PURCHASE ORDER

Page 1

Trinidad State College Purchasing 600 Prospect Street Trinidad, CO 81082 719.846.5543/ 719.846.5667 (fax)

Purchase Order P0002888 Issue Date: 05/24/24 **Date Required** 05/24/24

Freight Terms

Buyer

Phone

Mario Montoya

720.858.2852

Vendor:

Systec101 LLC 11871 E 33rd Ave Unit B Aurora CO 80010-1461

Ship to:

IRA WILLIAMSON | PH: (719) 846-5661 Trinidad State Collège

600 Prospect Street Trinidad CO 81082

Vendor Information

ID:

S03110528

Phone: Fax: **Email**

Invoice to:

Trinidad State College Accounts Payable 600 Prospect Street

Trinidad, CO 81082-2396

ACCOUNT NUMBER 1 ACCOUNT NUMBER 2 **ACCOUNT NUMBER 3** 072999-172999-775190

\$135,736.19

ACCOUNT NUMBER 6

ACCOUNT NUMBER 5 **ACCOUNT NUMBER 4**

> State of Colorado Purchase Order Terms & Conditions are incorporated by reference & can be found here: https://www.colorado.gov/pacific/osc/purchase-order-terms-conditions

Purchase Order Number must appear on all invoices, packing slips, cartons and correspondence.

In compliance with CRS 24-103-211, CCCS and its colleges report on Service-Disabled Veteran Owned Small Business (SDVOSB) contracts. If Vendor qualifies as a SDVOSB business, please submit proof of certification to the Buyer at the above address.

Unit Cost Net Amount Line Quantity Unit Description TSC IFB24-031 BID WINNER RURAL COLLEGE CONSORTIUM PROJECT TRINIDAD STATE COLLEGE (MAIN CAMPUS) 775190-01 1 PARTS AND LABOR FOR ATTACHED BID RESPONSE AND 135,736.19 PROPOSAL | REMOVAL AND DISPOSAL OF EXISTING WIRE

For State Purchasing Director

DocuSigned by:

TOTAL

135,736.19

Purchasing Agent

5/24/2024

MATERIAL AND INSTALLATION OF CAT 6 WIRING

Colorado Community College System

Purchase Requisition

College Business Officer/Controller Signature



Purchasing Office Only

✓ Purchase Order required: PO# 2888

Forward Signed Original to IT Purchasing – Keep copy for

☐ Payment Authorization for Services

Order Date		Footpri	nts	Payment methods A copy of this Purc backup document Purchasing Office	chase Requisiti tation in PCard	on must be inc	cluded as	
<u>Requestir</u>	ng Department/[Delivery Infor	mation_	Vendor Informa	<u>tion</u>			
Name	Ira Williamson			Name	Systec101			
Phone/Ext				Address	11871 E 33rd	Ave Unit B		
·					Aurora	СО	80010	
Chin To	CCCS IT Receiving			Phone	970-646-2706			
Ship To	9101 E Lowry Blvd	 		Email	info@systec1	01.com		
	Denver		80230	Contact	Murat Yildirim	1		
Attn To	IT-24 - 14635							
Organization Co	, ,		Amount	Organization Code (Co	ost Ctr) # 2		r Amount	
Organization Co	2999 do (Cost Ctr) # 3	-	.736.19 Amount	Organization Code (Co	net Ctr) # A		0.00 r Amount	
Organization Co	ue (Cost Cii) # 3).00	Organization code (Co	J5t Gti) # 4		0.00	
		Ψ.	,,,,,,			Ψ.		
BANNER			Price Agreement:	TSC IFB24-031 RCC F	ROJECT			
COMMODITY CODE (Object Code)	QUANTITY	UNIT		DESCRIPTION		PRICE PER UNIT	TOTAL PRICE	
						<u> </u>		
775190-01	1		PARTS AND LAE	OR FOR ATTACHED BID R	ESPONSE AND	\$135,736.19	\$135,736.19	
			"	Shipping	\$0.00	TOTAL	\$135,736.19	
Organization C RCC Project Docusigned b Va Willia College 11 Dire	oy: L Stevenson 5/2 Stevenson 5/2 MSon 5/2 Stor Signature oy:	23/2024		PURCHASE FOR TRINIDA D WINNER, SYSTEC101 ATTACHED: Bid Winner Respons Budget Sheet				
Shannoi	n Shively 51	23/2024		Forward Signed Orig	inal to IT Dura	hasing Kas	o convitor	

your records

COLORADO COMMUNITY COLLEGE SYSTEM INVITATION FOR BID RESPONSE SHEET

CCCS IFB 24-031, DUE: 5/21/2024, 5:00 pm MT

Please pr	Please provide total amounts below. In addition, provide a detailed quote breaking down costs.								
Est. Qty	Product/Service		Total						
NA	Total Cost for Equipment		\$ 39,036.19						
NA	Total Cost for Removal and Disposal of Current								
	Wiring		\$ 16,900.00						
NA	Total Cost for Installation		\$ 67,800.00						
NA	Additional costs - please describe	Miscellaneous	\$ 12,000.00						
	Installation cost broken by room	\$ 561.00							
	•	GRAND TOTAL	\$ 135,736.19						

Items that Must Be Included with Bid:

- 1. Warranty Information
- 2. Completed W-9 form attached to this bid.
- 3. Quote providing detailed costs for equipment and installation. Please provide unit pricing for the equipment. Please provide the installation cost broken down by room.

******THE FOLLOWING MUST BE COMPLETED AND INCLUDED WITH BID******

Vendor Name	Systec101										
Vendor Address	11871 E 33rd Ave, Unit	1871 E 33rd Ave, Unit B Aurora CO									
Vendor Phone / Fax	303-537-7575	3-537-7575									
E-Mail Address	info@systec101.com										
Printed Name, Title	Murat Yildirim , Owner										
Signature	Nun-										
Contact Name, if different	-										
Contact Phone/Email	- Cell: 970-646-2706	Cell: 970-646-2706 e-mail:my@systec101.com									
Assured Delivery Date	August 5 2024	August 5 2024									
Payment Terms	FOB Destination /	Net 45 ✓									
Using the Federal Governm	nent definition, does your	company qualify as:									
A Small Business	Yes_√_ No	A Woman Owned B	usiness	Yes No <u>~</u>							
A Minority Business	Yes No_✓	If Yes, State Ethnicit	y								
A Service Disabled Veter	an Owned Small Busine	ss (SDVOSB) (If yes	, provide	Yes No V							
certification)											
Federal ID Number	47-1644654										
Are you a member of the C	ColoradoVSS System? Y	es_√_ No	VSS# VS	50000000017954							

SYSTEC101 11871 E 33rd Ave Suite B, Aurora CO 80010 info@systec101.com 303-537-7575



We are SYSTEC101

Date: 16/05/2024

Base Proposal

SYSTEC101 will be providing the following:

Please note that based on general contractor's request, SYSTEC101 will demolish old coax and cat5e cables and run new Cat6 cables to the given units and relocate mentioned IDF and replace racks at IDF's as mentioned below in the SOW.

Location	Cost break	down for each Location
Demoltion and Installation For Johnson hall	\$	31,252.66
Demolition and Installation For Romero hall	\$	22,511.34
Demolition and Installation For O'corner hall	\$	30,876.24
Demolition and Installation For Huggins west hall	\$	24,588.16
Demolition and Installation For Huggins east hall	\$	26,507.80
Base proposal Grand Total	\$	135,736.19

Scope of Work

Cat6 installation: Johnson hall:

- 1. Systec101 will demolish and dispose existing coax cables from (56) rooms, can use them as a pull wire.
- 2. We will furnish and install (56) Cat6 cables in each room to the nearest IDF.
- 3. We will furnish and terminate a total of (112) RJ45 jack modules to Cat6 cable on each end.
- 4. We will furnish and install (56) single gang 1 port faceplate for each outlet.
- 5. We will furnish and install (10) D-rings to support vertical traverse of cables.
- 6. We will furnish and install (60) double expansion anchor to support horizontal traverse of cables.
- 7. We will furnish and install (30) Threaded Ceiling Kit to support horizontal traverse of cables.
- 8. We will furnish and install (60) 4" J Hooks to support horizontal traverse of cables.
- 9. All the penetrations for the installations will be firestopped. We will furnish and install (5) 2" firestop sleeves.
- 10. We will furnish and install neccessary grounding materials.
- 11. All cabling will be secured using velcro, tie-wraps and other necessary supporting material.

IDF Build out:

- 1. We will replace the existing 12U rack with a new (1) 22U Wallmount Cabinet in the IDF room.
- 2. We will furnish and install (2) horizontal cable manager.
- 3. We will furnish and install (2) Strain Relief Bar.
- 4. We will furnish and install (2) 48 port modular patch panel.
- 5. All the penetrations for the installations will be firestopped.
- 6. All cabling will be secured using velcro, tie-wraps and other necessary supporting material.

Cat6 installation:

Romero hall:

- 1. Systec101 will demolish and dispose existing coax cables from (38) rooms, can use them as a pull wire.
- 2. We will furnish and install (38) Cat6 cables in each room to the nearest IDF.
- 3. We will furnish and terminate (76) RJ45 jack modules to Cat6 cable on each end.
- 4. We will furnish and install (38) single gang 1 port faceplate in each outlet.
- 5. We will furnish and install (10) D-rings to support cables.
- 6. We will furnish and install (60) double expansion anchor to support cables.
- 7. We will furnish and install (30) Threaded Ceiling Kit to support cables.
- 8. We will furnish and install (60) 4" J Hooks to support cables.
- 9. All the penetrations for the installations will be firestopped.
- 10. We will furnish and install neccessary grounding materials
- 11. All cabling will be secured using velcro, tie-wraps and other necessary supporting material.

IDF Build out:

- 1. We will utilize the available space in the existing rack.
- 2. We will furnish and install (2) horizontal cable manager.
- 3. We will furnish and install (2) Strain Relief Bar.
- 4. We will furnish and install (2) 48 port unloaded patch panel.
- 5. All the penetrations for the installations will be firestopped.
- 6. All cabling will be secured using velcro, tie-wraps and other necessary supporting material.

Cat6 installation:

O'conner hall:

- 1. Systec101 will demolish and dispose existing coax cables from (56) rooms, can use them as a pull wire.
- 2. We will furnish and install (56) Cat6 cables in each room to the nearest IDF.
- 3. We will furnish and terminate (112) RJ45 jack modules to Cat6 cable on each end.
- 4. We will furnish and install (56) single gang 1 port faceplate in each outlet.
- 5. We will furnish and install (10) D-rings to support cables.
- 6. We will furnish and install (60) double expansion anchor to support cables.
- 7. We will furnish and install (30) Threaded Ceiling Kit to support cables.
- 8. We will furnish and install (60) 4" J Hooks to support cables.
- 9. All the penetrations for the installations will be firestopped.
- 10. We will furnish and install neccessary grounding materials
- 11. All cabling will be secured using velcro, tie-wraps and other necessary supporting material.

IDF Build out:

- 1. We will demolish the existing IDF and install (1) 36U frame rolling rack in the new IDF room.
- 2. We will furnish and install (2) horizontal cable manager.
- 3. We will furnish and install (2) Strain Relief Bar.
- 4. We will furnish and install (2) 48 port unloaded patch panel.
- 5. All the penetrations for the installations will be firestopped.
- 6. All cabling will be secured using velcro, tie-wraps and other necessary supporting material.
- 7. We will not relocate the verkada access control panels.
- 8. We will not relocate or extend the fiber optic cable from the existing IDF location to the new IDF location.

Cat6 installation:

Huggins West hall:

- 1. Systec101 will demolish and dispose existing coax cables from (43) rooms, can use them as a pull wire.
- 2. We will furnish and install (43) Cat6 cables in each room to the nearest IDF.
- 3. We will furnish and terminate (86) RJ45 jack modules to Cat6 cable on each end.
- 4. We will furnish and install (43) single gang 1 port faceplate in each outlet.
- 5. We will furnish and install (10) D-rings to support cables.
- 6. We will furnish and install (60) double expansion anchor to support cables.
- 7. We will furnish and install (30) Threaded Ceiling Kit to support cables.
- 8. We will furnish and install (60) 4" J Hooks to support cables.
- 9. All the penetrations for the installations will be firestopped.
- 10. We will furnish and install neccessary grounding materials
- 11. All cabling will be secured using velcro, tie-wraps and other necessary supporting material.

IDF Build out:

- 1. We will replace the existing rack in IDF with a new (1) 36U frame rolling rack in the new IDF room.
- 2. We will furnish and install (2) horizontal cable manager.
- 3. We will furnish and install (2) Strain Relief Bar.
- 4. We will furnish and install (2) 48 port modular patch panel.
- 5. All the penetrations for the installations will be firestopped.
- 6. All cabling will be secured using velcro, tie-wraps and other necessary supporting material.

Cat6 installation:

Huggins east hall:

- 1. Systec101 will demolish and dispose existing coax cables from (48) rooms, can use them as a pull wire.
- 2. We will furnish and install (48) Cat6 cables in each room to the nearest IDF.
- 3. We will furnish and terminate (96) RJ45 jack modules to Cat6 cable on each end.
- 4. We will furnish and install (48) single gang 1 port faceplate in each outlet.
- 5. We will furnish and install (10) D-rings to support cables.
- 6. We will furnish and install (60) double expansion anchor to support cables.
- 7. We will furnish and install (30) Threaded Ceiling Kit to support cables.
- 8. We will furnish and install (60) 4" J Hooks to support cables.
- 9. All the penetrations for the installations will be firestopped.
- 10. We will furnish and install neccessary grounding materials
- 11. All cabling will be secured using velcro, tie-wraps and other necessary supporting material.

IDF Build out:

- 1. We will terminate all the Huggin's east wing cables at the available IDF in the Huggin's west wing.
- 2. We will furnish and install (2) horizontal cable manager.
- 3. We will furnish and install (2) Strain Relief Bar.
- 4. We will furnish and install (2) 48 port unloaded patch panel.
- 5. All the penetrations for the installations will be firestopped.
- 6. All cabling will be secured using velcro, tie-wraps and other necessary supporting material.

Grounding:

1. All IT equipment and rack will be bonded with the grounding busbar provided in the IDF room. Grounding busbar and backbone cabling for the IT room will be provided by the electrical contractor or others.

Common:

- 1. SYSTEC101 will install, terminate, test and label all Cat 6 cables.
- 2. All patch panels will be provided with a strain relief bar.
- 3. All labeling will be machine printed.
- 4. All the penetrations made for the installation of telecommunication cables will be firestopped.
- 5. All terminations and testing will be done as per TIA/EIA/BICSI standards.

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.
- 3. Furnishing and installation of fire rated plywood and telecom busbars in the MDF/IDFs.
- 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 Room.
- 6. Furnishing and installation of grounding backbone in the IDF Room.

Qualifications:

- 1. Due to extreme price fluctuations, we can only hold the material pricing for 90 days. Any material price hikes after 90 days will be borne by the cl
- 2. All work is to be performed during regular working hours, unless otherwise noted. This proposal includes prevailing wage rates.
- 3. All work to be performed in an environment free from hazardous and/or regulated materials (e.g. asbestos).
- 4. Patching and painting, except for repairs due to breakage, are not included.
- 5. Replacement of permanently installed ceiling tile (if concealed spline) is not included.
- 6. Removal of debris from premises (haulage) is not included.
- 7. Hoisting charges are not included.
- 8. If required, stub ups, conduit and coring are to be provided by customer.
- 9. Fire stopping, unless otherwise noted, is not included.
- 10. Pricing does not include any surface raceways, wiremold, power poles, UPS or any scope of work related to security, networking equipments.
- 11. Unless otherwise noted herein, entire project to be performed in a continuous, uninterrupted manner.
- 12. Where installation by SYSTEC101 is required under the terms of this contract, the apparatus and equipment covered by this contract shall be installed in a neat and workmanlike manner; wires shall be run in the most economical way.
- 13. SYSTEC101 retains the right to make equivalent equipment substitutions based on availability and engineering considerations. Any substitutions will be subject to customer approval before substitution.
- 14. SYSTEC101 must have proper access to all areas necessary to complete the project in a timely fashion.
- 15. Any additional labor or material required beyond the scope of this proposal will be done on a change order, signed by a customer representative
- 16. Pricing does not include any Manlifts. It will be charged separately as needed.
- 17. Pricing does not include any cable tray or its related products.
- 18. UPS & PDU's are not included in this proposal.
- 19. Innerducts are provided by general contractor or others.
- 20. Uplinking the entire network using active electronics by others. We will only provide empty network infrastructure, powering the network using network would be the customer's responsibility.
- 21. No patch cords is included in this proposal. It should be provided by the district or others. If required, a new change order will be propose
- 22. No new backbone cabling will be provided, we will use existing backbone cabling.
- 23. This proposal assumes to use existing conduits and back boxes available from the hallway to each dorm's data outlets, if that doesn't comply with the BICSI code or cannot be used, then a change order to install new 1/2" conduits will be presented.

Warranty:

- 1. SYSTEC101 warrants that it has satisfactorily performed the installation work comprising the Project and agrees to repair without additional cost to the Customer any malfunctions or defects of the Project arising from its installation services or its customization or modification of purchased equipment, if the Project involved such customization or modification. This warranty shall expire one year after the completion of the Project. SYSTEC101 is not responsible for and does not warrant the satisfactory performance of the equipment installed as part of the Project excepting for any customization and modification performed by SYSTEC101 and the Customer must look solely to any equipment manufacturer warranties in the event of equipment malfunctions or defects. If a malfunction or defect in the Project is determined to be equipment related, SYSTEC101 during its one year warrant period will reasonably assist Customer is obtaining any warranty coverage provided by equipment manufacturers.
- 2. Manufacturer's warranty for 25-years will be provided.

Cat 6 Cable Installation in Johnson:

Equipment and I	Labor:
Part Numbe	

Equipment and Labor:	I			1		
Part Number	Materials	Quantity	Material Price	Labor Cost	Unit Price	Ext.Price
71367	Kendall Howard, 22U Fixed Wallmount Cabinet - Glass Door	1	\$ 509.4	10 \$ -	\$ 509.40	\$ 509.40
6P4P24-WH-P-GCC-APCE	Genspeed® 6 Cat 6 Plenum Cable White 1000 ft. Box	11	\$ 365.8	88 \$ -	\$ 365.88	\$ 4,024.68
CJ688TGBU	Mini-Com UTP RJ45 Cat 6 TG Jack Module (Color-TBD)	114	\$ 13.5	57 \$ -	\$ 13.57	\$ 1,547.21
CFPL1WHY	Mini Com Classic series single gang vertical faceplate	57	\$ 3.0	7 \$ -	\$ 3.07	\$ 175.10
AR-D35	Arlington 5 Inch D Ring - BLACK	10	\$ 3.2	.4 \$ -	\$ 3.24	\$ 32.40
305969	2 in. firestop sleeve kit	5	\$ 60.3	.8 \$ -	\$ 60.18	\$ 300.90
ERICO-CAT64HP	Caddy 4" J-Hook High Performance	60	\$ 13.9	2 \$ -	\$ 13.92	\$ 835.20
DEA516	5/16"-18 Double Expansion Anchor	60	\$ 1.6	53 \$ -	\$ 1.63	\$ 97.92
40667	Threaded Ceiling Kit	30	\$ 35.8	31 \$ -	\$ 35.81	\$ 1,074.24
30139-719	Chatsworth horizontal cable manager 9.25"W x 1.72"H	2	\$ 76.0	01 \$ -	\$ 76.01	\$ 152.02
449671	Strain Relief Bar 7 Inch Depth	2	\$ 60.0	98 \$ -	\$ 60.08	\$ 120.17
CPP48WBLY	Mini-Com Patch Panel 48 Port 2 RU - Unloaded	2	\$ 101.	'1 \$ -	\$ 101.71	\$ 203.42
N/A	Grounding Kits	1	\$ 180.0	00 \$ -	\$ 180.00	\$ 180.00

Part Number	Labor	Quantity	Material Price	Labor Cost	Unit Price	Ext.Price
N/A	Labor for demolition	40	\$ -	\$ 100.00	\$ 100.00	\$ 4,000.00
N/A	Labor for rack re-install	8	\$ -	\$ 100.00	\$ 100.00	\$ 800.00
N/A	Labor for horizontal cabling installation and testing	132	\$ -	\$ 100.00	\$ 100.00	\$ 13,200.00
N/A	Labor for core drilling	16	\$ -	\$ 100.00	\$ 100.00	\$ 1,600.00
N/A	Miscellaneous	24	\$ -	\$ 100.00	\$ 100.00	\$ 2,400.00

Total Equipment Cost

31,252.66

Cat 6 Cable Installation in Romero:

Equipment and Labor:

Equipment and Labor:						
Part Number	Materials	Quantity	Material Price	Labor Cost	Unit Price	Ext.Price
6P4P24-WH-P-GCC-APC	E GenSPEED® 6 Cat 6 Plenum Cable White 1000 ft. Box	8	\$ 365.88	\$ -	\$ 365.88	\$ 2,927.04
CJ688TGBU	Mini-Com UTP RJ45 Cat 6 TG Jack Module (Color-TBD)	76	\$ 13.57	\$ -	\$ 13.57	\$ 1,031.47
CFPL1WHY	Mini Com Classic series single gang vertical faceplate	38	\$ 3.07	\$ -	\$ 3.07	\$ 116.74
AR-D35	Arlington 5 Inch D Ring - BLACK	10	\$ 3.24	\$ -	\$ 3.24	\$ 32.40
305969	2 in. firestop sleeve kit	4	\$ 60.18	\$ -	\$ 60.18	\$ 240.72
ERICO-CAT64HP	Caddy 4" J-Hook High Performance	60	\$ 13.92	\$ -	\$ 13.92	\$ 835.20
DEA516	5/16''-18 Double Expansion Anchor	60	\$ 1.63	\$ -	\$ 1.63	\$ 97.92
40667	Threaded Ceiling Kit	30	\$ 35.81	\$ -	\$ 35.81	\$ 1,074.24
30139-719	Chatsworth horizontal cable manager 9.25"W x 1.72"H	2	\$ 76.01	\$ -	\$ 76.01	\$ 152.02
449671	Strain Relief Bar 7 Inch Depth	2	\$ 60.08	\$ -	\$ 60.08	\$ 120.17
CPP48WBLY	Mini-Com Patch Panel 48 Port 2 RU - Unloaded	2	\$ 101.71	\$ -	\$ 101.71	\$ 203.42
N/A	Grounding Kits	1	\$ 180.00	\$ -	\$ 180.00	\$ 180.00
Part Number	Labor	Quantity	Material Price	Labor Cost	Unit Price	Ext.Price
N/A	Labor for demolition	26	\$ -	\$ 100.00	\$ 100.00	\$ 2,600.00
N/A	Labor for rack cleanup	4	\$ -	\$ 100.00	\$ 100.00	\$ 400.00
N/A	Labor for horizontal cabling installation and testing	89	\$ -	\$ 100.00	\$ 100.00	\$ 8,900.00
N/A	Labor for core drilling	12	\$ -	\$ 100.00	\$ 100.00	\$ 1,200.00
N/A	Miscellaneous	24	\$ -	\$ 100.00	\$ 100.00	\$ 2,400.00

Total Labor Cost

15,500.00

Grand Total :

Cat 6 Cable Installation in O'Conner:

Equipment and Labor:

Part Number	Materials	Quantity		Material Price	Labor Cost	Unit Price	Ext.Price
WO-36B	36U Frame Rack, 22.75" Dept	1	. \$	463.20	\$ -	\$ 463.20	\$ 463.20
6P4P24-WH-P-GCC-APC	GenSPEED® 6 Cat 6 Plenum Cable White 1000 ft. Box	11	. \$	365.88	\$ -	\$ 365.88	\$ 4,024.68
CJ688TGBU	Mini-Com UTP RJ45 Cat 6 TG Jack Module (Color-TBD)	112	\$	13.57	\$ -	\$ 13.57	\$ 1,520.06
CFPL1WHY	Mini Com Classic series single gang vertical faceplate	56	\$	3.07	\$ -	\$ 3.07	\$ 172.03
AR-D35	Arlington 5 Inch D Ring - BLACK	10	\$	3.24	\$ -	\$ 3.24	\$ 32.40
305969	2 in. firestop sleeve kit	5	\$	60.18	\$ -	\$ 60.18	\$ 300.90
ERICO-CAT64HP	Caddy 4" J-Hook High Performance	60	\$	13.92	\$ -	\$ 13.92	\$ 835.20
DEA516	5/16''-18 Double Expansion Anchor	60	\$	1.63	\$ -	\$ 1.63	\$ 97.92
40667	Threaded Ceiling Kit	30	\$	35.81	\$ -	\$ 35.81	\$ 1,074.24
30139-719	Chatsworth horizontal cable manager 9.25"W x 1.72"H	2	\$	76.01	\$ -	\$ 76.01	\$ 152.02
449671	Strain Relief Bar 7 Inch Depth	2	\$	60.08	\$ -	\$ 60.08	\$ 120.17
CPP48WBLY	Mini-Com Patch Panel 48 Port 2 RU - Unloaded	2	\$	101.71	\$ -	\$ 101.71	\$ 203.42
N/A	Grounding Kits	1	. \$	180.00	\$ -	\$ 180.00	\$ 180.00
Part Number	Labor	Quantity		Material Price	Labor Cost	Unit Price	Ext.Price
N/A	Labor for demolition	37	\$	-	\$ 100.00	\$ 100.00	\$ 3,700.00
N/A	Labor for rack re-install	8	\$	-	\$ 100.00	\$ 100.00	\$ 800.00
N/A	Labor for horizontal cabling installation and testing	132	\$	-	\$ 100.00	\$ 100.00	\$ 13,200.00
N/A	Labor for core drilling	16	\$	-	\$ 100.00	\$ 100.00	\$ 1,600.00
N/A	Miscellaneous	24	\$	-	\$ 100.00	\$ 100.00	\$ 2,400.00

9,176.24

Total Labor Cost

Grand Total:

Cat 6 Cable Installation in Huggins West:

Equipment and Labor:

Part Number	Materials	Quantity		Material Price	Labor Cost	Unit Price	Ext.Price
WO-36B	36U Frame Rack, 22.75" Dept	1	. \$	463.20	\$ -	\$ 463.20	\$ 463.20
6P4P24-WH-P-GCC-APCE	GenSPEED® 6 Cat 6 Plenum Cable White 1000 ft. Box	5	\$	365.88	\$ -	\$ 365.88	\$ 1,829.40
CJ688TGBU	Mini-Com UTP RJ45 Cat 6 TG Jack Module (Color-TBD)	86	\$	13.57	\$ -	\$ 13.57	\$ 1,167.19
CFPL1WHY	Mini Com Classic series single gang vertical faceplate	43	\$	3.07	\$ -	\$ 3.07	\$ 132.10
AR-D35	Arlington 5 Inch D Ring - BLACK	10	\$	3.24	\$ -	\$ 3.24	\$ 32.40
305969	2 in. firestop sleeve kit	5	\$	60.18	\$ -	\$ 60.18	\$ 300.90
ERICO-CAT64HP	Caddy 4" J-Hook High Performance	60	\$	13.92	\$ -	\$ 13.92	\$ 835.20
DEA516	5/16''-18 Double Expansion Anchor	60	\$	1.63	\$ -	\$ 1.63	\$ 97.92
40667	Threaded Ceiling Kit	30	\$	35.81	\$ -	\$ 35.81	\$ 1,074.24
30139-719	Chatsworth horizontal cable manager 9.25"W x 1.72"H	2	\$	76.01	\$ -	\$ 76.01	\$ 152.02
449671	Strain Relief Bar 7 Inch Depth	2	\$	60.08	\$ -	\$ 60.08	\$ 120.17
CPP48WBLY	Mini-Com Patch Panel 48 Port 2 RU - Unloaded	2	\$	101.71	\$ -	\$ 101.71	\$ 203.42
N/A	Grounding Kits	1	. \$	180.00	\$ -	\$ 180.00	\$ 180.00
Part Number	Labor	Quantity		Material Price	Labor Cost	Unit Price	Ext.Price
N/A	Labor for demolition	30	\$	-	\$ 100.00	\$ 100.00	\$ 3,000.00
N/A	Labor for rack re-install	8	\$	-	\$ 100.00	\$ 100.00	\$ 800.00
N/A	Labor for horizontal cabling installation and testing	102	\$	-	\$ 100.00	\$ 100.00	\$ 10,200.00
N/A	Labor for core drilling	16	\$	-	\$ 100.00	\$ 100.00	\$ 1,600.00
N/A	Miscellaneous	24	\$	-	\$ 100.00	\$ 100.00	\$ 2,400.00

 Total Equipment Cost
 \$ 6,588.16

 Total Labor Cost
 \$ 18,000.00

Grand Total: \$ 24,588.16

Cat 6 Cable Installation in Huggins East:

Equipment and Labor:

Equipment and Labor:						
Part Number	Materials	Quantity	Material Price	Labor Cost	Unit Price	Ext.Price
6P4P24-WH-P-GCC-APCE	GenSPEED® 6 Cat 6 Plenum Cable White 1000 ft. Box	7	\$ 365.88	\$ -	\$ 365.88	\$ 2,561.16
CJ688TGBU	Mini-Com UTP RJ45 Cat 6 TG Jack Module (Color-TBD)	96	\$ 13.57	\$ -	\$ 13.57	\$ 1,302.91
CFPL1WHY	Mini Com Classic series single gang vertical faceplate	48	\$ 3.07	\$ -	\$ 3.07	\$ 147.46
AR-D35	Arlington 5 Inch D Ring - BLACK	10	\$ 3.24	\$ -	\$ 3.24	\$ 32.40
305969	2 in. firestop sleeve kit	5	\$ 60.18	\$ -	\$ 60.18	\$ 300.90
ERICO-CAT64HP	Caddy 4" J-Hook High Performance	60	\$ 13.92	\$ -	\$ 13.92	\$ 835.20
DEA516	5/16"-18 Double Expansion Anchor	60	\$ 1.63	\$ -	\$ 1.63	\$ 97.92
40667	Threaded Ceiling Kit	30	\$ 35.81	\$ -	\$ 35.81	\$ 1,074.24
30139-719	Chatsworth horizontal cable manager 9.25"W x 1.72"H	2	\$ 76.01	\$ -	\$ 76.01	\$ 152.02
449671	Strain Relief Bar 7 Inch Depth	2	\$ 60.08	\$ -	\$ 60.08	\$ 120.17
CPP48WBLY	Mini-Com Patch Panel 48 Port 2 RU - Unloaded	2	\$ 101.71	\$ -	\$ 101.71	\$ 203.42
N/A	Grounding Kits	1	\$ 180.00	\$ -	\$ 180.00	\$ 180.00
Part Number	Labor	Quantity	Material Price	Labor Cost	Unit Price	Ext.Price
N/A	Labor for demolition	32	\$ -	\$ 100.00	\$ 100.00	\$ 3,200.00
N/A	Labor for rack re-install	8	\$ -	\$ 100.00	\$ 100.00	\$ 800.00
N/A	Labor for horizontal cabling installation and testing	115	\$ -	\$ 100.00	\$ 100.00	\$ 11,500.00
N/A	Labor for core drilling	16	\$ -	\$ 100.00	\$ 100.00	\$ 1,600.00
N/A	Miscellaneous	24	\$ -	\$ 100.00	\$ 100.00	\$ 2,400.00

 Total Equipment Cost
 \$ 7,007.80

 Total Labor Cost
 \$ 19,500.00

Grand Total: \$ 26,507.8