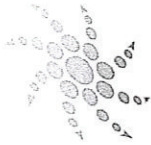


ADAMS COUNTY JUSTICE CENTER - PHASE II

**EXPENSE SUMMARY AS OF MARCH 1, 2017
MEMORANDUM OF UNDERSTANDING**

ESTIMATE OF CONSTRUCTION COSTS ATTRIBUTED TO COLORADO JUDICIAL DEPARTMENT:

CONSTRUCTION COST:	SOURCES (ATTACHED):	AMOUNT:
Audio/Visual Systems:	LINX Proposal (11/17/2016)	\$14,865.98
Communications Systems and Cabling:	LINX Proposal (10/07/2016)	\$60,685.11
	BVR 021 (Credit for Patch Cords)	
	Analysis of Network Cabling Costs	
Wireless Access Points:	BVR 023 (Additional WAPs)	\$19,985.53
TOTAL		\$95,536.62



LINX

Network Cabling | MultiMedia | Security Solutions

Estimated Materials for: Adams County - Judicial Center

Proposal Number: 16-05-V1861

Revision: 2

Description: Network Cabling

Option:

Labor: \$33,222.95

Materials: \$45,611.52

Expenses:

Subcontracting:

Bonding:

Freight:

Estimated Taxes: Not Included

Total: \$78,834.48

Qty.	Manufacturer	Part Number	Description	Material Unit	Material Extension
HORIZONTAL					
14000	UNIPRISE	7504	ULTRAMEDIA CATEGORY 6 UTP 4-PAIR PLENUM RATED CABLE (BLUE - DA AND COUNTY ATTORNEY)	\$0.31	\$4,270.00
62000	UNIPRISE	7504	ULTRAMEDIA CATEGORY 6 UTP 4-PAIR PLENUM RATED CABLE (YELLOW - STATE DATA)	\$0.31	\$18,910.00
7000	UNIPRISE	7504	ULTRAMEDIA CATEGORY 6 UTP 4-PAIR PLENUM RATED CABLE (WHITE - STATE VOICE)	\$0.31	\$2,135.00
65	UNIPRISE	UNJ600.	CATEGORY 6 MODULAR JACK (BLUE)	\$4.80	\$312.29
311	UNIPRISE	UNJ600.	CATEGORY 6 MODULAR JACK (YELLOW - STATE DATA)	\$4.80	\$1,494.20
31	UNIPRISE	UNJ600.	CATEGORY 6 MODULAR JACK (WHITE - STATE VOICE)	\$4.80	\$148.94
2	UNIPRISE	UNP610-48P	48-PORT CATEGORY 6 PATCH PANEL (2-RU) DADC	\$247.35	\$494.69
8	UNIPRISE	UNP610-48P	48-PORT CATEGORY 6 PATCH PANEL (2-RU) STATE DATA	\$247.35	\$1,978.78
2	UNIPRISE	UNP610-48P	48-PORT CATEGORY 6 PATCH PANEL (2-RU) STATE VOICE	\$247.35	\$494.69
2	UNIPRISE	UNP610-48P	48-PORT CATEGORY 6 PATCH PANEL (2-RU) TIES	\$247.35	\$494.69
88	UNIPRISE	108 168 469	2-PORT FLUSHMOUNT FACEPLATE (TBD)	\$1.30	\$114.25
54	UNIPRISE	108 168 584	6-PORT FLUSHMOUNT FACEPLATE (TBD)	\$1.79	\$96.60
16	UNIPRISE	UNIPRISE	FURNITURE FACEPLATE (TBD)	\$5.11	\$81.78
7	UNIPRISE	UNIPRISE	FLOORBOX MODULE (TBD)	\$5.11	\$35.78
16	UNIPRISE	107 984 049	2-PORT SURFACE MOUNT BOX (TBD)	\$2.44	\$39.09
Patch Cords					
814			CAT 6 PATCH CORD, LENGTH AND COLOR TBD WITH SITE CONTACT	\$7.67	\$6,240.69
8			MM FIBER JUMPERS	\$50.00	\$400.00
SUPPLIES					
226	CEAS	20102	2" CLIP-ON COMFORT CRADLE (WHITE)	\$2.17	\$490.22
226	CEAS	10001017201	6' ROD AND PIN	\$3.86	\$872.33
10	LINX	GENERAL	1/2" RISER RATED VELCRO TY WRAPS (75' ROLL)	\$24.44	\$244.45
12	LINX	GENERAL	1/2" PLENUM VELCRO TY WRAPS (75' ROLL)	\$48.89	\$586.67
6	STI	LCI320	SERIES LCI INTUMESCENT FIRESTOP SEALANT 20-OZ SAUSAGE	\$17.78	\$106.67
814	LINX	LINX	WRAP AROUND LABELS FOR CABLES	\$0.10	\$81.40
814	LINX	LINX	LABELS FOR JACKS, FACEPLATES & PANELS	\$0.10	\$81.40
30	LINX	LINX	CONSUMABLES	\$66.67	\$2,000.00
TELECOMMUNICATION ROOM					
2	CPI	55053-703	2-POST 19"X84" TELECOMMUNICATIONS RACK 45 RMU (BLACK)	\$150.73	\$301.47
2	MIDDLE ATLANTIC	UD3	STORAGE DRAWER	\$123.08	\$246.16
4	CPI	30162-703	6"WX7"HX12" D VERTICAL CABLE MANAGER (BLACK)	\$441.32	\$1,765.29
6	CPI	30339-719	1 RU 19" HORIZONTAL CABLE MANAGER (BLACK)	\$52.94	\$317.67
3	CPI	10250-712	12" X 10' SECTION LADDER RACK (BLACK)	\$87.14	\$261.43
6	CPI	11421-712	12" WALL ANGLE SUPPORT KIT (BLACK)	\$22.29	\$133.73
2	CPI	10506-706	4"-6" RACK CABLE RUNWAY ELEVATION KIT (BLACK)	\$34.94	\$69.89
2	CPI	10595-712	3" CHANNEL RACK TO RUNWAY MOUNTING PLATE (12")	\$30.63	\$61.27
100	LINX	#6AWG	#6 AWG GROUNDING WIRE (GREEN)	\$0.61	\$61.12
10	CPI	40162-901	#6 COMPRESSION LUG (1/4") (BLUE)	\$3.89	\$38.89
LABOR					
27	LINX	LINX	MISC. MOUNTING MATERIAL FOR WIRELESS DEVICES	\$5.56	\$150.00

* OMIT COST OF PATCH CORDS
PER EXHIBIT C - BVR 021

\$78,834.48
\$ 6,640.69

REVISED TOTAL \$ 72,193.79

**BVR 021**

Detailed, Grouped by Each Number (w/ PM, Arch, and Owner Approval)

Adams County Justice Center-PH2
1100 Judicial Center Dr.
Brighton, CO 80601Project # 30-16-031
Tel: Fax:

FCI Constructors, Inc. - Frederick

12/21/2016

LINX Credit for Patch Cords

In Review

Category	Reference	PCCO Number
Budget Variance Report		
Notes		

Per email correspondence with Chuck Skovira (see attached email), the state will be providing their own patch cords and fiber jumpers. This BVR represents that dollar value being credited back.

Itemized Details:

General Description	Quote Rec'd	Proposed
Description of Work: LINX - Per the state's request, this dollar value represents the credit back for the patch cords and fiber jumpers.		(\$6,640.69)
Description of Work: Bidder's Contingency		\$6,640.69

Requested Days: 0

Total Change: \$0.00

FCI PM Approval:

Date: 1-25-17

Owner Approval:

MATTHEW SCHAEFER, PROJ. MGR.

Date: 1-24-2017

Architect Approval:

Date: 1-26-17

This proposal includes work clearly itemized herein and attached sub-contractor quotes
Should delivery of materials effected by this change delay the work, time extension and General Conditions cost rights are reserved
The right to cumulative impact costs is reserved

This proposal is good for seven days from date of issuance

ADAMS COUNTY JUSTICE CENTER - PHASE II

**ANALYSIS OF NETWORK CABLING COSTS BASED UPON
FCI CONSTRUCTORS / LINX (SUBCONTRACTOR PROPOSAL DATED OCTOBER 7, 2016)**

Proposal Cost for Scope of Work:	\$78,834.48	
Less the value of BVR 021 – Omit Cost of Patch Cords (credit):	<u>\$6,640.69</u>	
REVISED TOTAL:	\$72,193.79	(A)

HORIZONTAL CABLING COSTS DIRECTLY ATTRIBUTED TO THE JUDICIAL DEPARTMENT:

ULTRAMEDIA CATEGORY 6 UTP 4-PAIR PLENUM RATED CABLE - DATA	\$18,910.00	
ULTRAMEDIA CATEGORY 6 UTP 4-PAIR PLENUM RATED CABLE – VOICE	\$2,135.00	
CATEGORY 6 MODULAR JACK – DATA	\$1,494.20	
CATEGORY 6 MODULAR JACK – VOICE	\$148.94	
48-PORT CATEGORY 6 PATCH PANEL (2-RU) – DATA	\$1,978.78	
48-PORT CATEGORY 6 PATCH PANEL (2-RU) – VOICE	\$494.69	
FURNITURE FACEPLATE	\$81.78	
FLOORBOX MODULE	<u>\$35.78</u>	
SUB-TOTAL:	\$25,279.17	(B)

HORIZONTAL CABLING COSTS DIRECTLY ATTRIBUTED TO COUNTY ENTITIES:

ULTRAMEDIA CATEGORY 6 UTP 4-PAIR PLENUM RATED CABLE	\$4,270.00	
48-PORT CATEGORY 6 PATCH PANEL (2-RU)	<u>\$494.69</u>	
SUB-TOTAL:	\$4,764.69	(C)

TOTAL OF HORIZONTAL CABLING COST (JUDICIAL DEPT. AND COUNTY):	\$30,043.86	(B + C)
PERCENT ATTRIBUTED TO JUDICIAL DEPARTMENT	84%	(B / (B+C))
PERCENT ATTRIBUTED TO COUNTY ENTITIES:	16%	(C / (B+C))

REVISED TOTAL OF HORIZONTAL CABLING SCOPE OF WORK:	\$72,193.79	(A)
LESS THE VALUE OF DIRECTLY ATTRIBUTABLE COSTS:	<u>\$30,043.86</u>	
ALLIED COSTS (SUPPLIES, TELECOMMUNICATION ROOM, MISC. LABOR) TO BE ALLOCATED IN ACCORDANCE WITH PERCENTAGE ATTRIBUTION ESTABLISHED ABOVE:	\$42,149.93	(D)

ALLIED COSTS (SUPPLIES, TELECOMMUNICATION ROOM, MISC. LABOR):	\$42,149.93	(D)
JUDICIAL DEPARTMENT PERCENT ATTRIBUTION:	<u>.84</u>	
SUB-TOTAL - ALLIED COSTS ATTRIBUTED TO JUDICIAL DEPARTMENT:	\$35,405.94	(E)

ALLIED COSTS (SUPPLIES, TELECOMMUNICATION ROOM, MISC. LABOR):	\$42,149.93	(D)
COUNTY ENTITIES PERCENT ATTRIBUTION:	<u>.16</u>	
SUB-TOTAL - ALLIED COSTS ATTRIBUTED TO COUNTY ENTITIES:	\$6,743.99	(F)

TOTAL COSTS ATTRIBUTED TO JUDICIAL DEPARTMENT	\$60,685.11	(B + E)
TOTAL COSTS ATTRIBUTED TO COUNTY ENTITIES	\$11,508.68	(C + F)

**BVR 023**

Detailed, Grouped by Each Number (w/ PM, Arch, and Owner Approval)

Adams County Justice Center-PH2
1100 Judicial Center Dr.
Brighton, CO 80601Project # 30-16-031
Tel: Fax:

FCI Constructors, Inc. - Frederick

1/3/2017 Additional WAPs in Existing Spaces In Review**Category Reference PCCO Number**

Budget Variance Report

Notes

Per Lynette Merich and company's direction, FCI to install a total of forty-one (41) owner provided WAP devices throughout existing spaces in the Adams County Justice Center. Those devices break down to:

- Seven (7) devices on the first floor.
- Five (5) devices on the second floor.
- Five (5) devices on the third floor.
- Eight (8) devices on the fourth floor.
- Eight (8) devices on the fifth floor.
- Eight (8) devices on the sixth floor.

FCI also to provide and install nine (9) 24-port patch panels at nine (9) IDF locations not in current scope of work.

Itemized Details:**General Description Quote Rec'd Proposed**

\$19,985.53

Description of Work: LINX - Costs associated with installing forty-one (41) owner provided WAP devices throughout existing spaces in the Adams County Justice Center. Also, providing and installing nine (9) patch panels in nine (9) IDF locations not in the current scope of work.

(\$19,985.53)

Description of Work: Owner's Contingency

Requested Days: 0**Total Change: \$0.00**

FCI PM Approval:

Date:

Owner Approval:

Date:

Architect Approval:

Date:

This proposal includes work clearly itemized herein and attached sub-contractor quotes
Should delivery of materials effected by this change delay the work, time extension and General Conditions cost rights are reserved
The right to cumulative Impact costs is reserved

This proposal is good for seven days from date of issuance