



Cook County
Department of Planning & Policy
69 W Washington
Chicago, IL 60602

DCPP Project ID: 23273

Date: 05/28/2019

To: Cook County, Purchasing
118 N. Clark Rm. 1018
Chicago, Illinois 60602

From: Cook County Department of Capital Planning & Policy
69 W Washington, Floor 30
Chicago, IL 60602

Work Order Number: 063418.00

Location: 3015 S. California
Chicago, IL 60602

Contract #: 1555-14475-EC8

Portfolio: Public Safety

Contractor: Sharlen Electric Company

Work Order Title: Cook County DOC Division XI Fire Life Safety Upgrades

Notice of Proposal Acceptance (NOPA)

If Revised: ☐ Date:


Your Work Order Proposal has been accepted for the above Work as follows:

Work Order Amount:	\$356,216.28
Licensing Fee for The Gordian Group (5.00% of Construction)	\$17,810.81
Total Amount:	\$374,027.09
MWBE Participation:	\$0.00
Funding Source(s)	7 - Life Safety
Liquidated Damages:	Liquidated Damages will not apply

A notice to proceed will be issued which will establish the Work Order Start date and the completion date.

The CCOCPP JOC Coordinator

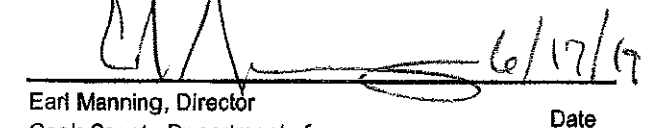
Requested By:


Warrick Graham, County Project Director
Cook County Department of
Planning and Policy

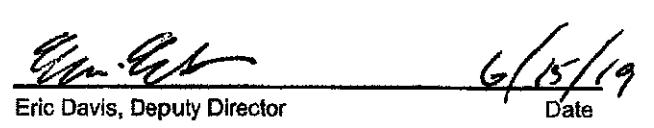
Date


Seemesh M. Gupta
Financial Analyst

Date


Earl Manning, Director
Cook County Department of
Capital Planning & Policy

Date


Eric Davis, Deputy Director
Cook County Department of
Planning and Policy

Date


Ann P. Kalayil, Bureau Chief
(Signature required for Projects Over \$1 million)

Date

Approved By:


Raffi Sarrafian, CPO
Office of Chief Procurement Officer

Date



Cook County
Department of Planning & Policy
69 W Washington
Chicago, IL 60602

Job Order Contract (JOC)

Purchase Order Package Checklist

Job Order Number: 063418.00
Job Order Name: Cook County DOC Division XI Fire Life Safety Upgrades
Job Order Location: 3015 S. California, Chicago, IL 60602
Approved Proposal: \$358,216.28
Contractor: Sharlen Electric Company
Construction Duration: 6 Months Estimated Construction Start: 07-19-2019 Estimated Construction End: 01-28-2020

Contractor's Job Order Proposal Package

MBE/WBE Subcontractors' Documentation

- ☒ Notice of Proposal Acceptance (NOPA)
- ☒ Contractor Evaluation - Project Development
- ☒ County Justification Letter
- ☒ Detailed Scope of Work with Project Duration
- ☒ Detailed Estimated Construction Schedule
- ☒ Approved Price Proposal Summary & Detail
- ☒ Reimbursable Back Up
- ☒ Non Pre-Priced Back Up
- ☒ Disclosure of Retained Parties
- ☒ Identification of Sub-contractor/Sub-Consultant Form

- ☒ Compliance M/W/SBE Estimates
- ☒ MBE/WBE Utilization Plan - Form 1
- ☒ MBE/WBE Letter of Intent - Form 2
- ☒ Current Certification Letter/Internet
- ☒ M/WBE Subcontractor Waiver - Form 3

Other Documents/Information

- ☒ Drawings
- ☒ Project Picture(s) Documenting Existing Conditions
(Each photo must be in color and labeled)
- ☒ Is Project within Bond Capacity? - Y/N
- ☒ Special Insurance

Reviewed by Gordian's Account Manager:

Date:

06/09/2019



Cook County
Department of Planning & Policy
69 W Washington
Chicago, IL 60602

Job Order Number: 063418.00
Job Order Name: Cook County DOC Division XI Fire Life Safety Upgrades
Construction Amount: \$356,216.28

Contractor: Sharien Electric Company
Construction Start Date: 07/19/2019
Construction Completion Date: 01/28/2020

Contractor Evaluation - Project Procurement

S.No.	Description	Poor	Average	Excellent	N/A	
1	Rate the Contractor's availability to visit the Project Site with the Owner	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	Rate the quality of the Detailed Scope of Work	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	Yes or No, did the Contractor submit the first Price Proposal on time?	YES = 4 points				
4	Rate the quality of the first Price Proposal	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	Rate the quality/timeliness of subsequent Price Proposals	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6	Enter the number of Price Proposals submitted for this Project	6 = 2 points				
7	Rate the quality of the Contractor's Final Package	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8	Yes or No, did the contractor submit the Final Package on time?	YES = 5 points				
9	Rate the quality of the Contractor's Construction Schedule	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10	Rate the quality of Contractor's Communication and Responsiveness	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11	Rate the Contractor's overall performance during the Project Procurement Process	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Poor=1, Average=2 to 4, 5 = Excellent.

1 - 3 proposal(s) = 5 points
4 proposals = 4 points
5 proposals = 3 points
6 proposals = 2 points
≥ 7 proposals = 1 point

Timeliness
Early = 5 points
On Time = 4 points
Day Late = 3 points
2-3 Days Late = 2 points
Over 3 Days Late = 1 point

Gordian

Comments: Contractor did submit first proposal and final package on time. However, the revise proposals were late by almost 2 weeks because of subcontractors delays providing the information to the GC.

PD

Comments: SUB-CONTRACTOR RESPONSES TO CLARIFICATION OF THEIR PROPOSAL ADD EXTREME DELAYS IN SUBMITTING THE PROPOSALS

Project Director:

(Gordian to answer only questions 3, 6, & 8)



BUREAU OF ASSET MANAGEMENT
DEPARTMENT OF CAPITAL PLANNING AND POLICY
WARRICK GRAHAM, SR. AIA
PROJECT DIRECTOR
69 W. WASHINGTON, SUITE 3000 • CHICAGO, ILLINOIS 60602 • (312) 603-0311

TONI PRECKWINKLE

PRESIDENT

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of Commissioners

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17th District

May 31, 2019

Mr. Raffi Sarrafian, Chief Procurement Officer
Office of the Chief Procurement Officer
118 North Clark Street, 10th Floor
Chicago, Illinois 60602

SUBJECT: Cook County DOC Division XI Fire Life Safety Upgrades Project
Job Order Number .063418.00

Division XI is a maximum-security detention center, located on the Department of Correction Campus at 3015 South California Boulevard, in Chicago, Illinois. The facility is over 630,000 square feet in size and is approximately 25-years old. This project is the replacement of relay switches for the fire & life safety HVAC shut-down sequencing, the relay switches are the components that allow the fire and smoke detection devices to talk to/signal the operation of the HVAC system in emergency situations. This also includes the testing of miscellaneous components of the shut-down system and detection devices for fire and smoke control.

The cost proposal as presented has been reviewed by The Gordian Group (the JOC coordinator), STV/HEERY (Consultant Program Managers for DCPD) and me. The prices are fixed prices and/or direct purchased prices under the JOC program; the quantities have been reviewed & verified by the Gordian Group for the pre-established pricing; the final collective package for pricing of Three Hundred Fifty Six Thousand, Two Hundred Sixteen Dollars and Twenty Eight Cents (\$356,216.28) is found to be fair and reasonable.

If you have any questions regarding this issue, you may contact me at 312/603-0311 and/or email: warrick.graham@cookcountyil.gov.

Sincerely:


Warrick Graham, Sr., AIA
Project Director

CC: E. Manning
E. Davis
S. Lloyd
D. Theising STV/H
J. Folliard STV/H
F. Banks TGG
S. Suarez, TGG



Cook County
Department of Planning & Policy
69 W Washington
Chicago, IL 60602

Job Order Contract

Cook County Department of Capital Planning & Policy

Contractor: Sharlen Electric Company

Work Order Number: 063418.00

Date: 20 May 2019

Work Order Title: Cook County DOC Division XI Fire Life Safety Upgrades

Detailed Scope of Work

Project Scope Status:

☐ Preliminary

☐ Revised

☒ Final

02/26/2019

Following is the scope of work for the above Project Number. All requirements necessary to accomplish the work tasks set forth below shall be considered part of this scope of work.

- General Scope/Requirements
 - All work to follow Edwards Systems Technologies standards and requirements for their fire alarm system installation and programming, as well as generally accepted industry standards and codes.
 - See detail below for fan shutdown scope.
 - All work is in a secure correctional environment and must be phased and scheduled through owner and users.
 - All fire alarm related work in Division XI is to be by an Edwards Systems Technologies certified electrical contractor.
 - All work to follow DOC work guidelines for contractors.
 - All questions to be resolved by DCPD.
 - A detailed work schedule with area phasing and crew details is to be submitted for review prior to notice to proceed.
 - All field work is to be completed, scheduled, and managed by the electrical contractor.
 - Subcontracts to third parties shall be under the electrical contractor.
 - The contractor is to work with and coordinate all elevator recall work with the user and the elevator maintenance subcontractor as it relates to the fire alarm system programming and device tie-in.
- Miscellaneous Issues
 - The Electrical Contractor to lead review of existing trouble alarms and call buttons that are not working properly. The Electrical Contractor will discuss with the Owner the best way to proceed to fix these issues, if any, until the new system is fully functional.
 - The Project Team will complete an inspection to verify no other work is missing prior to requesting inspection by the AHJ.
 - The Electrical Contractor is responsible to deliver a complete and properly functioning fire alarm system.
 - The Owner/User is to address and conduct testing of the fire dampers including controls. The Electrical Contractor is responsible to verify fire alarm notification devices or relays, etc. are provided such that the fire damper control panels can function correctly upon initiation of a signal by the fire alarm system for each fan system.
- Retest and Recertify Devices in Div XI
 - Existing devices need to be retested and recertified.
 - Provide New Testing Report per NFPA 72.
- HVAC Fan Shutdown / Duct Detectors (Typical of 4 PODS & Core + Smoke Exhaust Fans)
 - Provide and tie in new relays and relay boxes.
 - Provide fan shutdown sequencing, programming, and communication with BAS.
 - Includes Johnson Control's Scope.

Detailed Scope of work Report Continues

Work Order Number: 063418.00

Work Order Title: Cook County DOC Division XI Fire Life Safety Upgrades

- Check that the contact closure from the new fire alarm panel initiates the smoke control sequences for each of the fans and that the sequence is operating properly.
 - Generate a discrepancy list that highlights the problem causing the malfunction (if any malfunctions exist).
 - Does not include the cost to replace any faulty equipment or complements (i.e: faulty VFD).
- Includes the fire alarm material provider scope for missing fan shutdown / duct detectors.
 - Relay Cabinets will be installed in each of 4 PODS A, B, C & D & Core as needed.
 - 150 SIGA-MCR Control Relay Modules – UIO Mount.
 - 26 SIGA-UIO6 Universal Input/output Module Motherboard – 6 Position.
 - 26 MFC-A Fire Control Accessory, Multi-Function Enclosure.
 - 6 3-SSDC1 Single Signature Driver Controller.
- All Conduit, wire, and landing of devices included by Broadway Electric.
- Fire Damper Controls, Relay Panel Tie-Ins, and Programming with BAS (Core)
 - Provide and tie in new relays and relay boxes.
 - Provide any code required fan shutdown sequencing, programming, and communication with BAS.
 - Test fire damper functions (no replacement of faulty parts or NFPA-13 testing included by Contractor)
- Replace Flow and Tamper Switches – Janitor Room 180
 - Provide new devices, wiring, programming and testing per NFPA-72.
- Elevator Recall Tie-In
 - The Owner is to contract the Elevator Maintenance Contractor directly for the elevator specific work.
 - DFM to coordinate connection tie-ins, recall programming, and testing.
 - All work from the FACP to the Elevator Controller is complete.
 - Verify that all fire alarm system work is complete – any missing work will be completed by the Electrical Contractor. The team will witness the final testing & operations of the recall system
 - Electrical Contractor to coordinate final elevator recall fire alarm testing with the Elevator Maintenance Contractor.
- Items not Included in DSOW or Base Contact
 - Changing of room name programming in the new FACP.
 - Elevator control panel programming.

Brief Scope of Work:

Provide Electrical Contracting to complete the new relay switches for the HVAC shutdown system and the sequence programming for the fan shutdown, plus testing all fire alarm devices, all to be compatible with the new EST-3 fire alarm system. Work includes the core and pod areas of the facility.

Specific Submittals Required:

Sketches and Drawings:

Material Submittals:

Scheduling Requirements:

Price Proposal Due Date: 03/07/2019

Estimated Construction Start: 07/19/19

Estimated Construction Completion: 01/28/20

Special Conditions: Liquidated Damages will not apply

Special Instructions:

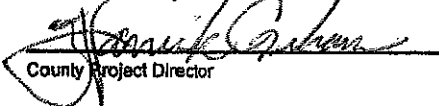
Detailed Scope of work Report Continues


Work Order Number: 063418.00

Work Order Title: Cook County DOC Division XI Fire Life Safety Upgrades

Comments:

Estimated Project Duration: 6 Months

 5/29/19
County Project Director Date:

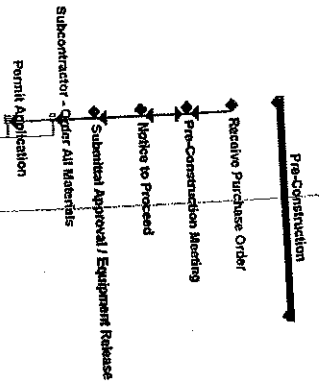
 05/24/19
Sharien Electric Company Date:

* To be signed by Contractor if Final Scope of Work

ID	Task Name	Duration	Early Start	Early Finish	8/23	8/29	7/7	7/14	7/21	7/28	8/4	8/11	8/18	8/25	8/31
1	653418.00 - Cook County DOC Division XI Fire Life Safety Upgrades	132 days	Fri 7/19/19	Tue 1/28/20											
2	Pre-Construction	21 days	Fri 7/19/19	Fri 8/16/19											
3	Receive Purchase Order	0 days	Fri 7/19/19	Fri 7/19/19											
4	Pre-Construction Meeting	0 days	Fri 7/19/19	Fri 7/19/19											
5	Notice to Proceed	0 days	Fri 7/19/19	Fri 7/19/19											
6	Substantial Approval / Equipment Release	0 days	Fri 7/19/19	Fri 7/19/19											
7	Subcontractor - Order All Materials	1 day	Fri 7/19/19	Fri 7/19/19											
8	Permit Application	1 day	Fri 7/19/19	Fri 7/19/19											
9	Permit Approval	15 days	Mon 7/22/19	Fri 8/9/19											
10	Materials Lead Time	20 days	Mon 7/22/19	Fri 8/16/19											
11	Construction (On-Site)	105 days	Mon 8/19/19	Mon 1/28/20											
12	Rated Fire Alarm Devices	10 days	Mon 8/19/19	Fri 8/30/19											
13	BAS controls installation, programming and wiring and fire alarm input to BAS controller wiring coordination	60 days	Mon 8/19/19	Mon 1/11/20											
14	Install new fire alarm devices, wiring, and programming	10 days	Tue 9/24/19	Mon 9/16/19											
15	Testing new BAS control functions	15 days	Tue 11/12/19	Wed 12/4/19											
16	Testing new fire alarm devices and functions	5 days	Tue 9/17/19	Mon 9/23/19											
17	Commissioning BAS controls	30 days	Thu 12/5/19	Mon 1/20/20											
18	Commissioning fire alarm	15 days	Tue 9/24/19	Mon 10/14/19											
19	Substantial Completion	0 days	Mon 1/20/20	Mon 1/20/20											
20	Punch List / Cleanup / Demobilize	5 days	Tue 1/15/20	Mon 1/27/20											
21	Punch List	4 days	Tue 1/21/20	Fri 1/24/20											
22	Final Cleanup / Demobilize	1 day	Mon 1/27/20	Mon 1/27/20											
23	Cleanup	5 days	Tue 1/21/20	Mon 1/27/20											
24	Closeout Documents	5 days	Tue 1/21/20	Mon 1/27/20											
25	Final Completion	1 day	Tue 1/28/20	Tue 1/28/20											

Critical	Task Progress	Summary Progress
Critical Split	Baseline	Summary
Critical Progress	Baseline Split	Project Summary
Task	Baseline Milestone	External Tasks
Split	Milestone	External Milestone

Project: Division XI Fire Safety
Date: Tue 8/19



Job Order Contract

APPROVED - Price Proposal Summary - CSI

Date: May 20, 2019
Contract Number: 1555-14475-EC8
Job Order Number: 063418.00
Job Order Title: Cook County DOC Division XI Fire Life Safety Upgrades
Contractor: Sharlen Electric Company
Proposal Value: \$356,216.28
Proposal Name: Cook County DOC Division XI Fire & Life Safety Upgrade

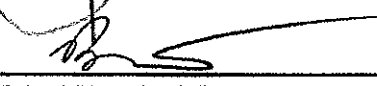
01 - General Requirements:	\$286,343.85
05 - Metals:	\$602.63
23 - Heating, Ventilating, And Air-Conditioning (HVAC):	\$18,226.31
26 - Electrical:	\$4,910.40
28 - Electronic Safety And Security:	\$46,134.08
Proposal Total	\$356,216.28

This proposal total represents the correct total for the proposal. Any discrepancy between line totals, sub-totals and the proposal total is due to rounding of the line totals and sub-totals.

The Percent of NPP on this Proposal: 4.29%


County Project Director

5/29/19
Date


Brian Mills, Brian Mills

05/24/19
Date

Job Order Contract

APPROVED - Price Proposal Detail - CSI

Date: May 20, 2019
Contract Number: 1555-14475-EC8
Job Order Number: 063418.00
Job Order Title: Cook County DOC Division XI Fire Life Safety Upgrades
Contractor: Sharlen Electric Company
Proposal Value: \$356,216.28
Proposal Name: Cook County DOC Division XI Fire & Life Safety Upgrade
Adjustment Factor(s) Used: 0.9000-Normal Working Hours, 1.0000-No Adjustment

Rec#	CSI Number	Mod.	UOM	Description	Line Total
01 - General Requirements					
1	01 22 20 00 0010		HR	ElectricianFor tasks not included in the Construction Task Catalog® and as directed by owner only.	\$9,102.95
				Quantity Unit Price Factor Total	
				Installation 121.00 x \$83.59 x 0.9000 =	\$9,102.95
User Note: CONSULTING/ENGINEERING 5.5 HOURS PER WEEK X 22 WEEKS = 121 HOURS.					
Category1: No Category Input					
2	01 22 20 00 0010		HR	ElectricianFor tasks not included in the Construction Task Catalog® and as directed by owner only.	\$12,036.96
				Quantity Unit Price Factor Total	
				Installation 160.00 x \$83.59 x 0.9000 =	\$12,036.96
User Note: WIRING RELAYS TO JOHNSON CONTROLS INTERFACE. 160 HOURS (4 PERSONS 40 HOURS EACH).					
Category1: No Category Input					
3	01 22 20 00 0010		HR	ElectricianFor tasks not included in the Construction Task Catalog® and as directed by owner only.	\$50,555.23
				Quantity Unit Price Factor Total	
				Installation 672.00 x \$83.59 x 0.9000 =	\$50,555.23
User Note: TESTING FAN SHUTDOWN OPERATION - 224 HOURS (FOUR PERSONS 56 HOURS EACH), RETESTING ALL EXISTING FIRE ALARM DEVICES - 320 HOURS (FOUR PERSONS 80 HOURS EACH), TESTING ALL NEW FIRE ALARM DEVICES AND INTERFACES - 128 HOURS (FOUR PERSONS 32 HOURS EACH). 224 + 320 + 128 = 672					
Category1: No Category Input					
4	01 22 20 00 0029		HR	Sheet Metal WorkerFor tasks not included in the Construction Task Catalog® and as directed by owner only.	\$71,240.88
				Quantity Unit Price Factor Total	
				Installation 927.00 x \$85.39 x 0.9000 =	\$71,240.88
User Note: FAN SHUTDOWN CONTROLS PROGRAMMING AND DRAWINGS, DAMPER CONTROLS PROGRAMMING AND DRAWINGS, SMOKE CONTROL SEQUENCE PROGRAMMING, DAMPER SEQUENCING, PNEUMATIC CONTROLS INSTALLATION (FOR NPP ITEMS) AND COORDINATE INPUT WIRING TO BAS CONTROL FROM FIRE ALARM SYSTEM. 16 HOURS PER FAN, 32 FANS; 2.5 HOURS PER DAMPER, 150 DAMPERS; 40 HOURS FOR PNEUMATIC CONTROLS. 16 * 32 = 512, 150 * 2.5 = 375, 40; 512 + 375 + 40 = 927					
Category1: No Category Input					
5	01 91 13 00 0004		HR	Commissioning - HVAC/Mechanical Systems	\$76,563.04
				Quantity Unit Price Factor Total	
				Installation 446.00 x \$180.74 x 0.9000 =	\$76,563.04
User Note: JOHNSON CONTROLS TECHNICIAN TESTING AND COMMISSIONING FAN SHUTDOWN OPERATIONS. 8 HOURS PER FAN, 32 FANS; 1 HOUR PER DAMPER, 150 DAMPERS; CELL/TOILET EXHAUST FANS ESTIMATED 5 DAYS (40 HOURS). 32 X 8 = 256, 150 * 1 = 150, 40. 256 + 150 + 40 = 446					
Category1: No Category Input					

Price Proposal Detail - CSI Continues..

Job Order Number: 063418.00

Job Order Title: Cook County DOC Division XI Fire Life Safety Upgrades

Rec#	CSI Number	Mod.	UOM	Description	Line Total		
01 - General Requirements							
6	01 91 13 00 0004		HR	Commissioning - HVAC/Mechanical Systems	\$25,921.57		
			Quantity	Unit Price	Factor	Total	
			Installation	151.00 x	\$190.74 x	0.9000 =	\$25,921.57
User Note: MANAGE FAN SHUTDOWN COMMISSIONING ACTIVITIES THROUGHOUT PROJECT & DURING FINAL COMMISSIONING. 2 HOURS PER FAN, 32 FANS; 1/2 HOUR PER DAMPER, 150 DAMPERS; CELL TOILET EXHAUST 12 HOURS. 32 X 2 = 64, 150 X .5 = 75, 12. 64 + 75 + 12 = 151							
Category1: No Category Input							
7	01 91 13 00 0005		HR	Commissioning - Electrical/Fire Alarms/Security Systems	\$8,425.37		
			Quantity	Unit Price	Factor	Total	
			Installation	56.00 x	\$167.17 x	0.9000 =	\$8,425.37
User Note: MANAGE FIRE ALARM COMMISSIONING ACTIVITIES THROUGHOUT PROJECT & DURING FINAL COMMISSIONING. RETEST AND RECOMMISSION - 20 HOURS, TEST AND COMMISSION NEW DEVICES AND INTERFACES - 36. 20 + 36 = 56							
Category1: No Category Input							
8	01 91 13 00 0005		HR	Commissioning - Electrical/Fire Alarms/Security Systems	\$32,497.85		
			Quantity	Unit Price	Factor	Total	
			Installation	216.00 x	\$167.17 x	0.9000 =	\$32,497.85
User Note: ESSCOE TECHNICIAN TIME RETESTING ALL FIRE ALARM DEVICES - 80 HOURS; PROGRAMMING, TESTING, DRAWINGS, AND COMMISSIONING OF NEW DEVICES AND INTERFACES - 136 HOURS. 80 + 136 = 216							
Category1: No Category Input							
Subtotal for 01 - General Requirements:					\$286,343.85		
05 - Metals							
9	05 05 19 00 0144		EA	1/4" Bolt Diameter, Zinc Plated Steel, Multi-Set Drop-In Anchor	\$415.69		
			Quantity	Unit Price	Factor	Total	
			Installation	36.00 x	\$12.83 x	0.9000 =	\$415.69
User Note: ONE REQUIRED PER 1-1/2" CONDUIT CLIP (MINERALLAC 3B) 36 X 1 = 36							
Category1: No Category Input							
10	05 05 19 00 0144	0167	EA	For >10 To 50, Deduct	-\$20.09		
			Quantity	Unit Price	Factor	Total	
			Installation	36.00 x	\$-0.62 x	0.9000 =	\$-20.09
Category1: No Category Input							
11	05 05 23 00 1209		LF	1/4" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	\$175.93		
			Quantity	Unit Price	Factor	Total	
			Installation	108.00 x	\$1.81 x	0.9000 =	\$175.93
User Note: 3 FEET REQUIRED PER 1-1/2" CONDUIT CLIP (MINERALLAC 3B) 36 X 3 = 108							
Category1: No Category Input							
12	05 05 23 00 1286		EA	1/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	\$31.10		
			Quantity	Unit Price	Factor	Total	
			Installation	72.00 x	\$0.48 x	0.9000 =	\$31.10
User Note: TWO NUTS REQUIRED PER 1-1/2" CONDUIT CLIP (MINERALLAC 3B) 36 X 2 = 72							
Category1: No Category Input							
Subtotal for 05 - Metals:					\$602.63		
23 - Heating, Ventilating, And Air-Conditioning (HVAC)							

Price Proposal Detail - CSI Continues..

Job Order Number: 063418.00

Job Order Title: Cook County DOC Division XI Fire Life Safety Upgrades

Rec#	CSI Number	Mod.	UOM	Description	Line Total					
23 - Heating, Ventilating, And Air-Conditioning (HVAC)										
13	23 00 00 00 0062		LOT	JOHNSON CONTROLS MATERIALS NOT INCLUDED IN CATALOG DX ADAPTERS, IP FAC CONTROLLERS, 3-WAY SOLENOID VALVES	\$15,267.51					
				Quantity	Unit Price	Factor	Total			
Installation				1.00	x	\$15,267.51	x	1.0000	=	\$15,267.51
User Note:				PROPRIETARY MATERIALS NOT INCLUDED IN THE TASK CATALOG, MATERIAL ONLY, SEE "01 22 20 00 0029" FOR LABOR TO INSTALL THESE ITEMS						
Category1: No Category Input										
14	23 09 13 56 0030		LF	1/2" Outside Diameter Copper Pneumatic Tubing	\$486.00					
				Quantity	Unit Price	Factor	Total			
Installation				100.00	x	\$5.40	x	0.9000	=	\$486.00
User Note:				100 FOOT LENGTH REQUIRED FOR FAN SHUTDOWN OPERATION.						
Category1: No Category Input										
15	23 09 23 00 0722		EA	Solid Core Adjustable Setpoint Digital Output Current Sensor (Veris H-708)	\$2,471.80					
				Quantity	Unit Price	Factor	Total			
Installation				12.00	x	\$228.87	x	0.9000	=	\$2,471.80
User Note:				ONE REQUIRED AT EACH OF 12 LOCATIONS TO INTERFACE FAN SHUTDOWN TO FIRE ALARM. 12 X 1 = 12						
Category1: No Category Input										
Subtotal for 23 - Heating, Ventilating, And Air-Conditioning (HVAC):					\$18,225.31					
26 - Electrical										
16	26 05 19 18 0262		MLF	#14 AWG Cable - Type THHN-THWN, 600 Volt Copper, Single Solid, Placed In Conduit	\$21.92					
				Quantity	Unit Price	Factor	Total			
Installation				0.05	x	\$451.10	x	0.9000	=	\$21.92
User Note:				GROUND WIRE TO RELAYS AND MODULES. 54 FEET REQUIRED. 54 LF = .054 MLF						
Category1: No Category Input										
17	26 05 29 00 0132		EA	3/4" Bolt And Nut Conduit Clip (Minerallac 1B)	\$45.79					
				Quantity	Unit Price	Factor	Total			
Installation				12.00	x	\$4.24	x	0.9000	=	\$45.79
User Note:				SIX REQUIRED PER 30 FEET OF 3/4" CONDUIT, TWO RUNS. 6 X 2 = 12						
Category1: No Category Input										
18	26 05 29 00 0135		EA	1-1/2" Bolt And Nut Conduit Clip (Minerallac 3B)	\$149.94					
				Quantity	Unit Price	Factor	Total			
Installation				35.00	x	\$4.76	x	0.9000	=	\$149.94
User Note:				FIVE REQUIRED PER SEVENTY FEET OF 1-1/2" CONDUIT. 70 X 5 = 35						
Category1: No Category Input										
19	26 05 29 00 0279		EA	#10-14 Screw Size, 5/16" Hole Diameter, Lead Screw Anchor With Screw	\$40.18					
				Quantity	Unit Price	Factor	Total			
Installation				12.00	x	\$3.72	x	0.9000	=	\$40.18
User Note:				ONE REQUIRED PER 3/4" CONDUIT CLIP (MINERALLAC 1B) 12 X 1 = 12						
Category1: No Category Input										

Price Proposal Detail - CSI Continues..

Job Order Number: 063418.00

Job Order Title: Cook County DOC Division XI Fire Life Safety Upgrades

Rec#	CSI Number	Mod.	UOM	Description	Line Total
26 - Electrical					
20	26 05 33 13 0160		EA	1-1/2" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing	\$230.67
			Quantity	Unit Price	Factor
			Installation 10.00 x	\$17.45 x	0.9000 =
			Demolition 10.00 x	\$8.18 x	0.9000 =
					\$157.05
					\$73.62
			User Note: TWO REQUIRED PER CONDUIT RUN, 5 RUNS. 5 X 2 = 10		
			DEMO OLD AFTER INSTALLATION OF NEW.		
Category1: No Category Input					
21	26 05 33 13 0621		LF	3/4" Electrical Metallic Tubing (EMT) Conduit	\$241.92
			Quantity	Unit Price	Factor
			Installation 60.00 x	\$4.48 x	0.9000 =
					\$241.92
			User Note: 30 FEET FROM CLOSEST DEVICE TO EACH OF TWO MODULE LOCATIONS. 30 X 2 = 60		
Category1: No Category Input					
22	26 05 33 13 0624		LF	1-1/2" Electrical Metallic Tubing (EMT) Conduit	\$2,986.20
			Quantity	Unit Price	Factor
			Installation 350.00 x	\$7.32 x	0.9000 =
			Demolition 350.00 x	\$2.16 x	0.9000 =
					\$2,305.80
					\$680.40
			User Note: 70 FEET AT EACH OF 5 LOCATIONS TO RELOCATE WIRING FROM OLD FIRE LARM EQUIPMENT TO NEW		
			FIRE ALARM EQUIPMENT. 70 X 5 = 350		
			DEMO OLD AFTER INSTALLATION OF NEW.		
Category1: No Category Input					
23	26 05 33 13 0624	0022	LF	For >250 To 500, Deduct	-\$31.50
			Quantity	Unit Price	Factor
			Installation 350.00 x	\$-0.10 x	0.9000 =
					-\$31.50
Category1: No Category Input					
24	26 05 33 13 0635		EA	1-1/2" Electrical Metallic Tubing (EMT) 90 Degree Elbow	\$42.16
			Quantity	Unit Price	Factor
			Installation 2.00 x	\$17.88 x	0.9000 =
			Demolition 2.00 x	\$5.54 x	0.9000 =
					\$32.18
					\$9.97
			User Note: TWO REQUIRED.		
			DEMO OLD AFTER INSTALLATION OF NEW.		
Category1: No Category Input					
25	26 05 33 13 0654		EA	3/4" Electrical Metallic Tubing (EMT) Compression Coupling	\$31.75
			Quantity	Unit Price	Factor
			Installation 6.00 x	\$5.88 x	0.9000 =
					\$31.75
			User Note: ONE REQUIRED PER 10 FEET OF CONDUIT. 60 / 10 = 6		
Category1: No Category Input					
26	26 05 33 13 0657		EA	1-1/2" Electrical Metallic Tubing (EMT) Compression Coupling	\$573.43
			Quantity	Unit Price	Factor
			Installation 37.00 x	\$12.91 x	0.9000 =
			Demolition 37.00 x	\$4.31 x	0.9000 =
					\$429.90
					\$143.52
			User Note: ONE REQUIRED PER 10 FEET OF CONDUIT, PLUS ONE EXTRA PER ELBOW. 350 / 10 = 35 + 2 = 37		
			DEMO OLD AFTER INSTALLATION OF NEW.		
Category1: No Category Input					

Job Order Number: 063418.00

Job Order Title: Cook County DOC Division XI Fire Life Safety Upgrades

Rec#	CSI Number	Mod.	UOM	Description	Line Total
26 - Electrical					
27	26 05 33 13 0887		EA	3/4" Electrical Metallic Tubing (EMT) Box Compression Connector	\$26.17
Quantity Unit Price Factor Total					
Installation 4.00 x \$7.27 x 0.9000 = \$26.17					
User Note: TWO REQUIRED PER CONDUIT RUN, 2 RUNS. 2 X 2 = 4					
Category1: No Category Input					
28	26 05 33 13 0890		EA	1-1/2" Electrical Metallic Tubing (EMT) Box Compression Connector	\$220.68
Quantity Unit Price Factor Total					
Installation 10.00 x \$20.21 x 0.9000 = \$181.89					
Demolition 10.00 x \$4.31 x 0.9000 = \$38.79					
User Note: TWO REQUIRED PER CONDUIT RUN, 5 RUNS. 2 X 5 = 10					
DEMO OLD AFTER INSTALLATION OF NEW.					
Category1: No Category Input					
29	26 05 33 13 2405		LF	1/2" Flexible Metallic Conduit	\$33.70
Quantity Unit Price Factor Total					
Installation 12.00 x \$3.12 x 0.9000 = \$33.70					
User Note: 1.75 FEET REQUIRED AT EACH RELAY AND MONITOR POINT FOR CONNECTION TO MONITORED AND CONTROLLED EQUIPMENT. 5 RELAYS FOR DAMPERS AND 2 MONITOR POINTS FOR SPRINKLER. 5 + 2 = 7 X 1.75 = 12					
Category1: No Category Input					
30	26 05 33 13 2405	0046	LF	For Flexible Aluminum Conduit, Add	\$1.08
Quantity Unit Price Factor Total					
Installation 12.00 x \$0.10 x 0.9000 = \$1.08					
Category1: No Category Input					
31	26 05 33 13 2417		EA	1/2" Flexible Straight Connectors, Plain	\$80.39
Quantity Unit Price Factor Total					
Installation 14.00 x \$6.38 x 0.9000 = \$80.39					
User Note: TWO REQUIRED PER LENGTH OF FLEXIBLE CONDUIT. 5 RELAYS FOR DAMPERS AND 2 MONITOR POINTS FOR SPRINKLER. 5 + 2 = 7 X 2 = 14					
Category1: No Category Input					
32	26 05 33 16 0003		EA	1-1/2" Depth, 4" Square Steel Box	\$122.31
Quantity Unit Price Factor Total					
Installation 5.00 x \$27.18 x 0.9000 = \$122.31					
User Note: ONE REQUIRED PER DAMPER LOCATION FOR FIRE ALARM MODULES, 5 DAMPERS. 5 X 1 = 5					
Category1: No Category Input					
33	26 05 33 16 0034		EA	Flat, 4" Square Steel Exposed Work Cover	\$40.64
Quantity Unit Price Factor Total					
Installation 5.00 x \$9.03 x 0.9000 = \$40.63					
User Note: ONE REQUIRED PER DAMPER LOCATION FOR FIRE ALARM MODULES, 5 DAMPERS. 5 X 1 = 5					
Category1: No Category Input					
34	26 05 33 16 0112		EA	1-7/8" Deep, 4" x 2" Steel Handy Box	\$41.20
Quantity Unit Price Factor Total					
Installation 2.00 x \$22.89 x 0.9000 = \$41.20					
User Note: ONE REQUIRED PER SPRINKLER MONITORING POINT FOR FIRE ALARM MODULES, 2 LOCATIONS (1 WATERFLOW, 1 TAMPER SWITCH). 2 X 1 = 2					
Category1: No Category Input					

Job Order Number: 063418.00
 Job Order Title: Cook County DOC Division XI Fire Life Safety Upgrades

Rec#	CSI Number	Mod.	UOM	Description	Line Total																					
26 - Electrical																										
35	26 05 33 16 0121	EA		Flat, 2" x 4" Steel Handy Box Exposed Work Cover	\$8.53																					
<table><tr><td></td><td>Quantity</td><td></td><td>Unit Price</td><td></td><td>Factor</td><td>Total</td></tr><tr><td>Installation</td><td>2.00</td><td>x</td><td>\$4.74</td><td>x</td><td>0.9000 =</td><td>\$8.53</td></tr></table>							Quantity		Unit Price		Factor	Total	Installation	2.00	x	\$4.74	x	0.9000 =	\$8.53							
	Quantity		Unit Price		Factor	Total																				
Installation	2.00	x	\$4.74	x	0.9000 =	\$8.53																				
User Note: ONE REQUIRED PER SPRINKLER MONITORING POINT FOR FIRE ALARM MODULES, 2 LOCATIONS (1 WATERFLOW, 1 TAMPER SWITCH). 2 X 1 = 2																										
Category1: No Category Input																										
36	26 05 53 00 0019	EA		Labeling Wire	\$3.24																					
<table><tr><td></td><td>Quantity</td><td></td><td>Unit Price</td><td></td><td>Factor</td><td>Total</td></tr><tr><td>Installation</td><td>2.00</td><td>x</td><td>\$1.80</td><td>x</td><td>0.9000 =</td><td>\$3.24</td></tr></table>							Quantity		Unit Price		Factor	Total	Installation	2.00	x	\$1.80	x	0.9000 =	\$3.24							
	Quantity		Unit Price		Factor	Total																				
Installation	2.00	x	\$1.80	x	0.9000 =	\$3.24																				
User Note: LABEL WIRING PER BUILDING STANDARD AT 2 CABLE RUNS. 1 * 2 = 2.																										
Category1: No Category Input																										
Subtotal for 26 - Electrical:					\$4,910.40																					
28 - Electronic Safety And Security																										
37	28 05 13 23 0004	MLF		1-Pair, 18 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	\$76.12																					
<table><tr><td></td><td>Quantity</td><td></td><td>Unit Price</td><td></td><td>Factor</td><td>Total</td></tr><tr><td>Installation</td><td>0.05</td><td>x</td><td>\$1,566.35</td><td>x</td><td>0.9000 =</td><td>\$76.12</td></tr></table>							Quantity		Unit Price		Factor	Total	Installation	0.05	x	\$1,566.35	x	0.9000 =	\$76.12							
	Quantity		Unit Price		Factor	Total																				
Installation	0.05	x	\$1,566.35	x	0.9000 =	\$76.12																				
User Note: FIRE ALARM ADDRESSABLE CABLE TO RELAYS AND MODULES. 54 FEET REQUIRED. 54 LF = .054 MLF																										
Category1: No Category Input																										
38	28 05 13 23 0004	MLF		1-Pair, 18 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	\$17,343.17																					
	Excludes Material																									
<table><tr><td></td><td>Quantity</td><td></td><td>Unit Price</td><td></td><td>Factor</td><td>Total</td></tr><tr><td>Installation</td><td>12.60</td><td>x</td><td>\$955.88</td><td>x</td><td>0.9000 =</td><td>\$10,839.45</td></tr><tr><td>Demolition</td><td>12.60</td><td>x</td><td>\$573.52</td><td>x</td><td>0.9000 =</td><td>\$6,503.72</td></tr></table>							Quantity		Unit Price		Factor	Total	Installation	12.60	x	\$955.88	x	0.9000 =	\$10,839.45	Demolition	12.60	x	\$573.52	x	0.9000 =	\$6,503.72
	Quantity		Unit Price		Factor	Total																				
Installation	12.60	x	\$955.88	x	0.9000 =	\$10,839.45																				
Demolition	12.60	x	\$573.52	x	0.9000 =	\$6,503.72																				
User Note: CABLES TO BE RELOCATED FROM OLD FIRE ALARM EQUIPMENT TO NEW FIRE ALARM EQUIPMENT FOR FAN SHUTDOWN INTERFACE. 36 CIRCUITS @ 70' EACH TO BE PULLED OUT AND REPULLED THROUGH NEW CONDUIT AT FIVE LOCATIONS. 36 X 70 = 2,520 X 5 = 12,600 LF - 12.6 MLF (LABOR AND EQUIPMENT ONLY; RE-USE EXISTING WIRING)																										
Category1: No Category Input																										
39	28 31 23 00 0091	EA		Class B Single Input Module (One Gang Standard Mount) (EST3 SIGA-CT1)	\$166.19																					
<table><tr><td></td><td>Quantity</td><td></td><td>Unit Price</td><td></td><td>Factor</td><td>Total</td></tr><tr><td>Installation</td><td>2.00</td><td>x</td><td>\$92.33</td><td>x</td><td>0.9000 =</td><td>\$166.19</td></tr></table>							Quantity		Unit Price		Factor	Total	Installation	2.00	x	\$92.33	x	0.9000 =	\$166.19							
	Quantity		Unit Price		Factor	Total																				
Installation	2.00	x	\$92.33	x	0.9000 =	\$166.19																				
User Note: ONE REQUIRED PER SPRINKLER MONITORING POINT. 2 SPRINKLER MONITORING POINTS IDENTIFIED AT WALKTHROUGH, ONE WATERFLOW, ONE TAMPER.																										
Category1: No Category Input																										
40	28 31 23 00 0092	EA		Class B Dual Input Module (One Gang Standard Mount) (EST3 SIGA-CT2)	\$574.34																					
<table><tr><td></td><td>Quantity</td><td></td><td>Unit Price</td><td></td><td>Factor</td><td>Total</td></tr><tr><td>Installation</td><td>5.00</td><td>x</td><td>\$127.63</td><td>x</td><td>0.9000 =</td><td>\$574.34</td></tr></table>							Quantity		Unit Price		Factor	Total	Installation	5.00	x	\$127.63	x	0.9000 =	\$574.34							
	Quantity		Unit Price		Factor	Total																				
Installation	5.00	x	\$127.63	x	0.9000 =	\$574.34																				
User Note: DAMPER POSITION MONITORING (OPEN OR CLOSED). 5 DAMPERS.																										
Category1: No Category Input																										
41	28 31 23 00 0096	EA		Control Relay Module (One Gang Standard Mount) (EST3 SIGA-CR)Select for either N.O. or N.C. operation. Rated at 2 amps (24Vdc).	\$500.40																					
<table><tr><td></td><td>Quantity</td><td></td><td>Unit Price</td><td></td><td>Factor</td><td>Total</td></tr><tr><td>Installation</td><td>5.00</td><td>x</td><td>\$111.20</td><td>x</td><td>0.9000 =</td><td>\$500.40</td></tr></table>							Quantity		Unit Price		Factor	Total	Installation	5.00	x	\$111.20	x	0.9000 =	\$500.40							
	Quantity		Unit Price		Factor	Total																				
Installation	5.00	x	\$111.20	x	0.9000 =	\$500.40																				
User Note: CONTROL DAMPER OPERATION (24V OUTPUT)																										
Category1: No Category Input																										

Price Proposal Detail - CSI Continues..

Job Order Number: 063418.00

Job Order Title: Cook County DOC Division XI Fire Life Safety Upgrades

Rec#	CSI Number	Mod.	UOM	Description	Line Total
28 - Electronic Safety And Security					
42	28 31 23 00 0097	EA		Control Relay UIO (Plug In) Module (EST3 SIGA-MCR)	\$14,577.30
			Quantity	Unit Price	Factor
			Installation	150.00 x	\$107.98 x
					0.9000 =
					\$14,577.30
			User Note: ONE RELAY REQUIRED PER HVAC SHUTDOWN FUNCTION. 32 + 118 = 150		
Category1: No Category Input					
43	28 31 23 00 0106	EA		Universal Input/Output Module Motherboard - 6 Position, Use For M Series Modules (EST3 SIGA-UIO6)	\$2,833.51
			Quantity	Unit Price	Factor
			Installation	26.00 x	\$121.09 x
					0.9000 =
					\$2,833.51
			User Note: ONE REQUIRED PER 6 RELAYS PER AREA. ROUND UP (118/6) = 20. ROUNDUP (32/6) = 6. 20 + 6 = 26		
Category1: No Category Input					
44	28 31 23 00 0138	EA		Single Signature Loop Controller (EST3 3-SSDC1)	\$6,055.61
			Quantity	Unit Price	Factor
			Installation	6.00 x	\$1,121.41 x
					0.9000 =
					\$6,055.61
			User Note: ADDRESSABLE INTERFACE CARD AT FIRE ALARM NETWORK PANEL 1 REQUIRED PER PANEL, 6 PANELS = 6.		
Category1: No Category Input					
45	28 31 23 00 0142	EA		Multi Voltage Relay (EST3 MR101)	\$503.06
			Quantity	Unit Price	Factor
			Installation	5.00 x	\$111.79 x
					0.9000 =
					\$503.06
			User Note: DAMPER CONTROL RELAY INTERFACE (USE 24V INPUT TO SWITCH 110V OUTPUT) 5 DAMPERS		
Category1: No Category Input					
46	28 31 23 00 1227	EA		18 Point Lockable Fire Alarm Terminal Cabinet	\$3,504.38
			Quantity	Unit Price	Factor
			Installation	26.00 x	\$149.76 x
					0.9000 =
					\$3,504.38
			User Note: RELAYS ENCLOSURE EST PART # MFC-A. 1 REQUIRED PER SIGA-UIO6 = 26		
Category1: No Category Input					
Subtotal for 28 - Electronic Safety And Security:					\$46,134.08
Proposal Total					\$356,216.28

This proposal total represents the correct total for the proposal. Any discrepancy between line totals, sub-totals and the proposal total is due to rounding of the line totals and sub-totals.

The Percent of NPP on this Proposal: 4.29%

Johnson Controls



3007 Malmo Drive, Arlington Heights, IL 60005
Ph 847-806-4486 Fx 847-364-1536
SERVICE 866-854-4788

PROPOSAL

TO: Sharlen Electric
9101 S Baltimore Ave
Chicago, IL 60655
Attn: Jim Cullen

DATE: 2/27/19 – Revised 4/2/19 & 4/24/19

PROJECT: Division 11 Smoke Control
Sequences

Work Proposed

We are pleased to quote material for the interface of the new fire alarm system to the JCI Metasys Smoke Control Panels. Scope has been developed to support the County Scope Summary – Final document for Project 19.10.001.

The following is a summary of the materials to be provided:

1. **DX Adapters as specified on Detail Scope of Work.**
2. **IP Fact Controllers**
3. **Three (3) way solenoid valves**

Exclusions / Clarifications:

Any new hardware, It is assumed that all equipment necessary to perform the specified sequence is operational

- a. Equipment deficiencies will be identified and proposed as field changes as noted above.
- b. Code verification to be determined by others.
- c. Excludes testing, verification and repair of ALL low voltage wiring into the 3rd floor field solenoid panels. Main air, solenoids and branch air lines will be tested from these field panels.
- d. Excludes all EST system testing, tamper/flow, and elevator recall scope. Coordinated testing from EST as it relates to fire sequence initiation, device testing and damper actuation is included.
- e. Excludes MBE/WBE participation.
- f. There could be hardware or equipment issues that do not allow the specified sequences to perform as specified. We can't know at this time whether or not all equipment required to initiate the specified sequence is working properly. For example a VFD or starter might be bad, required equipment might be missing, etc. In these cases, we would generate a discrepancy list that highlights the problem causing the malfunction.

The cost to perform this work is: Fifteen Thousand Two Hundred and Sixty Seven Dollars 51/100 - \$15,267.51

This proposal is hereby accepted and Johnson Controls is authorized to proceed with the work; subject, however, to credit approval by Johnson Controls International, plc Milwaukee, Wisconsin.

This proposal is valid until

June 23, 2019

Sharlen Electric

JOHNSON CONTROLS INTERNATIONAL



/es

Signature

Signature

TERMS AND CONDITIONS

By accepting this proposal, Purchaser agrees to be bound by the following terms and conditions:

1. **SCOPE OF WORK.** This proposal is based upon the use of straight time labor only. Plastering, patching and painting are excluded. "In-line" duct and piping devices, including, but not limited to, valves, dampers, humidifiers, wells, taps, flow meters, orifices, etc., if required hereunder to be furnished by Johnson Controls, Inc. (hereinafter referred to as JCI), shall be distributed and installed by others under JCI's supervision but at no additional cost to JCI. Purchaser agrees to provide JCI with required field utilities (electricity, toilets, drinking water, project toilet, elevator service, etc.) without charge. JCI agrees to keep the job site clean of debris arising out of its own operations. Purchaser shall not back charge JCI for any costs or expenses without JCI's written consent unless specifically noted in the statement of the scope of work or services undertaken by JCI under this agreement. JCI's obligations under this agreement expressly exclude any work or service of any nature associated or connected with the identification, abatement, clean up, control, removal, or disposal of environmental Hazards or dangerous substances, to include but not be limited to asbestos or PCBs, discovered in or on the premises. Any language or provision of this agreement elsewhere contained which may authorize or empower the Purchaser to change, modify, or alter the scope of work or services to be performed by JCI shall not operate to compel JCI to perform any work relating to Hazards without JCI's express written consent.
2. **INVOICING & PAYMENTS.** Fifty percent (50%) of the above price will be invoiced upon the execution of this Proposal. JCI will invoice Purchaser monthly for all materials delivered to the job or off-site storage and work performed. Terms of payment are 30 days from the date of the invoice. If Purchaser fails to make payment within such time period, all amounts due pursuant to this Proposal shall immediately become due and payable and Purchaser will be in default. Lien Waivers will be furnished upon request as the work progresses to the extent payments are received.
3. **MATERIALS.** If the materials or equipment included in this proposal become temporarily or permanently unavailable for reasons beyond the control and without the fault of JCI, then in the case of such temporary unavailability, the time for performance of the work shall be extended to the extent thereof, and in the case of permanent unavailability, JCI shall (a) be excused from furnishing said materials or equipment, and (b) be reimbursed for the difference between the cost of the materials or equipment permanently unavailable and the cost of a reasonably available substitute therefore.
4. **WARRANTY.** JCI warrants that the equipment manufactured by it shall be free from defects in material and workmanship arising from normal usage for a period of one (1) year from delivery of said equipment, or if installed by JCI, for a period of one (1) year from installation. JCI warrants that for equipment furnished and/or installed but not manufactured by JCI, JCI will extend the same warranty terms and conditions which JCI receives from the manufacturer of said equipment. For equipment installed by JCI, if Purchaser provides written notice to JCI of any such defect within thirty (30) days after the appearance or discovery of such defect, JCI shall, at its option, repair or replace the defective equipment. For equipment not installed by JCI, if Purchaser returns the defective equipment to JCI within thirty (30) days after appearance or discovery of such defect, JCI shall, at its option, repair or replace the defective equipment and return said equipment to Purchaser. All transportation charges incurred in connection with the warranty for equipment not installed by JCI shall be borne by Purchaser. These warranties do not extend to any equipment which has been repaired by others, abused, altered or misused, or which has not been properly and reasonably maintained. THESE WARRANTIES ARE IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THOSE OF MERCHANTABILITY AND FITNESS FOR A SPECIFIC PURPOSE.
5. **LIABILITY.** JCI shall not be liable for any special, indirect or consequential damages arising in any manner from the equipment or material furnished or the work performed pursuant to this agreement.
6. **TAXES.** The price of this proposal does not include duties, sales, use, excise, or other similar taxes, unless required by federal, state or local law. In addition to the stated price, purchaser shall pay all taxes not legally required to be paid by JCI or, alternatively, shall provide JCI with acceptable tax exemption certificates. JCI shall provide Purchaser with any tax payment certificate upon request and after completion and acceptance of the work.
7. **DELAYS.** JCI shall not be liable for any delay in the performance of the work resulting from or attributed to acts or circumstances beyond JCI's control, including, but not limited to, acts of God, fire, riots, labor disputes, conditions of the premises, acts or omissions of the Purchaser, Owner or other Contractors or delays caused by suppliers or subcontractors of JCI, etc.
8. **COMPLIANCE WITH LAWS.** JCI shall comply with all applicable federal, state and local laws and regulations and shall obtain all temporary licenses and permits required for the prosecution of the work. Licenses and permits of a permanent nature shall be procured and paid for by the Purchaser.
9. **DISPUTES.** All disputes involving more than \$10,000 shall be resolved by arbitration in accordance with the rules of the American Arbitration Association. The prevailing party shall recover all legal costs and attorney's fees incurred as a result. Nothing here shall limit any rights under construction lien laws.
10. **INSURANCE.** Insurance coverage in excess of JCI's standard limits will be furnished when requested and required. No credit will be given or premium paid by JCI for insurance afforded by others.
11. **INDEMNITY.** The Parties hereto agree to indemnify each other from any and all liabilities, claims, expenses, losses or damages, including attorneys' fees, which may arise in connection with the execution of the work herein specified and which are caused, in whole or in part, by the negligent act or omission of the indemnifying Party.
12. **OCCUPATIONAL SAFETY AND HEALTH.** The Parties hereto agree to notify each other immediately upon becoming aware of an inspection under, or any alleged violation of, the Occupational Safety and Health Act relating in any way to the project or project site.
13. **LEGAL FEES.** Purchaser agrees to pay and reimburse JCI for any and all reasonable legal fees which are incurred by JCI in the collection of amounts due and payable under this Agreement.
14. **ENTIRE AGREEMENT.** This proposal, upon acceptance, shall constitute the entire agreement between the parties and supersede any prior representations or understandings.
15. **CHANGES.** No change or modification of any of the terms and conditions stated herein shall be binding upon Johnson unless accepted by Johnson in writing.

Johnson Controls Inc.

Material List

Date:

Project Name:

1/0/1900

Contract #:

0

Reference:

Verify accuracy of new fire alarm panel terminations to the JCI control panels.

JOHNSON CONTROLS MATERIAL

DEVICE TAG	CODE NUMBER	DESCRIPTION	QTY	PRICE	TOTAL PRICE
CSR	H934	IP Fact Controllers	4	\$171.07	\$684.28
Controller	DX-FAC-ADAPTER	ASSY DX ADAPTER	6	\$2,127.59	\$12,945.54
Solenoid	V-2410-2	VALVE, SOL. AIR, 3-WAY	5	\$327.53	\$1,637.68
					\$ 15,267.51

VENDOR MATERIAL

DEVICE TAG	CODE NUMBER	DESCRIPTION	QTY	PRICE	TOTAL COST
Total Vendor Material					

CONSTRUCTION MATERIAL

DEVICE TAG	CODE NUMBER	DESCRIPTION	QTY	UNIT COST	TOTAL COST
Total Construction Material					

Job Order Contract
Non Pre-Priced Worksheet

Date: May 20, 2019
Contract Number: 1555-14475-EC8
Job Order Number: 063418.00
Job Order Title: Cook County DOC Division XI Fire Life Safety Upgrades
Contractor: Sharien Electric Company

CSI Number	UOM	DESCRIPTION
23 00 00 00 0062	LOT	JOHNSON CONTROLS MATERIALS NOT INCLUDED IN CATALOG. DX ADAPTERS, IP FAC CONTROLLERS, 3-WAY SOLENOID VALVES.
Factor:	1.0000	Unit Price: \$15,267.51
Quantity:	1.00	Line Item Total: \$15,267.51
Proposal Total:	\$356,216.28	% of Job Order Total: 4.29%

NON PRE-PRICED WORKSHEET

- A. _____ Direct Labor Rate without fringes (for Trades not in Construction Task Catalog)
- B. \$15,267.51 Direct Material Costs (supported by three supplier quotes)
- C. _____ Direct Equipment Costs (for Equipment not in Construction Task Catalog)
- D. _____ Subcontractor Costs (supported by three Subcontractor quotes)

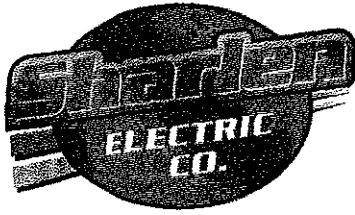
Total Cost of Non Pre-Priced Task = (A+B+C) x Non Pre-priced Adjustment Factor

Total Cost of Non Pre-Priced Task = (A+B+C+D) x Non Pre-Priced Adjustment Factor

Quotes

(Attach quotes from listed suppliers/subcontractors. A Justification Letter must be attached if 3 quotes are not furnished.)

- | | | |
|----|-------------------------------|---------------------|
| 1. | <u>Johnson Controls, Inc.</u> | \$ <u>15,267.51</u> |
| 2. | _____ | \$ _____ |
| 3. | _____ | \$ _____ |



Electrical Contracting
Communications Technology
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Underground Utilities

May 28, 2019

Re: 063418.00 Cook County DOC Division XI Fire Life Safety Upgrades

Three quotes for the NPP Items is not provided due to the proprietary nature of the items. Johnson Controls, Inc. is the only authorized provider of these items.

Sincerely,


Jason Schafer



Cook County
Office of Planning & Policy
69 W Washington
Chicago, IL 60602

Date: May 23, 2019

Sub-Order Total: \$356,216.28

Disclosure of Retained Parties

A. Definitions and Disclosure Requirements

1. As used herein, the term *Contractor or Contracting Party* means a person that enters into a Contract with the County of Cook.
2. Every contract and lease must be accompanied by a disclosure statement providing certain information and attorneys, lobbyists, accountants, consultants, subcontractors, and other persons.
3. The Contractor is not required to disclose employees who are paid solely through the Contractor's regular payroll.
4. "Lobbyist" means any person (a) who lobbies, (b) for compensation, (c) attempt to influence a County official or County employee with respect to any County matter.

B. Certification

Contractor hereby certifies as follows:

1. This Disclosure relates to the following transaction:
2. Project name: 063418.00 Cook County DOC Division XI Fire & Life Safety Upgrade
3. Name of Contractor: Cook County - Sharten Electric Company

EACH AND EVERY attorney, lobbyist, accountant, consultant, subcontractor, or other person retained or anticipated to be retained by the Contractor with respect to or in connection with the contract or lease is listed below (attach additional pages if necessary):

Name	BUSINESS ADDRESS	MBE WBE or Non	Relationship (attorney, lobbyist, subcontractor, etc.)	FEE (Indicate whether paid or estimated)
Broadway Electric, Inc.	831 Oakton Street Elk Grove Village, IL, 60007	Non	Subcontractor	\$308,681.00 Est.

CHECK HERE IF NO SUCH PERSONS HAVE BEEN RETAINED OR ARE ANTICIPATED TO BE RETAINED _____

4. The Contractor Understands and agrees that the County may rely on the information provided herein and that providing any false incomplete or inaccurate information shall constitute default under the contract and may result in termination of the contract or lease.
5. The Contractor understands and agrees that in any case in which the Contractor is uncertain whether a disclosure is required under the Executive order, the Contractor must either ask the city whether disclosure is required or make the disclosure.

Under the Penalties of perjury, I certify that I am authorized to execute this Disclosure on behalf of the Contractor that the information disclosed herein is true and complete, and that no relevant information has been withheld.

Signature

05/24/19

Date

William J. Cullen III

Vice-President

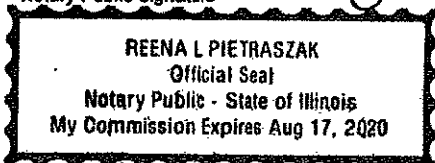
Name (Type or Print)

Title

Subscribed and sworn to before me

this 24th day of May 20 19

Notary Public Signature



Cook County
Office of the Chief Procurement Officer
Identification of Subcontractor/Supplier/Subconsultant Form

OCPO ONLY:	
<input type="checkbox"/>	Disqualification
<input checked="" type="checkbox"/>	Check Complete

The Bidder/Proposer/Respondent ("the Contractor") will fully complete and execute and submit an Identification of Subcontractor/Supplier/Subconsultant Form ("ISF") with each Bid, Request for Proposal, and Request for Qualification. The Contractor must complete the ISF for each Subcontractor, Supplier or Subconsultant which shall be used on the Contract. In the event that there are any changes in the utilization of Subcontractors, Suppliers or Subconsultants, the Contractor must file an updated ISF.

Contract #1555-14475-EC8 Job Order: 063418.00		Date: May 24, 2019	
Total Bid or Proposal Amount: \$356,216.28		Contract Title: Cook County DOC Division XI Fire Life Safety Upgrade	
Contractor: Sharlen Electric Company		Subcontractor/Supplier/ Subconsultant to be added or substitute: Broadway Electric, Inc.	
Authorized Contact for Contractor: William J Cullen III		Authorized Contact for Subcontractor/Supplier/ Subconsultant: Kristen A. Murphy	
Email Address (Contractor): wjc@sharlen.com		Email Address (Subcontractor): kmurphy@broadwayelectric.com	
Company Address (Contractor): 9101 S. Baltimore Ave		Company Address (Subcontractor): 831 Oakton St.	
City, State and Zip (Contractor): Chicago, IL 60617		City, State and Zip (Subcontractor): Elk Grove Village, IL 60007	
Telephone and Fax (Contractor): T: (773) 721-0700 F: (773) 721-9208		Telephone and Fax (Subcontractor): T: (847) 593-0001 F: (847) 593-0010	
Estimated Start and Completion Dates (Contractor): TBD		Estimated Start and Completion Dates (Subcontractor): TBD	

Note: Upon request, a copy of all written subcontractor agreements must be provided to the OCPO.

Description of Services or Supplies	Total Price of Subcontract for Services or Supplies
Division XI - Retesting of all end devices installed and tested January 2017. (excludes device replacement); HVAC Fan Shutdown - typical of 4 pods and core. Provide and tie in new relays and relay boxes, fan shutdown and sequencing, programming and testing. (excludes device replacement.); Provide and install one pair of tamper and flow switches in room 180-junior closet.	\$308,681.00

The subcontract documents will incorporate all requirements of the Contract awarded to the Contractor as applicable. The subcontract will in no way hinder the Subcontractor/Supplier/Subconsultant from maintaining its progress on any other contract on which it is either a Subcontractor/Supplier/Subconsultant or principal contractor. This disclosure is made with the understanding that the Contractor is not under any circumstances relieved of its abilities and obligations, and is responsible for the organization, performance, and quality of work. This form does not approve any proposed changes, revisions or modifications to the contract approved MBE/WBE Utilization Plan. Any changes to the contract's approved MBE/WBE/Utilization Plan must be submitted to the Office of the Contract Compliance.

Sharlen Electric Company

Contractor

William J. Cullen III

Name

Vice President

Title



May 24, 2019

Prime Contractor Signature

Date

Work Order Number: 063418.00

Contractor: Cook County - Sharfen Electric Company

Work Order Title: Cook County DOC Division XI Fire & Life Safety Upgrade

Date: June 04, 2019

Contract Number: 1555-14475-EC8

Compliance M/W/SBE Estimate

The contractor has submitted their final package documents for the work order and reviewed by the Gordian Group. Following is the proposed list of minority owned, woman owned and small business subcontractors and material suppliers proposed for the above Work Order. This estimate is submitted with the final Work Order Proposal in the amount of \$356,216.28.

Contractor	Duties	Trade	M/W/SBE Status	Total \$	M/W/SBE \$	% of Project
Broadway Electric, Inc.	Electrical and Life Safety Work	S	N	\$308,681.00	\$0.00	0.00%

Trades - C: Contractor; S: Subcontractor; M: Material Supplier
M: Minority; W: Women; S: Small Business

\$308,681.00 \$0.00 0.00%

Total MBE Subcontractor Participation Scheduled	\$0.00	0.00%		\$0.00	MBE Total
Total MBE Supplier Participation Scheduled	\$0.00	0.00%		0.00%	
Total WBE Subcontractor Participation Scheduled	\$0.00	0.00%		\$0.00	WBE Total
Total WBE Supplier Participation Scheduled	\$0.00	0.00%		0.00%	
Total SBE Subcontractor Participation Scheduled	\$0.00	0.00%		\$0.00	SBE Total
Total SBE Supplier Participation Scheduled	\$0.00	0.00%		0.00%	

Total M/W/SBE Participation Scheduled \$0.00 0.00%

Year to Date (Above project estimates are NOT included in totals to date.)

MBE: 12.33%

WBE: 21.40%

SBE: 0.00%

(Contractor) Project Manager

Date

Project Director

Date

PETITION FOR REDUCTION/WAIVER OF MBE/WBE PARTICIPATION – FORM 3

A. BIDDER/PROPOSER HEREBY REQUESTS:

☒ **FULL MBE WAIVER**

☒ **FULL WBE WAIVER**

☐ **REDUCTION (PARTIAL MBE and/or WBE PARTICIPATION)**

_____% of Reduction for MBE Participation
_____% of Reduction for WBE Participation

B. REASON FOR FULL/REDUCTION WAIVER REQUEST

Bidder/Proposer shall check each item applicable to its reason for a waiver request. Additionally, supporting documentation shall be submitted with this request.

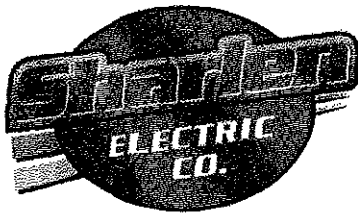
- ☒ (1) Lack of sufficient qualified MBEs and/or WBEs capable of providing the goods or services required by the contract. **(Please explain)**
- ☐ (2) The specifications and necessary requirements for performing the contract make it impossible or economically infeasible to divide the contract to enable the contractor to utilize MBEs and/or WBEs in accordance with the applicable participation. **(Please explain)**
- ☐ (3) Price(s) quoted by potential MBEs and/or WBEs are above competitive levels and increase cost of doing business and would make acceptance of such MBE and/or WBE bid economically impracticable, taking into consideration the percentage of total contract price represented by such MBE and/or WBE bid. **(Please explain)**
- ☐ (4) There are other relevant factors making it impossible or economically infeasible to utilize MBE and/or WBE firms. **(Please explain)**

C. GOOD FAITH EFFORTS TO OBTAIN MBE/WBE PARTICIPATION

- ☐ (1) Made timely written solicitation to identified MBEs and WBEs for utilization of goods and/or services; and provided MBEs and WBEs with a timely opportunity to review and obtain relevant specifications, terms and conditions of the proposal to enable MBEs and WBEs to prepare an informed response to solicitation. **(Attach of copy written solicitations made)**
- ☐ (2) Used the services and assistance of the Office of Contract Compliance staff. **(Please explain)**
- ☐ (3) Timely notified and used the services and assistance of community, minority and women business organizations. **(Attach of copy written solicitations made)**
- ☐ (4) Followed up on initial solicitation of MBEs and WBEs to determine if firms are interested in doing business. **(Attach supporting documentation)**
- ☐ (5) Engaged MBEs & WBEs for direct/indirect participation. **(Please explain)**

D. OTHER RELEVANT INFORMATION

Attach any other documentation relative to Good Faith Efforts in complying with MBE/WBE participation.



Electrical Contracting
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May 24, 2019

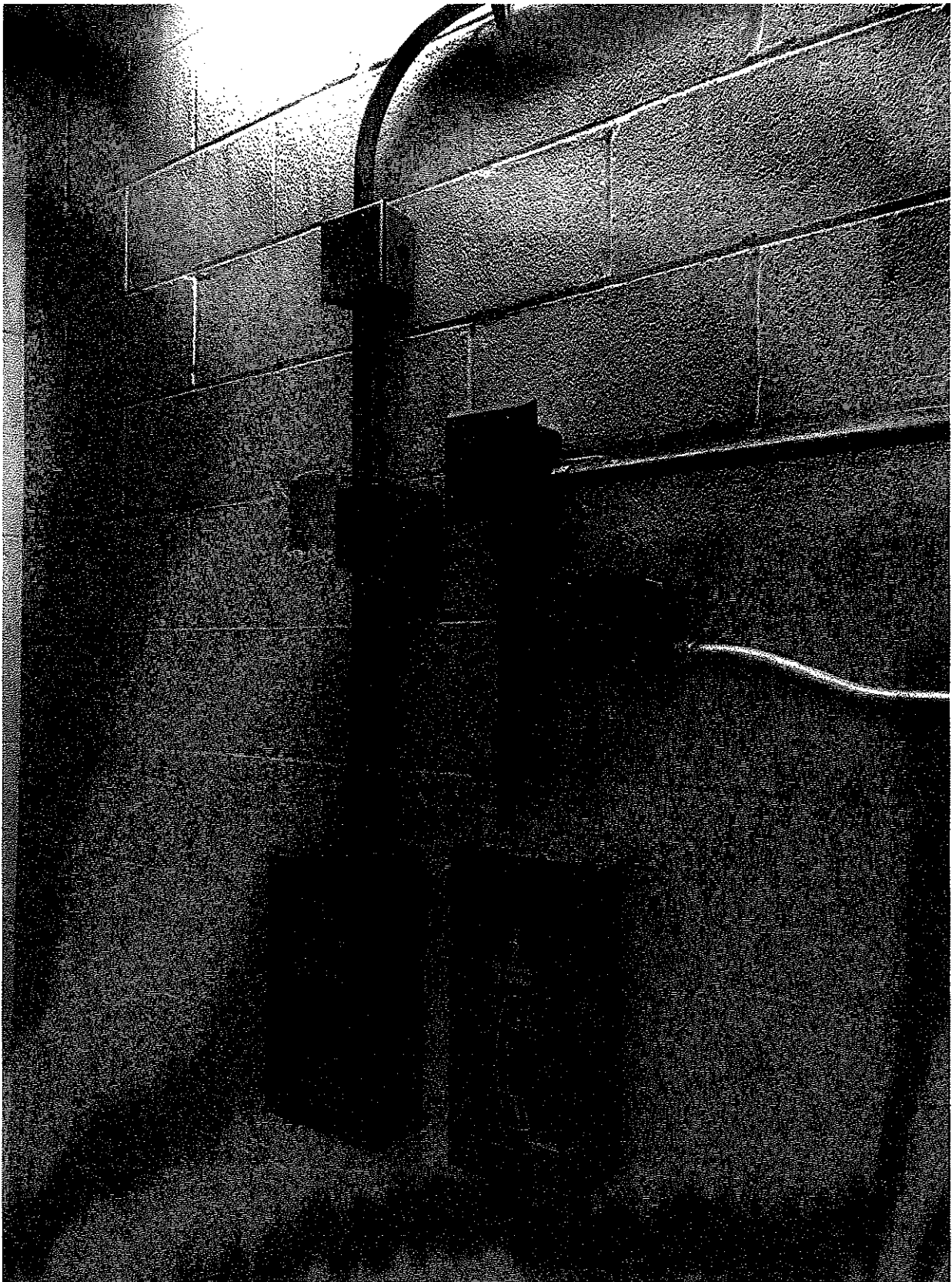
Re: 063418.00 Cook County DOC Division XI Fire Life Safety Upgrades

We are requesting full MBE and WBE waiver because Broadway Electric is the only qualified subcontractor for this project. Their subcontractors (Johnson Controls, Inc., Esscoe, and Metropolitan Fire Protection) are the only qualified contractors to work on their respective proprietary systems. No work remains for any other subcontractors or suppliers to be utilized.

Sincerely,


Jason Schafer

Existing fire alarm system and strobes



Existing connection to be reinstall and test



Fire alarm panels for reconnection with new system

