

# NOTICE OF ADDENDUM #1

Request for Proposal No. 2023/24-02

## Detention Door Replacement

This one (1) page must be completed and submitted with all other documents in the Proposal Package

By signing this page and submitting a proposal, vendor hereby acknowledges that it/they have read and understand all terms, conditions, and requirements set forth in the Request for Proposal and the attached addendum #1. In addition, acknowledges the addenda(s) that have been issued.

### Offeror Information:

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

Print Name & Title: \_\_\_\_\_

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

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

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

Phone & Fax:

\_\_\_\_\_

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

**This needs to be submitted with the proposal for RFP**  
**2023/24.02**



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## ADDENDUM # One (01)

**DATE: 9/7/2023**

**ARCHITECT**  
**NCA Architects**  
**Albuquerque, NM**

**PROJECT**  
**Curry County Detention Center**  
**Door and Hardware Replacement**

**OWNER**  
**Laguna Development Corporation**  
**Albuquerque, NM**

This addendum forms a part of the Contract Documents and modifies the original specifications and drawings dated 2/7/2022. Acknowledge receipt of this addendum in the space provided in the Bid Form. Failure to do so may subject the bidder to disqualification.

### A. SPECIFICATIONS

1. SECTION 00-0200 – Pre Bid Conference:
  - a. The bid date shall be extended. Proposals shall be delivered as noted in the specifications RFP on or before 2:00 pm on September 26, 2023. All requirements for a responsive bid still apply.
  - b. Attached to this addendum is the Mandatory Pre-Bid sign in sheet. General contractors listed are the only general contractors allowed to bid on this project.
  - c. Replace Section 087160 Detention Hardware with attached 087161 Detention Door Hardware – Airteq System to match existing hardware system.

### B. DRAWINGS

1. Sheet AD-101 and AD-102 – First Floor Demolition Plan and Second Floor Demolition Plan
  - a. Keyed note #2 shall be changed to read “Locking mechanism and housing shall be removed and replace in its entirety.
  - b. Remove existing motors for sliders and replace with new motor as required. Verify existing motor requirements and install compatible motor for existing slider and control systems.
2. Sheet A-101 and A-102 – New First Floor Plan and New Second Floor Plan
  - a. The number of wires at existing sliding door locking devices is unknown. Contractor shall field verify number of wires at existing sliding door locking devices and notify Owner and Architect of out of the ordinary conditions.
  - b. Install new motor as required. Verify existing motor requirements and install compatible motor for existing slider and control systems.
  - c. Contractors must coordinate with existing PLC System (Cornerstone Electronics) for requirements for disconnecting and reconnecting security doors that are controlled through the existing PLC System. All locking system assemblies utilized on this project shall utilize the same exact functions at the at the PLC and touch screens with no additional programming on the PLC system.
  - d. Existing sliding device locking mechanism is fully remotely controlled to unlock, lock, and control movement of these sliding cell doors.
  - e. New sliding door locking mechanism and locks required for this renovation must match the existing Airteq locks and Airteq sliding door mechanism components that are currently installed in the Curry County Adult Detention Center.
  - f. It is acceptable, in lieu of attaching the new sliding device locking mechanism to the existing Manual Release Cabinet that functions as a remote means of manual release and an all release system, that the contractor only has to provide a local means of emergency release. This emergency release is accomplished by inserting a special tool in the port opening, located in the overhead housing cover front, for a local manual indirect unlocking of the individual sliding device locking mechanism.



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3. Sheet A-621 – Door and Frame Types, Glazing Types, and Door Schedule
  - a. The void in between 14 ga. steel sheets shall be filled completely with batt insulation for sound deadening.

C. SUBSTITUTION REQUESTS/ PRIOR APPROVALS

Based on data submitted to the Architect, prior to bid in accordance with Instructions to Bidders, substitution of equal products from the following manufacturers are allowed. Note, requests for substitution that are NOT made in accordance with Section 01630 - Product Substitution Procedures, shall NOT be considered.

- a. NONE

**END OF ADDENDUM 01**

**MANDATORY  
PRE-Bid CONFERENCE  
SIGN IN SHEET**

**Project: Curry County Detention Center**

**Door and Hardware Replacement**

**Date: 9/6/2023**

Name	Company	Phone	email
1 Ben Roberts	Curry County		broberts@currycounty.org
2 John Layman	NCA Architects, LLC	505.280.4632	jlayman@nca-architects.com
3 David Tidwell	Cornerstone Detention	256-214-1587	dtidwell@cornerstoneinc.com
4 Ray Morales	Access Communication	915-845-9772	rmorales@acgip.com
5 John Cantrell	Southern Folgor Contracting	559-201-3584	John@SouthernFolgorContracting
6 Nick Pitts	APIC Solutions	(505) 345-1381	npitts@apicnm.com
7 Melinda Crouch	Curry County	(505) 763-6016	mcrouch@currycounty.org
8 Troy Hall	Curry County	575-763-6016	thall@currycounty.org
9 Joe Alaniz	Curry County		JAlaniz@currycounty.org
10 Phillip Jones	Curry County	975-214-0269	PJones@currycounty.org
11 Ben Roberts	Curry County	763-6016	broberts@currycounty.org
12 Menssa Lujan	Curry County	763-1400	MLujan@currycounty.org
13 Jeff Whyman	A-Cor Contract	505-873-6561	Jeff.Whyman@A-Cor.com
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## SECTION 087163 DETENTION DOOR AND HARDWARE

### PART 1 GENERAL

#### 1.01. SECTION INCLUDES:

- A. Detention hardware and related components.
  - 1. Electronic interface.
  - 2. Provisions for detention steel doors and frames.

#### 1.02 RELATED DOCUMENTS

- A. Drawing and general provisions of the Contract, including General and Supplementary Conditions, apply to this Section.

#### 1.03 RELATED SECTIONS

- A. Division 01 General Requirements
- B. Division 01 Section 013513.16 Special Project Procedures for Detention Facilities
- C. Division 07 Joint Sealants
- D. Division 08 Section 08 3460 Detention Steel Doors and Frames
- E. Division 08 Section 08 8850 Security Glazing
- F. Division 08 Section 09 9123 Interior Painting

#### 1.04 REFERENCES

- A. American Correctional Association (ACA) – Standards for Correction Facilities.
- B. American Society of Mechanical Engineers (ASME).
- C. American Society of Testing and Materials (ASTM).
- D. ASTM F1577 Detention Locks for Swing Doors.
- E. ASTM F1643-95 Test Methods for Detention Sliding Door Locking Device Assembly.
- F. Builder's Hardware Manufacturer's Association (BHMA).
- G. Door and Hardware Institute (DHI).
- H. National Fire Protection Association (NFPA).
  - 1. NFPA 80 Fire Doors and Windows.
  - 2. NFPA 101 Life Safety Code.
- I. Underwriter's Laboratories, (UL) Inc.:
  - 1. UL 10B Fire Door Accessories.
  - 2. UL 1034 Burglary-Resistant Electric Locking.
  - 3. UL 437 Quality, Construction and Pick Resistance of Pin Cylinder.
  - 4. UL 643 Connectors and Switches for Low-Voltage Circuits.

- 5. UL 752 Bullet-Resisting Equipment
- F. National Electrical Code, latest edition, for internal electrical requirements for hardware.

1.05 SUBMITTALS:

- A. Make submittals in accordance with the requirements of Division 1 Section "Submittals" and Division 11 Section 11 19 00 "Basic Detention Equipment Requirements."
- B. Submit specifications, installation instructions and general recommendations for products as required, including locks, hinges, lock mount covers, bolt keepers, wall bumpers, weatherstripping, thresholds, escutcheons, etc.
- C. Hardware and Keying Schedules:
  - 1. General: Comply with requirements of Division 1.
  - 2. Product Data: Manufacturer's printed technical literature for products required by this Section.
  - 3. Security Hardware Schedule: Furnish in 8-1/2 inch x 11 inch or 11 inch x 17 inch format. Furnish a vertical listing of the hardware items used followed by manufacturer's name either on the cover sheet or immediately following the cover sheet; i.e. Hinges: (manufacturer's name). Schedule hardware items for each door separately in typed vertical form; list each door in numerical order under a separate heading using door number in door schedule. Security Hardware Schedule shall be kept current throughout the project. All hardware changes and/or revisions shall be submitted in the specified format for insertion in the proper location in the approved "Security Hardware Schedule". A new title page shall accompany the new sheet(s) with a revision number and date.
  - 4. Catalog Cuts: Incorporate manufacturer's product catalog cuts for each type of hardware required within the Security Hardware Schedule into the Security Hardware Schedule.
  - 5. Templates for Fabrication:
    - a. Incorporate manufacturer's templates for each type of detention equipment hardware required within the Security Hardware Schedule into the Security Hardware Schedule.
    - b. Incorporate wiring diagrams for all electrical devices provided herein, into the Security Hardware Schedule.
- E. Locking Device Shop Drawings:
  - 1. Incorporate locking device shop drawings into the Security Hardware Schedule.
  - 2. Indicate layout plans of each opening at 1/2" = 1'-0" minimum scale, show anchorage and accessory items, dimensions and finishes. Note: Complete housing module plans can be drawn at 1/4" = 1'-0" minimum, with typical enlarged plans.
  - 3. Indicate complete details of internal components of sliding door locking mechanisms located in transoms and jambs.
- F. Closeout Submittals - Furnish three copies of Operating/Maintenance Manuals including parts lists for security locks and locking devices.

1.06 SHOP DRAWING REVIEW SESSION:

- A. DEC shall review and comply with all of the requirements.

1.07 QUALITY ASSURANCE

- A. Throughout the specifications and drawings, types of materials may be specified by the manufacturer's name and catalog number in order to establish standards of quality and performance. If the bidder elects to substitute any other products, he must request the Architect's approval in writing no later than twenty-one (21) days prior to the bid date, and he must receive written approval by addendum. The following are requirements for approval for each type of product listed.

1. For each facility, list: name and location of installation, value of contract, scope of work provided, date of occupancy by Owner, Owner's representative to contact and telephone number, Construction Manager or General Contractor, and Architect. Indicate length of delivery after receipt of approved submittals.
2. Manufacturers Qualifications: Provide security equipment products from ho have been actively engaged in the production of security equipment for a minimum of ten (10) years in successfully completing projects of equal scope and magnitude with products as herein specified. This evidence shall consist of a list of ten (10) projects that have been complete and operational for a minimum of five (5). The manufacturer shall now be actively engaged in the design and manufacture of security locks, locking devices, furnishings and miscellaneous security hardware and products. All locks, locking devices and related security hardware shall be manufactured and supplied by the same manufacturer.
3. Five (5) copies of manufacturer's product specifications and catalog cut sheets and detail and performance data for each type product listed in this section.
4. Provide data substantiating that products being proposed for this project comply with the requirements stated herein. Provide detailed explanation of the differences of proposed products and the specified products.
5. List of projects under construction
6. List of completed projects
7. List of major suppliers

- B. Approved Detention Hardware Suppliers:

1. Airteq Locking Systems, Montgomery, AL

- C. DEC Sole Responsibility:

- D. General: Comply with pre-qualification requirements of Section 11 3516-Special Project Procedures.

1. Provide complete, operational, and functional security system, including door hardware, its electronic components, conduit and wiring from power supply panel boards, and requirements for products and materials specified in other related Sections.\

- E. DEC Firms: Acceptable and pre-qualified firms are listed in Section 11 3516-Special Project Procedures.
- F. Single Source: Provide locks, locking devices, and associated security hardware of same type and function produced by single manufacturer.

#### 1.08 PRODUCT HANDLING

- A. Comply with requirements of Division 01 Section 01 3516- Special Project Procedures for Detention Facilities.
- B. For products delivered to door manufacturer and for products delivered to project site, package each item of hardware separately in containers, complete with necessary fasteners, installation instructions and installation templates. Mark each container with item numbers, location of installation in accord with corresponding information shown on final hardware schedule.
- C. Store products at site to prevent damage or loss until installation is made.
- D. Control handling and installation of hardware products which are not immediately replaceable, so that the completion of work will not be delayed by hardware losses, both before and after installation.
- E. Deliver all keys in one shipment by secure carrier (hand carrier or registered mail) from manufacturer directly to authorized representative of the Owner, as directed by the Architect-Engineer. Include transmittal and forward copy of same to the Architect-Engineer.

#### 1.08 WARRANTY

- A. Comply with requirements of Division 1.
- B. Provide a two-year warranty.

#### 1.09 MAINTENANCE

- A. Provide spares in the quantities listed below for each hardware type:
  - 1. Locking Device I: Provide two complete sets of switches, motor assemblies and internal parts.
  - 2. Food Pass hardware: Two food pass door locks.
- B. Furnish, for institution use only, two complete sets of:
  - 1. Special tools required for locking device maintenance.





mounted guides are not acceptable. Provide guide assembly with minimum 1/2 inch continuous engagement of door bottom guide along its travel length.

- 1). Door Bottom Guide Length: Continuous length equal to clear door opening width plus minimum 4 inches extended beyond opening when door is in the closed position.
  - 2). Wall Guide Length: Matching length of door guide.
4. Locking Mechanism: Two-point rear vertical locking column, surface mounted with automatic mechanical deadlock. Maintain mechanical connection of vertical lock bar to lock mechanism, providing locking top and bottom at both open and closed door positions.
  5. Vertical Locking Column: Fabricated from minimum 10 gauge steel plate or minimum 1/8 inch thickness mild steel tube of size required to house lock bar.
  6. Receiver Jamb: Minimum 1/8 inch formed steel plate with legs each side to constrain side movement of closed door; continuous full height of opening.
  7. Front Release Column (Pilaster): Fabricated from minimum 10 gauge steel plate; size and configuration to house hip-high key locking mechanism. Provide for corridor and sallyport doors at locations indicated.
  8. Roller Track Assembly: Manufacturer's standard design integrated with roller track assembly.
  9. Door Hanger: Manufacturer's standard design integrated with roller track.
  10. Overhead Horizontal Mechanism Housing:
    - a. Housing Cover: Fabricated from minimum 10 gauge steel plate to enclose top, front, and bottom of door operator.
      - 1). Cell Function Devices: Flat top rectangular design with continuous hinged housing cover. Screw fastened covers are not acceptable for cells. Lock each housing cover at two corners with integral continuous interconnected bars or rods operated by the same means specified for local manual release of the door.
    - b. Back Plate (Track Box): Fabricate from minimum 7 gauge thickness steel plate.
    - c. Door Hanger Slot: Baffled in both the door open and door closed positions. Provide slot opening width not exceeding 1/4 inch.
    - d. Wire Tray: Provide in overhead housing continuous full length shelf for wiring, fabricated from minimum 1/16 inch steel plate.
    - e. End Closures: Provide minimum 7 gauge steel closure plates matching profile of housing assembly welded to ends at exposed locations where overhead housings are not continuous.
    - f. Continuous Housing: Provide matching profile continuous housing in-fills to conceal conduits, wiring, cables, and other operating devices. Secure covers in position with tamper-resistant (Torx) security screws, spaced at 16 inches on center and 4 inches from the corners.
      - 1). Cell Function Devices: Provide for each range of adjacent cell devices.
    - g. Cell Function Devices: Provide local manual release at each door as follows:

- 1). Emergency Release Port: Provide cell function locking devices with opening port in overhead housing cover front for local manual indirect unlocking of individual devices by insertion of special tool in port. To prevent uncontrolled access, equip port with a sliding closure plate to block or unblock the port opening.
  - (1). Hinges: Pair of Full Surface Weld-On Hinges or at Contractor's option as follows: Continuous steel hinge with minimum 3/32 inch thickness leaves and minimum 1/4 inch diameter stainless steel pin. Hinge pins shall be staked or fixed to prohibit removal. Conceal mount hinges with leaves stitch welded 1/2 inch at 4 inches on center to door and frame.
  - (2). Pull: Loop Pull or Recessed Flush Pull, cast stainless steel.
  - (3). Lock: Small Mechanical Deadlock with linkages providing minimum two point cover locking.
- c). Interior Control Panel Faceplate: Fabricate from minimum 1/8 inch sheet steel with gray hammertone finish; hinge to cabinet or console.
- h. Fire Rating: Up to three hours rating when tested in accordance with UL standard 10B or NFPA 252-95; bearing factory applied UL labels.
- i. Miscellaneous Components and Accessories:
  - 1). Door Bumpers: Provide rubber bumpers in overhead housing positioned to quiet and cushion the door.
  - 2). Door Skirt at Exterior Doors: Provide minimum 1/4 inch galvanized steel skirt attached to bottom edge of door to minimize undercut clearance.
  - 3). Accessories: Provide mounting hardware, fasteners, shims, and accessories, including miscellaneous steel angles, channels, and plates required for complete operable installation of sliding door locking devices.
- j. Finish on Steel Components: One coat rust-inhibitive primer compatible with required finish paint system; shop applied. Coordinate selection of metal primer with finish paint requirements specified in Painting section.
- k. Electrical Components:
  - 1). Wiring: Factory wired to a screw post terminal strip located within the housing above each door and with cable harness in accordance with applicable electrical code. Furnish with 16 AWG wire leads for field connections.
  - 2). Switches: Types required for function of locking device and for door status indication; UL Listed. Do not locate control logic components internal to locking device housings other than limit switches.
    - a). Provide limit switches rated for 5 to 15 amps. Magnetic

reed switches are not acceptable for either door control or indication.

- b). Provide devices with status switches for indication and interlocking. Provide status switches with the following indications:

- (1). Deadlocked Closed
- (2). Deadlocked Open

- 3). Motors: Manufacturer's standard; rated for continuous duty of operation and equipped with thermal overload protection, 120 VAC, 1/10 HP minimum.

11. Locking Device Operation:

a. Cell Function:

- 1). Unlock, open and lock open a 3'-0" door in not more than seven (7) seconds.  
Unlock, close and deadlock close a 3'-0" door in not more than seven (7) seconds.
- 2). Stop the movement of any door in mid-travel by applying approximately 40/45 lbs. of pressure on the door. Instantly reverse the direction of the door. In the event the door is blocked, the door shall automatically continue to the open or closed position when the obstruction is removed.
- 3). Normal force exerted by a door in travel is 40/45 lbs.
- 4). MotorGlide door suspension system utilizes silent, lifetime lubricated patented rollers which travel on a 1" diameter alloy steel track
- 5). Non-metallic door guide wear pads provide for smooth, silent operation
- 6). Side motion is limited to 1/16 inch or less, significantly reducing rattle induced noise
- 7). Hip-high key release with choice of mortise, mogul or paracentric key cylinder, providing local manual control
- 8). Door may be manually unlocked and slam-locked with automatic mechanical deadlocking
- 9). Internal door position and lock status switches provide for deadlocked closed and deadlocked open indication
- 10). Fail-secure (unlocks when energized)

**FEATURES**

- Hinged housing cover (specify HHC)

2.12 FINISHES:

	<u>U/S Symbol</u>	<u>ANSI Symbol</u>	<u>Description</u>
Hinges, Exterior	US32D	630	Satin Stnls Stl
Hinges, Interior	US26D	626	Satin Chrome
Locks & Pulls	US26D	626	Satin Chrome
Closers	AL	689	Aluminum Painted
Push, Kick	US32D	630	Satin Stnls Stl
Stops	US26D	626	Satin Chrome

2.14 KEY CABINET:

- A. Key control shall be furnished with a capacity of 1.75 times the number of individual key designations.
- B. Cabinets shall have concealed-type hinge and rounded sides.
- C. Panels must have individual hook and label pockets formed as an integral part of the panel, for mogul key types, as required.
- D. Keys shall not leave the manufacturer's custody without prior arrangements for delivery and authorization from the Owner.

2.16 DOOR AND HARDWARE SCHEDULE

- A. The hardware group/sets listed below indicate the items of hardware required for each opening. It is the bidder's responsibility to accurately furnish the proper sizes, quantities, weights, gage and function as required by these specifications and as recommended by manufacturers involved.

PART 3 EXECUTION

3.01. GENERAL

- A. Comply with requirements of Division 11 Section "Basic Detention Equipment Requirements."

3.02. INSTALLATION:

- A. Comply with requirements of Division 11 Section "Basic Detention Equipment Requirements."
- B. All shipping of detention equipment hardware and coordination with other detention equipment shall be the responsibility of the Detention Equipment Supplier.

3.03. FIELD QUALITY CONTROL

- A. Comply with requirements of Division 11 Section "Basic Detention Equipment Requirements."

3.04. ADJUSTMENT AND REPAIRING

- A. Comply with requirements of Division 11 Section "Basic Detention Equipment Requirements."

3.05. PROTECTION AND CLEANING

- A. Comply with requirements of Division 11 Section 11190, "Basic Detention Equipment Requirements."

3.06 SECURITY/COMMERCIAL HARDWARE SCHEDULE

- A. It is the intent, to have all door hardware, both security and non-security builders hardware, furnished and installed as part of the Detention Equipment Contract as follows:
- B. NOTE: Hardware supplier to develop all door functions (security and non-security) for all door hardware during the Shop Drawing submittal phase, per manufacturer's requirements.

HARDWARE SET #S-72C

HARDWARE SET S-72C (SLIDER CELL DOOR)					
UNIT	PART	CATALOG #	FINISH	MANUFACTURER	NOTES
1EA	SLIDER	7320xHHC	PRIME	AIRTEQ	#2, #3
1EA	RAISED PULL	612	US32D	AIRTEQ	
1EA	RECESSED PULL	614	US32D	AIRTEQ	
1EA	FP LOCK	5017xK1	ZINC	AIRTEQ	
1EA	CYLINDER	PARACENTRIC	BRZ	AIRTEQ	#1
2EA	FP HINGE	603FP	PRIME	AIRTEQ	#2

NOTES:

- #1 - COORDINATE KEYING WITH OWNER TO MATCH EXISING KEYING.
- #2 - MATCH ARCHITECTURAL DOOR FINISH
- #3 - FIELD VERIFY EXISTING WIRING FOR COMPATIBILITY

\*\*\* END OF SECTION \*\*\*

## **1. Section 08-3460 Detention Steel Doors and Frames**

2.1.A.5 Steel Door Industries (div. of Slate Security Systems), is changed to Claborn Manufacturing, Inc. .Cornerstone acquired this company in 2017 and rebranded them as Claborn Manufacturing, Inc.