

Project Name: LC Government Center Courthouse FCI #: 50-17-006	CO#	011
X       Laramie County - Planning & Development Office         X       SEH Architects         X       FCI Constructors of Wyoming, LLC.	DATE RACT DATE	June 10, 2019 November 7, 2017
The Contractor is directed to make the following change(s) in this Contract		\$7,421.00
COR #019: Expose Exterior Window @ Rm 2107 (MM Item 036-002)		\$2,978.00
COR #020: Data Outlets @ Rm. 2116, 3213, & Work Station COR #022: Exit Signs in Penthouse (MM 038-003)		\$1,294.00
COR #022: Exit signs in Pentilouse (MM 033-003) COR #023: Upgrade damaged 3 data ports in License (MM 035-001)		\$407.00
COR #025: Added Door in AHU #001 & 002 (MM 037-001)		\$17,762.00
TOTAL		\$29,862.00
Not valid until signed by Owner, Architect, and Contractor		<i><i><b>4</b>23362166</i></i>
Not valid and signed by owner, Architect, and considered		
Original Contract Sum		\$6,978,233.00
Net change by previously authorized Change Order		(\$112,457.00)
Contract Sum prior to this Change Order was		\$6,865,776.00
Contract Sum will be changed by this Change Order in the amount of		\$29,862.00
The new Contract Sum including this Change Order		\$6,895,638.00
The Contract duration will be changed by		(0) calendar days
The Contract duration will be changed by The revised Substantial Completion date as of this Prime Contract Change Order is		(0) calendar days October 4, 2019

SEH Architects Architect 2000S. Colorado Blvd Tower One., Ste 6000 Denver, Co 80222

Address

By:

By: Date R'O Date in

FCI Constructors of Wyoming, LLC. Contractor 1023 E. Lincolnway Cheyenne, Wy 82001

Address 6/10/2019

Office Owner 310 W. 19th St Ste. 400 Cheyenne, WY 82001 Address By:

Change Order

Date

RECEIVED AND APPROVED AS TO FORM ONLY BY THE DEPUTY LARAMIE COUNTY ATTORNEY



## COR-019

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

LC Government Center Courthouse RenovationProject # 50-17-006309 W 20th St, Cheyenne, WY 82001Tel: Fax:

FCI Constructors of Wyoming LLC

4/23/2019	Expose Exterior Window @ Rm 2107 (MM Item 036-002)		Pending
Category	Reference	PCCO Number	
Change Order Request	Meeting Minute Item 036-002		

#### Notes

All items related to your scope of work including but not limited to:

Glass Master - Replace existing exterior spandrel glass with new tinted glass panel. Panel to match others. Include lifts, equipment, necessary, public safety, etc as necessary to complete work. Also includes sealant.

Standard Drywall - metal stud/drywall patch for header, corner, and sill. Drywall demo by others.

Copper Springs - materials and labor for reworking acoustical ceiling grid to tie into curtain wall header. Also includes providing/installing new acoustical ceiling tiles.

JBD - Supply and install new p-lam window (abutting to existing and caulk seal) sill at new exposed exterior window. Color to match existing

Linx - Pull/remove existing tele-data wires and re-fish to new location.

FCI - Sidewalk Closure & temp barriers or watchers. Drywall Demo. Tele-Data J-box & conduit demo. Paint touch-up. Cleanup & dumpster.

#### Clarifications

1) Proposal does not include any new blinds or reinstalling existing.

1) Proposal does not include any electrical rework

2) Refer to Linx proposal for clarifications

3) Proposal is for items as listed herein. FCI reserves the right to request additional funds if additional work is discovered as being required.

4) Scope of work is based on performing during normal business hours. No overtime or off-hour work is included.

#### Itemized Details:

General Description	Quote Rec'd	Proposed
Glass Masters, Inc. Description of Work: Glass / Glazing		\$2,499.00
Standard Drywall Description of Work: Metal Studs / Drywall		\$1,403.00
Copper Spring Solutions, LLC Description of Work: Acoustical Ceiling		\$202.00
JBD Inc. Description of Work: Window Sill		\$262.00
TeamLINX, LLLP Description of Work: Tele-Data		\$400.00
FCI Constructors of Wyoming LLC		\$850.00

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



## **COR Report**

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

Description of Work: Sidewalk Closure

FCI Constructors of Wyoming LLC	\$377.00
Description of Work: Drywall Demo - Labor	
FCI Constructors of Wyoming LLC	\$345.00
Description of Work: Dumspter	
FCI Constructors of Wyoming LLC	\$242.00
Description of Work: Cleanup - Labor	
FCI Constructors of Wyoming LLC	\$43.00
Description of Work: Cleanup - Materials	
FCI Constructors of Wyoming LLC	\$377.00
Description of Work: Paint Touchup - Labor	
FCI Constructors of WyomIng LLC	\$27.00
Description of Work. Paint Touchup - Matenals	
FCI Constructors of Wyoming LLC	\$109.00
Description of Work: 1.55% Bonds & Insurance	
FCI Constructors of Wyoming LLC	\$285.00
Description of Work: 4.00% FCI Overhead & Fee	

## Requested Days: 0

FCI PM Approvai: Date: 412 Architect Approvai: Date:

Total Change: \$7,421.00

**Owner Approval:** Date: 5 9 16

Printed on: 4/23/2019

FCI\_Integration

Page 2



### **Meeting Minutes**

Detailed (Editable), Grouped by Topic for each Meeting and by 'Old Business' and 'New Business'

Item Mee	eting Item Description	Resp	Status	Due Date	Compl'd	Cls'd
	requesting an additional 10 working days to the construction schedule. 03/21/19: Ben (LC) Asked Ted to speak to Cator Ruma if the wall/ceiling enclosure was changed in the holding cell area, if the added fire/smoke dampers per RFI-075 could be located and reduced in size or eliminated entirely. Ros (FCI) Noted Ridge has already responded they will have additional cost for connecting to the building fire alarm system					
Existing \	Nood door with Closures- Bumpers					
035-002	04/04/19: Snyder (FCI) told Ben (I/C) the expected cost fo one side of the thru-bolts will be around \$2k. 03/28/19: Ben (LC) Would like to install finished screws or the existing doors that once had a closures and to also install bumpers and silencers at all the existing office door Ross (FCI) will keep track of materials and labor costs and acquire to the FCI allowance					No
New Busi	iness					
Eleor Griu	nding/Patching @ District Court wood base					
036-001	04/04/19: Snyder (FCI) noted in order for the wood base in the district courtroom to lay flush, because of the known waves in the existing slab. Will be renting a grinder/VAC system to flatten out the slab and will also place floor patc to level. Ross (FCI) reminded team the slabs were a know issue from the existing carpet glue conversations. FCI will keep track of the costs.					No
		$\land$				
Added ex	terior window in Rm. 2107 - Assist. Public Defend	ers				
036-002	04/04/19: Ben (LC) asked FCI to price adding a window in the exterior wall of Rm. 2107 - Assist. Public Defenders.					No

# 2019-04-04

- Approximate location of existing spandrel glass to be replace with exterior pane to match others. Field verify correct pane prior to removal.





# Estimated Width from mullion to mullion = 5 Ft - 0 inch

# 2019-04-04

R of State

43

Approximate location of existing, exterior spandrel glass. Selective drywall demo and repair to expose exterior window.
1) Rework ceiling grid to tie into curtain wall header. Provide/install new ceiling tiles.
2) Rework drywall to die into curtain wall mullion on picture west side and provide continuous window sill to match existing on picture east side.
3) Provide backing and p-lam window sill. P-lam window sill color to match existing.



# 

# RM 2107 - Assistant Public Defender

Pull wire & fish to new location on opposite side of elect. convenience outlet.



Glass Masters, Inc. Auto \* Home \* Commercial 1671 Stillwater Ave., Cheyenne, WY 82009 Phone: 307-638-1180, Fax: 307-638-0976 Jvosberg@GlassMastersCheyenne.com

Date: 4/15/2019

### Change Order Request COR-019

Contractor FCI Attention: Ross Choate Project: Larimie County Gov't Center Project Location: Cheyenne,WY

## Description of Work:

We will replace 1 spandrel panel with a vision lite to match existing glass. As a note: the existing spandrel is believed to be 1/4" thick so will therefore require a sub-frame to accommodate a 1" insulated glass unit.

Glass Masters Agrees to Make Change(s) Specified Above for This Price	+/(-)		\$2,499.00
Service Call		<u>\$</u>	60.00
Field Labor		<u>\$</u>	1,120.00
Shop Labor			
Travel		\$	-
Mark Up @ 10%:		\$	120.00
Tax:		\$	-
Materials:		\$	1,199.00

Note: This Change Order becomes part of and in conformance with existing contract

\*Material orders and work to be performed will not commence until this change order is accepted. \*After acceptance, estimated time for delivery of materials if longer than two weeks is:

From: Jim Brenner President

Accepted- The above prices of this change order are	Authorized Signatur <u>e:</u>	
satisfactory and are hereby accepted. All work to be		
performed under same terms and conditions as	Date Accepted:	
specified in original contract unless otherwise noted.		Page 1 of 1



April 22, 2019

FCI Construction of WY, LLC 1023 E Lincoln Way Cheyenne, WY 82007

Attn: Ross Choate Project: LC Government Center Courthouse Renovation Subject: COR 19 SDI CR #9

Ross,

Please see below for the added cost for framing, hanging and taping along with an added Mullion Mate that is required for COR 19.

Labor:	\$840.00
Material:	\$435.80
OH&P:	\$127.58

## **TOTAL THIS CHANGE:**

\$1,403.00

If you have any questions, please feel free to call.

Respectfully Submitted, STANDARD DRYWALL INC.

Wall 0

Dan Wall Project Manager STANDARD DRYWALL INC.



# REQUEST FOR CHANGE ORDER

Ref.# COR00438

External/RCO#

GC Ref#

Date Apr 19, 2019

Job # 18-0445

## Project: LC Govt Complex

To: FCI Constructors, Inc 4015 Coriolis Way Frederick, CO 80504 Phone: (970) 535-4725

309 West 20th Street Cheyenne, WY 82001

FCI COR #019

Labor		Quantity UOM	Unit Total	Rate	Total
Demo Ceiling for new window		0.75 Hrs	0.75	55.00	\$41.25
Repair ceiling after drywall work		1.00 Hrs	1.00	55.00	\$55.00
Replace ceiling tile		1.00 Hrs	1.00	55.00	\$55.00
			Tota	l Labor	\$151.25
Material	Size	Quantity UOM	Unit Pr	ice	Total
USG M7 12' X 7/8" X 7/8" WALL MOLDING	12' WALL ANGLE	1.00 EA	.477 LF		\$5.72
TB-DX422 4' X 15/16" TEE	4' TEE	3.00 EA	.6466 LF		\$7.76
24"X24"X5/8" TOUCHSTONE CLIMAPLUS FIRECODE (5896) SLT	TILE	3.00 EA	1.54 SC	2FT	\$18.48
		-	Total I	Material	\$31.96
		L	abor Total:	\$151.25	
AUTHORIZED BY:		Mat	erial Total:	\$31.96	
ON BEHALF OF: FCI Constructors, Inc		Sub T	rade Total:	\$0.00	
		Clea	anup Total:	\$0.00	
ROJECT MANAGER:		Equip	ment Total:	\$0.00	
		 N	lisc. Total:	\$0.00	
			Sub Total:	\$183.21	
			Mark Up:	\$18.79	10.26%
		Τ	otal:	\$202.00	

## FCI COR #019

## LARAMIE COUNTY COURTHOUSE CHANGE PROPOSAL

Change Proposal No. 19

Date of Proposal FCI Received 4/17/19

**Description of Work** 

ADD WINDOW SILL JBD - \$262.00

	<u></u>			
Labor Breakdown (use additional sheets if necessary				
Labor Classification	# of People	Hours	Labor Rate/Hr.	Labor Amount
CARPENTER	1	1.0	\$75.00	\$75.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
	Total Labor C	Costs		\$75.00
	<u> </u>			
Material Breakdown (use additional sheets if necessa	urv)			
	Quantity	Unit	Unit Cost	Material Amounts
SILL	1	LS	\$150.00	\$150.00
	-	20	¢10000	\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
	Total Materia	l Costs		\$150.00
	i otal Materia	1 00313		ψ150.00
Other Direct Costs (Subcontractors, Equipment, Tra	vel Bonds etc			
Other Direct Costs (Subcontractors, Equipment, 112	Quantity	) Unit	Unit Cost	Other Cost Amounts
	Quantity	Oint	Oliti Cost	\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
	Total Other D	ireat Casta		\$0.00
	Total Other D			\$0.00
1. Total Labor Costs	1			\$75.00
2. Total Material Costs				\$150.00
3. Total Other Direct Costs				
				\$0.00 \$225.00
4. Total Labor, Material & Other Direct Costs 5. Profit & Overhead (15%) of Line 1				\$11.25
6. Profit & Overhead (15%) of Line 2 7. Profit & Overhead (15%) of Line 3				\$22.50 \$0.00
8. Total Change Proposal Costs (Lines, 4,5,6, & 7)				\$258.75
9. Bond Cost (Y/N) Y 0.0128				\$3.31
				ф <u>о</u> со
Grand Total				\$262

Contractor

			Change Order Numbe		03
	<b>T</b>		Revisio	n: n: <b>MM036-002</b>	•
<b></b>		-	Ontio		
			INX	Labor:	\$324.05
				Materials:	\$76.09
		Network	Cabling   MultiMedia   Security Solutions	Expenses: bcontracting:	φ/0.09
				Bonding:	
FCI CO	OR #019		Fre	ight and Fees	
				Taxes:	
			CHANGE ORDER	Total:	\$400.14
Change O	rder Scope		enninge onder		\$400.00
Per MM03	36-002 Linx will n		sitng location for a window to be added. Linx will cut-in this n		
cross mer	mebers in other w	valls and m	hight need assistance or a new location on west wall if outer w	all is not accesib	<mark>le.</mark>
Qty.	Manufacturer	Part Number	Description	Material Unit	Material Extension
<u>,</u>		Number	HORIZONTAL - ORTRONICS		
1	LABOR	LINX	Pull up and cut in a new outlet for an existing location		
	LADOIN				
	LINV will p	rovido and	install the above Change Order, once executed, on or befor	<b>.</b> .	
			install the above change order, once executed, on or befor	e	Date
	LINX S	ignature:			
	D.:				
	Pri	nt Name:		-	Phone #
			d Change Orden Coone is estisfactory and is hareh	v A	II
-		•	nd Change Order Scope is satisfactory and is hereb ns and condition as specified in the Original Contra	• •	
periori					
	Date of Acce	eptance:			
A	uthorized Sig	gnature:			
				F	hone #
1					

Estimated Materials for: Laramie County Government

#### FCI PRICING WORKSHEET

Laramie County Government Building Remodel Cheyenne, WY FCI Constructors of Wyoming, LLC FCI Job # 50-17-006



DATE:

23-Apr-19 Page 1 of 1

#### FCI COR #: 019

Item	Revision			Unit \$	Total	6.00%	Unit \$	Total	Unit \$	Total	Unit \$	Total	0%	Row
#	Date	Item Description	Quantity	Materials	Materials	Sales Tax	Equip	Equip	Sub	Sub	Labor	Labor	LBR BRDN	Totals
					0.00	0.00		0.00		0.00		0.00	0.00	-
		Sidewalk Closure	1		0.00	0.00	850.00	850.00		0.00		0.00	0.00	850.00
					0.00	0.00		0.00		0.00		0.00	0.00	-
		Drywall Demo - Labor	25		0.00	0.00		0.00		0.00	15.08	377.00	0.00	377.00
		Dumpster	1	325.00	325.00	20.00		0.00		0.00		0.00	0.00	345.00
					0.00	0.00		0.00		0.00		0.00	0.00	-
		Cleanup - Labor	820		0.00	0.00		0.00		0.00	0.30	242.00	0.00	242.00
		Cleanup - Materials	820	0.05	41.00	2.00		0.00		0.00		0.00	0.00	43.00
					0.00	0.00		0.00		0.00		0.00	0.00	-
		Paint Touchup - Labor	25		0.00	0.00		0.00		0.00	15.08	377.00	0.00	377.00
		Paint Touchup - Materials	25	1.00	25.00	2.00		0.00		0.00		0.00	0.00	27.00
					0.00	0.00		0.00		0.00		0.00	0.00	-
					0.00	0.00		0.00		0.00		0.00	0.00	-
					0.00	0.00		0.00		0.00		0.00	0.00	-
					0.00	0.00		0.00		0.00		0.00	0.00	-
					0.00	0.00		0.00		0.00		0.00	0.00	-
					0.00	0.00		0.00		0.00		0.00	0.00	-
					0.00	0.00		0.00		0.00		0.00	0.00	-
					0.00	0.00		0.00		0.00		0.00	0.00	-
					0.00	0.00		0.00		0.00		0.00	0.00	-
					0.00	0.00		0.00		0.00		0.00	0.00	-
					0.00	0.00		0.00		0.00		0.00	0.00	-
						415.00		850.00		-			996.00	2,261.00



## COR-020

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

LC Government Center Courthouse RenovationProject # 50-17-006309 W 20th St, Cheyenne, WY 82001Tel: Fax:

FCI Constructors of Wyoming LLC

4/11/2019	Data Outlets @ Rm. 2116, 3213, & Work Station	Pending
Category	Reference	PCCO Number
Change Order Request	3/8/19 Ben H (County) E-Mail Response & RFI #080	

#### Notes

All items related to your scope of work including but not limited to:

Ridge Electric - Materials and labor for cutting in 2 each single Jbox (and related rough-in necessary) for 2 each tele-data outlets and convenience outlets in Rm. 3213 - Scanner and in work station area close to Rm. 3220 - Evidence Rm. Outlet close to room 3220 to be on a dedicated 20amp circuit

Linx - Material and labor for relocated 2 each already installed tele-data outlets currently in Rm. 2114 Assistant Public Defenders to Rm. 2116 - Break Room. Includes modification to existing face plate in Rm 2114 for remaining outlets. Provide materials and labor for adding 2 each tele-data outlets in Rm. 3213 - Scanner and in work station area close to Rm. 3220 - Evidence Rm. Supply/install face place at all new location.

FCI - Drywall demo and patch back, & paint touch-up of demo'd drywall for new electrical & tele-data outlets.

#### Clarifications:

1) At Owners request, \$318.00 (189+58+71) is being used from the Drywall Patch & Repair Allowance to offset total costs. By signing this COR, the Design Team / Owner accepts that other existing areas may not be repaired (such as all of Stair #1 and hallway to the exterior, 1st floor door and said doors/frames) and Owner takes responsibility of condition at end of project due to this being the main construction entrance.

#### Itemized Details:

General Description	Quote Rec'd	Proposed
Ridge Electric LLC Description of Work: Electrical & Tele-Data Rough-In		\$905.00
TeamLINX, LLLP Description of Work: Tele-Data		\$1,844.00
FCI Constructors of Wyoming LLC Description of Work: Demo Drywall - Labor		\$48.00
FCI Constructors of Wyoming LLC Description of Work: Dumpster		\$23.00
FCI Constructors of Wyoming LLC Description of Work: Drywall Patch - Labor		\$189.00
FCI Constructors of Wyoming LLC Description of Work: Drywall - Materials		\$58.00
FCI Constructors of Wyoming LLC Description of Work: Paint		\$71.00

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



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

FCI Constructors of Wyoming LLC	(\$318.00)
Description of Work: Drywall Patch Allowance	
FCI Constructors of Wyoming LLC Description of Work: 1.55% Bonds & Insurance	\$43.00
FCI Constructors of Wyoming LLC	\$115.00
Description of Work: 4.00% FCI Overhead & Fee	

FCI PM Approval: Date: 4/10/19

Owner Approval:

**Requested Days:** 

0

Architect Approval:

Date:

Prolog Manager

Page 2

## **Ross Choate**

From:	Ben Hornok <bhornok@laramiecounty.com></bhornok@laramiecounty.com>
Sent:	Friday, March 8, 2019 8:30 AM
То:	Ross Choate
Cc:	Adrian Avilez (aavilez@sehinc.com); Jason Earley; Jason Snyder; Mark Brazee; Ted
	Halsey; Timothy Elder
Subject:	RE: 50-17-006: (LC Govt) 2019-02-28 Move Data Outlets Rm 2116_Owner Confirm
Attachments:	2019-02-28 Move Data Outlets Rm 2116.pdf

Ross,

This is correct. We need data for a printer in the break room so that people can keep working during their breaks.

Thanks,

Ben Hornok, PMP Owner's Rep/Construction Manager Laramie County (307) 630-0539 Cell (307) 633-4595 Desk <u>bhornok@laramiecounty.com</u>

-----Original Message-----From: Ross Choate [mailto:rossc@fciwyllc.com] Sent: Monday, March 4, 2019 10:17 AM To: Ben Hornok <bhornok@laramiecounty.com> Cc: Adrian Avilez (aavilez@sehinc.com) <aavilez@sehinc.com>; Jason Earley <jearley@fciwyllc.com>; Jason Snyder <jsnyder@fciwyllc.com>; Mark Brazee <mbrazee@sehinc.com>; Ted Halsey <thalsey@sehinc.com>; Timothy Elder <telder@fciwyllc.com> Subject: 50-17-006: (LC Govt) 2019-02-28 Move Data Outlets Rm 2116\_Owner Confirm

Mimecast Attachment Protection has deemed this file to be safe, but always exercise caution when opening files.

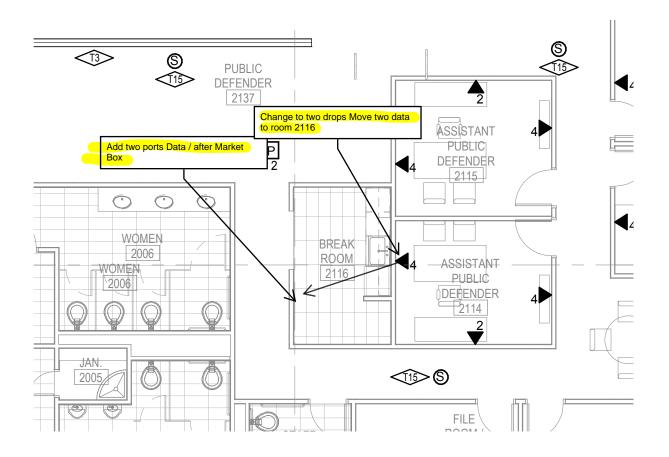
Laramie County Courthouse Remodel Cheyenne, WY FCI Constructors of Wyoming 50-17-006

Hey Ben,

Going back to our 2/28 conversation regarding moving 2 each tele-data outlets to Rm 2116, can you please review the attached and let me know if this is correct and I will send out to the subs.

Thanks,

Ross Choate Project Manager FCI Constructors of Wyoming, LLC.



## Description of work:

Ridge Electric - Cut in new single j-box for 2 - each tele-data outlets. Final location to be located anywhere (convenient) along (plan) west wall in Rm. 2116 - Break Room. Also includes rough-in necessary.

Team Linx - Move 2 each tele-data outlets (already installed) in Rm. 2114 - Assistant Public Defenders to Rm. 2116 - Break Room. Includes modification to existing face plate in Rm 2114 for remaining tele-data outlets and supply/install face plate at new location.



**Copies Notes** 

# CC: Ridge/Linx

LC Government Center Courthouse Renovation Project # 50-17-006 FCI Constructors of Wyoming LLC 309 W 20th St, Cheyenne, WY 82001 Tel: Fax:

RFI#: 080					Date Created: 3/27/2019
Answer Company	Answered By		Author Company		Authored By
SEH Architect 2000 S Colorado Blvd Tower One Suite 6000 Denver, CO 80222	Mark Brazee		FCI Constructors, Inc 1023 E. Lincolnway Cheyenne, WY 82001	Cheyenne	Jason Earley
Co-Respondent			Author RFI Number		
			Ridge/ Linxs		
Subject		Discipline	9	Category	,
Added Power&Data 3rd fl scanner	- Evidence	Architectu	ral/Electrical	Clarification	on

Cc:	Company Name	ź

#### Question

Please see attached drawings

Per Laramie County request to add power and data to 2 location on 3rd floor.

**Contact Name** 

1. Scanner Room 3213

2. Evidence Research Work Stations. Please advise of what circuit to pull power from.

Finished Drywall will have to be replaced in the Evidence Research.

#### Suggestion

#### Answer

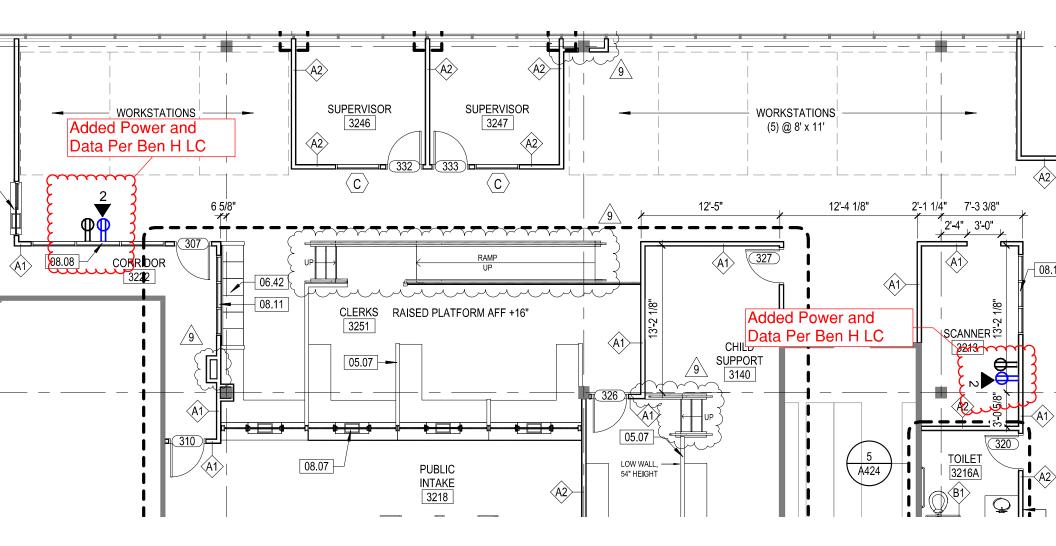
Scanner Room already has two (2) circuits dedicated for scanners. (PP32-32, 34). If a third scanner is needed, connect to PP32-17. It appears it only feeds general use receptacles in the Scanner Room.

PP32-23 only has 3 receptacles on it currently according to record plans. Extend circuit to new workstation.

Thanks, Chris Isaacson, PE Associate / Electrical Engineer 04/01/19

Date Answered:

Date Required: 4/3/2019







## **Ross Choate**

From:	Ben Hornok <bhornok@laramiecounty.com></bhornok@laramiecounty.com>
Sent:	Monday, April 1, 2019 4:23 PM
То:	Jason Earley; Ross Choate; Jason Snyder
Subject:	FW: RFI Closed - LC Government Center Courthouse Renovation
Attachments:	RFI Detailed.pdf

The question for RFI 080 did not really let Chris I. know that we are adding a copy machine and need a dedicated circuit near the Research Room. Chris with Ridge said that he already has a spare circuit in the ceiling that we can use for the copy machine location. It also looks like Chris I. is correct that there should be sufficient circuitry available in the scanner room already to just pull off of what is there. Let me know if you have any questions.

Thanks,

Ben Hornok, PMP Owner's Rep/Construction Manager Laramie County (307) 630-0539 Cell (307) 633-4595 Desk <u>bhornok@laramiecounty.com</u>

From: converge@fciol.com [mailto:converge@fciol.com]
Sent: Monday, April 1, 2019 11:37 AM
Cc: Adrian Avilez <aavilez@sehinc.com>; Mark Brazee <mbrazee@sehinc.com>; Ted Halsey <thalsey@sehinc.com>; Jason Earley <iearley@fciwyllc.com>: Jason Snyder <isnyder@fciwyllc.com>: Ross Choate <rossc@fciwyllc.com>: Be

Jason Earley <jearley@fciwyllc.com>; Jason Snyder <jsnyder@fciwyllc.com>; Ross Choate <rossc@fciwyllc.com>; Ben Hornok <bhornok@laramiecounty.com>

Subject: RFI Closed - LC Government Center Courthouse Renovation

Mimecast Attachment Protection has deemed this file to be safe, but always exercise caution when opening files.



**RFI Closed** 

Dear Jason Earley:

The following RFI is for information only and has been closed.



970-254-9449 office 888-779-9449 toll free 970-254-1120 fax 462-A Glen Road Grand Junction, CO 81501 FCI COR #020

COMMERCIAL · RESIDENTIAL · INDUSTRIAL

April 9, 2019 FCI Constructors of Cheyenne Attn: Ross Choate Re: Laramie County Government Center Remodel

Mr. Choate:

Enclosed is Change Order #17. This is an ADD to the contract for \$905.00

This Change Order Proposal is for the following items:

- 1. Provide and install (2) Receptacles and related branch wiring in Scanner Room and near Evidence Room.
  - a. The circuit near the evidence room is proposed to be a dedicated circuit.
- 2. Provide and install rough-in for (2) added Data Outlets.
  - a. Cabling and devices are provided by others.

We await written notice to proceed before beginning work.

Call if you have any questions Thank you

Sincerely,

Dean Palmer

Via email Cc: file 04/09/19

## **RIDGE ELECTRIC LLC**

Breakout Sheet

4/9/2019 Laramie County Government Center Remodel Change Request #17 - Copier Circuit and Data Outlets

MATERIAL QUOTE RENTAL				\$ \$ \$	<u>184.19</u> 0.00 0.00
SubContractor				\$	0.00
Tax @		6.00%		\$	11.05
			SUBTOTAL	\$	195.24
Overhead		10%		\$	19.52
Profit		5%		\$	10.74
			SUBTOTAL	\$	225.50
LABOR	Normal Work	8 hours @ \$70.00	per Hr.	\$	560.00
LABOR	Shift Work	hours @ \$85.00	per Hr.	\$ \$	0.00
FOREMAN	Normal Work	1 hours @ \$75.00	per Hr.	\$	75.00
FOREMAN	Shift Work	0 hours @ \$90.00	per Hr.	\$ \$	0.00
Site Supt/PM		0.5 hours @ <u>\$ 75.00</u>	per Hr.	\$	37.50
1% Fuel				\$	0.00
Foreman Truck	F	Foreman Hours x \$7.00		\$	7.00

TOTAL

\$ 905.00

## Job Name: Laramie County Government Remodel Job Number: 112 Extension Name: CO 17 Copier Circuit

## [Items and ByProducts]

Material Filter: <None> Report: Price 1 & CO 1 by CC

Item #	Item Name	Quantity	Price 1	U	Ext Price 1	CO Lbr 1	U	CO Lbr 1 Ext	CCode
Label Set: (	Combined, Combined, Combine	d, Combined, Co	ombined		\$184.19			8.69	
CCode: Bra	anch Rough				\$122.35			6.09	
404 /	ARL SNAP2IT MC CONN	3.00	\$44.92	С	\$1.35	6.28	С	0.19	cb
408 /	ARL STACKABLE CABLE STRAP	6.00	\$8.84	С	\$0.53	7.54	С	0.45	cb
433	12/2 MC CU CABLE	30.00	\$517.25	М	\$15.52	27.63	М	0.83	cb
1,461	3/4 EMT	60.00	\$72.74	С	\$43.64	3.72	С	2.23	cb
1,462	1 EMT	20.00	\$115.68	С	\$23.14	4.94	С	0.99	cb
1,642	3/4 EMT CONN S/S/I	2.00	\$54.65	С	\$1.09	6.28	С	0.13	cb
1,667	1 EMT CONN S/C/I	2.00	\$678.17	С	\$13.56	7.54	С	0.15	cb
1,702	3/4 EMT COUP S/S	6.00	\$50.44	С	\$3.03	4.40	С	0.26	cb
1,895	3/4 EMT 1 HOLE STP/STL	6.00	\$56.00	С	\$3.36	3.77	С	0.23	cb
1,896	1 EMT 1 HOLE STP/STL	2.00	\$99.17	С	\$1.98	3.77	С	0.08	cb
4,556	1 BUSH PLASTIC	2.00	\$65.24	С	\$1.30	7.16	С	0.14	cb
5,997 E	BOX SUPPORTS-CLIP ON	1.00	\$100.18	С	\$1.00	3.77	С	0.04	cb
26,007 4	4/S BOX 1-1/2" DEEP	2.00	\$227.20	С	\$4.54	12.56	С	0.25	cb
26,011 4	4/S SG MUD RING 5/8"DP	2.00	\$414.74	С	\$8.29	6.28	С	0.13	cb
CCode: Hai	ngers/Anchors				\$0.06			0.06	
5,951 1	TEK SCREWS	2.00	\$28.02	М	\$0.06	3.14	С	0.06	ch
CCode: Trir	m Devices/Plates				\$7.70			0.63	
25,535 1	IG IV PLAS DUPL RECP PLATE	2.00	\$35.17	С	\$0.70	6.28	С	0.13	dt
25,819 [	OPLX 5-20R HD SPEC IV	2.00	\$3.50	E	\$7.00	0.25	E	0.50	
CCode: Bra	inch Wire				\$54.09			1.92	
12	10 THHN CU STRANDED	309.00	\$175.04	М	\$54.09	6.20	М	1.92	wb
[Items and	ByProducts] Total:				\$184,19			8.69	

Work related to Ben H. (County) 3/8/19 Estimated Materials for: Laramie County Government confirmation. Change Order Number: #39404 CO#04 Revision: Description: Outlet Move rm 2116 **Option:** 4Hrs. @ \$61/Hr. Labor: \$244.53 \$4.09 Materials: **Z** Expenses: \$76.09 Network Cabling | MultiMedia | Security Solutions Subcontracting: Per Aaron's 3/18 e-mail - Expenses is just the formula for this site Bonding: being closest to the Fort Collins office and the partial travel we pay Freight and Fees the techs and some mileage...but not a full day of either with this not Taxes: \$0.25 being a full day of work \$324.96 Total: **CHANGE ORDER** \$325.00

#### Change Order Scope

Per owner request Linx will move 2 finished cables from a 4 port outlet to a new location for these 2 cables to be used for a printer. Basically 4 hours at \$61/br.

		Part		Material	Material
Qty.	Manufacturer	Number	Description	Unit	Extension
			HORIZONTAL		
1	Ortronics	OR-KSFP4	4-port Single Gang Faceplate	\$1.42	\$1.42
1	Ortronics	OR-KSB10	TechChoice Blank Module, 10/pack	\$2.67	\$2.67
1	LABOR	LINX	Move 2 cables from 4 port faceplate		
2	LABOR	LINX	TEST CATEGORY CABLES		

Linx Summary Part 1 - \$325.00 Part 2 - \$1519.00

**TOTAL - \$1844.00** 

# Network Cabling

#### Estimated Materials for: Laramie County Government Change Order Number: #39390 CO#02 Revision: Description: **RFI 080 Option:** INX \$719.16 Labor: \$610.74 Materials: Expenses: \$152.17 Network Cabling | MultiMedia | Security Solutions Subcontracting: Bonding: Freight and Fees \$36.65 Taxes: \$1,518.73 Total:

CHANGE ORDER

\$1,519.00

#### **Change Order Scope**

Qty.	Manufacturer	Description	Material Unit	Material Extension	
			HORIZONTAL - COMMSCOPE		
			TECHCHOICE		
1000			10Gain, Category 6A UTP, Plenum, Cable, .32"OD	\$0.51	\$510.0
4	Ortronics		TechChoice Category 6A jack	\$5.28	\$21.1
2	Ortronics		4-port Single Gang Faceplate	\$1.42	\$2.8
4	LABOR	LINX	DROP AND ROUTE		
4	LABOR	LINX	DRESS CABLES TO PATCH PANEL		
4	LABOR	LINX	TERMINATE CABLES ON THE PATCH PANEL		
4	LABOR	LINX	TEST CATEGORY CABLES		
			SUPPLIES		
8	LINX	LINX	WRAP AROUND LABELS FOR CABLES	\$0.10	\$0.8
5	LINX	LINX	LABELS FOR JACKS, FACEPLATES & PANELS	\$0.10	\$0.5
		1	PATCH CORDS - COMMSCOPE		
			TECHCHOICE		
			CAT 6A		
4	Ortronics	OR-MC61005-06	CAT 6A PATCH CORDS, 5FT (COLOR TBD)	\$8.16	\$32.6
4	Ortronics		CAT 6A PATCH CORDS, 10FT (COLOR TBD)	\$10.71	\$42.8
	LINX S	rovide and ignature: nt Name:	install the above Change Order, once executed, on or before:		Date
				Pł	none #
		e price ar	nd Change Order Scope is satisfactory and is hereby a ns and condition as specified in the Original Contract (		

Authorized Signature:

Print Name:

Phone #

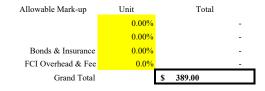
#### FCI PRICING WORKSHEET

Laramie County Government Building Remodel Cheyenne, WY

FCI COR #: <mark>020</mark>

FCI Constructors of Wyoming, LLC

FCI Job # 50-17-006



DATE:

10-Apr-19

Page 1 of 1

Item	Revision			Туре	Unit \$	Total	6.00%	Unit \$	Total	Unit \$	Total	Unit \$	Total	0%	Row
#	Date	Item Description	Quantity	(hr,sf)	Materials	Materials	Sales Tax	Equip	Equip	Sub	Sub	Labor	Labor	LBR BRDN	Totals
						0.00	0.00		0.00		0.00		0.00	0.00	-
		Demo Drywall - Labor	22	SF		0.00	0.00		0.00		0.00	2.18	48.00	0.00	48.00
		Dumpster	22	SF	1.00	22.00	1.00		0.00		0.00		0.00	0.00	23.00
						0.00	0.00		0.00		0.00		0.00	0.00	-
		Drywall Patch - Labor	22	SF		0.00	0.00		0.00		0.00	8.59	189.00	0.00	189.00
		Drywall Patch - Materials	22	SF	2.50	55.00	3.00		0.00		0.00		0.00	0.00	58.00
						0.00	0.00		0.00		0.00		0.00	0.00	-
		Paint	22	SF	1.00	22.00	1.00		0.00		0.00	2.18	48.00	0.00	71.00
						0.00	0.00		0.00		0.00		0.00	0.00	-
						0.00	0.00		0.00		0.00		0.00	0.00	-
						0.00	0.00		0.00		0.00		0.00	0.00	-
						0.00	0.00		0.00		0.00		0.00	0.00	-
						0.00	0.00		0.00		0.00		0.00	0.00	-
						0.00	0.00		0.00		0.00		0.00	0.00	-
						0.00	0.00		0.00		0.00		0.00	0.00	-
						0.00	0.00		0.00		0.00		0.00	0.00	-
						0.00	0.00		0.00		0.00		0.00	0.00	-
						0.00	0.00		0.00		0.00		0.00	0.00	-
						0.00	0.00		0.00		0.00		0.00	0.00	-
						0.00	0.00		0.00		0.00		0.00	0.00	-
			<u> </u>	L		0.00	0.00		0.00		0.00		0.00	0.00	-
				Column Tota	ls		104.00		-	l I	-			285.00	389.00



## **COR-022**

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

LC Government Cente 309 W 20th St, Cheyenne,	r Courthouse Renovation WY 82001	<b>Project # 50-17-006</b> Tel: Fax:	FCI Constructors	of Wyoming LLC
6/1/2019	Exit	Signs in Penthouse (MM 038-00	3)	Pending
Category	Reference		PCCO Number	
Change Order Request	Sheet E204 titled FCI COR	#022 dated 4/26/19		
Notes				
	cope of work including but not li d install 4 each lighted EM exit	signs. Includes materials and labor for	placing signs in visible location abo Quote Rec'd	ve specified doors <b>Proposed</b>
Ridge Electric LLC				\$1,225.00
Description of Work: Elec	trical			
FCI Constructors of Wyon Description of Work: 1.55				\$19.00
FCI Constructors of Wyon Description of Work: 4.00				\$50.00

#### **Requested Days:** 0

Total Change: \$1,294.00

FCI PM Approval: Date: 5/1/19

Architect Approval:

Date:

**Owner Approval:** Date: a

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

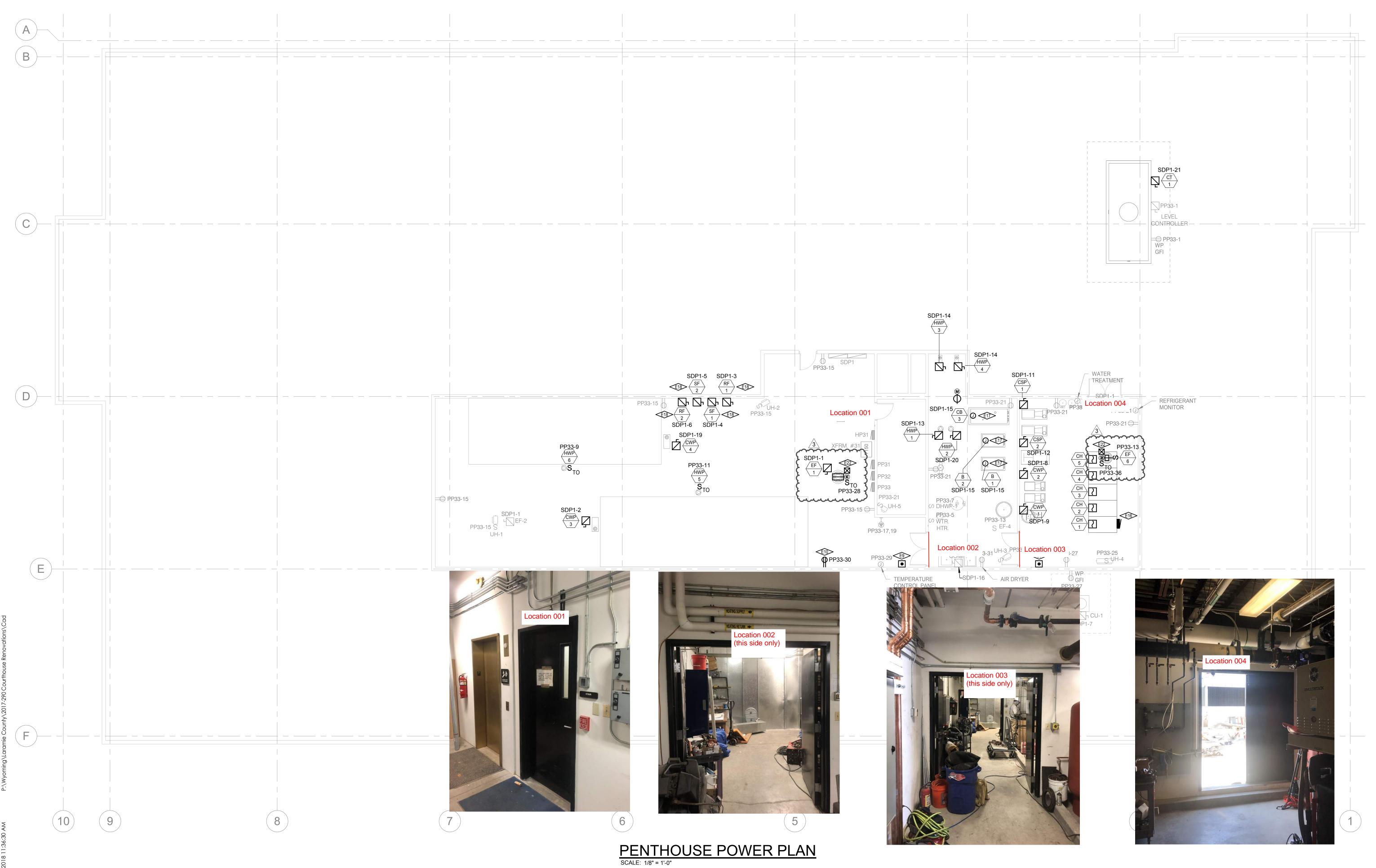
### This proposal is good for seven days from date of issuance

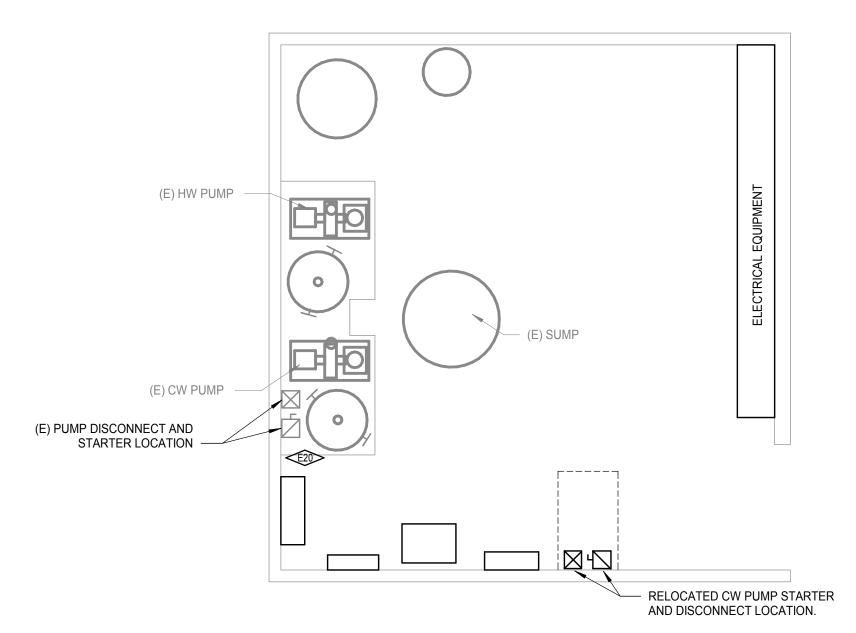


### **Meeting Minutes**

Detailed (Editable), Grouped by Topic for each Meeting and by 'Old Business' and 'New Business'

Item Me	eting Item Description	Resp	Status	Due Date Con	npl'd Cl
Relocate	Door and Light @ AHU #001 & #002				
037-061	04/25/19: Chris (LC) Logan (LC) has been trying to get ahold of Cody (Long). Snyder (FCI) noted Cody has been on vacation this week but will be back starting next Monday. 04/18/19: Chris (LC) received notice from Judge Rogers, they do not want all 3 courtrooms being disturbed at the same time. Snyder (FCI) noted FCI planned on leaving the courtrooms last for the VAV replacement and will talk to the subs for a game plan. 04/11/19: Ben (LC) spoke to Gabe (Climate Control) about adding or relocating a door to the AHU #061 and possibly AHU #002. Jerry (LC) would also like to relocate the 1 each light fixture on the return side of each unit.				Ν
Penthous	se EM Lights & Exit Signs				
038-003	04/25/19: Snyder (FCI) noted Steve Zimmer (City Inspector) wants 4 lighted EM exit signs. One by the boiler door, chiller door, stairs, and onto the roof. Ben (LC) asked FCI to proceed with pricing. 04/18/19: Snyder (FCI) noted the city inspector commented about wanting to exit signs and EM light fixtures in the penthouse.				N
Poroutin	g Roof Conduits				
038-005	04/18/19: Ben (LC) approved Ridge proposed rerouting of the rooftop exterior electrical conduits, per Jason Snyders (FCI) 4/10/19 e-mail. Ben is also okay of the gutters/downspouts are removed and capped.	/			٢
New Bus	iness				
Cash Dra	awers				
039-003	04/25/19: Ben (LC) would like to purchase additional cash drawers. WIII work with furniture company. Snyder (FCI) told Ben to review casework in already installed rooms so new cash drawers will match others.				1
Mint Gree	en Carpet Color				
039-004	04/25/19: Ben (LC) noted Diane does not like the "mint green" carpet color in her office (Rm. 3215). It would also be the new district court judges office (Rm. 3109) as well. He will beet with Diane and advise.				1
/					
Elastome	eric Coating in Penthouse	$\backslash$			
/	<b>·</b>	$\mathbf{i}$			
		$\sim$			
	nager Printed on: 4/29/2019 FCI Integration				Pag





HISTORIC COURTHOUSE MECH. ROOM POWER PLAN SCALE: 1/4" = 1'-0"

		KEYNOTES
	E9	PROVIDE BOILER SHUTDOWN SYSTEM. ESD BUTTON SHALL BE PI BSD120 OR EQUAL. ROUTE LINE VOLTAGE THROUGH CONTACTS. NOT CONNECT TO BOILER "ENABLE" CONTACTS. REFER TO DETA FOR FURTHER INFORMATION.
E	E10	PROVIDE DEDICATED CIRCUIT FOR NEW BAS CONTROLLER.
E	16	PROVIDE FEEDER TO CHILLER POWER DISTRIBUTION PANEL. INDIVIDUAL MOTOR AND CIRCUIT PROTECTION IS UNDERSTOOD BE PROVIDED IN PANEL.
E	17	PROVIDE CONNECTION TO BOILER CONTROL PANEL VIA BOILER SHUTDOWN CONTACTOR.
E	18	VFD/DISCONNECT PROVIDED WITH EQUIPMENT. CONNECT TO NE POWER AS SHOWN.
E	20	EXISTING DISCONNECT AND STARTER FOR CHILLED WATER PUM TO BE RELOCATED. EXTEND POWER AND CONTROLS TO NEW LOCATION SHOWN ON THIS PLAN.
E	22	INTERLOCK TO OPEN LOUVER WHEN FAN IS ENERGIZED. SIZE 0

FVNR STARTER.

Exit Signs will need to be mounted in front of pipes/conduits making visible from distance away from opening.

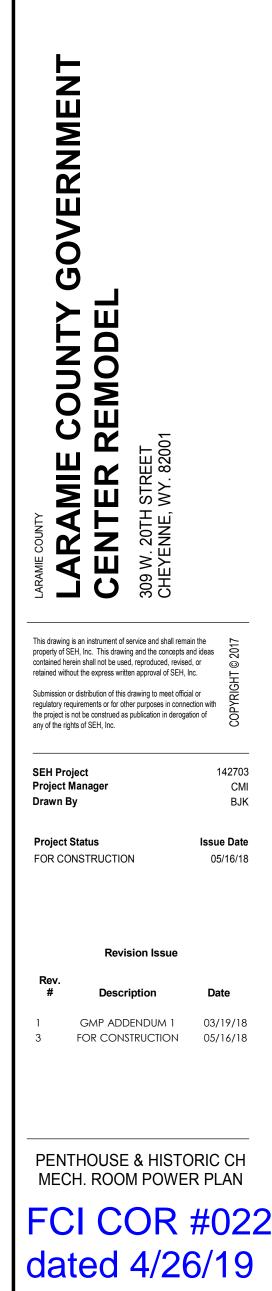
SHALL BE PILLA CONTACTS. DO ER TO DETAIL OLLER. N PANEL DERSTOOD TO VIA BOILER NNECT TO NEW WATER PUMP TO NEW



Owner Laramie County 2101 O'Neil Ave Rm 206 Cheyenne, WY 82001 307.638.4314

Architect/ Landscape Architect/ Civil Engineer Short Elliott Hendrickson, Inc. 2000 South Colorado Boulevard Tower One, Suite 6000 Denver, Colorado 80222 720.540.6800 Structural Engineer Martin/ Martin Wyoming 4020 Laramie St Cheyenne, WY 82001 307.637.8422 Mechanical/ Electrical Engineer/ Fire Protection/ Audio Visual Cator Ruma & Associates 420 W. Lincoln Way Cheyenne, WY 82001 307.274.3830 Detention Specialist Integrus Architecture 10 South Cedar Street Spokane, WA. 99201 509.838.8681





E204



970-254-9449 office 888-779-9449 toll free 970-254-1120 fax 462-A Glen Road Grand Junction, CO 81501 FCI COR #022

COMMERCIAL · RESIDENTIAL · INDUSTRIAL

April 30, 2019 FCI Constructors of Cheyenne Attn: Ross Choate Re: Laramie County Government Center Remodel

Mr. Choate:

Enclosed is Change Order #18. This is an ADD to the contract for \$1,225.00

This Change Order Proposal is for the following items:

- 1. Provide and install (4) Exit Signs in the Penthouse.
  - a. These exits are being titled "Type X3" to reduce any confusion. They have a local battery since there are no EM circuits available in the Penthouse, and the other EM Lighting is Battery Back-Up.
  - b. Each Exit is proposed with a pendant kit to hang exit in front of the piping on the wall.
- 2. Extend local "Un-Switched" lighting circuit in each area to power exit signs.

We await written notice to proceed before beginning work.

Call if you have any questions Thank you

Sincerely,

Dean Palmer

Via email Cc: file 04/30/19

## **RIDGE ELECTRIC LLC**

**Breakout Sheet** 

4/30/2019 Laramie County Government Center Remodel Change Request #18 - Exit Signs Penthouse

MATERIAL QUOTE RENTAL SubContractor				\$ \$ \$	77.31 451.80 0.00 0.00
Tax @		6.00%		\$	4.64
			SUBTOTAL	\$	533.75
Overhead		10%		\$	53.37
Profit		5%		\$	29.36
			SUBTOTAL	\$	616.48
LABOR LABOR	Normal Work Shift Work	7 hours @ <u>\$70.00</u> hours @ <u>\$85.00</u>	_ per Hr. _ per Hr.	\$ \$	490.00
FOREMAN FOREMAN	Normal Work Shift Work	1 hours @ \$75.00 0 hours @ \$90.00	_ per Hr. _ per Hr.	\$ \$	75.00
Site Supt/PM		0.5 hours @ <u>\$ 75.00</u>	_ per Hr.	\$	37.50
1% Fuel				\$	0.00
Foreman Truck	F	oreman Hours x \$7.00		\$	7.00

TOTAL

## Job Name: Laramie County Government Remodel Job Number: 112 Extension Name: CO 18 Penthouse Exits

## [Items and ByProducts]

Material Filter: <None> Report: Price 1 & CO 1 by CC

ltem #	Item Name	Quantity	Price 1	U	Ext Price 1	CO Lbr 1	U	CO Lbr 1 Ext	CCode
Label Set:	Combined, Combined, Combine	ed, Combined, Com	bined		\$77.31			7.36	
CCode: Bra	inch Rough				\$63.41			2.83	
1,460	1/2 EMT	40.00	\$48.76	С	\$19.50	2.49	С	1.00	cb
1,641	1/2 EMT CONN S/S/I	8.00	\$33.83	C	\$2.71	5.02	С	0.40	cb
1,701	1/2 EMT COUP S/S	4.00	\$33.44	С	\$1.34	3.77	С	0.15	cb
1,894	1/2 EMT 1 HOLE STP/STL	10.00	\$41.90	С	\$4.19	3.77	С	0.38	cb
5,997	BOX SUPPORTS-CLIP ON	4.00	\$100.18	С	\$4.01	3.77	С	0.15	cb
26,008	4/S BOX 2-1/8" DEEP	4.00	\$376.90	С	\$15.08	12.56	С	0.50	cb
26,011	4/S SG MUD RING 5/8"DP	4.00	\$414.74	С	\$16.59	6.28	С	0.25	cb
CCode: Lig	hting Fixtures				\$0.00			3.42	
22,370	EXIT LIGHT LED NI-CAD	4.00	\$0.00	Q	\$0.00	0.85	E	3.42	lf
CCode: Lug	gs/Termination/Ground				\$0.69			0.48	
9,485	YELLOW 3M WIRE NUT	12.00	\$5.77	С	\$0.69	4.02	С	0.48	sl
CCode: Bra	inch Wire				\$13.21			0.63	
11	12 THHN CU STRANDED	126.00	\$104.85	М	\$13.21	5.00	М	0.63	wb
[Items and	ByProducts] Total:				\$77.31			7.36	

### LARAMIE COUNTY GOVERNMENT CENTER

## ATT: DEAN PALMER

Page 1



#### **MOUNTAIN PLAINS REGION - PROJECT HOUSE**

Jayme Dodge, Project Manager

Direct Line: 801-974-4752

Jayme.Dodge@Rexelusa.com

Date: 4-29-19

ype	QTY	Product Description	LEAD TIME	Extended Total
		EXITS		
	4	X3 SURELITE CX71SD		
		EXIT, DC HOUS, UNV, RNG, W BAT, 1 SID, SD	\$112.95	\$451.8
				Plus Freight
		TOTAL:		\$451.80
		Quote is per items and quantities shown above per Contractor counts.		
		Lamps/LED included - Flex/whips not included unless noted.		
		No controls or sensors included unless specifically noted in BOM.		
		No additional or spare material is included in this price.		
		Quoting standard finishes, warranties and lead times.		
		Bill and Hold fees are not included in this quote. (Adder if needed)		
		If anchor bolts require pre-shipment - \$50.00 per set adder will apply.		
		Items subject to governmental tariffs effective on or after quote will be		
		price in effect at time of shipment unless otherwise specified.		
		Quote is valid for 30 days.		

All Sales are subject to Gexpro's Terms and Conditions of Sale in effect at the time of this quotation. Gexpro's Standard Terms and Conditions of Sale are available at www.gexpro.com/terms. This quotation supersedes all previous quotations relating to this transaction. Due to martket conditions, all products or items set forth in this quotation are subject to price increases through time of shipment unless this quotation expressly states that pricing for any such products or items is firm and fixed. Any services included in this quotation and listed as not being performed by Gexpro shall be provided on a pass-through basis with the actual service provider's terms and conditions governing the provision of the services. Notwithstanding anything to the contrary in Customer's purchase order or any subsequent documents, Gexpro expressly objects to any additional or different terms proposed by the Customer, and no such terms will be binding on Gexpro unless specifically agreed to in writing by a

1

#### DESCRIPTION

CX Series LED exit is a die cast aluminum unit suitable for architectural applications. With the new advanced standard features and industry leading innovations, they are now the most universal, energy friendly, easiest to stock and install, and safest Exits in their class.

# Sure-Lites

Catalog #		Туре
Project	Laramie County Government	Х3
Comments		Date
Prepared by	Dean Palmer	4/29/2019

#### SPECIFICATION FEATURES

#### Electrical

- General Features
- Field selected red and green sign capability standard on all units (units shipped red, field convert to green with supplied parts)
- Voltage Input
- 120/277 VAC, 60 Hz
- 240 VAC, 60 Hz with 48 hour recharge
- AC Only
- Optional 2C (Two circuit, FTBR) available in 120/277 VAC in standard and emergency operation
- Self Powered
- Sure-Lites EZ Key patented external battery disconnect feature – prevents unnecessary battery drainage, saves on installation time
- Solid-state Voltage Limited Charger
- Brownout Circuit
- Low-Voltage Disconnect
- Test Switch/Power Indicator Light
- Standard 24 hour recharge
- time (max)
- Eagle-Eye<sup>™</sup> Self-Diagnostic

#### feature available as option

#### **Housing Construction**

- Die cast aluminum housing
- Die cast canopy included (for mounting convenience
- only no electrical components in canopy)
- Universal pattern knockouts
- on rear of single face housing for direct mounting to junction box
- Knockout provided on housing for surface attachment
- Exit can be universally mounted:
- ceiling, wall or end
- Choice of three finishes: black housing with brushed aluminum face, white housing with white face or black housing with black face
- NFPA 101 compliant knockout chevrons allow quick conversion
- to directional signs - Single and double faced signs available, order separately

5 1/16" [129mm]

#### **Code Compliance**

- UL 924 Listed
- UL Damp Location (0-40° C)
- Life Safety NFPA 101
- NEC/OSHA
- Most State and Local Codes - Suitable for Floor Proximity
- Installation
- UL Listed for 2C (FTBR)

#### Lamp Data

- AC LED: Red and green LED lamps provide uniform diffused illumination
- DC: Red and green LED DC lamps (Brighter in emergency mode)

#### Warranty

#### - Exit: 5-Year

- Battery: 7-year pro-rata



## CX SERIES

DIE-CAST ALUMINUM SURFACE MOUNT LED LAMPS EXIT LIGHTING

### ENERGY

DATA Maximum power consumption under all charge conditions:

#### AC Only, 120V - Red Amos: 0.07

Amps: 0.07 Watts: 0.98 Power Factor: 0.12 Self Powered, 120V - Red Amps: 0.07 Watts: 0.98 Power Factor: 0.12

Self Powered, 120V - Green

Amps: 0.07

Watts: 1.00

Self Powered, 277V - Red

Amps: 0.07

Watts: 1.03

Power Factor: 0.13

AC Only, 120V -Green Amps: 0.07 Watts: 1.02

## AC Only, 277V - Red

Power Factor: 0.13

Amps: 0.07 Watts: 1.04 Power Factor: 0.06

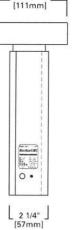
#### AC Only, 277V -

Green Amps: 0.07 Watts: 1.12 Power Factor: 0.06 Self Powered, 277V - Green Amps: 0.07 Watts: 1.09 Power Factor: 0.05

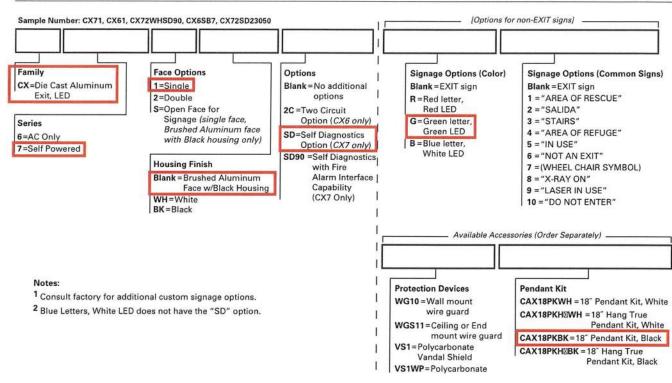
Power Factor: 0.06

(or min)

FATON Powering Business Worldwide 15/16" [24mm] 8 1/4" (210mm)



4 3/8"



#### TECHNICAL DATA

#### Lamps

CX Series Exits use energy efficient, long life LED's to provide uniform diffuse illumination of the exit face. These red and green LEDs require no maintenance and consume less than one watt, on average.

#### **Housing Construction**

Die cast aluminum with Brushed Aluminum face and black trim standard. Optional finishes include White and Black. NFPA 101 compliant knockout chevrons for easy conversion to directional sign. Universal pattern knockouts are in the back of the single face housing for direct mounting to junction box. Die cast aluminum alloy canopy included for universal mounting. Canopy is included for mounting convenience only-no electrical components in canopy.

#### Lens

Lenses for the CX Series Exits are made from durable, impact resistant polycarbonate. All exit faces are designed with full 3/4" stroke snapout or snap-in chevron directional indicators to insure maximum visibility and compliance with the latest codes. Units come with red lenses installed and green lenses included for field selectable red or green signs.

#### Sure-Lites EZ Key External Battery Disconnect (Self Powered Only)

Patented technology that allows installers to externally control the battery connection. Better than line latching, allows installers to choose when the battery is connected so that it stays fresh longer. Allows battery to be disconnected after installation but before building is occupied, enabling emergency circuit to be shut down for power savings.

#### Brownout Circuit (Self Powered Only)

The brownout circuit on Sure-Lites' exits monitors the flow of AC current to the exit and activates the emergency lighting system when a predetermined reduction of AC power occurs. This dip in voltage will cause most ballasted fixtures to extinguish causing loss of normal lighting even though a total power failure has not occurred.

#### Solid-State Transfer (Self Powered Only)

The CX Series Exit incorporates solid-state switching which eliminates corroded and pitted contacts or mechanical failures associated with relays. The switching circuit is designed to detect a loss of AC voltage and automatically energizes the lamps using DC power. Upon restoration of AC power, the DC power will be disconnected and the charger will automatically recharge the battery.

#### Low Voltage Disconnect (Self Powered Only)

When the battery's terminal voltage falls, the low-voltage circuitry disconnects the lighting load. The disconnect remains in effect until normal utility power is restored, preventing deep battery discharge.

#### Test Switch/Power Indicator Light (Self Powered Only)

A test switch located on the side of the exit permits the activation of the emergency circuit for a complete operational systems check. The Power Indicator Light provides visual assurance that the AC power is on.

#### Sealed Nickel Cadmium Battery (Self Powered Only)

Sure-Lites sealed nickel cadmium batteries are maintenance-free with a life expectancy of 15 years. The sealed rechargeable nickel cadmium

battery offers high discharge rates and stable performance over a wide range of temperatures, from 0-40° C. The specially designed re-sealable vent automatically controls cell pressure, assuring safety and reliability. This battery is best suited for harsh ambient temperatures because the electrolyte is not active in the electrochemical process.

#### "2C" (AC Only)

The "2C" Option enables the Exits to operate per the requirements of UL 924 when connected simultaneously to both normal and emergency power circuits (two circuit operation–UL Category FTBR–Emergency Lighting and Power Equipment). The "2C" Option alters the standard Exit such that it complies with and is UL Listed under the FTBR Category. This option should only be used for exits which are intended to be connected simultaneously to normal and emergency power circuits. Both circuits have universal 120/277 VAC standard.

#### Eagle Eye<sup>™</sup> Self Diagnostics Option (Self Powered Only)

The self-diagnostic unit will automatically perform all tests required by UL924, and NFPA 101. The system indicates the status of the exit at all times using the LED indicator near the test switch on the side of the unit. A 90 minute battery power (emergency mode) simulation test will occur randomly once every 12 months. A 30 second battery power simulation test will occur every 30 days.

#### Warranty

All Sure-Lites' products are backed by a firm five-year warranty against defects in material and workmanship. Maintenance-free, long-life, sealed nickel cadmium batteries carry a sevenyear pro-rata warranty.



Specifications and dimensions subject to change without notice.



## **COR-023**

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

LC Government Cente 309 W 20th St, Cheyenne,	er Courthouse Renovation	<b>Project # 50-17-006</b> Tel: Fax:	FCI Constructors of Wyoming LLC
5/2/2019	Upgrade dan	naged 3 data ports In License (N	IM 035-001) Pendin
Category	Reference		PCCO Number
Change Order Request	MM 035-001		
Notes			
All items related to your so	cope of work including but not l	mited to:	
MSI - Backcharged for reg	placing damaged Cat 5e tele-da	ta lines.	
Itemized Details:	nd labor for installing new cat 6/	tele-data lines at 3 workstations that	were damaged by others. Includes working off hours.
General Description		and the second	Quote Rec'd Propose
Mechanical Systems, Inc.			(\$3,786.00
Description of Work: Mec	hanical		
TeamLINX, LLLP			\$4,171.00
Description of Work: Tele-	-Data		£
FCI Constructors of Wyon			\$6.00
Description of Work: 1.55	% Bonds & Insurance	8	
FCI Constructors of Wyon			\$16.00
Description of Work: 4.00	% FCI Overhead & Fee		
			Requested Days: 0 Total Change: \$407.00

FCI PM Approval:	Bes M. A.	Owner Approval:	BA
Date:	5/2/19	Date:	5/9/19
Architect Approval: Date:	Sallfalse 2 May 2019		, ,

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



#### **Meeting Minutes**

Detailed (Editable), Grouped by Topic for each Meeting and by 'Old Business' and 'New Business'

ting Item Description	Resp	Status	Due Date	Compl'd	Cls'd
<ul> <li>bill 23/19. Snyder (PCI) is working with Ridge to schedule. Ben (LC) noted all A/V rough-in work needs to be completed by 5/31.</li> <li>04/18/19. Snyder (FCI) still trying to confirm this Sat.</li> <li>04/11/19: Snyder (FCI) and Earley (FCI) will be locating and verifying their locations tonight. They still plan on core drilling next Sat.</li> <li>04/04/19: Snyder (PCI) noted the poke thru's are in and the remaining core drilling is scheduled for 4/20.</li> <li>03/21/19: Jason E (FCI) Stated core drilled circuit court and 3rd floor to 2nd floor in herodel portion is complete.</li> <li>02/28/19: GPRS is complete. Ridge is trying to find contractor who can dry core.</li> <li>02/14/19: Jason E (FCI) Did have location meeting earlier this week, will send Ben (LC) a confirming email and will also track on as-builts.</li> <li>02/07/19: Ben (LC) Asked to send him a meeting invite for Wed (2/13) at 7:00am.</li> <li>01/31/19: Jason S (FCI) will be locating and x-raying (GPRS) for core drills on 2/18. Will need Ben (LC) to locate any poke-thru's (such as in Circuit Court) prior to then.</li> </ul>					No
	×				
-					No
(the County no longer wants the proposal to upgrade all					No
the work stations. However, does want a proposal to					
proposal to the county for removing all the existing					
work station.					
04/11/19: Ben (LC) noted after speaking to the county IT,					
Rusty (County IT) and understand the scope of work					
entailed.					
additional lines replaced to Cat 6. Rusty also confirmed					
correcting 3 wires using Cat 6. Subcontractor will be					
responsible for price 1. Delta between 1 & 2 is by Owner.					
03/28/19: Ben (LC) Noted during the VAV replacement					
being done this week, 4 tele-data lines were cut. The					
with an email to Ross.					
	_				
	-				
					No
2nd floor has already started but will talk to team about					
shifting. Also mentioned about possibly placing some					
	be completed by 5/31. 04/18/19. Snyder (FCI) still trying to confirm this Saf. 04/14/19: Snyder (FCI) and Earley (FCI) will be locating and verifying their locations tonight. They still plan on core drilling next Sat. 04/04/19: Snyder (FCI) noted the poke thru's are in and the remaining core drilling is scheduled for 4/20. 03/21/19: Jason E (FCI) Stated core drilled circuit court and 3rd floor to 2nd floor in periodel portion is complete. 02/28/19: GPRS is complete. Nudge is trying to find contractor who can dry core. 02/14/19: Jason E (FCI) Did have location meeting earlier this week, will send Ben (LC) a confirming email and will also track on as-builts. 02/07/19: Ben (LC) Asked to send him a meeting invite for Wed (2H3) at 7:00am. 0/31/19: Jason S (FCI) will be locating and x-raying (GPRS) for core drills on 2/18. Will need Ben (LC) to locate any poke-thru's (such as in Circuit Court) prior to inten. <b>1 Lines in License Plate Dept</b> 04/25/19: Ben (LC)) as a follow-up to his 4/23/19 email, the County no longer wants the proposal to tuggrade all the work stations. However, does want a proposal to upgrade the 3 damaged lines. 04/18/19: Ross (FCI) noted he is working on providing a proposal to the county for removing all the existing tel-data lines in the work stations (3 lines per) in the license plate dept and replacing with Cat 6A, 4 lines per work station. 04/14/19: Snyder (FCI) walked with Linx earlier this week. Per Snyder, the county IT (Rusty) would like 3 additional lines cut were just 3. Ross (FCI) will meet with Rusty (County IT) and understand the scope of work entailed. 04/04/19: Snyder (FCI) walked with Linx earlier this week. Per Snyder, the county IT (Rusty) would like 3 additional lines cut were just 3. Ross (FCI) is having Linx price as: 1 - correcting using original wire. 2 - Price correcting 3 wires using Cat 6. Subcontractor will be responsible for price 1. Detta between 1 & 2 is by Owner. Linx will also provide 3rd proposal for upgrading 3 other line	<ul> <li>Bél25/19: Snyder (FCI) is working with Ridge to schedule. Ben (LC) noted all AV rough-in work needs to be conspleted by 5/31.</li> <li>O4/18/19: Snyder (FCI) still trying to confirm this Sti. O4/11/19: Snyder (FCI) and Earley (FCI) will be locating and verifying their locations tonight. They still plan on core drilling next Sat.</li> <li>O4/04/19: Snyder (FCI) noted the poke thru's are in and the remaining core drilling is scheduled for 4/20.</li> <li>O321/19: Jason E (FCI) Stated ore drilled circuit court and 3rd floor to 2nd floor in enodel portion is complete.</li> <li>O2/24/19: CPRS is complete Ridge is trying to find contractor who can dry ore.</li> <li>O2/14/19: Jason E (FCI) Did have location meeting earlier this week, will send Ben (LC) a confirming email and will also track on as builts.</li> <li>O2/07/19: Ben (LC) Asked to send him a meeting invite for Wed (2(3) at 7:00am.</li> <li>O13/119: Jason S (FCI) will be locating and x-raying (CPRS) for core drills on 2/18. Will need Ben (LC) to logate any poke-thru's (such as in Circuit Court) prior to then.</li> <li>Defines in License Plate Dept</li> <li>Mets stations. However, does want a proposal to upgrade all the work stations. However, does want a proposal to upgrade all the work stations. However, does want a proposal to upgrade all the work stations. Ross (FCI) noted he is working on providing a proposal to the county for removing all the existing tele-data lines in the work stations. Glines peri) in the license plate dept and replacing with Cat 6A, 4 lines per work station.</li> <li>O4/04/19: Snyder (FCI) walked with Linx earlier this week. Per Snyder, the county IT (Rusty) ason find work stations. Ross (FCI) noted after speaking to the county IT, they want to have all the cables upgraded and a 4th line added to all work stations. Ross (FCI) is having Linx price as: 1 - correcting using original wire. 2 - Price correcting 3 wires using tele-data lines replaced to Cat 6. Rusty alaso confirmed original lines cut were just 3. Ross (FCI) is havi</li></ul>	bl22/19: Snyder (FCI) is working with Ridge to schedule. Ben (LC) noted all AV rough-in work needs to be concluded by 5/31. Q418/19: Snyder (FCI) all derive (FCI) will be concluded by 5/31. Q44/19: Snyder (FCI) and Earley (FCI) will be concluded and and the remaining earle at revert (FCI) will be concluded and the remaining core dhing is scheduled for 4/20. Q3/21/19: Jason E (FCI) Stated core drilled circuit court and 3rd floor to 2nd floor in hemotel portion is complete. Q2/24/19: Snyder (FCI) and Earley (FCI) will be concluded and the remaining core dhing is scheduled for 4/20. Q3/21/19: Jason E (FCI) by tated core drilled circuit court and 3rd floor to 2nd floor in hemotel portion is complete. Q2/24/19: Suson E (FCI) dhave lobation meeting earlier this week, will send Ben (LC) a confirming email and will also fract (on a schults). Q2/14/19: Jason E (FCI) will be locating and x-raying (GPB5) for core drils on 21/8. Will need Ben (LC) to logate any poke-thru's (such as in Circuit Court) prior to then. D4/25/19: Ben (LC)) as a follow-up to his 4/23/19 email, the county no longer wants the proposal to upgrade and the schenge level of the schenge level (SCI) to logate any poke-thru's (such as in Circuit Court) prior to then. D4/25/19: Ben (LC)) as a follow-up to his 4/23/19 email, the county no longer wants the proposal to upgrade and the schenge level (SCI) to logate any poke-thru's (such as in Circuit Court) prior to then. D4/25/19: Ben (LC) noted differ speaking to the county IT, they want hows all the coales upgraded and a 4 th line added to all work stations. Roses (FCI) will be locating and the schenge plate dept and replacing with Cat 6A, 4 lines per work station. Q4/14/19: Snyder (FCI) walled with Linx earlier this week. Per Snyder, the county IT (Rusy) would like 3 additional lines replaced to Cat 6. Rusy also confirmed orginal lines replaced to Cat 6. Suby other. D4/26/19: Snyder (FCI) walled with Linx earlier this we	<ul> <li>BA2519: Snyder (FCI) is working with Ridge to schedule. Ben (LC) noted all XV rough-in work needs to be coheated by \$33.</li> <li>CMTB1718: Snyder (FCI) all tyring to confirm this \$24.</li> <li>CMTB1718: Snyder (FCI) all target (FCI) will be docking and verying their locations tonight. They stir plan on core dilling or schedule for 420.</li> <li>CMTP1718: Snyder (FCI) all target schedule for 420.</li> <li>CMTP1718: Snyder (FCI) all target schedule for 420.</li> <li>CMTP1719: Jason E (FCI) bladed schedule for a mainter schedule for the maximum schedule schedule for the formal schedule schedule for the sche</li></ul>	by 25/19: Snyder (FCI) is working with Ridge to schedule. Ben (LC) noted all AV rough-twork needs to completed by 30:1. 04/18/19: Snyder (FCI) all brains to confirm this Sat. 04/18/19: Snyder (FCI) and Earley (FCI) will be Jocating and the schedule of the remaining core drived by 51:1. 03/29/19: Jason to Engl: The probability are in and the remaining core drived by form to inspire the probability are in and the remaining core drived by definition is complete. 03/29/19: Jason E(FCI) State definition is complete. 03/29/19: Jason E(FCI) Will be locating and x-raying (GFB6) for core drills on 21/6. Will be locating and x-raying (GFB6) for core drills on 21/6. Will be locating and x-raying (GFB6) for core drills on 21/6. Will be locating and x-raying (GFB6) for core drills on 21/6. Will be locating and x-raying (GFB6) for core drills on 21/6. Will be locating and x-raying (GFB6) for core drills on 21/6. Will be locating and x-raying (GFB6) for core drills on 21/6. Will be locating and x-raying (GFB6) for core drills on 21/6. Will be locating and x-raying (GFB6) for core drills on 21/6. Will be locating and x-raying (GFB6) for core drills on 21/6. Will be locating and x-raying (GFB6) for core drills on 21/6. Will be locating and x-raying (GFB6) for core drills on 21/6. Will be locating and x-raying (GFB6) for core drills on 21/6. A lines per core drills drive the units ray base confirmed or drive sta

fans on the 3rd floor offices overnight to pull cool air into

### **Ross Choate**

From:	Ross Choate
Sent:	Thursday, May 2, 2019 8:07 AM
То:	Gregg Moon
Cc:	Jason Earley; Jason Snyder; Timothy Elder
Subject:	RE: 50-17-006 FW: LCGC Data Cable Replacement - Linx Proposal
Attachments:	COR #023 - Linx Cat5e Rev1.pdf

Laramie County Courthouse Remodel Cheyenne, WY FCI Constructors of Wyoming 50-17-006

Hey Gregg,

Attached is the proposal from Linx for replacing the cut lines with new Cat 5e lines. This still needs to be reviewed by the Design Team but if everything seems appropriate, this will be issued as a back charge to MSI. Please note this does not include any FCI or electrician costs. MSI will also be responsible for these costs, if required.

Thanks,

From: Timothy Elder
Sent: Friday, March 29, 2019 4:29 PM
To: Ross Choate <rossc@fciwyllc.com>
Cc: Gregg Moon <greggm@msiwyo.com>; Jason Earley <jearley@fciwyllc.com>; Jason Snyder <jsnyder@fciwyllc.com>
Subject: Re: 50-17-006 FW: LCGC Data Cable Replacement - MSI

Climate control cut the lines at night on Tuesday. We found out about them Wednesday morning when the staff started their day.

Sent from my iPhone

Timothy Elder Superintendent FCI Constructors of Wyoming, LLC. P.O. Box 21569 (82003) 1023 E. Lincolnway Cheyenne, WY 82001 P. (307) 778-3085 F. (307) 778-3659 C. (307) 256-3024 www.fciwyllc.com



On Mar 29, 2019, at 3:52 PM, Ross Choate <<u>rossc@fciwyllc.com</u>> wrote:

Change Order N R Desc	als for: Laramie Cour Number: <b>#39390 CO#0</b> Pevision: 1 Cription: License Rm 14 Option:	4
Network Cabling   MultiMedia   Security Solutions FCI COR #023 - Linx (Cat 5e)	Labor: Materials: Expenses: Subcontracting: Bonding: Freight and Fees	\$2,935.59 \$371.13 \$456.52
Back charged to MSI	Taxes:	\$22.27
Change Order Scope	Total:	\$3,785.52 < \$3,786.00>

#### Per email request Linx will replace the 3 cut cables on the 1st floor with Cat5e cabling for a total of 3 new Cat5e cables. Material Material Part Qty. Manufacturer Description Unit Extension Number **HORIZONTAL - ORTRONICS** TECHCHOICE CAT 5E 600 Superior Essex 51-241-28 Marathon LAN, Category 5e UTP, Plenum, Blue Cable \$120.00 \$0.20 3 LABOR LINX DROP AND ROUTE 3 LABOR LINX OPEN UP FURNITURE TO ROUTE CABLES 3 LABOR LINX DRESS CABLES TO PATCH PANEL LABOR 3 LINX TERMINATE CABLES ON THE PATCH PANEL 3 LINX TEST CATEGORY CABLES LABOR SUPPLIES 33 LINX GENERAL PATHWAY CONSTRUCTION \$7.61 \$251.13 LINX will provide and install the above Change Order, once executed, on or before: Date LINX Signature: Print Name: Phone # **OWNER/CUSTOMER** Accepted - The above price and Change Order Scope is satisfactory and is hereby accepted. All work will be performed under the same terms and condition as specified in the Original Contract unless otherwise stipulated.

Date of Acceptance:	-
Authorized Signature:	_
Print Name:	
-	Phone #



# **CHANGE ORDER**

\$4,171.00

Qty.	Manufacturer	Part Number	Description	Material Unit	Material Extension
		Number	HORIZONTAL - ORTRONICS		
			TECHCHOICE		
			CAT 6A		
600	Superior Essex		10Gain, Category 6A UTP, Plenum, Cable, .32"OD	\$0.51	\$306.0
3	Ortronics		TechChoice Category 6A jack	\$5.28	\$15.8 <sup>,</sup>
1	Ortronics		Clarity 24-port Category 6A Patch Panel, 1U	\$168.48	\$168.4
3	Ortronics		4-port Single Gang Faceplate	\$1.42	\$4.26
1	Ortronics		TechChoice Blank Module, 10/pack	\$2.67	\$2.6
3	LABOR		DROP AND ROUTE		
3	LABOR		OPEN UP FURNITURE TO ROUTE CABLES		
3	LABOR		DRESS CABLES TO PATCH PANEL		
3	LABOR	LINX	TERMINATE CABLES ON THE PATCH PANEL		
3	LABOR	LINX	TEST CATEGORY CABLES		
			SUPPLIES		
					•
33	LINX		PATHWAY CONSTRUCTION install the above Change Order, once executed, on or bef	\$7.61	\$251.1
33	LINX will pr	rovide and ignature:	PATHWAY CONSTRUCTION install the above Change Order, once executed, on or bef	ore:	\$251.13
33	LINX will pr	rovide and	PATHWAY CONSTRUCTION install the above Change Order, once executed, on or bef	ore:	
WNE	LINX will pr LINX S Pri R/CUSTOMER red - The above	rovide and ignature: nt Name: e price an	PATHWAY CONSTRUCTION install the above Change Order, once executed, on or bef	ore:I	Date
WNE	LINX will pr LINX S Pri R/CUSTOMER red - The above	rovide and ignature: nt Name: e price an same term	PATHWAY CONSTRUCTION install the above Change Order, once executed, on or before d Change Order Scope is satisfactory and is here and condition as specified in the Original Contra	ore:I	Date
WNE ccept erform	LINX will pr LINX S Pri R/CUSTOMER red - The above ned under the s	rovide and ignature: nt Name: e price an ame term	PATHWAY CONSTRUCTION install the above Change Order, once executed, on or before d Change Order Scope is satisfactory and is here and condition as specified in the Original Contra	ore:I	Date
WNE ccept erform	LINX will pr LINX S Pri R/CUSTOMER ed - The above hed under the s Date of Acce Authorized Sig	rovide and ignature: nt Name: e price an ame term	PATHWAY CONSTRUCTION install the above Change Order, once executed, on or beford and Change Order Scope is satisfactory and is here and condition as specified in the Original Contra	ore:I	Date



## **COR-025**

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

LC Government Center Courthouse Renovation Project # 50-17-006 FCI Constructors of Wyoming LLC 309 W 20th St, Cheyenne, WY 82001 Tel: Fax: 5/24/2019 Added Door in AHU #001 & 002 (MM 037-001) Pending Category Reference PCCO Number Change Order Request OAC MM Item #037-001 Notes All items related to your scope of work including but not limited to: MSI - Supply materials and labor for installing 1 each per unit 36" X 72" door inside AHU #001& #002. Also includes access switch(s) to interlock(s) with the fans to shut them down. Clarifications: -Proposal does not include any additional light fixtures. -Units will be inactive during installation -FCI/subcontractors will not be responsible for voiding any current AHU warranties due to Owner requested alterations to the units. Itemized Details: **General Description** Quote Rec'd Proposed Mechanical Systems, Inc. \$16,818.00 Description of Work: Mechanical FCI Constructors of Wyoming LLC \$261.00 Description of Work: 1.55% Bonds & Insurance FCI Constructors of Wyoming LLC \$683.00 Description of Work: 4.00% FCI Overhead & Fee **Requested Days:** 0 Total Change: \$17,762.00 FCI PM Approval: **Owner Approval:** Date: Date: 5/24/19 6/6/19 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

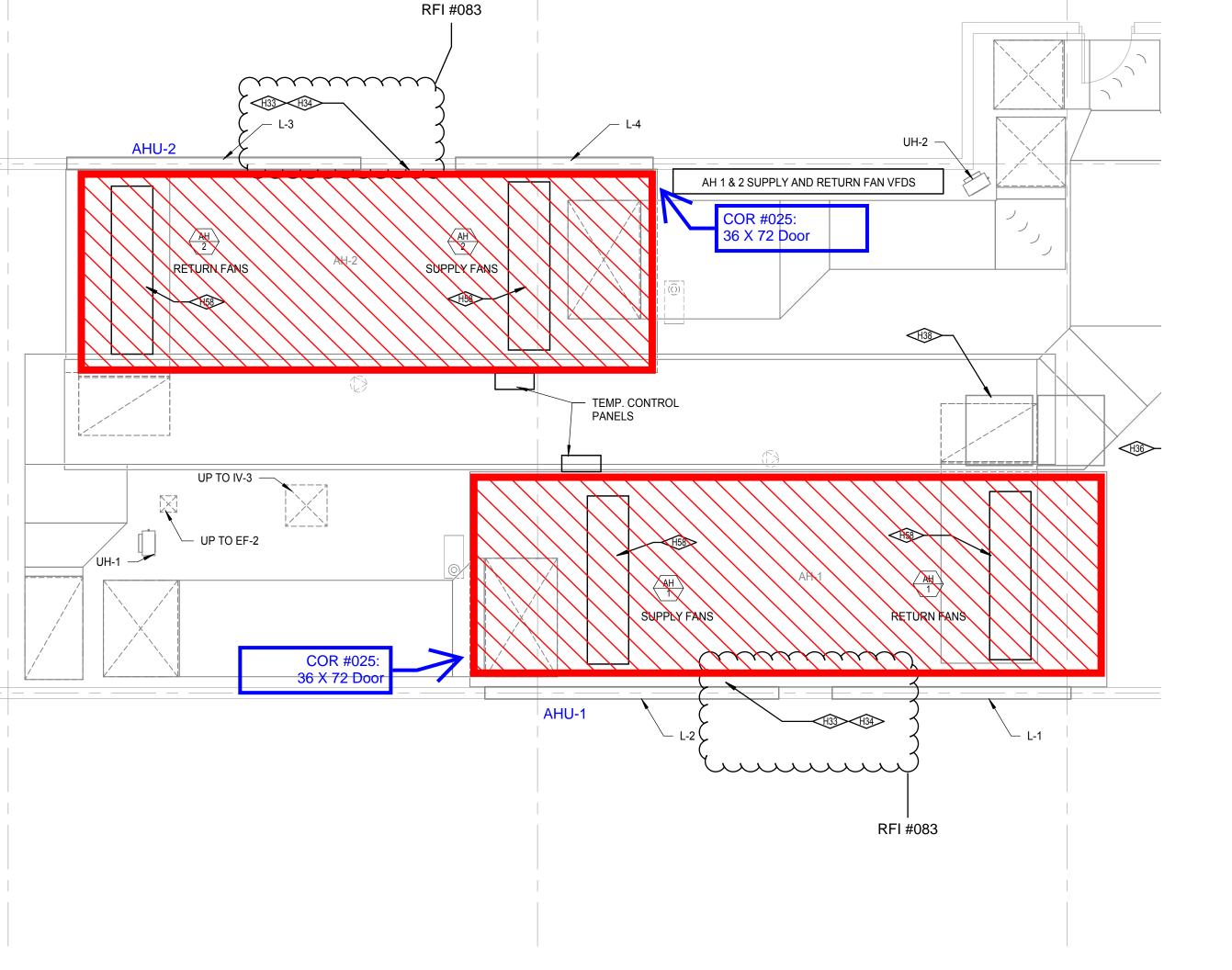
#### This proposal is good for seven days from date of issuance

FCI Integration



**Meeting Minutes** \*NEW Detailed, Grouped by Topic for each Meeting and by 'Old Business' and 'New Business'

Item Mee	eting Item Description	Resp	Status	Due Date Compl'd Cls'd
	on the existing doors that once had a clo also install bumpers and silencers at all t office doors. Ross (FCI) will keep track of labor costs and acquire to the FCI allowa	he existing materials and		
Floor Gr	inding/Patching @ District Court wood	base		
036-001	04/11/19: Snyder (FCI) has rented a mac started grinding. 04/04/19: Snyder (FCI) noted in order for in the district courtroom to lay flush, beca known waves in the existing slab. Will be grinder/VAC system to flatten out the slat place floor patch to level. Ress (FCI) rem slabs were a known issue from the existin conversations. FCI will keep track of the	the wood base use of the renting a o and will also inded team the ng carpet glue		No
Added E	xterior Window in Rm. 2107 - Assist. Pt	blic Defenders		
036-002	04/11/19: Ross (FCI) has sent pricing info pricing as COR #019. Noted the existing will need to be moved and due to the limit space, outlet may be greater than 2 feet f electrical convenience outlet. 04/04/19: Ben (LC) asked FCI to price ac in the exterior wall of Rm. 2107 - Assist. I Defenders.	tele-data outlet ted wall cavity from existing ding a window		No
New Bus				
	<b>Door and Light @ AHU #001 &amp; #002</b> 04/11/19: Ben (LC) spoke to Gabe (Clima about adding or relocating a door to the A possibly AHU #002. Jerry (LC) would also relocate the 1 each light fixture on the ret each unit.	AHU #001 and b like to		No
			-	
Item Mee	ting Item Description	Resp	Status	Due Date Compl'd Cls'd
007 - PA	APPLICATIONS			
Old Busi	iness			
Pay App	lication			
004 000	03/28/19: Ben (LC) County is processing	the March pav		No
001-008	application. 03/07/19: Ross (FCI) Because of FCI Yea			



COST ESTIMATE BREAKDOWN #14R.1				DATE: 5/24/2019 \$16,818				8			
PRO	JECT: LCGC	DESCRI	PTION:A	dd access	doors for air	handlers	supply fa	ans and retu	n fans, indivi	idual door inte	erlocks
WOR	CLOCATION: Penthouse		OR #0								enne, Wy. 82001
		UNIT		MATER	IAL COST		LABOR CO		EQUIPMENT &	DIRECT COSTS	
LINE NO.	ITEM DESCRIPTION	OF MEASURE	QUANTITY	UNIT	SUB-TOTAL	Man Hr	AVERAGE RATE	SUB-TOTAL	UNIT	SUB-TOTAL	LINE TOTAL
1				0	COD TOTAL			000 101112	0	00210112	
2										+	
3										1	
4											
5	Climate Control	Lot	1								\$9,842.00
6	Long	Lot	1								\$4,401.00
7		-									
8										ļļ	
9											
10											
11 12										╂────┤	
13										++	
14										++	
15										1	
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33	Project Management					1.00	\$95.00			<b></b>	\$95.00
				SUB-TOTAL:	\$0.00	1.00		\$95.00			
								TAX ON MATERIA		6%	\$0.00
								SUBTOTAL		7.50/	\$14,338.00
	<u> </u>							OVERHEAD %		7.5%	\$1,075.35
	Ourse Manage Designed Manage 1921							PROFIT %		7.5%	\$1,075.35
	Gregg Moon - Project Manager MSI							BOND / INSURAN	NCE %	2%	\$329.77
								TOTAL COST		łł	\$16,818
SIGNATI	JRE:		1							++	
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## Long Controls

	Long Contro	715			r	1	1	
	ler # LONG 0#							
	8020.180333 LC							
	AHU-1 Added AH	U Door Safe	ety Switches					
	egg Moon / MSI							
Date: 05-20-	·19							
			-					
Labor Costs		Hours	Costs		EXPENSE	-	DAYS	COST
	mming/Graphics	4			Electrician		0	
Engineering		4			Tech.		0	
Electrician		36			TOTALS		0	\$0.00
Mechanics		0						-
Commission		3			SUBCONT	RACTS		Amount
Labor Total			\$3,055.00					\$0.00
PM Cost 10	%		\$305.50					
Travel Costs	;	Hours	Mileage	Totals	Total			\$0.00
		0	0	\$0.00				
Total Cost				· · ·		TOTAL COS	STS	
						Labor Costs		\$3,360.50
Parts		Quantity	Costs	Totals		Parts Cost /		\$643.44
Omron ZE-N	J2S Whisker Sw	6	\$68.40	\$410.40				
Conduit / fitti		1	\$97.00	\$97.00		Less Materia	al Tax	\$31.00
24vac Relay		4	\$26.35	\$105.40		Sub Contrac		\$0.00
		0	\$0.00	\$0.00		Sub Total		\$3,972.94
				\$0.00		OH Applied	10%	\$397.29
				\$0.00				
				\$0.00		Plus Materia	al Tax	\$31.00
				\$0.00		Expense		\$0.00
				\$0.00		Travel Cost		\$0.00
				\$0.00		CO Total Co	ost	\$4,401.23
				\$0.00				
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				\$0.00				
				\$0.00		TAX RATE	COUNTY	COST
Totals				\$612.80		5%		\$30.64

550 East College Drive

# Quotation

Cheyenne, WY 82007				
(307) 632-2811		Project:	LCGC	
Fax (307) 632-2612		Address:	0	
		City & State:	CHEYENNE WY	_
		Contractor:	MSI	
		Date:	05.09.2019	_
		Date of Plans;	NA	
Including Addenda #	0	This quot	e is valid for: <u>30</u> days	

Inclusi		Amount			
Provide and insta	all two (	doors located in AHU s	supply plenums		
Labor at \$80/HR	•				
Shop Fabrication		8.00			
Demo		7.00			
Installation		39.00			
Total Hours		54.00			
	\$	4,320.00		\$	4,320
Material					
Sheet Metal	\$	239.00			
Misc Material	\$	57.00			
Access Doors	\$	4,464.00			
Sub Total	\$	4,760.00			
6% Tax	\$	285.60			
10% Mark Up	\$	476.00			
Total Materials	\$	5,521.60		\$	5,522
				\$	9,842
Exclus	ions:				

This price does not include any painting, patching, remodel or any other item not specifically mentioned above or as follows.

Signed \_\_\_\_\_\_ AL CASSIDY Title Project Manager

## **Ross Choate**

From: Sent: To: Cc: Subject: Gabriel Herrera <gherrera@climatecontrolwyo.com> Friday, May 24, 2019 2:05 PM Ross Choate Gregg Moon LCGC - AHU Access Doors

Ross

The access doors priced for the AHUs are 36x72.

Have a good weekend.

Gabe

Gabriel Herrera, PE Mechanical Engineer Project Manager Climate Control, LLC

307.421.7799 Cell 307.632.2811 Office