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## 9. PRICING SCHEDULE



**INTERNAL CONNECTIONS PRICE PROPOSAL**

**ELIGIBLE PRODUCTS**

EQUIPMENT	MANUF.	PART NO.	DESCRIPTION	QTY	UNIT	EXTENDED
<b>Installation of UTP Cabling Cat 6 up to 25 Drops for Classroom, Laboratory, or Office area.</b>						
	Ortronics	Techchoice	Keystone Jacks Cat 6 to WA	25	\$	64.73
	Ortronics	Techchoice	Keystone Jacks Cat 6 to PP	25	\$	64.73
	Ortronics	Techchoice	frame w/ 4 keystone port	9	\$	8.40
	Ortronics	Techchoice	frame w/ 2 keystone port	1	\$	0.93
	Ortronics	Techchoice	Blank jacks (white)	9	\$	1.78
	Ortronics	Techchoice	Cable Cat 6 Riser	5750	\$	1,005.99
	Ortronics	Techchoice	Patch Cord Cat 6 5ft	25	\$	87.48
	Ortronics	Techchoice	Patch Cord Cat 6 10ft	25	\$	122.47
	Openlink	Service	Openlink Professional Services for installation.	25	\$	728.98
			<b>TOTAL:</b>		\$	<b>2,085.49</b>

Note: Based on drawing ED01 Classroom-1 Layout.

**Installation of Raceway up to 25 Drops for Classroom.**

Wiremold	5400TBFW	Two- Compartment Base	32	\$	5.31	\$	169.82
Wiremold	5400CFW	Full Width Cover	32	\$	3.85	\$	123.17
Wiremold	5410DFOFW	Bend Radius Divided Entrance End Fitting	1	\$	19.94	\$	19.94
Wiremold	5410FW	Blank End Fitting	2	\$	6.71	\$	13.41
Wiremold	5415FOFW	Bend Radius Full Capacity Tee	1	\$	24.84	\$	24.84
Wiremold	5400TWC	Twin Snap Cover Wire Clip	8	\$	3.28	\$	26.22
Wiremold	5406A	Cover Clip	4	\$	0.41	\$	1.63
Wiremold	5417FO	Bend Radius Full Capacity Internal Elbow	7	\$	13.35	\$	93.48
Wiremold	5418FO	Bend Radius Full Capacity External Elbow	6	\$	14.01	\$	84.05
Wiremold	5450	Device Bracket	9	\$	11.26	\$	101.30

Note: Based on drawing ED01 Classroom-1 Layout.



**INTERNAL CONNECTIONS PRICE PROPOSAL**

**ELIGIBLE PRODUCTS**

EQUIPMENT	MANUF.	PART NO.	DESCRIPTION	QTY	UNIT	EXTENDED
	Wiremold	5507D	Duplex Faceplate	18	\$ 3.01	\$ 54.17
	N/A		Tapcon 1/4 x 1 1/4	40	\$ 0.12	\$ 4.67
	Openlink	Service	Openlink Professional Services for installation.	1	\$ 104.97	\$ 104.97
<b>TOTAL:</b>						<b>\$ 821.68</b>

**Installation of Electricity up to 25 work area for Classroom.**

			THNN #12 Black	50	\$ 0.16	\$ 8.16
			THNN #12 White	50	\$ 0.16	\$ 8.16
			THNN #12 Green & yellow stripe	360	\$ 0.16	\$ 58.78
			insulated ground receptacle	9	\$ 4.22	\$ 38.00
			Breaker 120V/20A GE	2	\$ 4.28	\$ 8.56
			Ground Bus 1" x 6" x 1/4" Thick, mounted on stand- off insulators type G-12804	2	\$ 7.65	\$ 15.30
			Ground Rod 5/8 x 8"	2	\$ 12.25	\$ 24.49
			Ground Rod Clamp Heavy duty 5/8	2	\$ 5.83	\$ 11.66
			1" Rigid Conduit	15	\$ 2.65	\$ 39.71
			1" Rigid Coupling	1.5	\$ 1.22	\$ 1.84
			1" Rigid Connector w/ lock	2	\$ 4.67	\$ 9.33
			1" Rigid Bushing	2	\$ 1.75	\$ 3.50
			1" Rigid Elbow	1	\$ 5.83	\$ 5.83
			1" Rigid LB Condulet	1	\$ 6.42	\$ 6.42
			1" Rigid Clamp	5	\$ 0.58	\$ 2.92

Note: Based on drawing ED01 Classroom-1 Layout.



INTERNAL CONNECTIONS PRICE PROPOSAL

**ELIGIBLE PRODUCTS**

EQUIPMENT	MANUF.	PART NO.	DESCRIPTION	QTY	UNIT	EXTENDED
	Openlink	Service	Openlink Professional Services for installation.	2	\$	\$ 816.45
<b>TOTAL:</b>						<b>\$ 1,059.13</b>
<b>Installation of Racks for MDF room.</b>						
			2 post Standard Rack	3	\$	\$ 128.30
			6" Vertical Cable Organizer front & Rear	3	\$	\$ 153.96
			Double Expansion Sleeve Stretch Anchor 1 material: zinc alloy 3# 2. size:3/8 bolt,3/4 drill	12	\$	\$ 1.34
			HEX Bolt 3/8 x 2 -1/2"	12	\$	\$ 0.40
			Flat Washer 3/8 x 1"	12	\$	\$ 0.06
			19" Busbar	3	\$	\$ 41.64
			Grounding mechanic lugz	6	\$	\$ 8.05
			Bonding Stud	6	\$	\$ 0.67
			Bonding Nut	6	\$	\$ 0.67
			Bonding Washer lock	6	\$	\$ 0.67
			6" Vertical organizer	1	\$	\$ 153.96
			THHN #6	50	\$	\$ 58.32
Openlink	Service		Openlink Professional Services for installation.	3	\$	\$ 58.32
<b>TOTAL:</b>						<b>\$ 174.95</b>
<b>TOTAL:</b>						<b>\$ 4,298.50</b>
<b>Installation of Wiremesh for MDF room.</b>						

Note: Up to three (3) racks per MFD room.





**INTERNAL CONNECTIONS PRICE PROPOSAL**

**ELIGIBLE PRODUCTS**

EQUIPMENT	MANUF.	PART NO.	DESCRIPTION	QTY	UNIT	EXTENDED
	Cablofil		wiremesh 12 x 2 x10	2	\$ 49.05	\$ 98.09
	Cablofil		Splice washer kit	6	\$ 1.75	\$ 10.50
	Cablofil		Center Hanger	4	\$ 6.73	\$ 26.92
			"Channel Strut" alta 10'	1	\$ 18.31	\$ 18.31
			Tapcon 1/4 x 1 1/4	4	\$ 0.12	\$ 0.47
			drop-in 3/8	4	\$ 0.38	\$ 1.50
			3/8 threaded rod	2	\$ 3.11	\$ 6.23
			Flat Washer 3/8 x 1"	8	\$ 0.06	\$ 0.47
			3/8 Hex Nut	8	\$ 0.07	\$ 0.56
			Splice bolt	2	\$ 1.11	\$ 2.22
	Openlink	Service	Openlink Professional Services for installation.	1	\$ 139.96	\$ 139.96
<b>TOTAL:</b>						<b>\$ 305.22</b>

Note: Max. distance up to 20 ft.

**Installation of Telecommunications Main Ground for MDF room.**

			TMGB	1	\$ 120.37	\$ 120.37
			3/4 Conduit	20	\$ 0.54	\$ 10.73
			3/4 copling	1	\$ 0.67	\$ 0.67
			3/4 one hole clamp	4	\$ 0.15	\$ 0.61
			Tapcon 1/4 x 1 1/4	4	\$ 0.12	\$ 0.47
			3/4 conector w/ lock	2	\$ 0.34	\$ 0.68
			3/4 bushing	2	\$ 0.12	\$ 0.23
			THHN #6	20	\$ 0.61	\$ 12.13

Note: Max. distance up to 20 ft.



INTERNAL CONNECTIONS PRICE PROPOSAL

**ELIGIBLE PRODUCTS**

EQUIPMENT	MANUF.	PART NO.	DESCRIPTION	QTY	UNIT	EXTENDED
	Openlink	Service	Openlink Professional Services for installation.	1	\$	58.32 \$
<b>TOTAL:</b>						<b>\$ 204.20</b>

**Installation of Electricity up to 3 Racks for MDF room.**

			3/4 Conduit	120	\$	0.54 \$	64.38
			3/4 copling	12	\$	0.67 \$	8.05
			3/4 one hole clamp	24	\$	0.15 \$	3.64
			Tapcon 1/4 x 1 1/4	24	\$	0.12 \$	2.80
			3/4 conector w/ lock	12	\$	0.34 \$	4.06
			3/4 bushing	12	\$	0.12 \$	1.40
			4x4 box 3/4 Ko	15	\$	0.68 \$	10.15
			insolated duplex receptacle	24	\$	4.22 \$	101.33
			insolated single receptacle	2	\$	4.22 \$	8.44
			duplex faceplate	12	\$	0.23 \$	2.80
			single faceplate	2	\$	0.23 \$	0.47
			THHN # 12 Black	120	\$	0.16 \$	19.59
			THHN # 12 white	120	\$	0.16 \$	19.59
			THHN # 12 green & yellow stripe	780	\$	0.16 \$	127.37
			Breaker 20A GE	4	\$	4.28 \$	17.12
			ground bar para transición JM1-2.5D type insulated	4	\$	7.65 \$	30.61
			Ground Rod 5/8 x 8"	4	\$	12.25 \$	48.99
			Ground Rod Clamp Heavy duty 5/8	4	\$	5.83 \$	23.33

Note: Included four (4) dedicate circuits insulated ground up to six (6) receptacle duplex. This additional electric circuit require the availability capacity of electric distribution panel.



INTERNAL CONNECTIONS PRICE PROPOSAL

**ELIGIBLE PRODUCTS**

EQUIPMENT	MANUF.	PART NO.	DESCRIPTION	QTY	UNIT	EXTENDED
			1 " Rigid Conduit	10	\$ 2.64	\$ 26.42
			1 " Rigid Coupling	1	\$ 1.22	\$ 1.22
			1 " Rigid Connector w/ lock	2	\$ 4.67	\$ 9.33
			1 " Rigid Bushing	2	\$ 1.75	\$ 3.50
			1 " Rigid Elbow	2	\$ 5.83	\$ 11.66
			1 " Rigid LB Condulet	1	\$ 6.42	\$ 6.42
Openlink	Service		Openlink Professional Services for installation.	4	\$ 524.86	\$ 2,099.45
<b>TOTAL:</b>						<b>\$ 2,652.12</b>

**Installation of Concentrator Box for up to 12 Classrooms and/or at one concentrator box for each building.**

			36" Hx24"W x 24"D wallmount cabinet corrosion resistant with fan kit	1	\$ 1,283.00	\$ 1,283.00
			Double Expansion Sleeve Stretch Anchor 1 material: zinc alloy 3# 2. size:3/8 bolt,3/4 drill	4	\$ 1.17	\$ 4.67
			HEX Bolt 3/8 x 2 -1/2"	4	\$ 0.37	\$ 1.49
			Flat Washer 3/8 x 1"	4	\$ 0.06	\$ 0.23
			2RU Wire Manager Panel	1	\$ 34.99	\$ 34.99
			48 port Patch Panel Unloaded	1	\$ 41.17	\$ 41.17
			Ground Bus 1" x 6" x 1/4" Thick, mounted on stand- off insulators type G-12804	1	\$ 7.76	\$ 7.76
			THHN Cable # 6	25	\$ 0.61	\$ 15.16



**INTERNAL CONNECTIONS PRICE PROPOSAL**

**ELIGIBLE PRODUCTS**

EQUIPMENT	MANUF.	PART NO.	DESCRIPTION	QTY	UNIT	EXTENDED	
Note: Based on drawing ED01 Classroom-1 Layout.			2U UPS Rack Mount 2700W/3000VA six outlets with protection, frequency variation, line noise & harmonic distortion puerto ethernet para manejo.	1	\$ 1,049.73	\$ 1,049.73	
			1 " Rigid Conduit	15	\$ 2.65	\$ 39.71	
			1 " Rigid Coupling	1	\$ 1.22	\$ 1.22	
			1 " Rigid Connector w/ lock	2	\$ 4.67	\$ 9.33	
			1 " Rigid Bushing	2	\$ 1.75	\$ 3.50	
			1 " Rigid Elbow	2	\$ 5.83	\$ 11.66	
			1 " Rigid LB Condulet	1	\$ 6.42	\$ 6.42	
			Ground Rod 5/8 x 8"	1	\$ 12.25	\$ 12.25	
			Exothermic bonding	1	\$ 5.83	\$ 5.83	
	Openlink	Service	Openlink Professional Services for installation.	1	\$ 104.97	\$ 104.97	
	<b>TOTAL:</b>						\$ 2,633.10
	<b>Installation of UTP Cat 6 uplink cable for switch interconnections use (Backbone).</b>						
			UTP cat 6 OSP	295	\$ 0.30	\$ 89.46	
			Keystone Jacks Cat 6 to Up link	2	\$ 2.59	\$ 5.18	
			Misc.	1	\$ 5.83	\$ 5.83	
Openlink	Service	Openlink Professional Services for installation.	1	\$ 58.32	\$ 58.32		
<b>TOTAL:</b>						\$ 158.79	

Note: Max. distance up to 295 ft.



INTERNAL CONNECTIONS PRICE PROPOSAL

ELIGIBLE PRODUCTS

EQUIPMENT	MANUF.	PART NO.	DESCRIPTION	QTY	UNIT	EXTENDED
<b>Installation of Fiber Optic uplink cable for switch interconnections use (Backbone).</b>						
			4RU Fiber Enclosure	2	\$ 183.70	\$ 367.40
			1RU Fiber Enclosure	1	\$ 85.38	\$ 85.38
			6 SC- Fiber Adapter Panel	1	\$ 32.37	\$ 32.37
			SC Pig Tails	2	\$ 3.79	\$ 7.58
			Splice Heat Shink	12	\$ 0.58	\$ 7.00
			Splice Tray small	12	\$ 27.53	\$ 330.31
			1RU Preloaded 12 SC	2	\$ -	\$ -
			SC-LC Patch Cord 1M	1	\$ 10.50	\$ 10.50
			SC-LC Patch Cord 2M	1	\$ 10.50	\$ 10.50
			6F interior riser 150M 50/125	1	\$ 0.59	\$ 0.59
Openlink		Service	Openlink Professional Services for installation.	1	\$ 857.28	\$ 857.28
<b>TOTAL:</b>						<b>\$ 1,708.91</b>

Note: Max. distance up to 450 ft.

<b>Installation of Pipe 1-1/2 EMT for Fiber Optic uplink cable (Backbone)</b>						
			1 1/2 EMT Conduit	450	\$ 1.69	\$ 761.05
			1 1/2 EMT Coupling	45	\$ 1.17	\$ 52.49
			1 1/2 EMT Connector w/ lock	2	\$ 1.46	\$ 2.92
			1 1/2 Bushing	2	\$ 1.75	\$ 3.50
			1 1/2 EMT Elbow	4	\$ 5.42	\$ 21.69
			1 1/2 EMT LB Condulet	4	\$ 15.16	\$ 60.65
			1 1/2 EMT C Condulet	4	\$ 8.16	\$ 32.66
			Channel Strut	40	\$ 1.87	\$ 74.65

Note: Max. distance up to 450 ft.



**INTERNAL CONNECTIONS PRICE PROPOSAL**

**ELIGIBLE PRODUCTS**

EQUIPMENT	MANUF.	PART NO.	DESCRIPTION	QTY	UNIT	EXTENDED
			1 1/2 Channel Clamp	90	\$ 0.93	\$ 83.98
			Tapcon 1/4 x 1 1/4	160	\$ 0.12	\$ 18.66
	Openlink	Service	Openlink Professional Services for installation.	1	\$ 1,632.91	\$ 1,632.91
<b>TOTAL:</b>						<b>\$ 2,745.15</b>

**Installation of Cisco Ethernet Switch (Option 1) with UTP SFP module for Concentrator Box or DOE Central Office.**

Cisco	SGE2010P		Cisco SGE2010P 360W 48-Port PoE SMB Gigabit Switch; 4-mini-GBIC slots	1	\$ 1,110.44	\$ 1,110.44
Cisco	MGBT1		Cisco MGBT1 Gigabit Ethernet 1000 BASE-T Mini-GBIC SFP Module	1	\$ 138.80	\$ 138.80
Openlink	Service		Openlink Professional Services for installation & Configuration.	1	\$ 83.33	\$ 83.33
<b>TOTAL:</b>						<b>\$ 1,332.57</b>

Note:

**Installation of Cisco Ethernet Switch (Option 1) with UTP SFP module for Concentrator Box or DOE Central Office.**

Cisco	SGE2010P		Cisco SGE2010P 360W 48-Port PoE SMB Gigabit Switch; 4-mini-GBIC slots	1	\$ 1,110.44	\$ 1,110.44
Cisco	MGBSX1		Cisco Small Business MGBSX1 SFP (mini-GBIC) transceiver module - LC - Plug-in module	1	\$ 154.23	\$ 154.23
Openlink	Service		Openlink Professional Services for installation & Configuration.	1	\$ 83.33	\$ 83.33
<b>TOTAL:</b>						<b>\$ 1,348.00</b>

Note:



**INTERNAL CONNECTIONS PRICE PROPOSAL**

**ELIGIBLE PRODUCTS**

EQUIPMENT	MANUF.	PART NO.	DESCRIPTION	QTY	UNIT	EXTENDED
<b>Installation of Juniper Ethernet Switch (Option 2) with UTP SFP module for Concentrator Box or DOE Central Office.</b>						
Juniper	EX2200-48P-4G	EX2200, 48-port 10/100/1000BaseT (48-ports PoE+) with 4 SFP uplink ports (optics not included)	1	\$	1,599.81	\$ 1,599.81
Juniper	EX-SFP-1GE-T	SFP 1000BaseT 10/100/1000 Copper Transceiver Module for up to 100 m transmission on Cat5	1	\$	142.36	\$ 142.36
Openlink	Service	Openlink Professional Services for installation & Configuration.	1	\$	83.33	\$ 83.33
<b>TOTAL:</b>						<b>\$ 1,825.51</b>
<b>Installation of Juniper Ethernet Switch (Option 2) with UTP SFP module for Concentrator Box or DOE Central Office.</b>						
Juniper	EX2200-48P-4G	EX2200, 48-port 10/100/1000BaseT (48-ports PoE+) with 4 SFP uplink ports (optics not included)	1	\$	1,599.81	\$ 1,599.81
Juniper	EX-SFP-1GE-SX	SFP 1000Base-SX Gigabit Ethernet Optics, 850nm for up to 550m Transmission on MMF	1	\$	177.95	\$ 177.95
Openlink	Service	Openlink Professional Services for installation & Configuration.	1	\$	83.33	\$ 83.33
<b>TOTAL:</b>						<b>\$ 1,861.10</b>
<b>Installation of Cisco Access Point for DOE Central Office.</b>						



**INTERNAL CONNECTIONS PRICE PROPOSAL**

**ELIGIBLE PRODUCTS**

EQUIPMENT	MANUF.	PART NO.	DESCRIPTION	QTY	UNIT	EXTENDED
	Cisco	AIR-LAP1142N-A-K9	802.11a/g/n Fixed Unified AP; Int Ant; A Reg Domain1	1	\$ 855.84	\$ 855.84
	Cisco	AIR-AP-BRACKET-1	802.11n AP Low Profile Mounting Bracket (Default)1	1	\$ -	\$ -
Note:	Cisco	AIR-AP-T-RAIL-R	Ceiling Grid Clip for Aironet APs - Recessed Mount (Default)1	1	\$ -	\$ -
	Cisco	S114RK9W-12421JA	Cisco 1140 Series IOS WIRELESS LAN LWAPP RECOVERY1	1	\$ -	\$ -
	Openlink	Service	Openlink Professional Services for installation & Configuration.	1	\$ 166.67	\$ 166.67
<b>TOTAL:</b>						<b>\$ 1,022.51</b>

**School Assessment**

Openlink	Service	Professional service for one (1) school assessment to define the detail of components required.	1	\$ 233.27	\$ 233.27
<b>TOTAL:</b>					<b>\$ 233.27</b>

**School Project Management**

Openlink	Service	Professional service for one (1) school to project management, including report and documentation.	1	\$ 880.00	\$ 880.00
<b>TOTAL:</b>					<b>\$ 880.00</b>





INTERNAL CONNECTIONS PRICE PROPOSAL

ELIGIBLE PRODUCTS

EQUIPMENT	MANUF.	PART NO.	DESCRIPTION	QTY	UNIT	EXTENDED



**INTERNAL CONNECTIONS PRICE PROPOSAL**

**INELIGIBLE PRODUCTS**

EQUIPMENT	MANUF.	PART NO.	DESCRIPTION	QTY	UNIT	EXTENDED
<b>Installation of Electricity for Concentrator Box.</b>						
			1 1/2 EMT Conduit	200	\$	338.25
			1 1/2 EMT Coupling	20	\$	23.33
			1 1/2 EMT Connector w/ lock	2	\$	2.92
			1 1/2 Bushing	2	\$	1.63
			1 1/2 EMT Elbow	4	\$	21.69
			1 1/2 EMT LB Condulet	2	\$	30.33
			1 1/2 EMT C Condulet	2	\$	16.33
			Channel Strut	20	\$	37.32
			1 1/2 Channel Clamp	40	\$	37.32
			Tapcon 1/4 x 1 1/4	80	\$	9.33
			THNN #6 Black	200	\$	121.30
			THNN #6 White	200	\$	121.30
			THNN # 6 Green	200	\$	121.30
			Load Center Small 36 Breaker Minimo	1	\$	87.48
			Breaker 120V/20A GE	1	\$	4.28
			Back box 4x4	1	\$	0.68
			face plate duplex double gang	1	\$	0.23
			insulated ground receptacle	2	\$	8.44
			3/4 Conduit	10	\$	4.67
			3/4 one hole clamp	2	\$	0.30
			3/4 conector w/ lock	2	\$	0.68
			3/4 bushing	2	\$	0.23

Note: Max. distance up to 200 ft. This additional electric circuit require the availability capacity of electric substation.



**INTERNAL CONNECTIONS PRICE PROPOSAL**

**INELIGIBLE PRODUCTS**

EQUIPMENT	MANUF.	PART NO.	DESCRIPTION	QTY	UNIT	EXTENDED
			Ground Bus 1" x 6" x 1/4" Thick, mounted on stand- off insulators type G-12804	1	\$ 7.65	\$ 7.65
			Ground Rod 5/8 x 8"	1	\$ 12.25	\$ 12.25
			Ground Rod Clamp Heavy duty 5/8	1	\$ 5.83	\$ 5.83
	Openlink	Service	Openlink Professional Services for installation.	1	\$ 1,632.91	\$ 1,632.91
					<b>TOTAL:</b>	\$ 2,647.98
<b>Master Electrician Certification</b>						
Note:	Openlink	Service	Professional service for one (1) school to Master Electrician Certification.	1	\$ 408.23	\$ 408.23
					<b>TOTAL:</b>	\$ 408.23