



**Request for Proposals No. 2021-040  
Detention Center and Court Inmate  
Integrated Security Controls**

**Due Date:** February 3, 2021  
**Time:** 10:00 AM EST  
**Receipt Location:** Union County Government Center  
Procurement Department  
500 N. Main Street, Suite 709  
Monroe, NC 28112

**Procurement Contact:**

Vicky Watts, CLGPO  
Senior Procurement Specialist  
704.283.3601  
[vicky.watts@unioncountync.gov](mailto:vicky.watts@unioncountync.gov)

# Contents

<b>1</b>	<b>Notice of Advertisement</b>	<b>3</b>
<b>2</b>	<b>Submittal Details</b>	<b>4</b>
2.1	PROPOSAL SUBMISSION DEADLINE AND DELIVERY ADDRESS	4
2.2	PROPOSAL SUBMISSION REQUIREMENTS	4
2.3	PROPOSAL QUESTIONS	4
2.4	PROPOSAL ADDENDUM	4
2.5	COMMUNICATION	5
<b>3</b>	<b>Pre-Proposal Courthouse Site Visit (Non-Mandatory)</b>	<b>5</b>
<b>4</b>	<b>Purpose</b>	<b>5</b>
4.1	INTRODUCTION	5
4.1	COUNTY	5
<b>5</b>	<b>Project Scope</b>	<b>5</b>
5.1	BACKGROUND	5
5.2	DESCRIPTION	6
5.3	ARCHITECTURAL DRAWINGS	6
5.4	DOCUMENTATION	7
5.5	MAINTENANCE AND SUPPORT	7
5.6	TRAINING	7
5.7	WARRANTY	8
5.8	PROJECT IMPLEMENTATION	8
5.9	INSTALLATION ONLINE/OFFLINE CONSIDERATIONS	8
5.10	PROJECT TIMELINE	8
5.11	ELECTRICAL LICENSE	8
5.12	UNION COUNTY EXPECTATIONS	8
<b>6</b>	<b>Specifications</b>	<b>9</b>
6.1	DOOR CONTROL SYSTEMS	9
6.2	DOOR LOCKS	10
6.3	INTERCOM SYSTEM	11
6.4	CLOSED CIRCUIT TELEVISION SYSTEM	11
6.5	DURESS ALARM SYSTEM	12
6.6	MISCELLANEOUS	12
6.7	DAMAGES AND CLEANUP	12
<b>7</b>	<b>Detailed Submittal Requirements and Instructions</b>	<b>12</b>
7.1	PROPOSAL FORMAT	12
7.1.1	<i>Section A – Cover Letter</i>	14
7.1.2	<i>Section B – Company Background and Experience</i>	14
7.1.3	<i>Section C – Proposed Solution</i>	15
7.1.4	<i>Section D – Implementation Plan</i>	15
7.1.5	<i>Section E – Maintenance and Support Program</i>	16
7.1.6	<i>Section F – Cost Schedule</i>	16
7.1.7	<i>Section G – Subcontractor</i>	17
7.1.8	<i>Section H – Required Forms</i>	18
<b>8</b>	<b>Evaluation Criteria and Selection Process</b>	<b>18</b>
8.1	SELECTION PARTICIPANTS	18
8.2	EVALUATION SELECTION PROCESS	18
8.3	AWARD PROCEDURE	19





8.4 CONFLICT CERTIFICATION .....20

**9 General Conditions and Requirements ..... 20**

9.1 TERMS AND CONDITIONS .....20

9.2 CONTRACTUAL OBLIGATIONS .....20

9.3 SUB-CONTRACTOR/PARTNER DISCLOSURE .....20

9.4 SALES TAX.....20

9.5 EXCEPTION TO THE PROPOSAL.....21

9.6 MODIFICATION OR WITHDRAWAL OF PROPOSAL.....22

9.7 EQUAL EMPLOYMENT OPPORTUNITY.....22

9.8 MINORITY BUSINESSES (MBE) OR DISADVANTAGED BUSINESSES (DBE) .....22

9.9 LICENSES.....22

9.10 E-VERIFY .....22

9.11 DRUG-FREE WORKPLACE .....23

9.12 INSURANCE .....23

9.13 INDEMNIFICATION .....25

**10 Appendix A - Proposal Submission Form ..... 26**

**11 Appendix B – Addendum and Anti-Collusion..... 27**

**12 Appendix C – Sample Vendor Payment Notification ..... 28**

**13 Appendix D – Non-Disclosure Agreement ..... 29**

**14 Appendix E – Photographs..... 30**



## 1 NOTICE OF ADVERTISEMENT

**Union County, North Carolina  
Request for Proposals No. 2021-040  
Detention Center and Court Inmate Integrated Security Controls**

Electronic proposals will be received by the Union County's Procurement Department at the Union County Government Center, 500 North Main Street, Monroe, NC 28112 until **10:00 AM EST on Wednesday, February 3, 2021.** Late submittals will not be accepted.

A **non-mandatory** courthouse site visit will be held on **January 6, 2021 at 11:00 AM EST.** Representatives from the Union County Sheriff's Office will be on-hand to answer questions. Vendors interested in attending should email Vicky Watts, [vicky.watts@unioncountync.gov](mailto:vicky.watts@unioncountync.gov) for an appointment by 5:00 PM on Monday, January 4, 2021. There is a limit of 2 representatives per company.

Union County, North Carolina, through the Union County Sheriff's Office, is seeking proposals from qualified Offerors to provide a turnkey solution for integrated controls of all security functions with the Union County Detention Center and Court Intake in response to this solicitation.

Copies of the solicitation may be obtained from the locations listed below:

1. Download the Proposal Documents from the Union County website:  
<https://www.unioncountync.gov/departments/bids-procurement/current-bids>
2. Download the Solicitation Documents from the State of North Carolina IPS website:  
[www.ips.state.nc.us](http://www.ips.state.nc.us) (Bid by Departments, search County of Union).

Union County reserves the right to reject any or all proposals, to waive technicalities and to make such selection deemed in its best interest.

Union County reserves the right to award to multiple vendors.

Offerors are required to comply with the non-collusion requirements set forth in the Solicitation Documents.

Union County encourages good faith effort outreach to Minority Businesses (HUB Certified) and Small Businesses.



## 2 Submittal Details

### 2.1 PROPOSAL SUBMISSION DEADLINE AND DELIVERY ADDRESS

All Proposal Submittals are to be received by the Union County Procurement Department no later than **10:00 AM EST on Wednesday, February 3, 2021** per the instructions below. Any submittals received after this date and time shall be rejected without exception.

### 2.2 PROPOSAL SUBMISSION REQUIREMENTS

The proposal must be submitted electronically using the following link: <https://portal.unioncountync.gov/Forms/procurementsubmit>. **The proposal package must be signed by a person who is authorized to bind the proposing Company.** Instructions for preparing the proposal are provided herein.

#### **Paper submissions will not be accepted.**

There is no expressed or implied obligation for Union County to reimburse Offerors for any expenses incurred in preparing proposals in response to this request.

Union County reserves the right to:

- Reject any or all proposals, to waive technicalities and to make such selection deemed in its best interest;
- Cancel this solicitation;
- Award to multiple vendors.

### 2.3 PROPOSAL QUESTIONS

Proposal questions will be due on or before **January 22, 2021 at 10:00 AM EST**. The primary purpose is to provide participating Offerors with the opportunity to ask questions, in writing, related to the RFP.

Submit questions by e-mail to **Vicky Watts** at [vicky.watts@unioncountync.gov](mailto:vicky.watts@unioncountync.gov) by the deadline shown above. The email should identify the proposal number and project title. All questions and answers may be posted as addenda on [www.unioncountync.gov](http://www.unioncountync.gov) and [www.ips.state.nc.us](http://www.ips.state.nc.us).

### 2.4 PROPOSAL ADDENDUM

Union County may modify the RFP prior to the date fixed for submission of proposals by the issuance of an addendum.

Should an Offeror find discrepancies or omissions in this RFP or any other documents provided by Union County, the Offeror should immediately notify the County of such potential discrepancy in writing via email as noted above.

Any addenda to these documents shall be issued in writing. No oral statements, explanations, or commitments by anyone shall be of effect unless incorporated in the written addenda. Receipt of Addenda shall be acknowledged by the Offeror on Appendix B - Addendum and Anti-Collusion form.





## 2.5 COMMUNICATION

All communications, any modifications, clarifications, amendments, questions, responses or any other matters related to this Request for Proposals must be made only through the Procurement Contact noted on the cover of this RFP. A violation of this provision is cause for the County to reject a Company's proposal. No contact regarding this document with other County employees is permitted and may be grounds for disqualification.

## 3 PRE-PROPOSAL COURTHOUSE SITE VISIT (NON-MANDATORY)

A **non-mandatory** courthouse site visit will be held on **January 6, 2021 at 11:00 AM EST**. Representatives from the Union County Sheriff's Office will be on-hand to answer questions. Vendors interested in attending should email Vicky Watts, [vicky.watts@unioncountync.gov](mailto:vicky.watts@unioncountync.gov) for an appointment by 5:00 PM on Monday, January 4, 2021. There is a limit of 2 representatives per company.

## 4 PURPOSE

### 4.1 INTRODUCTION

Union County, North Carolina, through the Union County Sheriff's Office, is seeking proposals from qualified Offerors to provide a turnkey solution for integrated controls of all security functions with the Union County Detention Center and Court Intake in response to this solicitation.

Union County intends to award a contract to the vendor whose solution most closely meets the requirements defined in this RFP. The vendor's ability to provide a clear project plan and approach towards the successful implementation of these services, as well as provide on-going support, are critical factors in the selection process.

### 4.1 COUNTY


The County (estimated population 237,477) is located in the central, southern piedmont. The County provides its citizens with a full array of services that include public safety, water/wastewater utilities and sanitation, human services, cultural and recreational activities, and general government administration.

## 5 PROJECT SCOPE

### 5.1 BACKGROUND

The current system was manufactured by BlackCreek, Inc. and is a computer based, networked, touch screen control station (2) located in centralized control rooms. This facility floor plan system controls all exterior and interior security doors, all cell doors, sally port rollup bay doors, all two way communication intercoms throughout the facility, and activates all lighting, TV's, and phone throughout the facility. The system was purchased and installed in 2011. During the installation, the system was upgraded to a digital Programmable Logic Controllers (PLC) from the original analog relay system. Intercom system is VOIP with amplified voice command between security staff, vehicular traffic,





personnel and inmate housing. All communication is recorded. Cell locks are original to the building and end of life.

## 5.2 DESCRIPTION

The County seeks a turnkey solution that provides integrated controls of all security functions within the Detention Center and Court Inmate Integrated Security Controls. All existing touch screen control stations in Master Control and the Housing Unit Control shall be removed and replaced. All existing cell and door locks shall be removed and replaced with a surfaced mounted lock and has the capability of giving the staff a visual and/or audio response that the door is secured or unsecured. All hallway and exiting doors locks shall be removed and replaced with updated locks. All existing relays to control lighting, TV's and Phones shall be removed and replaced with any type of NON Proprietary Programmable Logic Controller, PLC.

The Union County Sheriff's Officer operates a smaller "intake" Housing Unit located at the Union County Court House. The system shall control the security doors, cells, rollup bay doors, and intercoms remotely from the Union County Sheriff's Officer Master Control and Court/Intake Control Room. The Court/Intake Control Room shall have the capability of operating independently from the Sheriff's Office Master Control in the event of a connection loss between the two systems.

All intercoms communications shall be recorded and stored locally at the Union County Sheriff's Office. The system shall be on site standalone but shall interface with the County of Union current network.

Proposals must furnish as part of the RFP all descriptive material necessary for the County to (1) determine whether the product offered meets the requirements of the RFP and (2) establish exactly what the respondent proposes to furnish in terms of supplies, materials, and services.

Proposer's wiring diagrams shall be submitted with the RFP. The diagram shall include the proposed system network, location of equipment, migration path, etc.; and must clearly differentiate between equipment included in the proposal and that expected to be supplied by the County. Any and all diagrams or drawings must include sufficient details and legends to enable interpretation by the reader.

## 5.3 ARCHITECTURAL DRAWINGS

Architectural Drawings of the Union County Jail Facility will be made available digitally. Vendors must complete and sign a Non-Disclosure Agreement (Appendix D) and email to Vicky Watts, [vicky.watts@unioncountync.gov](mailto:vicky.watts@unioncountync.gov). Upon approval by the Sheriff's Office, a link to the drawings will be emailed to the Vendor.

The awarded vendor will be issued a set of blueprints for reference during the project. This blueprint must be returned to the Sheriff's Office at the end of the project.





## 5.4 DOCUMENTATION

The chosen vendor must provide for each software component a complete set of system documentation for users and administrators in an electronic format. Union County will be given permission to reproduce the documentation or parts of the documentation as needed. It is expected that the vendor shall maintain its copyrights to all materials.

## 5.5 MAINTENANCE AND SUPPORT

Union County anticipates the chosen vendor will have the technical expertise, staffing, and protocols to effectively support the implementation of its product in Union County. 24 hour live support must be offered during Union County regular business hours at a minimum. Other desirable support options include FAQs, known issues tracking, email support, and access to support managers and development staff if required.

The chosen vendor must maintain the proposed system if implemented. Vendors must clearly outline how the software is maintained, including bug fixes, feature and technology upgrades, and assimilation of state-of-the-art technologies.

In addition, the chosen vendor must provide the following:

1. Ability to have on hand inventory for in-house maintenance staff to repair damaged or inoperable equipment;
2. Emergency plan;
3. 24-hour support;
4. Service call response time;
5. Conditions under which vendor personnel will be available to preform modifications during the life of the software;
6. Software approach to the release of upgrades.

## 5.6 TRAINING

Training is considered an essential element of this project. One aspect of training Union County will be considering is how quickly and easily the proposed system can be adopted. We will be looking for answers to these questions and others within RFP responses, demonstrations, and discussions with vendor representatives:

1. The proposal shall include a training component. This training component shall consist of at least 4 in-person training sessions for the Union County Detention Center. The training component shall also include a form of pre-recorded training stored on digital media.
2. An interactive training program is preferred to a pre-recording of an in-person training session. All training must be scheduled so as to be completed prior to the system going live.
3. The training component shall provide system maintenance and troubleshooting guides for future reference. The proposal shall provide at least one hard copy and one digital copy of the system owner and operational manuals prior to the initiation of the system, in the Detention Center.
4. It is not required, but preferred, that a select County staff be trained to complete simple and major troubleshooting to critical systems of the door control and intercoms system.





## 5.7 WARRANTY

Union County expects all software, hardware, and installation to be covered by a reasonable warranty period. This information should be included in your proposal.

## 5.8 PROJECT IMPLEMENTATION

A brief description of the expectations and training considerations for project implementation is required. As before, this section is not intended to be exhaustive and Union County is relying on vendors who submit proposals to incorporate the highest levels of service and expertise during the implementation phase(s) of this project.

## 5.9 INSTALLATION ONLINE/OFFLINE CONSIDERATIONS

During the install, it will be required that only a small amount of door controls and intercoms will be offline. Only one housing unit will be allow to be taken offline at a time. Another housing unit cannot be taken offline, until the first is back online and fully functioning with full door controls and intercoms.

During the time a housing unit is offline with no door controls and/or intercoms and is not back online as set by the timeline of the project. The contractor will be responsible for the cost to provide officers in the housing unit until that unit is back online and fully functioning.

## 5.10 PROJECT TIMELINE

A project timeline is required as part of proposal:

1. Project timeline should clearly outline the details and timeline associated with completing the work as described in this RFP;
2. A work task flow chart that illustrates chronologically the firm's intent to reach major project milestones;
3. If the total project falls behind as set by the timeline of the project, the contractor will be responsible for the cost to provide officers in the areas that the contractor is still working.

## 5.11 ELECTRICAL LICENSE

A licensed electrician is required for this project. Provide electrical license number as part of the proposal.

## 5.12 UNION COUNTY EXPECTATIONS

The following list represents the core expectations of Union County:

1. The County expects vendors to represent their products and services in an accurate and complete way.
2. The County expects to provide a fair selection process that evaluates all opportunities presented to Union County and that secures the best possible solution for our organization.
3. Union County seeks to work with an organization that fits with our culture and approach to establishing good customer service and productive business relationships.


## 6 SPECIFICATIONS

Turn over to Owner, all removed items whether explicitly noted or inferred.

### 6.1 DOOR CONTROL SYSTEMS


1. Remove exiting Master Control, Housing Unit A/B and C/D, and Court/Intake Housing Unit touch screens. Turn over to owner.
2. Furnish and install new server computer and remote access/data logger computer in main Detention Center Server Room.
3. Furnish and install two (2) display touch screen Master Control stations. These stations shall have redundant dedicated system with a left/right side. Both sides will be able to operate the whole facility on its own. Each side shall control all security doors, intercoms, lighting, TV's, Phones, bay doors, and CCTV camera call-up.
4. Furnish and install one (1) A/B, C/D, and one (1) Court/Intake Control stations, and 1 (1) Courthouse Control Room. These stations shall have dedicated system. Each side shall control all security doors, intercoms, lighting, TV's, Phones, bay doors, and CCTV camera call-up for their housing unit.
5. Remove and replace all existing control relays with any type of NON Proprietary PLC type relay.
  - a. 220 exiting controlled and monitored swing doors;
  - b. 6 exiting controlled and monitored rollup door/gate.
6. Furnish and install new UPS unit in main Detention Center Server Room. UPS shall be sized to allow only 60% load on the unit to power the full system. Turn over to owner.
7. Furnish and install new equipment cabinets in main Detention Center Server Room to house new servers, UPS, and current switches. The equipment cabinet must be approved by the Union County Sheriff's Office before installation. Cabinet must be able to hold other existing rake mounted equipment. Turn over to owner removed equipment cabinet.
  - a. New equipment cabinet will house current camera system patch panel and current switches;
  - b. All current patch panels and/or switches will be moved over to new cabinet with the assistance and guidance of the Union County Sheriff's Office IT;
  - c. New equipment cabinet will require an approved wire management by Union County Sheriff's Office IT;
  - d. New equipment cabinet will require all patch panels to be clearly labeled and color coded.
8. Furnish and install at minimal 1 GbE networking switches were needed. All networking switches must have redundant power supplies.
9. Current server rooms are connected with fiber and may be used. If additional fiber is required, the Vendor must provide and install. If fiber is needed between server room and Master Control, the Vendor must provide and install.



- 
10. Furnish and install new Ethernet patch panels, jacks and patch cables as required in all areas. All patch panels, jacks, patch cable, and network cable must at the minimal Cat6 or higher cable and be orange or any color other than blue, yellow, or white.
  11. All network runs, patch panels, and jack shall be labeled. A network diagram will be given to the Union County Sheriff's Office when completed.
  12. Terminate existing and new control wiring as required.

## 6.2 DOOR LOCKS

1. All existing cell locks shall be removed and replaced with a surfaced mounted lock and has the capability of giving the staff a visual and/or audio response that the door is secured or unsecured. Turn over removed locks to owner.
2. The following is the make and model of the existing locks for the direct lock replacement at hallway doors:
  - a. All cell doors in the jail are Folger Adam NS400E, see attached pdf and photo.
  - b. All Hallway doors in the jail are Folger Adam 120E, see attached pdf and photo.
  - c. All cell doors in Intake are slider locking doors and will not need to be replaced, just controlled, see attached photo.
  - d. All hallway doors in Intake are ASSA cylinder Lock, see attached photo.
3. All existing interior and exterior hallway security door locks shall be removed and replaced with a standard high security lock;
4. All existing cell and door locks are a 5 wire 24 volt lock system, 2 wires for the door and 3 wires for the position. All cell doors are a 24 volt lock and all hallway doors are 120v.
5. Keys should be standard to all locks. There will be two levels of keys, Master (open All locks), Standard (open all cell locks and inner doors only. This key should not be able to open any outer door lock). The Sheriff's Office requires 50 keys for standard locks and 20 master keys to start. Additional keys must be available to order post award.
6. The County requires 3 different keyed keys. All keys will have to be color marked and notched to meet NC Jail code as per 10A NCAC 14J .0405 KEYS
  - a. Each jail that is classified as an Institutional Group I-3 occupancy shall have a key control system. For the purposes of this Rule, "Institutional Group I-3 occupancy" means an occupancy classification as defined in the North Carolina State Building Code.
  - b. A system of keys and matching locks that are color-coded and marked for identification by touch on both sides of doors installed in a means of egress.
7. The County requires 3 different cut keys
  - a. One Cell Doors, with 1 notch in key and door.
  - b. One Hallway Doors, Blue color, with 2 notches in the key and door.
  - c. One Master Key, Red color, with 3 notches in the key and door.
8. The current locks are solenoid operated. The County would like a recommendation from the vendor on what would be the replacement for the current ones.

- 
9. One (1) hallway door has a cylinder extension. The remaining doors do not have extensions.
  10. The door locks must be full cycle.
  11. Jail Locks and Doors
    - 115 Cell Doors that will require new surface mounted locks – One Key pattern
    - 345 door hinges for cell doors. Would like to see cost to replace 87 hinges, this is 25% of the door hinges and will give us a good cost
    - All hallway doors will be replaced with new locks and cylinders
    - 45 Hallway doors Inter door – One key pattern
    - 19 Hallway door Outer door – Master key pattern
    - 2 bay rollup doors, Controlled only
    - 1 sliding gate, Controlled only
  13. Courthouse Locks and Doors
    - All doors will only require new cylinders (rekey), Are NOT replacing locks
    - 21 cell doors - One key pattern
    - 17 hallway doors - One key pattern, and a few that will be master key pattern
    - 2 bay rollup doors, Controlled only
    - 1 sliding gate, Controlled only


### **6.3 INTERCOM SYSTEM**

1. Remove and replace existing intercom system with a digital unit. Unit must have redundant power supplies. Turn over to owner;
2. Remove and replace existing intercom relay boards. Turn over to owner;
3. Remove and replace existing intercom paging speakers and amplifiers. Turn over to owner;
  - a. 94 paging speakers
  - b. 2 paging horns
4. Remove and replace existing intercom stations with a call in push button vandal resistant call station. Turn over to owner;
  - a. 245 intercom stations
5. Terminate existing field wiring on new intercom head units and equipment;
6. Install recording server for storing all intercom calls. Server must have redundant power supplies. System shall store all calls for at least 1 year. System shall have the ability to download all intercom calls.
7. In the jail, there are 202 intercoms that need to be controlled.
8. In the courthouse, there are 43 intercoms that need to be controlled.
9. Any scan pads that are in the courthouse are not part of this solicitation.

### **6.4 CLOSED CIRCUIT TELEVISION SYSTEM**

1. System shall have the ability to interface with current video system that is installed at the Union County Sheriff's Office and Union County Court House;
  - a. Current system is ExcaqVision



- 
- b. Current system is equipped with 88 IP cameras, with 139 individual views
  2. All required interfaces shall be provide by the company.
    - a. It is the responsibility of the vendor to obtain any and all necessary API and SDK for other vendors.

#### **6.5 DURESS ALARM SYSTEM**

1. Provide control and annunciation of the following to be intergraded with new system.
  - a. 4 existing duress pushbuttons
  - b. Current duress is an analog base system
  - c. New system would require to be digital base
2. The over

#### **6.6 MISCELLANEOUS**

1. Remove and replace existing relays and sockets to control the following:
  - a. Lighting throughout the Detention Center
  - b. TV's located in the housing units
  - c. All Inmate Phones in the housing units
2. System shall have the ability to interface with current fire control system that is installed at the Union County Sheriff's Office and Union County Court House;
3. All required interfaces shall be provide by the company;
4. Install a manual override for all housing unit smoke purge fans.
  - a. Current system only manual override is outside of the main Detention Center;
  - b. New system would require remote manual override in Master Control.
  - c. The smoke purge fans are managed separately from the Simplex fire alarm system.
5. If any conduit is needed, the vendor will be responsible for any holes and mounting. If any conduit is ran through walls, it must be fire caulk.


#### **6.7 DAMAGES AND CLEANUP**

1. Existing floors, walls, ceilings, or any structural piece shall not be drilled or cut without prior approval of the Union County Sheriff's Office. The contractor shall be held responsible for and make payment on any damage caused from the delivery and/or installation of its work.
2. The contractor shall keep the premises clean from debris and rubbish. After each working day, the contractor shall remove any rubbish or waste from the working area. If the Union County Sheriff's Office is required to clean up, the cost shall be charged back to the contractor.

### **7 DETAILED SUBMITTAL REQUIREMENTS AND INSTRUCTIONS**

#### **7.1 PROPOSAL FORMAT**

**The County desires all responses to be identical in format in order to facilitate comparison.** While the County's format may represent a departure from the vendor's



preference, the County requests adherence to the format. All responses are to be in the format described below.

Offerors should prepare their proposals in accordance with the instructions outlined in this section. Each proposer is required to submit the proposal electronically – Refer to page 4, 2.2. Each section should be identified as described below. Proposals should be prepared as simply as possible and provide a straightforward, concise description of the proposer's capabilities to satisfy the requirements of the RFP.

The successful Offeror's proposal must include all responses to the requirements contained within this RFP and all appendices (if applicable) must be completed in their entirety.

By submitting a proposal, the successful Offeror's firm agrees to all applicable provisions, terms and conditions associated with this RFP. This solicitation, the successful bidder's submitted proposal, all appendices and attachments (if applicable), and stated terms and conditions may become part of the resulting contract.

Utmost attention should be given to accuracy, completeness, and clarity of content. All parts, pages, figures, or tables should be numbered and clearly labeled. Response information should be limited to pertinent information only. Marketing and sales type information is not to be included.

Omissions and incomplete answers may be deemed unresponsive. Please initial any corrections.

Proposals shall be 8 1/2" x 11" with one (1) inch margins with Arial or Times New Roman font and text size minimum of eleven (11) points. *Charts and screenshots are not restricted to formatting requirements; however, please use your judgment for decipherability.*

**The proposal should be organized and identified by section as follows:**

- **Section A** – Cover Letter
- **Section B** – Company Background and Experience
- **Section C** – Proposed Solution
- **Section D** – Implementation Plan
- **Section E** – Maintenance and Support Program
- **Section F** – Cost Schedule
- **Section G** – Subcontractor
- **Section H** – Required Forms
  - Appendix A – Proposal Submission Form (signed)
  - Appendix B – Addenda Receipt and Anti-Collusion (signed)





### 7.1.1 SECTION A – COVER LETTER

Provide the following information about your company. Respond to each item and provide supporting documentation and/or exhibits as requested or desired. The cover letter may be a maximum of three (3) pages.

1. Legal Company Name and DBA (if applicable)  
Address  
Telephone Number  
Website Address
2. Name of Single Point of Contact  
Title  
Telephone Number  
Email Address
3. Name of Person with Binding Authority  
Title  
Address  
Telephone Number  
Email Address
4. Stipulate that the proposal price will be valid for a period of 120 days.
5. Make the following representations and warranty in the cover letter, the falsity of which might result in rejection of its proposal: "The information contained in this proposal or any part thereof, including any exhibits, schedules, and other documents and instruments delivered or to be delivered to the County, is true, accurate, and complete. This proposal includes all information necessary to ensure that the statements therein do not in whole or in part mislead the County as to any material facts."


### 7.1.2 SECTION B – COMPANY BACKGROUND AND EXPERIENCE

This section provides each vendor with the opportunity of demonstrating how its history, organization, and partnerships differentiate it from other entities. Careful attention should be paid to providing information relevant to Union County needs.

#### **History and Profile**

Provide a concise profile of the Proposer's organization to include the following:

- Corporate history, and number of years in business under the current organizational name and structure and services offered.
- What is the bidder's total number of installations of the proposed application software product?
- What is the bidder's service commitment to customers?
- What are the bidder's annual sales?
- Are audited or otherwise verifiable financial statements available upon request?

- 
- Is the bidder's organization involved in any pending litigation that may affect its ability to provide its proposed solution or ongoing maintenance or support of its products and services
  - If you are a Value Added Reseller of the system you are proposing, answer the above questions for the software's parent company.

### **References**

Provide contact information for three to five of the Offeror's customers who have used or are currently using the software/equipment described in this solicitation. Include the following:

- Company Name
- Contact Name and Title
- Address
- Phone Number
- Email Address
- Software/Equipment Purchased
- Project start and end date

### **License**

Provide electrical license number.

### **7.1.3 SECTION C – PROPOSED SOLUTION**

Please give a detailed description of the solution you are proposing as described in this solicitation. Include software modules and hardware required to operate the system and the proposed cabinetry. Address why the bidder's solution best meets the needs of Union County. At a minimum, please include the following:

- Documentation - Both system level and user documentation must be provided. List and describe the available documentation that is included in the proposal pricing in this RFP and the media on which it is published.
- License Structure - Please describe the bidder's software licensing structure in detail. Do so for each product or module if they differ from one another.

### **7.1.4 SECTION D – IMPLEMENTATION PLAN**

This section covers various aspects of the successful bidder's approach to implementing projects. Please respond with as much relevant detail as possible given the information you've been provided in this RFP.

### **Project Team**

Describe the professional staff to be associated with this project. At a minimum, this section should include the following information for each key person identified by the company:

1. Name and title
2. Project responsibilities and roles
3. Involvement levels & durations
4. Years of relevant experience



5. Length of service with the company

**Timeline**

Provide a detailed proposed schedule for implementation steps and milestones.

**Training**

- Describe what type of training and the number of people to be trained that is included as part of the initial installation.
- Describe how you will schedule and provide for training of end users, technical staff, and system administrators including initial training, consultation, and follow-up training.
- Describe what types of additional training may be available either through the bidder's company or through another agency.

**7.1.5 SECTION E – MAINTENANCE AND SUPPORT PROGRAM**

**Maintenance**

- Describe the details and duration of any manufacturer's warranty on proposed software system and services provided.
- How often do you provide product updates?
- Include the firm's willingness and plan for keeping its products up-to-date. "Up-to-date" is defined as continuously adding or replacing products to take advantage of new technology and complying with emerging industry standards.
- Describe the process by which user input is incorporated into new product releases.
- What is included in the annual maintenance contract?
- What is the response time on a service call?
- Define the conditions under which vendor personnel will be available to perform modifications during the life of the software.


**Support**

Vendor shall describe the extent and nature of software support services, including web-based and telephone support, and consulting support.

- Do you provide 24-Hour support?
- Do you have a telephone access number for technical phone support? What are the hours of support?
- What is the guaranteed response time for telephone support?
- Do you have the ability to provide direct remote support? Please describe.
- Describe the bidder's support escalation procedure.
- What is the bidder's policy for the provision of on-site support?
- Do you maintain a client accessible Internet Knowledge Base of known issues and frequently asked questions?

**7.1.6 SECTION F – COST SCHEDULE**

Provide a cost schedule breakdown of all expenses anticipated to meet the requirements of this solicitation. This should include complete cost breakdowns for software, hardware, maintenance, cabinetry, training, implementation, and any



additional goods and services required. Include a **grand total** to provide a turnkey solution for integrated controls of all security functions with the Union County Detention Center and Court Intake.

Provide cost and details of optional items associated with the system separately from the grand total.

### **Software**

- List and describe the costs for each component of the proposed software.

### **Hardware**

- List and describe the costs for each hardware component of the proposed solution.

### **Cabinetry**

- List and describe the cost for cabinetry supplied for the proposed solution.

### **Maintenance**

- List and describe in detail the projected maintenance costs involved in this proposed system.

### **Training and Implementation**

- List and describe the costs to train additional 'basic' or 'advanced' users in the future.
- Describe the costs for documentation materials.
- Describe all costs associated with implementing the solution including, consulting, installation, services, travel, and Per Diem.

### **Additional Goods and Services**

- List and describe any additional cost associated with this proposed system that are not listed above.

### **Pricing for Optional Items**

- List and describe separately pricing for optional items associated with the system.

## **7.1.7 SECTION G – SUBCONTRACTOR**

Subcontractors to be utilized in the performance of this service must be clearly identified. Provide the following:

- Name of the subcontractor and location
- Reason for subcontracting
- Proposed subcontractor responsibilities





### 7.1.8 SECTION H – REQUIRED FORMS

Offerors must include copies of the following documents:

- Appendix A – Proposal Submission (signed)
- Appendix B – Addenda Receipt and Anti-Collusion (signed)

## 8 EVALUATION CRITERIA AND SELECTION PROCESS

### 8.1 SELECTION PARTICIPANTS

1. Maintaining the integrity of the RFP process is of paramount importance for the County. To this end, please do not contact any members of Union County or its staff regarding the subject matter of this RFP until a selection has been made, other than the County's designated contact person identified in the introduction to this RFP.
2. Representatives of Union County will read, review, and evaluate the RFP independently based on the evaluation criteria. Failure to abide by this requirement shall be grounds for disqualification from this selection process.
3. The County will establish an RFP Evaluation Team to review and evaluate the RFPs. The RFP Evaluation Team will assess the RFPs independently in accordance with the published evaluation criteria. Union County reserves the right to conduct interviews with a shortlist of selected respondents.
4. At its sole discretion, the Owner may ask written questions of Offerors, seek written clarification, and conduct discussions with Offerors on the RFPs.
5. The County reserves the right to determine the suitability of proposals on the basis of a proposal meeting scope and submittal criteria listed in the RFP. Evaluation criteria and other relevant RFP information will be used to assist in determining the finalist Vendor.

### 8.2 EVALUATION SELECTION PROCESS

A weighted analysis of the evaluation criteria will be utilized to determine the Vendor that represents the best value financing solution for the County.

In the evaluation and scoring/ranking of Offerors, the Owner will consider the information submitted in the RFP as well as the meetings (if applicable) with respect to the evaluation criteria set forth in the RFP.

The initial evaluation criteria/factors and relative weights listed below will be used to recommend selection of the Proposed Offeror or for the purpose of selecting Short-Listed Offerors. The County may choose to award without engaging in interview discussions.



RFP Criteria	Weights
Company Background and Experience	20%
Proposed Solution and Implementation Plan -Documentation, License Structure and Warranty -Project Team, Timeline and Training	35%
Maintenance and Support Program	25%
Cost Proposal & Compliance with Information in RFP	20%

Vendors may be invited to give a demonstration of the capabilities of the proposed solution to the Union County evaluation team. The successful bidder's demonstration (if requested), along with questions and answers, will be a critical component of the overall vendor evaluation.

After identification of Short-Listed Offerors, the Owner may or may not decide to invite Short-Listed firms to vendor demonstration/interviews. If interviews are scheduled with the Short-Listed Offerors, previous evaluation and rankings are not carried forward. For the purpose of selecting a Preferred Offeror, the evaluation criteria will be given the following relative weights:

Interview Criteria	Weights
Vendor Demonstration of Product -Software functionality (all applicable elements)	70%
Price, Quality and Relevance of Interview as it Relates to the Scope of the RFP	30%

### 8.3 AWARD PROCEDURE

The County reserves the right to make an award without further discussion of the proposals received. Therefore, it is important that the proposal be submitted initially on the most favorable terms. It is understood that any proposal submitted will become part of the public record.

A proposal may be rejected if it is incomplete. Union County may reject any or all proposals and may waive any immaterial deviation in a proposal.

The County may accept that proposal that best serves its needs, as determined by County officials in their sole discretion.

More than one proposal from an individual, firm, partnership, corporation or association under the same or different names, will not be considered.

County may select and enter into negotiations with the next most advantageous Proposer if negotiations with the initially chosen Proposer are not successful.

The award document will be a Contract incorporating, by reference, all the requirements, terms and conditions of the solicitation and the Offeror's proposal as negotiated.





## **8.4 CONFLICT CERTIFICATION**

The firm must certify that it does not have any actual or potential conflicts of interest with, or adversarial litigation against the County or any of its officers or employees. During the course of the contractual relationship formed pursuant to this solicitation, any such conflict of interest, whether newly arising or newly discovered, must be disclosed to the County in writing.

## **9 GENERAL CONDITIONS AND REQUIREMENTS**

### **9.1 TERMS AND CONDITIONS**

All proposals submitted in response to this request shall become the property of Union County and as such, may be subject to public review.

Union County has the right to reject any or all proposals, to engage in further negotiations with any Company submitting a proposal, and/or to request additional information or clarification. The County is not obligated to accept the lowest cost proposal. The County may accept that proposal that best serves its needs, as determined by County officials in their sole discretion.

### **9.2 CONTRACTUAL OBLIGATIONS**

The contents of this Proposal and the commitments set forth in the selected Proposal(s) shall be considered contractual obligations, if a contract ensues. Failure to accept these obligations may result in cancellation of the award. All legally required terms and conditions shall be incorporated into final contract agreements with the selected Service Provider(s).

### **9.3 SUB-CONTRACTOR/PARTNER DISCLOSURE**

If the proposal by any Company requires the use of sub-contractors, partners, and/or third-party products or services, this must be clearly stated in the proposal. The Company submitting the proposal shall remain solely responsible for the performance of all work, including work that is done by sub-contractors.


### **9.4 SALES TAX**

Contractor shall be responsible for paying all taxes, fees, assessments and premiums of any kind payable on it employees and operations. Contractor shall substantiate, on demand by Union County, that all taxes and other charges are being properly paid.

Pursuant to N.C.G.S 105-164.14, Union County is eligible for sales and use tax refunds on all material which become a permanent part of the project. Contractor agrees to provide Union County such documentation as may be necessary to meet the requirements of the North Carolina Department of Revenue regarding requests for refund of sales and use taxes. Such requirements include those described in the North Carolina Department of Revenue Sales and Use Tax Technical Bulletins 18-2(F) outlined below:

To substantiate a refund claim for sales or use taxes paid on purchases of building materials, supplies, fixtures, and equipment by a contractor, Union County must secure





from a contractor certified statements setting forth the specific required information. A “certified statement” is a statement signed by a Contractor’s Union, a corporate officer of a contractor, or an employee of a contractor who is authorized to provide information set forth in the statement. The certified statement must include all of the following information:

- a. The date the property was purchased
- b. The type of property purchased
- c. The cost of property purchased and the amount of sales and use taxed paid thereon
- d. The vendor from whom the property was purchased
- e. The project for which the property was purchased
- f. If the property was purchased in the State of North Carolina, the county to which it was delivered, or, if the property was not purchased in the State of North Carolina, the county in which the property was used
- g. The invoice number of the purchase.


In the event Contractor makes several purchases from the same vendor, such certified statement must indicate the invoice numbers, the inclusive dates of the invoices, the total amount of the invoices, and the State and local sales and use taxes paid thereon. Such statement must also include the cost of any tangible personal property withdrawn from Contractor’s warehouse stock and the amount of State and local sales or use tax paid thereon by Contractor. Any local sales or use taxes included in Contractor’s statements must be shown separately from the State sales or use taxes. Contractor’s statements must not contain sales or use taxes paid on purchases of tangible personal property purchased by Contractor for use in performing the Contract which does not annex to, affix to or in some manner become a part of the building or structure that is owned or leased by a governmental agency and is being erected, altered or repaired for use by a governmental entity as defined by N.C.G.S. § 105-164.14(c). Examples of property on which sales or use tax has been paid by Contractor and which shall not be included in Contractor’s certified statement are scaffolding, forms for concrete, fuel for the operation of machinery and equipment, tools, equipment, equipment repair parts and equipment rentals. Similar certified statements by Subcontractors must be obtained by Contractor and furnished to Union.

Contractor shall submit notarized sales tax certificates which meet the requirements detailed above with each Application for Payment. Payment will not be made until the sales tax certificate(s) have been submitted to Union. Union is the recipient of sales tax refunds and no such funds shall be provided to Contractor, or claim made by Contractor therefor.

## **9.5 EXCEPTION TO THE PROPOSAL**

An “exception” is defined as the Service Provider’s inability or unwillingness to meet a term, condition, specification, or requirement in the manner specified in the Proposal. All exceptions taken must be identified and explained in writing in the proposal and must specifically reference the relevant section(s) of this Proposal. Other than exceptions that





are stated in compliance with this Section, each proposal shall be deemed to agree to comply with all terms, conditions, specifications, and requirements of this Proposal. If the Service Provider provides an alternate solution when taking an exception to a requirement, the benefits of this alternate solution and impact, if any, on any part of the remainder of the Service Provider's solution, must be described in detail.

#### **9.6 MODIFICATION OR WITHDRAWAL OF PROPOSAL**

Prior to the scheduled closing time for receiving proposals, any Vendor may withdraw their proposal. After the scheduled closing time for receiving proposals, no proposal may be withdrawn for 180 days. Only written requests for the modification or correction of a previously submitted proposal that are addressed in the same manner as proposals and are received by the County prior to the closing time for receiving proposals will be accepted. The proposal will be corrected in accordance with such written requests, provided that any such written request is in a sealed envelope that is plainly marked "Modification of Proposal" – with solicitation number and name on the front of the envelope. Oral, telephone, or fax modifications or corrections will not be recognized or considered.

#### **9.7 EQUAL EMPLOYMENT OPPORTUNITY**

All Firms will be required to follow Federal Equal Employment Opportunity (EEO) policies. Union County will affirmatively assure that on any project constructed pursuant to this advertisement, equal employment opportunity will be offered to all persons without regard to race, color, creed, religion, national origin, sex, and marital status, status with regard to public assistance, membership or activity in a local commission, disability, sexual orientation, or age.

#### **9.8 MINORITY BUSINESSES (MBE) OR DISADVANTAGED BUSINESSES (DBE)**

It is the policy of Union County that Minority Businesses (MBEs), Disadvantaged Business Enterprises (DBEs) and other small businesses shall have the opportunity to compete fairly in contracts financed in whole or in part with public funds. Consistent with this policy, Union County will not allow any person or business to be excluded from participation in, denied the benefits of, or otherwise be discriminated against in connection with the award and performance of any contract because of sex, race, religion, or national origin.

#### **9.9 LICENSES**

The successful Firm(s) shall have and maintain a valid and appropriate business license (if applicable), meet all local, state, and federal codes, and have current all required local, state, and federal licenses.

#### **9.10 E-VERIFY**

E-Verify is the federal program operated by the United States Department of Homeland Security and other federal agencies, or any successor or equivalent program, used to verify the work authorization of newly hired employees pursuant to federal law. Vendor/Firm shall ensure that Firm and any Subcontractor performing work under this



contract: (i) uses E-Verify if required to do so; and (ii) otherwise complies with applicable law.

### 9.11 DRUG-FREE WORKPLACE

During the performance of this Request, the Firm agrees to provide a drug-free workplace for his employees; post in conspicuous places, available to employees and applicants for employment, a statement notifying employees that the unlawful manufacture, sale, distribution, dispensation, possession, or use of a controlled substance or marijuana is prohibited in the workplace and specify the actions that will be taken against employees for violations of such prohibition; and state in all solicitations or advertisements for employees placed by or on behalf of the firm that the Firm maintains a drug-free workplace.

For the purposes of this section, "drug-free workplace" means a site for the performance of work done in connection with a specific contract awarded to a Contractor/Firm in accordance with this chapter, the employees of whom are prohibited from engaging in the unlawful manufacture, sale, distribution, dispensation, possession or use of any controlled substance or marijuana during the performance of the Request.

### 9.12 INSURANCE

One or more of the following insurance limits may be required if it is applicable to the project. The County reserves the right to require additional insurance depending on the nature of the agreement.

At Contractor's sole expense, Contractor shall procure and maintain the following minimum insurances with insurers authorized to do business in North Carolina and rated A-VII or better by A.M. Best.

A. WORKERS' COMPENSATION

(for any agreement unless otherwise waived by the Risk Manager)

Statutory limits (where contractor has three or more employees) covering all employees, including Employer's Liability with limits of:

\$500,000	Each Accident
\$500,000	Disease - Each Employee
\$500,000	Disease - Policy Limit


B. COMMERCIAL GENERAL LIABILITY

(for any agreement unless otherwise waived by the Risk Manager)

Covering Ongoing and Completed Operations involved in this Agreement.

\$2,000,000	General Aggregate
\$2,000,000	Products/Completed Operations Aggregate
\$1,000,000	Each Occurrence
\$1,000,000	Personal and Advertising Injury Limit
\$5,000	Medical Expense Limit



- 
- C. COMMERCIAL AUTOMOBILE LIABILITY  
(for any agreement involving the use of a contractor vehicle while conducting services associated with the agreement)

\$1,000,000 Combined Single Limit - Any Auto

- D. PROFESSIONAL LIABILITY  
(only for any agreement providing professional service such as engineering, architecture, surveying, consulting services, etc.)

\$1,000,000 Claims Made

Contractor shall provide evidence of continuation or renewal of Professional Liability Insurance for a period of two (2) years following termination of the Agreement.

- E. NETWORK SECURITY & PRIVACY LIABILITY (CYBER)

\$1,000,000 Claims Made

Contractor shall provide evidence of continuation or renewal of Network Security & Privacy Liability Insurance for a period of two (2) years following termination of the Agreement.

#### **ADDITIONAL INSURANCE REQUIREMENTS**

- A. The Contractor's General Liability policy shall be endorsed, specifically or generally, to include the following as Additional Insured:

**UNION COUNTY, ITS OFFICERS, AGENTS AND EMPLOYEES ARE INCLUDED AS ADDITIONAL INSURED WITH RESPECTS TO THE GENERAL LIABILITY INSURANCE POLICY.**

Additional Insured status for Completed Operations shall extend for a period of not less than three (3) years from the date of final payment.

- B. Before commencement of any work or event, Contractor shall provide a Certificate of Insurance in satisfactory form as evidence of the insurances required above.
- C. Contractor shall have no right of recovery or subrogation against Union County (including its officers, agents and employees).
- D. It is the intention of the parties that the insurance policies afforded by contractor shall protect both parties and be primary and non-contributory coverage for any and all losses covered by the above-described insurance.
- E. Union County shall have no liability with respect to Contractor's personal property whether insured or not insured. Any deductible or self-insured retention is the sole responsibility of Contractor.



- F. Notwithstanding the notification requirements of the Insurer, Contractor hereby agrees to notify County's Risk Manager at 500 N. Main Street # 130, Monroe, NC 28112, within two (2) days of the cancellation or substantive change of any insurance policy set out herein. Union, in its sole discretion, may deem failure to provide such notice as a breach of this Agreement.
- G. The Certificate of Insurance should note in the Description of Operations the following:
  - Department: \_\_\_\_\_
  - Contract #: \_\_\_\_\_
- H. Insurance procured by Contractor shall not reduce nor limit Contractor's contractual obligation to indemnify, save harmless and defend Union County for claims made or suits brought which result from or are in connection with the performance of this Agreement.
- I. Certificate Holder shall be listed as follows:
  - Union County
  - Attention: Keith A. Richards, Risk Manager
  - 500 N. Main Street, Suite #130
  - Monroe, NC 28112
- J. If Contractor is authorized to assign or subcontract any of its rights or duties hereunder and in fact does so, Contractor shall ensure that the assignee or subcontractor satisfies all requirements of this Agreement, including, but not limited to, maintenance of the required insurances coverage and provision of certificate(s) of insurance and additional insured endorsement(s), in proper form prior to commencement of services.

**9.13 INDEMNIFICATION**

Contractor agrees to protect, defend, indemnify and hold Union County, its officers, employees and agents free and harmless from and against any and all losses, penalties, damages, settlements, costs, charges, professional fees or other expenses or liabilities of every kind and character arising out of or relating to any and all claims, liens, demands, obligations, actions, proceedings, or causes of action of every kind in connection with or arising out of this agreement and/or the performance hereof that are due, in whole or in part, to the negligence of the Contractor, its officers, employees, subcontractors or agents. Contractor further agrees to investigate, handle, respond to, provide defense for, and defend the same at its sole expense and agrees to bear all other costs and expenses related thereto.





## 10 APPENDIX A - PROPOSAL SUBMISSION FORM

RFP 2021-040 Detention Center and Court Inmate Integrated Security Controls

*This Proposal is submitted by:*

Company Legal Name: \_\_\_\_\_

Representative Name: \_\_\_\_\_

Representative Signature: \_\_\_\_\_

Representative Title: \_\_\_\_\_

Address: \_\_\_\_\_

City/State/Zip: \_\_\_\_\_

Email Address: \_\_\_\_\_

Phone Number: \_\_\_\_\_

Website Address: \_\_\_\_\_

**It is understood that Union County reserves the right to reject any and all proposals, to make awards according to the best interest of the County, to waive formalities, technicalities, to recover and re-advertise this project. Proposal is valid for 180 days. Proposal is submitted by an executive of the company that has authority to contract with Union County, NC.**

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_



## 11 APPENDIX B – ADDENDUM AND ANTI-COLLUSION

### RFP 2021-040 Detention Center and Court Inmate Integrated Security Controls

Please acknowledge receipt of all addenda by including this form with your Proposal. Any questions or changes received will be posted as an addendum on [www.co.union.nc.us](http://www.co.union.nc.us) and/or [www.ips.state.nc.us](http://www.ips.state.nc.us). It is your responsibility to check for this information.

Addendum No.	Date Downloaded
_____	_____
_____	_____
_____	_____
_____	_____

**I certify that this proposal is made in good faith and without collusion with any other offeror or officer or employee of Union County.**

Company Name: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Email Address: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_





## 12 APPENDIX C – SAMPLE VENDOR PAYMENT NOTIFICATION

RFP 2021-040 Detention Center and Court Inmate Integrated Security Controls

**Informational Purposes Only - Do not submit with proposal.**

**ATTENTION: ACCOUNTS PAYABLE VENDORS**

As part of our Fraud Prevention Program, Union County now prefers two methods for payments to vendor accounts. These methods allow for faster and easier payments to vendors.

The first and preferred method available is to accept a VISA card payment from the County. If you accept payment via VISA, payment is made at the time of the transaction or upon receipt and approval of the invoice.

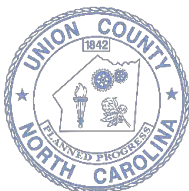
The second method is an Electronic Funds Transfer. (EFT) This means that you will receive payment of invoices due directly into your bank account. With this method, you will get an email confirmation giving you the date, invoice numbers, and total amount paid. Your payment will be available to you on Monday (or the first banking day if Monday is a bank holiday) following receipt of an approved invoice from the County department invoiced.

An EFT Enrollment Form to enroll in the program is attached for your convenience. You can also visit the Union County website at [www.unioncountync.gov](http://www.unioncountync.gov) at any time to get a new form if your banking information changes. If the banking information changes and you do not notify us, it will delay receipt of payment for invoices.

If you wish to receive payment via the County's VISA card, please contact Alex Whitaker at 704-283-3538 or Christi Climbingbear at 704-283-3543, or send an email to [alex.whitaker@unioncountync.gov](mailto:alex.whitaker@unioncountync.gov) and you will be added to the list of vendors accepting the VISA card method of payment.

Union County prefers all vendors participate in one of the two methods described above.

Thank you in advance for your participation.







Please return this completed form and supporting documents to:

Union County -Finance Office  
Suite 714, 7th Floor, 500 N. Main Street, Monroe NC 28112

Phone: (704) 283-3886 Fax: (704) 225-0664

Email: [ap@unioncountync.gov](mailto:ap@unioncountync.gov)

### Authorization for payment via Electronic Funds Transfer (EFT)

Initial Enrollment

Change Information

Today's Date \_\_\_\_\_

Company Name \_\_\_\_\_

Street Address \_\_\_\_\_

City, State, Zip \_\_\_\_\_

By signing below, I hereby authorize Union County to electronically deposit funds into the account indicated below. I understand that if my banking information changes and Union County is not made aware of this change, then payment may be delayed.

Bank Name \_\_\_\_\_

Address \_\_\_\_\_

City, State, Zip \_\_\_\_\_

Routing/ABA # \_\_\_\_\_ Bank Acct No. \_\_\_\_\_

**Payment Notification:** I hereby authorize the following individual to receive an email notification of payment details for all funds deposited to the above account by Union County.

Name & Title \_\_\_\_\_

Email Address \_\_\_\_\_

Phone Number \_\_\_\_\_

Officer Name & Title \_\_\_\_\_

Phone Number \_\_\_\_\_

Signature: \_\_\_\_\_

**FOR ACCOUNT VERIFICATION, PLEASE ATTACH A VOIDED CHECK.**

This authorization will remain in effect until Union County has received written notice to discontinue.

Print Form



## **13 APPENDIX D – NON-DISCLOSURE AGREEMENT**

### **RFP 2021-040 Detention Center and Court Inmate Integrated Security Controls**

Architectural Drawings of the Union County Jail Facility will be made available digitally. Vendors must complete and sign this Non-Disclosure Agreement and email to Vicky Watts, [vicky.watts@unioncountync.gov](mailto:vicky.watts@unioncountync.gov). Upon approval by the Sheriff's Office, a link to the drawings will be emailed to the Vendor.



# Eddie Cathey

## Sheriff of Union County

3344 Presson Road  
Monroe, North Carolina 28112



Telephone: (704) 283-3789  
Fax: (704) 292-2700

Email: [eddiecathey@unioncountync.gov](mailto:eddiecathey@unioncountync.gov)

### Contract Bidder Non-Disclosure Agreement

This Agreement is entered into this \_\_\_ day of \_\_\_\_\_, 20\_\_ by and between \_\_\_\_\_, who wishes to submit a bid to perform services for the Union County Sheriff's Office, (hereinafter "Contract Bidder") and Sheriff Eddie Cathey of the Union County Sheriff's Office (hereinafter "Union County Sheriff's Office").

WHEREAS, the Contract Bidder believes and represents in good faith that it needs access to certain records, documents, papers, or other information in the possession of the Union County Sheriff's Office in order to make an informed and accurate bid on work to be performed for the Union County Sheriff's Office; and,

WHEREAS, the Union County Sheriff's Office wishes to provide Contract Bidder with an opportunity to make an informed bid; and,

WHEREAS, the information sought by the Contract Bidder is architectural drawings of the Union County Detention Center, which are confidential and protected from disclosure pursuant to N.C. Gen. Stat. § 132-1.7; and,

WHEREAS, the Union County Sheriff's Office cannot permit the Contract Bidder to see or otherwise review architectural plans for the Union County Detention Center unless the Contract Bidder is able to provide adequate protections for the plans; and,

NOW, THEREFORE, the parties agree as follows:

1. Both parties agree that the opportunity to make a competitive bid based on adequate information constitutes valuable consideration.
2. Both parties agree that providing access to architectural drawings of the Union County Detention Center is essential to Contract Bidder being able to make a competitive bid.
3. Contract Bidder agrees not to use architectural drawings of the Union County Detention Center in any way, except for the purpose of making a competitive bid to perform work on the Union County Detention Center.
4. Contract Bidder agrees to prevent and protect architectural drawings of the Union County Detention Center from disclosure to any person other than an employee of the Union County Sheriff.

5. Contract Bidder agrees to take all steps reasonably necessary to protect the secrecy of the architectural drawings of the Union County Detention Center, and to prevent the architectural drawings of the Union County Detention Center from falling into the public domain or into the possession of unauthorized persons.
6. Contract Bidder agrees to hold harmless, and defend the Union County Sheriff's Office, including the imposition of any compensatory, punitive, special, consequential, or other damages, including awarded attorneys' fees for any disclosure of architectural drawings of the Union County Detention Center that results from the willful, intentional, reckless, or negligent disclosure of architectural drawings of the Union County Detention Center by the Contract Bidder.
7. Any sub-contractor or other person that Contract Bidder believes needs to review or otherwise see the architectural drawings of the Union County Detention Center, must also execute a non-disclosure agreement with the Union County Sheriff's Office before the sub-contractor may have access to the architectural drawings of the Union County Detention Center.
8. At the conclusion of the bidding process, the Contract Bidder shall return any and all copies of the architectural drawings of the Union County Detention Center to the Union County Sheriff's Office.
9. Unauthorized disclosure of the architectural drawings of the Union County Detention Center or the failure to return the architectural drawings of the Union County Detention Center after the Contract Bidder has completed his/her/its bid shall be a material breach of this agreement.
10. Each day that the Contract Bidder fails to return the plans after making the bid or otherwise receiving notice from the Union County Sheriff's Office to return the architectural drawings of the Union County Detention Center shall be deemed a separate and independent material breach of this agreement.
11. In the event of any material breach of this agreement, the parties agree that the damages to the Sheriff's Office will be difficult to compute, therefore the parties agree that the Sheriff's Office will be entitled to collect liquidated damages from Contract Bidder in the amount of \$25,000.00 for any breach of this agreement unless higher actual compensatory damages are established.
12. Any litigation resulting from this Agreement shall be conducted in the Superior Court of the North Carolina General Court of Justice, located in the venue of Union County, North Carolina.
13. North Carolina law shall govern this Agreement without reference to any other choice of law provision in contract or law.
14. Any person who signs this agreement represents that he or she has the authority to sign on behalf of its entity and is in no way acting *ultra vires*.



15. This Agreement shall be binding upon, inure to the benefit of, and be enforceable by the Union County Sheriff's Office, its successors, and assigns.

IN WITNESS WHEREOF, the parties have executed this agreement effective as of the date first written above.

Union County Sheriff's Office \_\_\_\_\_:  
(Insert Name of Company)

By: \_\_\_\_\_  
Eddie Cathey Signature

Sheriff of Union County Its: \_\_\_\_\_  
Title

\_\_\_\_\_ Printed Name of Signer  
Date

\_\_\_\_\_ Date

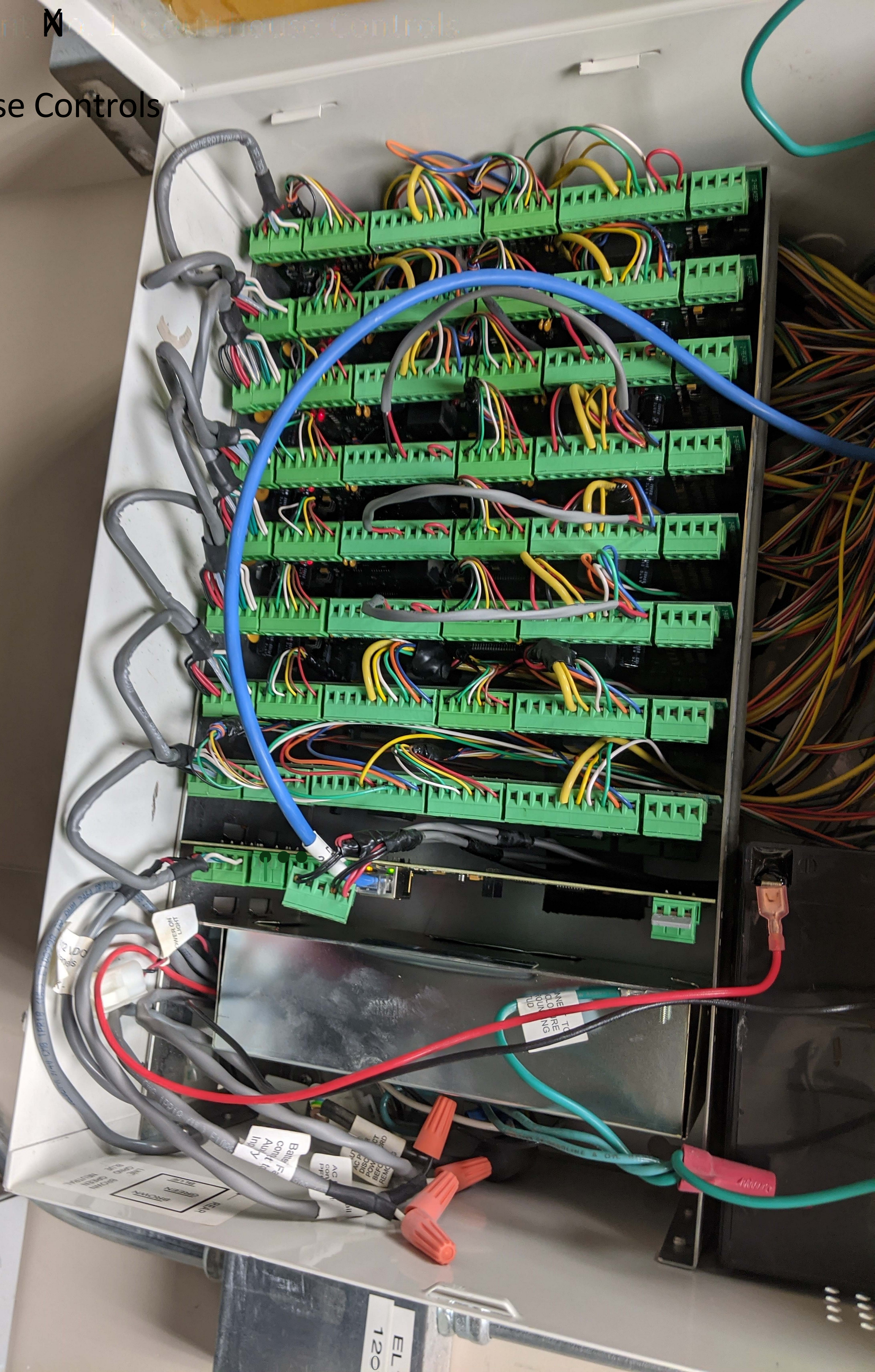


## **14 APPENDIX E – PHOTOGRAPHS**

**RFP 2021-040 Detention Center and Court Inmate Integrated Security Controls**



# Courthouse Controls





**Key:** Mogul  
**Door:** Swinging  
**Security Level:** Medium/Maximum

# 120E DEADLATCH

## Description

Series 120E Deadlatches are pin tumbler, solenoid-operated locks for swinging doors. Specify keying as follows:

- 121 Keyed case side
- 122 Keyed cover side
- 126 Keyed both sides

## Applications

Series 120E Deadlatches are suited for medium or maximum security application including cell doors, sallyport or egress doors, corridor or entrance doors. Sensitive administration areas of an institution may also warrant 120 Series locks. These jamb-mounted locks are designed to be part of an electrical system with remote operation and monitoring to provide supervisory personnel with optimum protection and flexibility.

## Operation

**Standard (1):** Series 120E locks unlock when the solenoid is energized by a momentary-contact switch. Once unlocked, the latchbolt is held mechanically retracted until the door is opened. It then extends automatically.

**Without latchback (1a) 04 one switch; 05 two switches:** Once unlocked, the latchbolt is held retracted as long as the solenoid is energized. A maintained contact switch may be used to keep the latchbolt retracted for an extended period of time.

**Knob release(2):** 120E Deadlatches may be specified with knob release on one side, where the knob is always active. Knob may be mounted on the case side, or the cover side.

**Key holdback (3):** When unlocked by key, the deadlatch remains retracted until relocked by turning the key in the opposite direction. Available one side only. For locks keyed both sides, available cover side only.

Note: Key cylinders for locks with key holdback feature must be installed at the factory. This function is not UL Listed for Fire Doors.

## Testing

120E Series Deadlatches and Maxi-Mogul® Key Cylinders have been tested to 1,000,000 operations.

## Standards Compliance

Series 120E locks are UL Listed as Burglary-Resistant Mechanisms and Fire Door Accessories to a three-hour rating. Maxi-Mogul® Key Cylinders meet UL437 requirements.

ASTM F1577 Grade 1 - Impact

## Standard Features

- **Solenoid voltage** – 120 VAC
- **Superior durability** – Working parts of stainless steel afford greater strength and corrosion-resistance.
- **Standard lock size** – All models use the same size case, cover and mounting holes for simplified installation and frame preparation.
- **External two-piece plug connector** – All models install without cover removal. Simple plug-in connection to field wiring.



- **External mounting holes** – Easy installation eliminates the need for cover removal.
- **Standard lock** – Mounts behind frame and does not require a faceplate.
- **1" throw latchbolt** – Offers greater security. Each bolt is hardened to resist sawing. When latchbolt is engaged in strike, bevel is concealed to prevent picking.
- **Mechanical unlocking by key** – Specify Folger Adam Mogul cylinders, Maxi-Mogul® high security cylinders or other mogul cylinders.
- **Investment-cast stainless steel strike** – Furnished with four tamper-resistant screws.
- **Continuous-duty solenoid** – For instant action.
- **Finish** – Zinc plated case and cover.

For more information, please call 210.533.1231.





**Key:** Mogul  
**Door:** Swinging  
**Security Level:** Medium/Maximum

# 120E DEADLATCH

## Optional Features

- **Optional solenoid voltage** – 230 VAC, 60Hz.
- **Faceplate** – US32D finish.
- **Indication/auxiliary switches** – An indication switch monitors the deadlock lever indicating a deadlocked latchbolt. The auxiliary switch monitors the latchbolt for extended or retracted position.
- **Local electric key (LEK)** – A unique function which uses two types of keys for applications where inmates carry their own keys, but supervision is necessary. One key turns in one direction only and operates the lock electrically. The supervisory key turns in both directions to operate the lock electrically and mechanically. The electric operation may be cancelled from a central console or control point at any time via a three-position switch.

The Maxi-Mogul® Key Cylinder is uniquely suited for this high frequency operation, shown by cycle test of 1,000,000 operations.

LEK not available on any 120E-3 Series Locks.

- **Key Cylinder Extension** – When the lock is keyed on the stop side of the jamb, an extension eliminates the need for a special, recessed frame pocket. Specify E-3 for 3", E-4 for 4" or E-5 for 5".

The chart at right shows applicability of above options to all 120E Models.

For complete details, see How to Specify in this section.



## Specifications

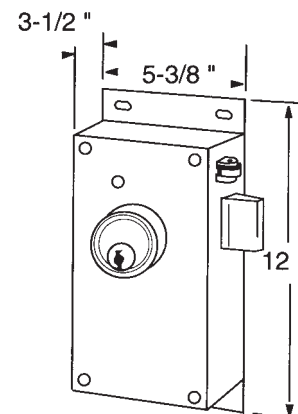
- **Case and cover** – 10 gauge steel.
- **Latchbolt** – Investment-cast stainless steel hardened, 1" throw.
- **Deadlock lever** – Stainless steel, adjustable for door gap variations.
- **Bolt opening** – Does not allow access to mechanism.
- **Roller bolt** – Investment-cast stainless steel with stainless steel roller.
- **Operating lever** – Stainless steel to operate with solenoid.
- **Strike** – Investment-cast stainless steel, attached with screws in two directions.
- **Solenoid** – 120 VAC continuous duty with stainless steel guides; 230VAC optional.
- **Springs** – Stainless steel.

## Electrical Characteristics

- **Solenoid voltages (120 VAC)** – 13 amps inrush - .75 amps seated.
- **Solenoid voltages (230 VAC)** – 6.6 amps inrush - .38 amps seated.
- **Switches** – SPDT, UL Listed, 15 amps @ 125 or 250 VAC.

## Dimensional Data

Note: Dimensions are for information and planning purposes only, and should not be used as templates.



MODEL NO.	OPERATION	LATCHBACK		OPERATIONAL SWITCHES			INDICATION SWITCHES		LEK AVAILABLE
		WITH	W/O	HOLDBACK	RELOCK	INT.	DEADLATCH	AUX	
120E-1-01	Standard (1)	X					X		Yes
120E-1-04	Standard (1a)		X				X		Yes
120E-1-07	Standard (1b)		X	X			X		Yes
120E-2-01	Knob Release (2)	X					X		Yes
120E-2-04	Knob Release (2a)		X				X		Yes
120E-2-07	Knob Release (2b)		X	X			X		Yes
120E-3-01	Key Holdback (3)	X					X		No
120E-3-04	Key Holdback (3a)		X				X		No
120E-3-07	Key Holdback (3b)		X	X			X		No



**Key:** Builders Hardware

**Door:** Swinging

**Security**

**Level:** Minimum/Medium

# NS400E

## SOLENOID-OPERATED DEADLATCHES

### Description

NS400E Series Deadlatches are pin tumbler, solenoid-operated locks for swinging doors. Specify builders hardware cylinders and keying as follows:

**NS402E & NS402EFS**

**Keyed one side**

**NS406E & NS406EFS**

**Keyed both sides**

Note: See optional features for factory or customer-supplied key cylinders. For models NS400E and NS400EFS, no cylinders are supplied.

### Applications

Specify for minimum/medium security swinging cell, corridor or administration areas of institutions with 2" wide hollow metal jamb construction.

### Operations

A remote switch is used to control the lock electrically, or it may be operated mechanically by builders hardware cylinder. These locks offer the convenience of remote, electric unlocking or locking and automatic deadlocking when the door is closed.

### Fail-Safe Models

**Unlock when solenoid is de-energized (1):** by switch or power failure, and the latch remains retracted while the door is open. Upon closure, with power restored, the latchbolt extends and deadlocks.

### Non-Fail-Safe Models

**Unlock when solenoid is energized (1):** by a momentary-contact switch. Latchbolt remains retracted mechanically

until the door is opened. Upon closure, the latchbolt extends automatically (mechanical latchback).

**Unlock when solenoid is energized (2):** by a momentary-contact switch. Latchbolt is electrically held retracted only as long as control switch is tripped (no mechanical latchback). The door must be opened while control switch is in the unlocked position. Upon closure, the latchbolt deadlocks automatically. Continuous-duty feature is standard to hold bolt retracted for extended periods (no latchback, continuous-duty power modulator).

**Unlock when solenoid is energized (3):** by a momentary-contact switch. Latchbolt is held electrically retracted until door is opened, then it extends automatically (electric holdback).

### Standards Compliance

- **All deadlatch models UL1034** – Burglary-resistant electric deadbolts.
- **Non-fail-safe models, UL10B** – Electrically controlled single point locks or latches, three-hour rating, A label.
- **ASTM F-1577** Grade 1 Impact

### Standard Features

- **Instant solenoid actuation** – Heavy duty solenoid provides fast, audible latchbolt operation.
- **Fail-safe model operation** – Solenoid holds latchbolt extended and deadlocked.
- **Compact size** – Designed for hollow metal frames with standard 2" face.



- **Power modulator** – Allows solenoid models to operate on either 24VAC or 24VDC - reduces power consumption. UL listed and patented (Pat. No. 4,797,779).
- **Two-piece, twelve-pin plug connector** – Simplifies wiring, allows pre-wiring of the lock opening.
- **Heavy duty lock mechanism** – Designed with heavy duty, corrosion-resistant working parts tested over 1,000,000 cycles.
- **Stainless steel strike** – Angled lip-type, furnished with tamper-resistant screws. Requires less force to close and lock the door.
- **Mechanical latchback (Model NS400E-01)** – Holds latchbolt retracted until door opens. Not available in fail-safe models.
- **Mechanical unlocking by key** – Offers manual control at the door in event of power failure or at any other time.
- **Stainless steel latchbolt** – 3/4" throw, hardened to resist sawing.

For more information, please call 210.533.1231.





**Key:** Builders Hardware  
**Door:** Swinging  
**Security Level:** Minimum/Medium

# NS400E

## SOLENOID-OPERATED DEADLATCHES

- **Holdback switch (Models NS400EFS, NS400E with electrical holdback)** – Maintains electrical holdback. Requires a relay in the central control console.
- **Finish** – US32D satin stainless steel.
- **Indication switch** – An internal switch to monitor the positions of the deadlock actuator. Signals deadlocked condition.

### Optional Features

- **Builders hardware cylinders** – High security six-pin tumbler cylinder may be specified. Special keying requests will be accommodated, if possible.

NOTE: Customer-supplied key cylinders may be used to adapt NS400 Series locks to a specific keying system. These cylinders must have:

- 1-5/32" diameter, full bar stock bodies.
- 1-1/8" length, including cam.
- Standard, removable Yale-type cam.

Cylinders and all keys should be sent to Southern Folger Detention Equipment Company and are required with cylinder extenders.

- **Local electric key (LEK)** – Inmate key operates lock electrically. Staff keys always operate the lock manually and can operate it electrically. Feature is enabled or canceled from a remote control console.

NOTE: When key cylinders for LEK are supplied by customer, contact factory before ordering or sending cylinders.

- **Inmate push button** – Allows operation of the lock from inside the room or cell. May be canceled from central control console. A double-pole, double-throw switch is available for additional functions.

- **Key cylinder extension** – Required when lock is keyed on the stop side of the door frame. Five standard lengths are offered:

Jamb Size	Cylinder Extension
4-1/2" – 5"	4-3/4"
5" – 6"	5-3/4"
6" – 7"	6-3/4"
7" – 8"	7-3/4"
8" – 9"	8-3/4"

NOTE: Please specify appropriate cylinder extension length when ordering. Special lengths may be provided for other jamb thicknesses. Contact factory for pricing and availability.

- **Finish** – Key Cylinder: US26D

### Specifications

- **Lock case** – Investment-cast stainless steel.
- **Latchbolt** – Investment-cast stainless steel hardened.
- **Latchbolt throw** – 3/4"
- **Operating lever** – Stainless steel.
- **Deadbolt lever/trigger bolt** – Investment-cast stainless steel.
- **Strike** – Stainless steel stamping, angled lip.

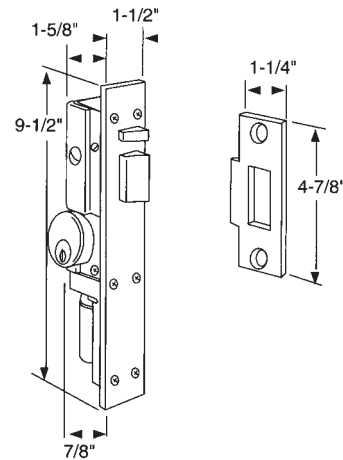
### Electrical Characteristics

- **Solenoid** – Tubular, continuous-duty power modulator.
- **Voltage** – 24 VAC or DC, 3.3 amps, 82 watts inrush; .25 amps 6 watts seated.
- **Indication switch** – SPDT, UL listed.
- **Switch rating** – 5 amp @ 125 or 250 VAC.

### Dimensional Data

Note: Dimensions are for information and planning purposes only, and should not be used as templates.

For complete details, see How to Specify in this section.



### Feature/Option Chart

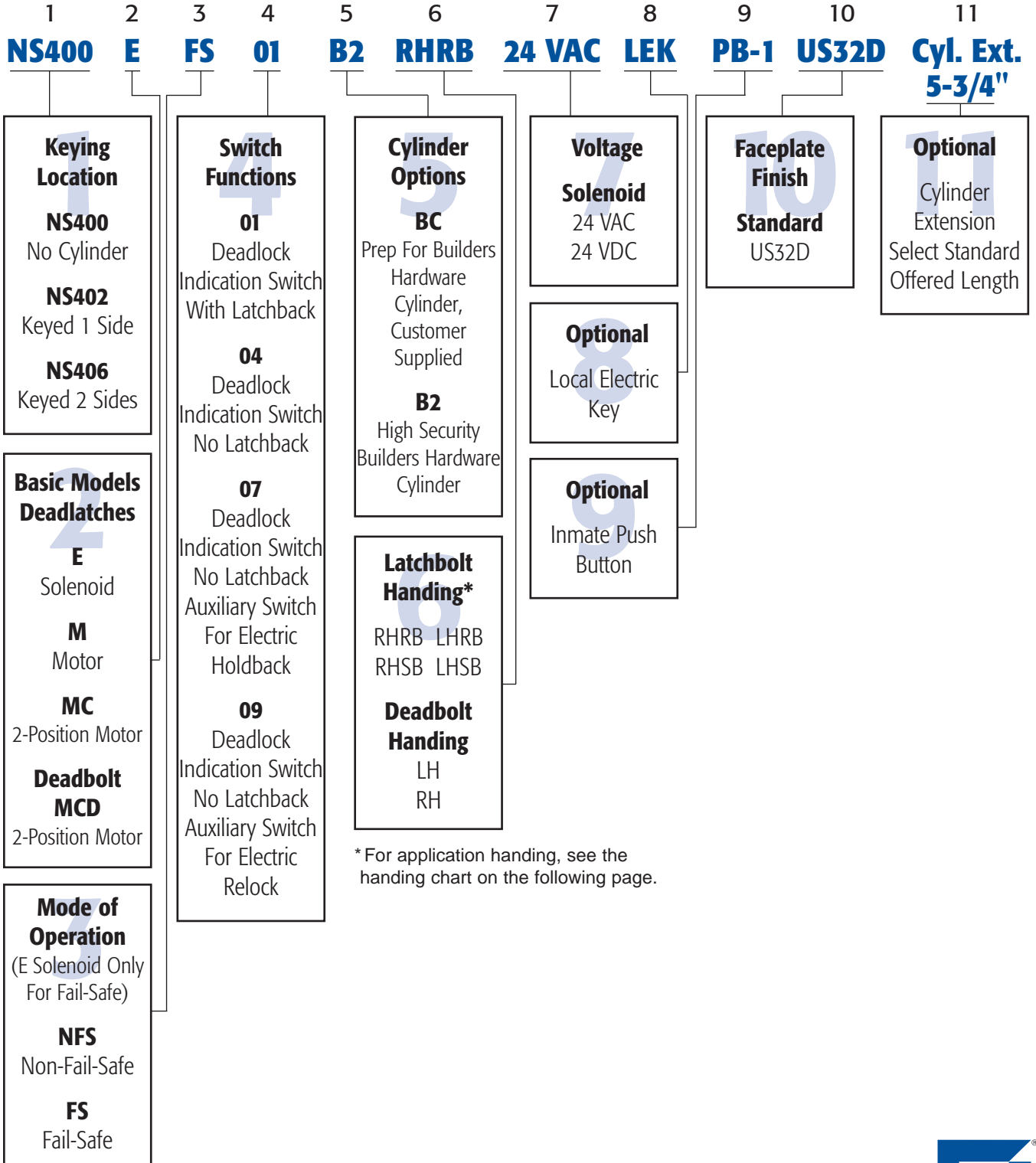
MODEL	OPERATION	INDICATION SWITCH	LATCHBACK			OPERATIONAL SWITCH HOLDBACK	LEK OPTION	CONTINUOUS DUTY MODULATOR
			WITH	WITHOUT	ELECTRIC			
NS400E-01	1	●	●				Available	Standard
NS400E-04	2	●		●			Available	Standard
NS400E-07	3	●			●	●	Available	Standard
NS400EFS-04	1	●		●		●	Available	Standard







# HOW TO SPECIFY NS400 SERIES LOCKS



\* For application handing, see the handing chart on the following page.

For more information, please call 210.533.1231.

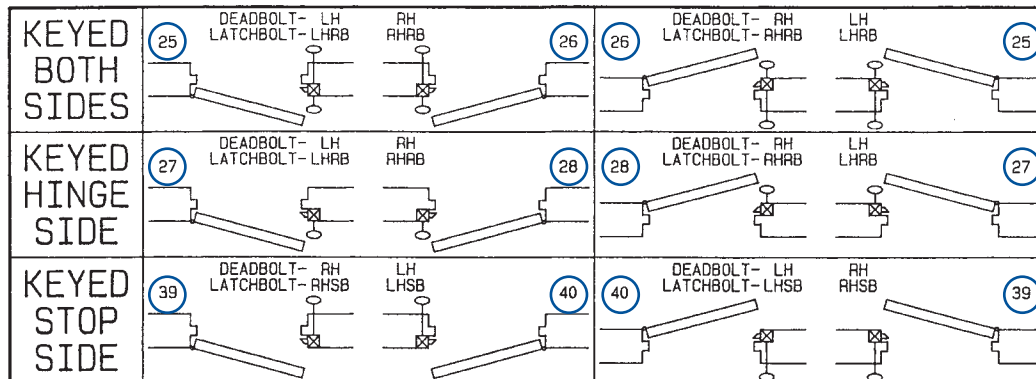






# HOW TO SPECIFY NS400 SERIES LOCKS

Specify circled swing number when ordering.



## LEGEND

- = INDICATES KEYED SIDE (OR SIDES)
- = HOLLOW METAL JAMB
- = SYMBOLIZES LATCHBOLT
- = SYMBOLIZES LOCK CASE



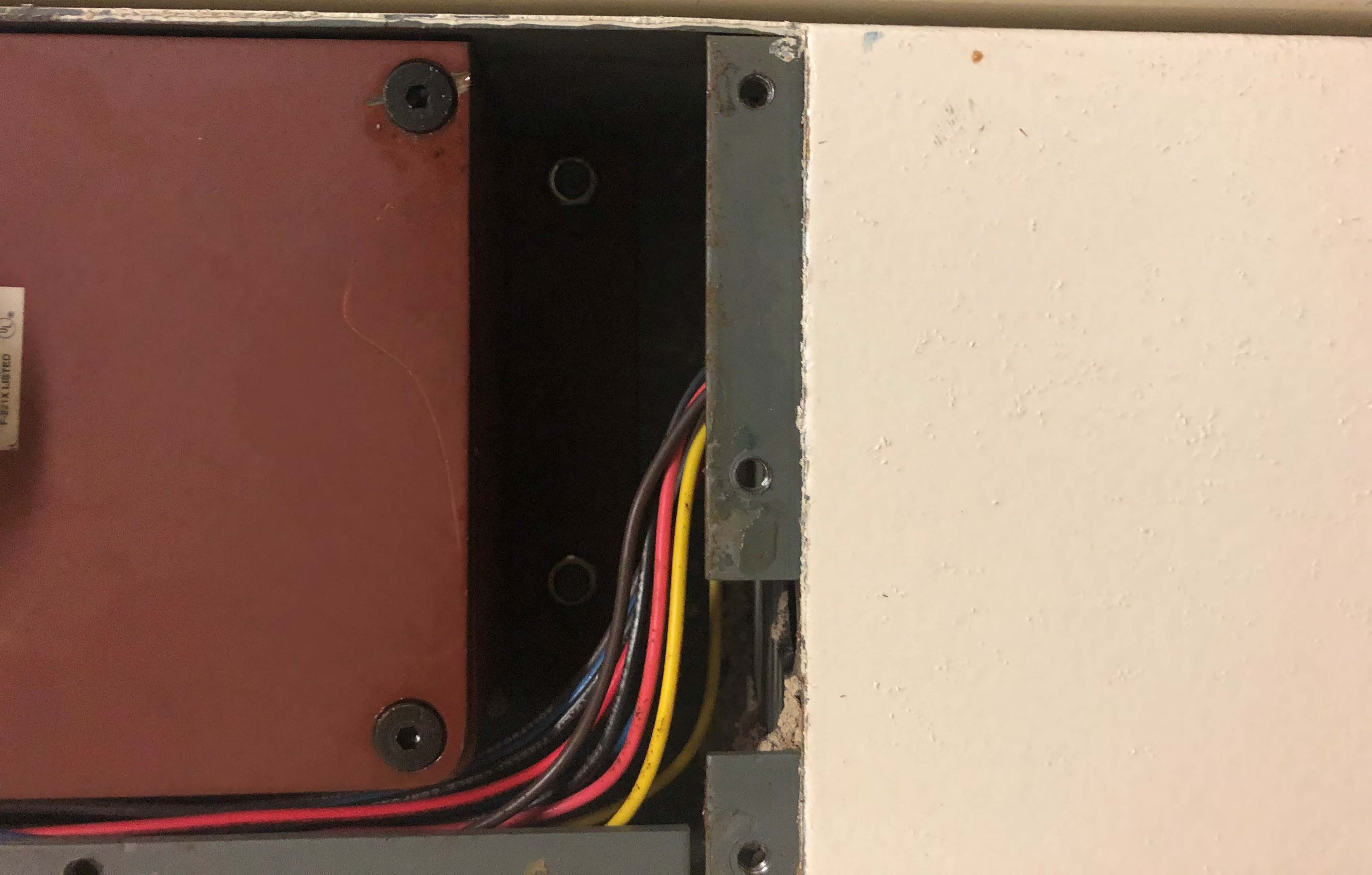


Hallway Lock No. 1





# Hallway Lock No. 2





# Hallway Lock No. 3





Standard Cell Door





Cell Door Lock





Cell Door Lock





Cell Door Cylinder



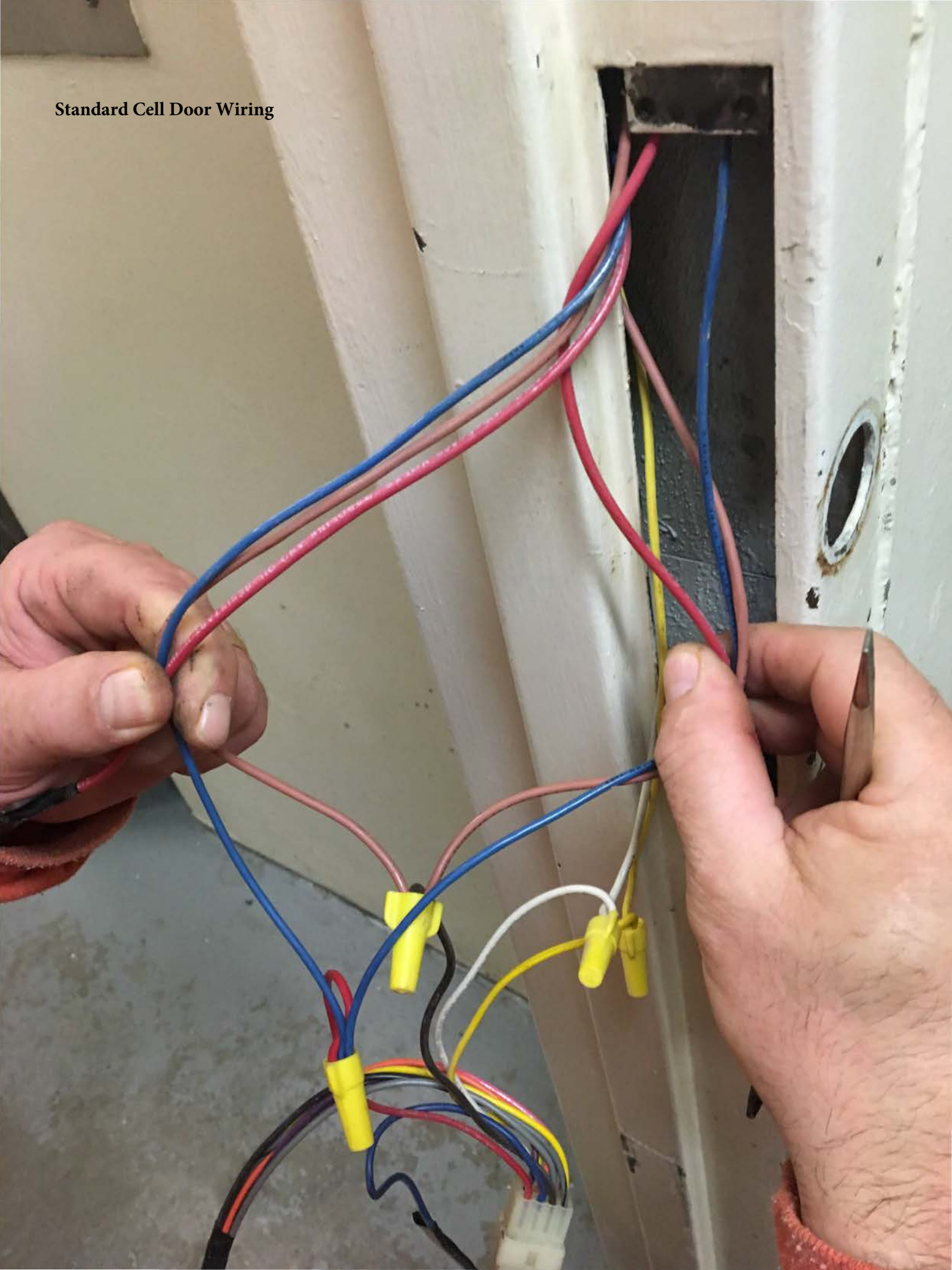


**Door Position Sensor Plate**



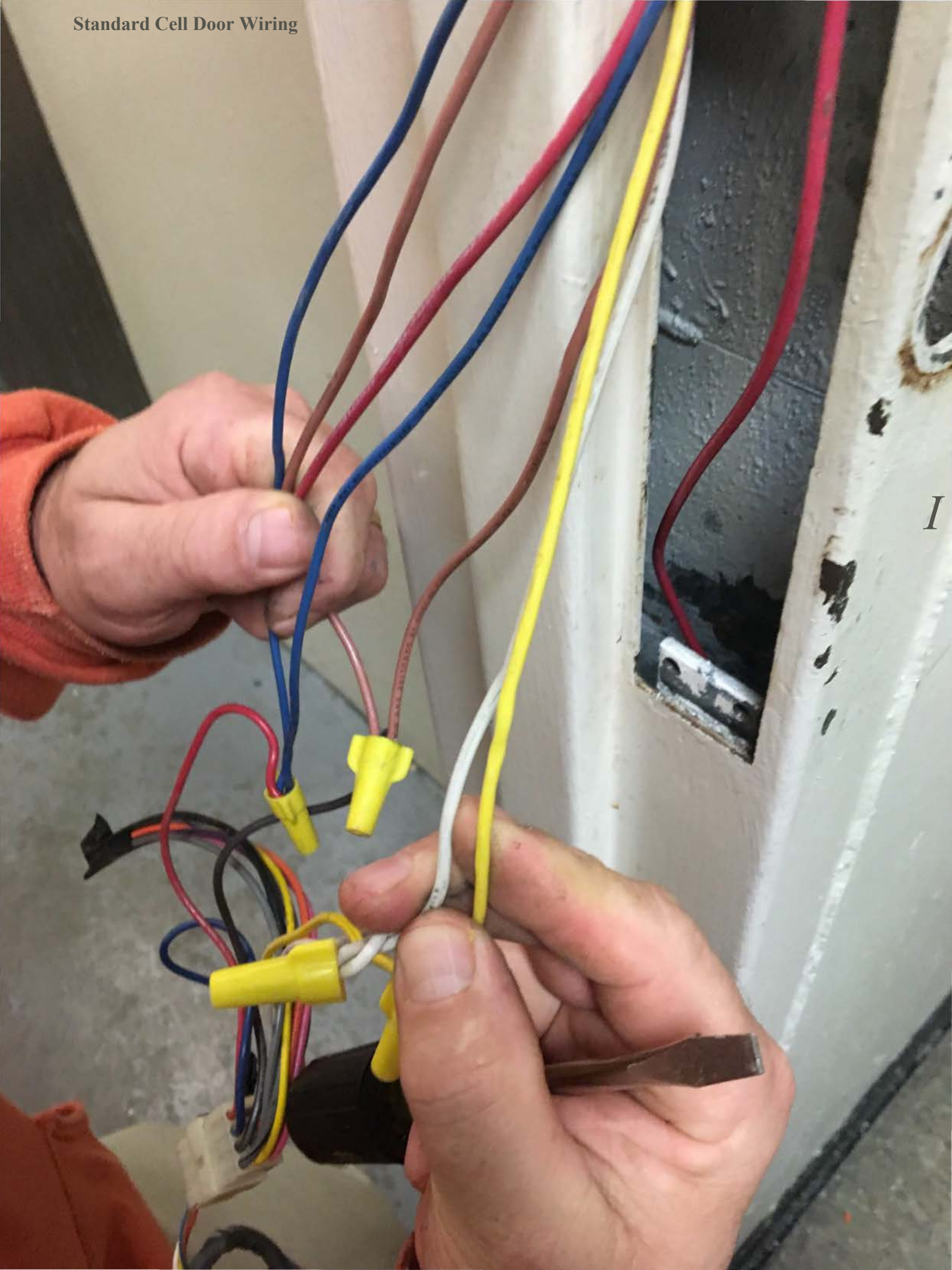


Standard Cell Door Wiring





Standard Cell Door Wiring



I



Standard Cell Door Wiring





# Cell Door Lock Name Plate

ELECTRIC LOCKS		FOLGER ADAM COMPANY • LEMONT, ILLINOIS, U.S.A.			
MODEL-OPERATION-FUNCTION	NS402E	-01	LEK	HAND LHRB	CYLINDER B
VOLTAGE	24VDC	CYL. EXTENSION			FINISH US320
AMPS (INRUSH/SEATED)	3.3/.25	KEY W.O.			
WATTS (INRUSH/SEATED)	82/6	BLDONO.			
DOOR NO.	Reference Material: • TEMPLATE: Drawing No. 092-0900 • INSTALLATION INSTRUCTIONS: Drawing No. 089-0900 • WIRING DIAGRAM: Drawing No. 091-0900 Patent No. 4,593,543				
W.O. NO.	0419312-1	DATE	390	108	





Cell Door Lock







# Door Control PLC





Door Control PLC



SERIES 90-30

PWR  
OK  
RUN  
BATT

HIGH CAPACITY  
POWER SUPPLY  
PROGRAMMABLE CONTROLLER

INPUT

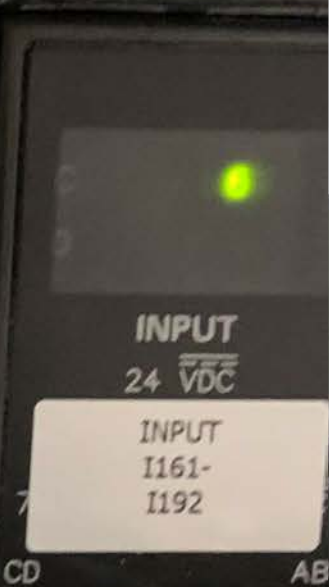
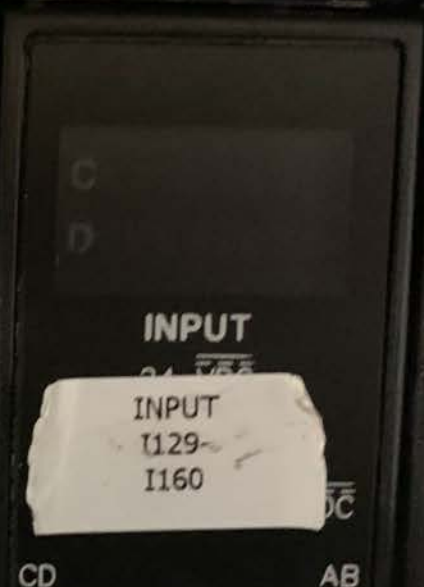
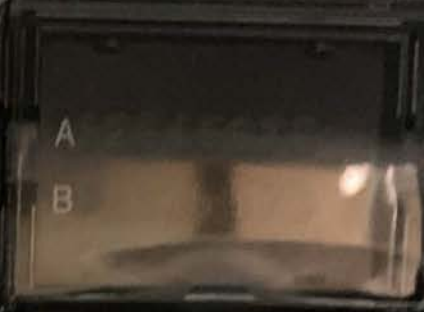
100-240 VAC  
50/60 HZ 100VA  
125VDC, 50W

TORQUE  
12 IN-LB.  
USE COPPER  
CONDUCTORS  
RATED FOR  
75 DEG. C  
ONLY.

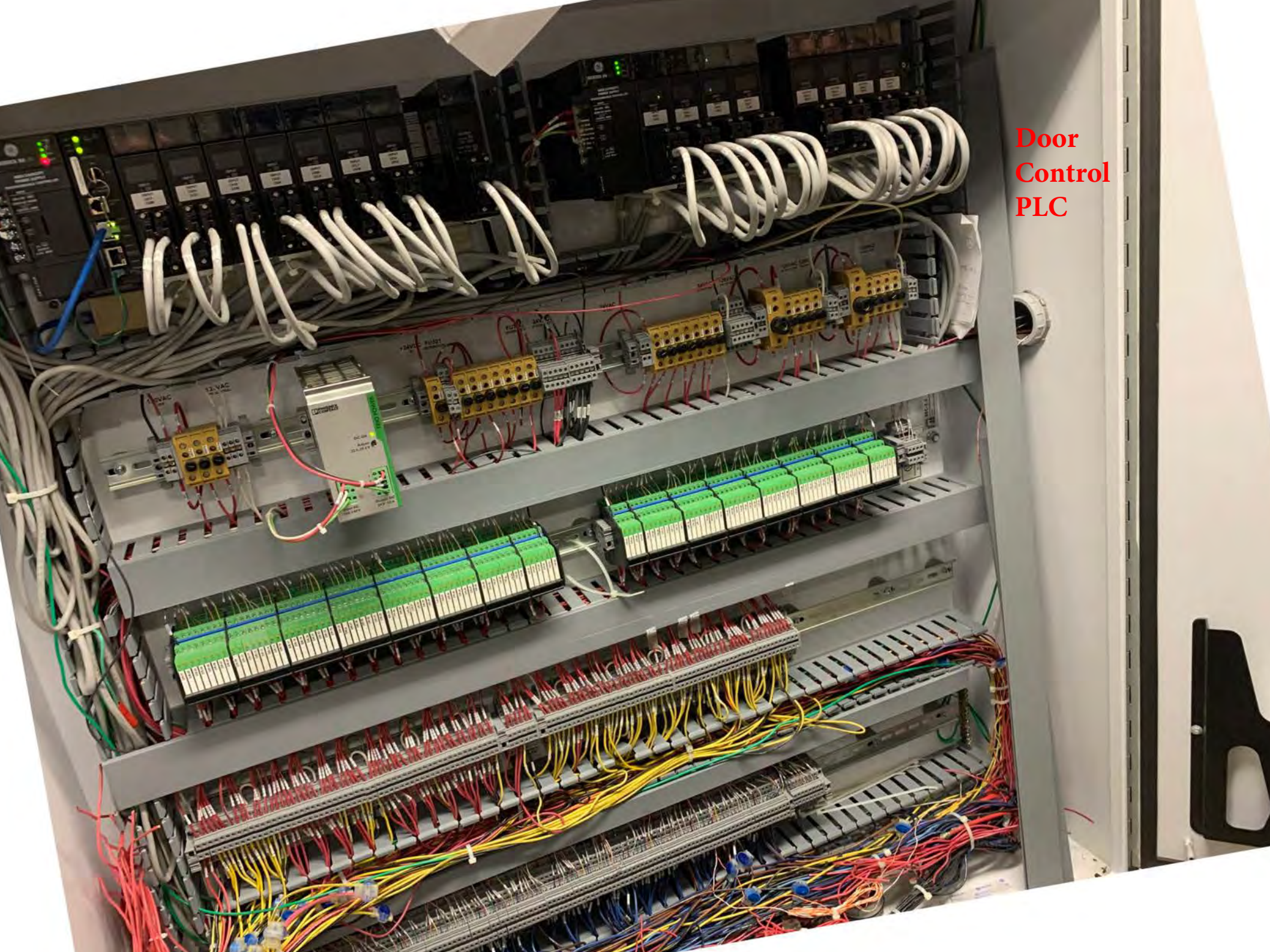


24 VDC  
OUTPUT  
0.8A MAX.

BATTERY







Door  
Control  
PLC



# Door Control PLC





Intercom Control Module

700

The image shows a vertical rack of six intercom control modules, labeled BU-1 through BU-6. Each module is a green printed circuit board (PCB) populated with numerous integrated circuits, resistors, and other electronic components. The modules are mounted on a metal frame with silver-colored front panels. Each module has a series of connectors and ports on its front face. The modules are arranged in a vertical stack, with BU-1 at the top and BU-6 at the bottom. The rack is housed in a black metal cabinet with a door that is open to the left.

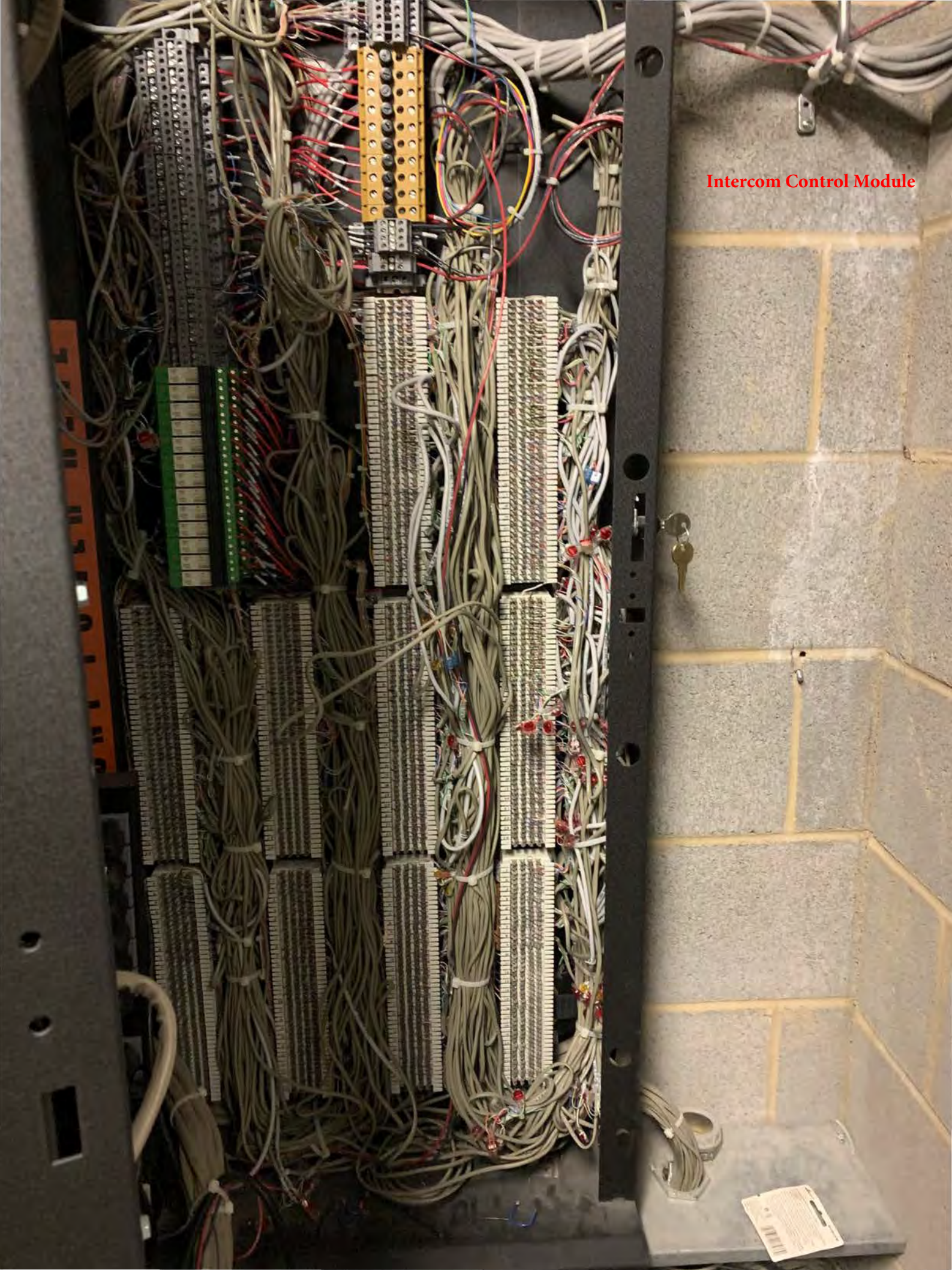
A black TOA 100W AMPLIFIER module is located at the bottom of the rack. It features five control knobs labeled AMP, LINE 1/2, LINE 3, LINE 4, and MUTE. To the right of the knobs, there are several indicator lights, including a blue power indicator light. The TOA logo and the text "100W AMPLIFIER" are visible on the front panel.

An instruction manual for the TOA MEKIN AMPLIFIER is placed on the bottom shelf of the rack. The manual is white with black text and a diagram. A green PCB component, similar to the ones in the modules above, is also visible on the shelf, along with some clear plastic bags containing other parts.

700



Intercom Control Module





Hallway Door

4x hr  
1  
3  
5  
6  
7

Master Control

NO.	NAME	STATUS	NO.	NAME	STATUS
<input type="checkbox"/>	1		<input type="checkbox"/>	1	
<input type="checkbox"/>	2		<input type="checkbox"/>	2	
<input type="checkbox"/>	3		<input type="checkbox"/>	3	
<input type="checkbox"/>	4		<input type="checkbox"/>	4	
<input type="checkbox"/>	5		<input type="checkbox"/>	5	
<input type="checkbox"/>	6		<input type="checkbox"/>	6	
<input type="checkbox"/>	7		<input type="checkbox"/>	7	





M

3112CJ

Cell Door





Cell Door Lock





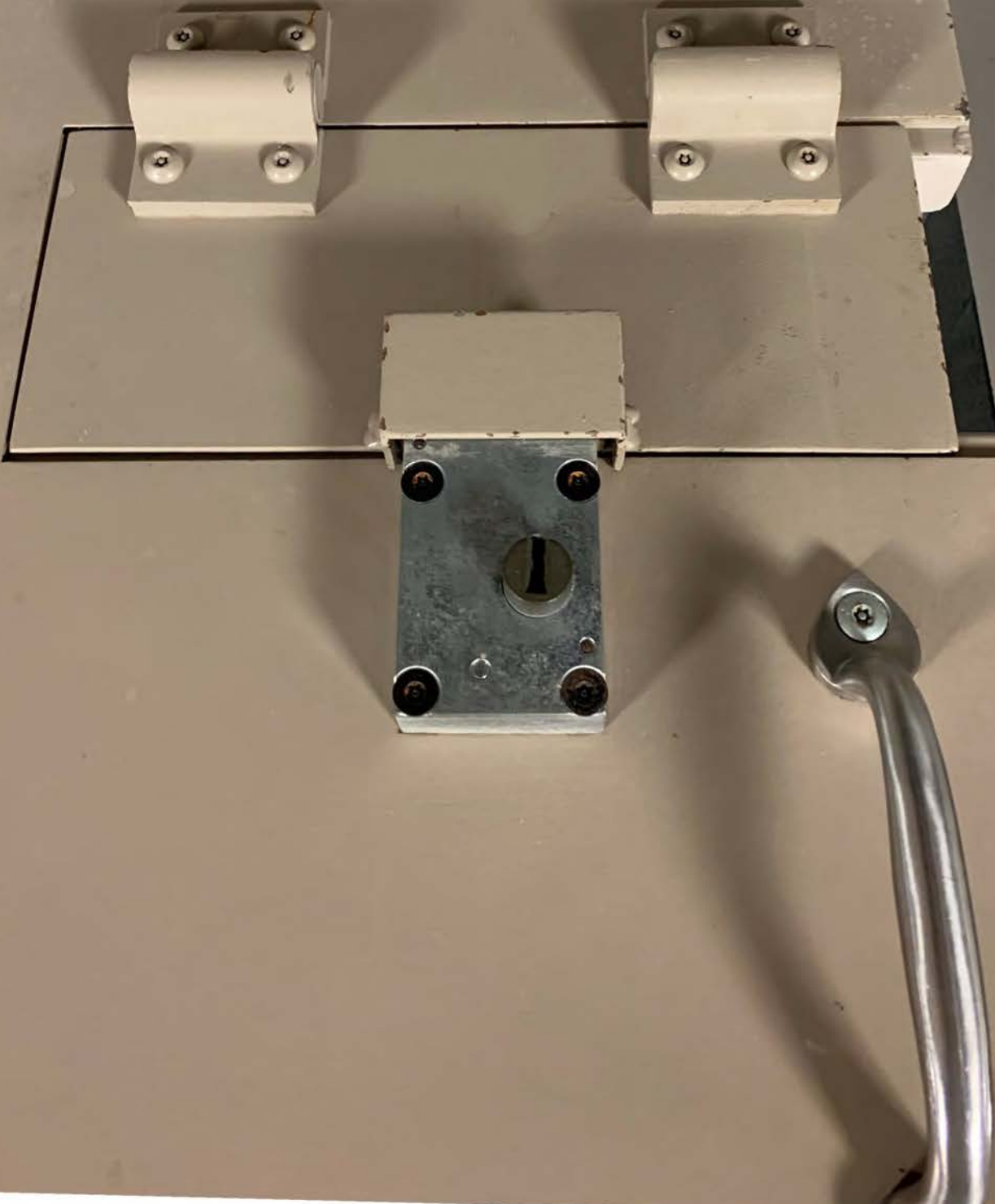
# Intake Cell Door No. 1

0032





# Intake Cell Door No. 2





# Intake Cell Door No. 3



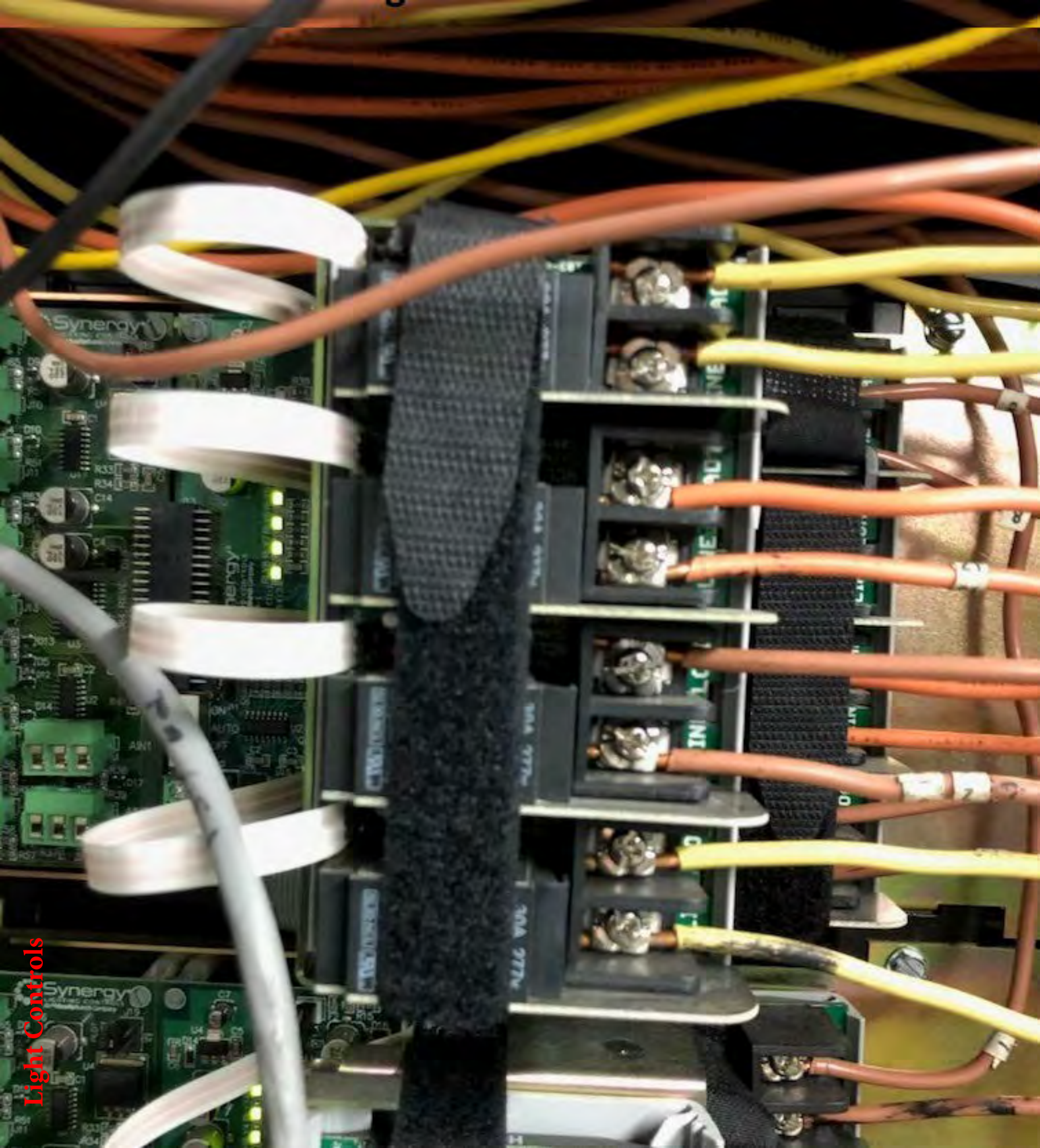
003



# Intake Hallway Door No. 2

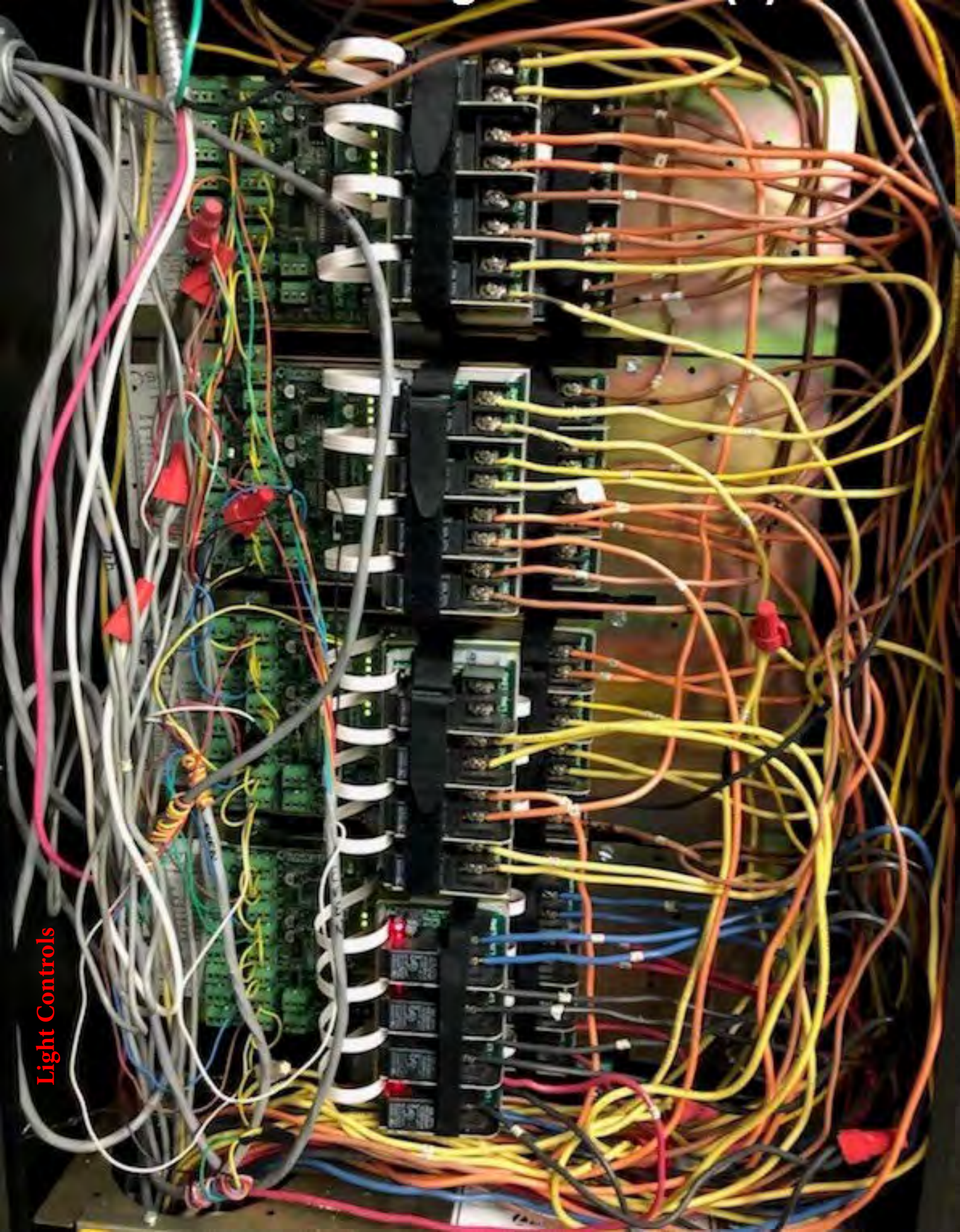






Light Controls





Light Controls



Light Controls

 Synergy<sup>®</sup>  
LIGHTING CONTROLS





# Phone Controls



RP-1  
Control Line Equipment  
The North Products

