duplex Patch Cord LC - MT-RJ	\$	54.57

50 Micron LOF OM3 MM 2 Meter Duplex Patch Cord MT-RJ - MT-RJ	\$	49.45
50 Micron LOF OM3 MM 3 Meter Duplex Patch Cord ST - ST	\$	42.55
50 Micron LOF OM3 MM 3 Meter Duplex Patch Cord ST - SC	\$	42.61
50 Micron LOF OM3 MM 3 Meter Duplex Patch Cord ST - LC	\$	45.66
50 Micron LOF OM3MM 3 Meter Duplex Patch Cord ST - MT-RJ	\$	53.30
50 Micron LOF OM3 MM 3 Meter Duplex Patch Cord SC - SC	\$	42.67
50 Micron LOF OM3 MM 3 Meter Duplex Patch Cord SC - LC	\$	45.71
50 Micron LOF OM3 MM 3 Meter Duplex Patch Cord SC - MT-RJ	\$	53.48
50 Micron LOF OM3 MM 3 Meter Duplex Patch Cord LC - LC	\$	48.76
50 Micron LOF OM3 MM 3 Meter Duplex Patch Cord LC - MT-RJ	\$	56.41
50 Micron LOF OM3 MM 3 Meter Duplex Patch Cord MT-RJ - MT-RJ	\$	51.29
SM 1 Meter Duplex Patch Cord ST - ST	\$	50.95
SM 1 Meter Duplex Patch Cord ST - SC	\$	51.18
SM 1 Meter Duplex Patch Cord ST - LC	\$	50.72
SM 1 Meter Duplex Patch Cord ST - MT-RJ	\$	57.27
SM 1 Meter Duplex Patch Cord SC - SC	\$	42.26
SM 1 Meter Duplex Patch Cord SC - LC	\$	46.35
SM 1 Meter Duplex Patch Cord SC - MT-RJ	\$	51.75
SM 1 Meter Duplex Patch Cord LC - LC	\$	50.49
SM 1 Meter Duplex Patch Cord LC - MT-RJ	\$	55.89
SM 1 Meter Duplex Patch Cord MT-RJ - MT-RJ	\$	46.63
SM 2 Meter Duplex Patch Cord ST - ST	\$	51.81
SM 2 Meter Duplex Patch Cord ST - SC	\$	47.44
SM 2 Meter Duplex Patch Cord ST - LC	\$	52.67
SM 2 Meter Duplex Patch Cord ST - MT-RJ	\$	56.98
SM 2 Meter Duplex Patch Cord SC - SC	\$	42.26
SM 2 Meter Duplex Patch Cord SC - LC	\$	47.15
SM 2 Meter Duplex Patch Cord SC - MT-RJ	\$	52.61
SM 2 Meter Duplex Patch Cord LC - LC	\$	51.29
SM 2 Meter Duplex Patch Cord LC - MT-RJ	\$	56.75
SM 2 Meter Duplex Patch Cord MT-RJ - MT-RJ	\$	47.50
SM 3 Meter Duplex Patch Cord ST - ST	\$	52.61
SM 3 Meter Duplex Patch Cord ST - SC	\$	48.30
SM 3 Meter Duplex Patch Cord ST - LC	\$	52.33
SM 3 Meter Duplex Patch Cord ST - MT-RJ	\$	57.79
SM 3 Meter Duplex Patch Cord SC - SC	\$	43.93
SM 3 Meter Duplex Patch Cord SC - LC	\$	48.01
SM 3 Meter Duplex Patch Cord SC - MT-RJ	\$	53.48
SM 3 Meter Duplex Patch Cord LC - LC	\$	52.10
SM 3 Meter Duplex Patch Cord LC - MT-RJ	\$	57.62
SM 3 Meter Duplex Patch Cord MT-RJ - MT-RJ	\$	48.36
<b>Rack &amp; Equipment Installation</b>		
19-inch by 84-inch 2-Post Floor Mounted Rack	\$	184.00
10 foot long by 12-inch wide Ladder Rack for Rack and Cable Support	\$	143.75
Rack Top Mounting Plate - to Ladder Rack	\$	40.25
Wall Angle Bracket for 12-inch Ladder Rack	\$	40.25
Wall Triangle Support Bracket for 12-inch Ladder Rack	\$	63.25
Vertical Wire Manager - double sided, 4-inch width, 84-inch height, with covers	\$	287.50
Vertical Wire Manager - double sided, 6-inch width, 84-inch height, with covers	\$	632.50
Horizontal Wire Manager 1-RU double sided with covers	\$	40.25
Horizontal Wire Manager 2-RU double sided with covers	\$	57.50

19-inch Rack Shelf - 2-RU mounting, 14-inch minimum depth, solid base	\$	92.00
AWG #6 Stranded Ground Wire with Green jacket - installed per foot	\$	1.44
Pre-Drilled Copper Grounding Bus Bar 2-inch by 10-inch with Stand Off Bracket	\$	115.00
Copper Ground Lug - 2-hole mounting for AWG #6 Stranded Ground Wire	\$	6.33
19-inch by 24-inch Wall Mounted Swing Gate Rack, 20-inch minimum mounting depth	\$	287.50
19-inch by 48-inch Wall Mounted Swing Gate Rack, 20-inch minimum mounting depth	\$	373.75
19-inch by 24-inch Wall Mounted Lockable Cabinet, 20-inch minimum mounting depth	\$	736.00
19-inch by 48-inch Wall Mounted Lockable Cabinet, 20-inch minimum mounting depth	\$	954.50
Remote Equipment Cabinet (Hubbell model # Rebox RE4XB or Equivalent)	\$	787.75
Lockable Server Cabinet (Hoffman model # NS2169 or Equivalent)	\$	1,926.25
Vertical Power Strip for Rack/Cabinet mount (Geist model # VRTDN200-10310TL or Equivalent)	\$	235.75
Wall Mount 2-RU Swing Arm Bracket	\$	36.80

#### Backbone Copper Cable Components

25 pair 24 AWG Non-Plenum Feeder Cable Installed per Foot	\$	2.65
25 pair 24 AWG Plenum Feeder Cable Installed per Foot	\$	2.88
25 pair 24 AWG OSP Feeder Cable, PE jacket, Installed per Foot	\$	3.74
25 pair Building Entrance Protector, 110 termination, wall mount	\$	201.25
50 pair 24 AWG Non-Plenum Feeder Cable Installed per Foot	\$	3.39
50 pair 24 AWG Plenum Feeder Cable Installed per Foot	\$	3.74
50 pair 24 AWG OSP Feeder Cable, PE jacket, Installed per Foot	\$	5.18
50 pair Building Entrance Protector, 110 termination, wall mount	\$	287.50
Building Entrance Protector Fuse (4C1S)	\$	4.60
100 pair 110 type IDC block and wall mount bracket	\$	47.15
300 pair 110 type IDC block and wall mount bracket	\$	115.00
110 type C-4 4 pair clip	\$	1.73
110 type C-5 5 pair clip	\$	1.73
50 pair 66 block with 89D bracket	\$	17.25
RJ-31X termination block	\$	9.20

#### Mechanically Fastened Surface Raceway

Plastic Single Gang Outlet Box Including Installation	\$	13.80
Plastic Raceway 1-inch - Including Installation per Foot (includes elbows, unions, tees)	\$	4.60
Metallic Single Gang Outlet Box Including Installation	\$	19.55
Metallic Raceway 1-inch - Including Installation per Foot (includes elbows, unions, tees)	\$	5.75
1-inch EMT Conduit Installed per Foot	\$	5.75
Metallic Double gang surface mounted outlet box with reducer ring (double gang to single gang)	\$	23.00

#### Other Per Unit Items

6-Port Single Gang Keystone Faceplate	\$	3.45
Keystone Blank Insert for Faceplate	\$	0.58
4-Port Surface Mount Box	\$	4.60
Single Gang Blank Cover Plate	\$	3.45
J-Hook / Cable Support - Installed	\$	9.20
J-Hook / Cable Support GRID WIRE HANGER - installed	\$	18.40
J-Hook / Cable Support BEAM CLAMP AND THREADED ROD - installed	\$	27.60
4-Foot by 8 Foot by 3/4-inch thick Fire Rated Plywood - installed	\$	143.75
4-Foot by 4 Foot by 3/4-inch thick Fire Rated Plywood - installed	\$	86.25
Wall Penetration and Sleeve - Up to 2-inch diameter - non-Masonry - installed	\$	69.00
Wall Penetration and Sleeve - 2-inch to 4-inch diameter - non-Masonry - installed	\$	103.50
Core Drill and Sleeve per 2" Hole Up to 4" thick Masonry - installed	\$	143.75
Core Drill and Sleeve per 4" Hole Up to 6" thick Masonry - installed	\$	172.50
Intumescent, non hardening Fire Stop Putty - Installed Up to 2-inch Sleeve/Conduit	\$	51.75
Intumescent, non hardening Fire Stop Putty - Installed 2-inch to 4-inch Sleeve/Conduit	\$	63.25
2" EMT Conduit Installed per Foot	\$	8.05
3" EMT Conduit Installed per Foot	\$	11.50

4" EMT Conduit Installed per Foot	\$	20.70
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Time (Hourly Labor Rates)		
Regular Hours @	\$	34.50
Regular 1/2 Hours @	\$	17.25
Overtime Hours @	\$	46.00
Overtime 1/2 Hours @	\$	23.00
Holiday Hours @	\$	46.00
Holiday 1/2 Hours @	\$	23.00
Emergency Repair Rate - Low Priority (Resolution within 3 business days (SLA as of 1/9/12))	\$	41.40
Emergency Repair Rate - Medium Priority (Resolution within 24 hours (SLA as of 1/9/12))	\$	46.00
Emergency Repair Rate - High Priority (Resolution within 8 hours (SLA as of 1/9/12))	\$	55.20
Emergency Repair Rate - Critical Priority (Resolution within 4 hours (SLA as of 1/9/12))	\$	69.00



Universal Service  
Administrative Co.

Attachment "F"

## Commitment Adjustment Letter

Ashley Merritt  
FALLS LAKE ACADEMY  
1701 E Lyon Station Road  
CREEDMOOR, NC 27522

10/03/2018

Our review of your Schools and Libraries Universal Service Support Program (or E-rate) funding request has determined funds were committed in violation of Federal Communications Commission (FCC) rules. You have 60 days from the date of this letter to appeal the following decision(s). For more detailed information see below.

**Total commitment adjustment: \$42,121.00**

**Total amount to be recovered: \$0.00**

FCC Form 471	FRN	Commitment adjustment	Total amount to be recovered	Explanation(s)	Party to recover from
171039111	1799088112	\$42,121.00	\$0.00	Failure to competitively bid in accordance with information and/or certifications provided on the FCC Form 470	BEN

See Attached Adjustment Report for more information on the specific FRNs and Explanations listed above.

### Commitment Adjustment

FCC rules require the Universal Service Administrative Company (USAC) to rescind commitments and recover funding when it is determined that funding was committed and disbursed in violation of the rules. This letter notifies you that USAC will be adjusting your funding commitment(s) and provides information on how to appeal this decision.

This is NOT a bill. If disbursed funds need to be recovered, USAC will issue a Demand Payment Letter. The debt referenced in the Demand Payment Letter will be due within 30 days of that letter's date. Failure to pay the debt may result in interest, late payment fees, and administrative charges and will invoke the FCC's "Red Light Rule."

### FCC's Red Light Rule

The FCC Red Light Rule requires USAC to dismiss pending FCC Form 471 applications, appeals, and invoices or to net disbursements offsetting the debt if the entity responsible for paying the outstanding debt owed to the FCC has not paid the debt or made satisfactory arrangements to pay the debt within 30 days of the Demand Payment Letter. For information on the Red Light Rule, see

<https://www.fcc.gov/licensing-databases/fees/debt-collection-improvement-act-implementation>.

### To Appeal This Decision

If you wish to contest any part of this letter, you must first file an appeal with USAC to seek review of the decision. Parties that have filed an appeal with USAC and received an adverse decision may, if they choose, appeal USAC's decision to the FCC. Parties seeking a waiver of a codified FCC rule should file a request for waiver directly with the FCC because



USAC cannot waive FCC rules. Your appeal to USAC or waiver request to the FCC must be filed within 60 days of the date of this letter.

All appeals filed with USAC must be filed in EPC by selecting "Appeal" from the menu in the top right hand corner of your landing page and providing the requested information.

Your appeal should include the following information. (Because you file the appeal through your EPC account, the system will automatically fill in some of these components for you).

- 1) Name, address, telephone number, and email address for the contact person for this appeal.
- 2) Indicate specifically that your letter is an appeal. Include the following to identify the USAC decision letter (e.g., Commitment Adjustment Letter) and the decision you are appealing:
  - a. Appellant name;
  - b. Applicant name and service provider name, if different from appellant;
  - c. Applicant BEN and Service Provider Identification Number (SPIN);
  - d. FCC Form 471 Application Number and the Funding Request Number (FRN) or Numbers as assigned by USAC;
  - e. "Commitment Adjustment Letter," AND the exact text of the decision that you are appealing.
- 3) Identify the problem and the reason for the appeal and explain precisely the relief sought. Please keep your appeal to the point, and provide supporting documentation. Be sure to keep a copy of your entire appeal, including any correspondence and documentation. A copy will automatically be saved for you in EPC. USAC will reply to your appeal submission to confirm receipt.

For more information on submitting an appeal to USAC including step by step instructions on how to file the appeal through EPC, please see "Appeals" in the Schools and Libraries section of the USAC website.

As mentioned, parties seeking a waiver of FCC rules or that have filed an appeal with USAC and received a decision may file a request for waiver or appeal USAC's decision to the FCC. Waiver requests or appeals to the FCC must be made within 60 days of the issuance of USAC's decision and include all of the information referenced above for appeals to USAC.

The FCC recommends filing appeals or waiver requests with the Electronic Comment Filing System (ECFS) to ensure timely filing. Electronic waiver requests or appeals will be considered filed on a business day if they are received at any time before 11:59 PM ET. If you have questions or comments about using the ECFS, please contact the FCC directly at (202) 418-0193.

For more information about submitting waiver requests or appeals to the FCC, including options to submit the waiver request or appeal via U.S. mail or hand delivery, visit the FCC's website.

Schools and Libraries Division



## Adjustment Report

FCC Form 471 Application Number:	171039111
Funding Request Number:	1799088112
Commitment Adjustment:	\$42,121.00
Total Amount to Be Recovered:	\$0.00
Explanation(s):	Failure to competitively bid in accordance with information and/or certifications provided on the FCC Form 470
Party to Recover From:	BEN
Funding Year:	2017
Billed Entity Number:	16072416
Services Ordered:	Internal Connections
Service Provider Name:	immixGroup Inc
SPIN:	143047906
Original Funding Commitment:	\$42,121.00
Adjusted Funding Commitment:	\$0.00
Funds Disbursed to Date:	\$0.00

## Funding Commitment Adjustment Explanation:

After a thorough investigation, it has been determined that this funding commitment must be rescinded in full. On the FY 2015 FCC Form 470, You certified that you reviewed and complied with all FCC, state and local procurement/competitive bidding requirements. It was determined that you failed to consider all bids submitted You chose IMMIX Group Inc Spin 143047906 which was not the highest scoring bidder according to the bid evaluation matrix. FCC rules require that the applicant submits a bona fide request for services by conducting internal assessments of the components necessary to use effectively the discounted services ordered, and by submitting a complete description of services requested so that it may be posted for competing providers to evaluate and certify to certain criteria under penalty of perjury. Since you failed to consider all bids received and choose the most cost-effective solution, you violated the competitive bidding process. Accordingly, the commitment has been rescinded in full and USAC will seek recovery of any improperly disbursed funds from the applicant.