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Addendum No. 2

Delaware Army National Guard
Stern Armory/Readiness Center – Interior Renovation (Re-Bid)
Wilmington, Delaware
OMB/DFM Contract No.: MC7601000098
DEARNG Contract No.:2018-08

Tt Project No. 200-76984-18002

Addendum No. 02 (Re-Bid)
to
Drawings and Project Manual
September 3, 2018

To: ALL BIDDERS

This ADDENDUM forms a part of the BIDDING AND CONTRACT DOCUMENTS and modifies the following documents:

Original DRAWINGS dated August 22, 2018
PROJECT MANUAL dated August 22, 2018

Acknowledge receipt of the ADDENDUM in the space provided on the FORM OF PROPOSAL

This ADDENDUM consists of two (2) pages and the following:

1.1 **GENERAL**

A. Critical Dates:

1. **Bid Due Date: as advertised: Friday, Sept. 7, 2018 by 2:00pm.**
2. Subs-access: Since the building is currently under construction it is open during business hours. Subs can visit the building during business hours. Please inform your subs that there are two active projects in progress both in the building and in the front of the building, and that they enter the building at their risk.

B. Cut off for questions and Substitutions: 8/31/18

C. This Project is governed by State of Delaware Wage Rates.

D. References to “DEARNG” is the Delaware Army National Guard

1.2 **PROJECT MANUAL MODIFICATIONS**

A. Spec Section 00 41 13 - Bid Form

1. **REPLACE** the Bid form with the attached version. The change is a clarification that the \$ 45,000 Allowance is an Alternate, and is not to be included in the Base Bid.

B. Section 08 71 00, Door Hardware

1. **REPLACE** Spec section 08 71 00 with the attached version in its entirety. Changes are highlighted in Italic and Red text.

1.3 **DRAWING MODIFICATIONS**

A. ED102 First Floor Lighting Plan Electrical Demolition Work

1. Main Entry Door (100A): **REMOVE** the existing exterior wall light fixture, (west of door) and prep for new fixture.

B. E-101 1st Floor Lighting Plan - Electrical New Work

1. Main Entry Door (100A): **PROVIDE** new wall mounted Light Fixture in the location of the removed light fixture – E-conolight SKU no. E-WW1L1 (<https://www.e-conolight.com/outdoor-lighting/wall-pack.html?store=default#4>). Provide photo cell controller and new wall switch in existing box in Foyer. Connect to circuit feeding the outlets in Office 103A.

C. M-001 Mechanical Legend, Abbrev, and Schedules:

D. M-101 Mechanical & Ductwork Plans – Detail 2 Enlarged Floor Plan Balancing New Work:

1. **CHANGE** the note for the exhaust fan that is adjacent to the entry door from EF-2 to EF-3.

1.4 **QUESTIONS/CLARIFICATIONS:**

- Q1 Can the Cement board specified to be laminated to the CMU in the Men’s Shower room walls be eliminated?
- A1 No – the Cement board will be required to provide a smooth surface for the wall tile. But in lieu in of Cement Board a thick set setting bed will be acceptable.
- Q2 6/A-601 says “jamb CMU alternates between existing units and new sash blocks.” Does this mean we are to cut out and replace every other jamb block, what is commonly called tothing in?
- A2 Yes – Doors in existing walls need to be toothed into the wall.
- Q3 Is 8” thick the intended thickness of the floor slabs in the Kitchenette/Gym (107 & 107a) and the Men’s showers (114).
- A3 That is correct: Since the actual thickness of the existing slabs is unknow DEARNG would like the project to “own” 8” thick slabs. If these slabs turn out to be a thinner thickness when they are cut open, than DEARNG will consider reducing the installed thickness to match the existing condition, with the understanding that the thinnest thickness shall be 4”. A credit will be worked out at the time that the thickness is confirmed.
- Q4 Please clarify if the \$45,000 is and Alternate (1) or an Allowance.
- A4 It is both, and it should be included in the base bid. Upon the final analysis of the bids DEARNG will determine if they

ATTACHMENTS

Revised Spec Section 00 41 13 - Bid Form
Revised Spec Section 08 71 00 – Door Hardware
Revised ASK-01

END OF ADDENDUM No. 2

J:\NER\76984\200-76984-18002\Construction\BidSupport\REBID Phase 3\Addendum No. 2\76984-18002 Stern Interiors FY18 - Addendum 2.doc

**DELAWARE ARMY NATIONAL GUARD
INTERIOR RENOVATIONS – FY18’ (RE-BID)
AT THE
STERN ARMORY/READINESS CENTER
1420 NEWPORT GAP PIKE
WILMINGTON, DE 19804
OMB/DFM PROJECT NO.: MC7601000098
DEARNG CONTRACT NO.: 2018-08**

ALLOWANCE CERTIFICATION

Allowance Certification No. 1:

We/I confirm that a Contingency allowance in the amount of \$15,000.00 has been included in the Contractor’s Base Bid price for use according to Owner’s direction.

\$ _____ (Date and Initial)

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BID FORM

I/We acknowledge Addendums numbered _____ and the price(s) submitted include any cost/schedule impact they may have.

This bid shall remain valid and cannot be withdrawn for thirty (30) days from the date of opening of bids (60 days for School Districts and Department of Education), and the undersigned shall abide by the Bid Security forfeiture provisions. Bid Security is attached to this Bid.

The Owner shall have the right to reject any or all bids, and to waive any informality or irregularity in any bid received.

This bid is based upon work being accomplished by the Sub-Contractors named on the list attached to this bid.

Should I/We be awarded this contract, I/We pledge to achieve substantial completion of all the work within **180** calendar days from the Notice to Proceed.

The undersigned represents and warrants that he has complied and shall comply with all requirements of local, state, and national laws; that no legal requirement has been or shall be violated in making or accepting this bid, in awarding the contract to him or in the prosecution of the work required; that the bid is legal and firm; that he has not, directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken action in restraint of free competitive bidding.

Upon receipt of written notice of the acceptance of this Bid, the Bidder shall, within twenty (20) calendar days, execute the agreement in the required form and deliver the Contract Bonds, and Insurance Certificates, required by the Contract Documents.

I am / We are an Individual / a Partnership / a Corporation

By _____ Trading as _____
(Individual's / General Partner's / Corporate Name)

(State of Corporation)

Business Address: _____

Witness: _____ By: _____
(SEAL) (Authorized Signature)

(Title)
Date: _____

ATTACHMENTS

- Sub-Contractor List
- Non-Collusion Statement
- Affidavit of Employee Drug Testing Program
- Bid Security
- (Others as Required by Project Manuals)

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BID FORM

SUBCONTRACTOR LIST

In accordance with Title 29, Chapter 6962 (d)(10)b Delaware Code, the following sub-contractor listing must accompany the bid submittal. The name and address of the sub-contractor **must be listed for each category** where the bidder intends to use a sub-contractor to perform that category of work. In order to provide full disclosure and acceptance of the bid by the *Owner*, **it is required that bidders list themselves as being the sub-contractor for all categories where he/she is qualified and intends to perform such work.** This form must be filled out completely with no additions or deletions.

<u>Subcontractor Category</u>	<u>Subcontractor</u>	<u>Address (City & State)</u>	<u>Subcontractors tax payer ID # or Delaware Business license #</u>
1. Mechanical	_____	_____	_____
2. Electrical	_____	_____	_____
5. Masonry	_____	_____	_____
6. Carpentry	_____	_____	_____
7. Plumbing	_____	_____	_____
8. Flooring	_____	_____	_____

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BID FORM

NON-COLLUSION STATEMENT

This is to certify that the undersigned bidder has neither directly nor indirectly, entered into any agreement, participated in any collusion or otherwise taken any action in restraint of free competitive bidding in connection with this proposal submitted this date to the State of Delaware, Delaware Army National Guard.

AFFIRMATION: Within the past five years, has your firm, any affiliate, any predecessor company or entity, owner, Director, officer, partner or proprietor been the subject of a Federal, State, Local government suspension or debarment?
YES _____ NO _____ If yes, please explain (use separate page and include with Bid Form.)

All the terms and conditions of *DEARNG CONTRACT NO. 2018-08 (RE-BID)* have been thoroughly examined and are understood.

NAME OF BIDDER: _____

AUTHORIZED REPRESENTATIVE (TYPED): _____

AUTHORIZED REPRESENTATIVE (SIGNATURE): _____

TITLE: _____

ADDRESS OF BIDDER: _____

EMAIL: _____

PHONE NUMBER: _____

Sworn to and Subscribed before me this _____ day of _____ 20____.

My Commission expires _____ . NOTARY PUBLIC _____.

THIS PAGE MUST BE SIGNED AND NOTARIZED FOR YOUR BID TO BE CONSIDERED.

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**AFFIDAVIT
OF
EMPLOYEE DRUG TESTING PROGRAM**

4104 Regulations for the Drug Testing of Contractor and Subcontractor Employees Working on Large Public Works Projects requires that Contractors and Subcontractors implement a program of mandatory drug testing for Employees who work on Large Public Works Contracts funded all or in part with public funds.

We hereby certify that we have in place or will implement during the entire term of the contract a Mandatory Drug Testing Program for our employees on the jobsite, including subcontractors that complies with this regulation:

Contractor/Subcontractor Name: _____

Contractor/Subcontractor Address: _____

Authorized Representative (typed or printed): _____

Authorized Representative (signature): _____

Title: _____

Sworn to and Subscribed before me this _____ day of _____ 20____.

My Commission expires _____. NOTARY PUBLIC _____.

THIS PAGE MUST BE SIGNED AND NOTARIZED FOR YOUR BID TO BE CONSIDERED.

SECTION 08 71 00

DOOR HARDWARE

Addendum 2 – Changes in *RED Italic* text

PART 1 - GENERAL

1.1 SUMMARY

A. Section Includes:

1. Mechanical door hardware for the following:
 - a. Swinging doors.

1.2 PREINSTALLATION MEETINGS

- A. Preinstallation Conference: Conduct conference at Project site.
- B. Keying Conference: Conduct conference at Project site.

1.3 ACTION SUBMITTALS

- A. Product Data: For each type of product.
- B. Shop Drawings: For electrified door hardware.
 1. Include diagrams for power, signal, and control wiring.
 2. Include details of interface of electrified door hardware and building safety and security systems.
- C. Samples: For each exposed product in each finish specified.
- D. Door hardware schedule.
- E. Keying schedule.

1.4 INFORMATIONAL SUBMITTALS

- A. Sample warranty.

1.5 CLOSEOUT SUBMITTALS

- A. Maintenance data.

1.6 QUALITY ASSURANCE

- A. Installer Qualifications: Supplier of products and an employer of workers trained and approved by product manufacturers and of an Architectural Hardware Consultant who is available during the course of the Work to consult Contractor, Architect, and Owner about door hardware and keying.
1. Scheduling Responsibility: Preparation of door hardware and keying schedule.
 2. Engineering Responsibility: Preparation of data for electrified door hardware, including Shop Drawings, based on testing and engineering analysis of manufacturer's standard units in assemblies similar to those indicated for this Project.
- B. Architectural Hardware Consultant Qualifications: A person who is experienced in providing consulting services for door hardware installations that are comparable in material, design, and extent to that indicated for this Project and who is currently certified by DHI as an Architectural Hardware Consultant (AHC).

1.7 WARRANTY

- A. Special Warranty: Manufacturer agrees to repair or replace components of door hardware that fail in materials or workmanship within specified warranty period.
1. Warranty Period: Three years from date of Substantial Completion unless otherwise indicated below:
 - a. Exit Devices: Three years from date of Substantial Completion.
 - b. Manual Closers: 10 years from date of Substantial Completion.

PART 2 - PRODUCTS

2.1 PERFORMANCE REQUIREMENTS

- A. Agency, and marked for intended location and application.
- B. Means of Egress Doors: Latches do not require more than 15 lbs to release the latch. Locks do not require use of a key, tool, or special knowledge for operation.
- C. Accessibility Requirements: For door hardware on doors in an accessible route, comply with the DOJ's "2010 ADA Standards for Accessible Design" and ICC A117.1.

2.2 SCHEDULED DOOR HARDWARE

- A. Provide products for each door that comply with requirements indicated in Part 2 and door hardware schedule.

1. Door hardware is scheduled on Drawings.

2.3 HINGES

- A. Hinges: BHMA A156.1, 5 Knuckle Concealed Ball Bearing
 1. Basis of Design: Stanley 5 knuckle concealed ball bearing: CB179, CB168 and CECB 179-12C as listed in hardware sets.
 2. Comparable products by Bommer and Hager will be acceptable.

2.4 MECHANICAL LOCKS AND LATCHES

- A. Lock Functions: As indicated in door hardware schedule.
- B. Lock Throw: Comply with testing requirements for length of bolts required for labeled fire doors, and as follows:
 1. Mortise Locks: Minimum 3/4-inch latchbolt throw.
 2. Deadbolts: Minimum 1-inch bolt throw.
- C. Lock Backset: 2-3/4 inches unless otherwise indicated.
- D. Lock Trim:
 1. Description: Lever x Rose
 2. Levers: Forged or Cast
 - a. BEST Locking: 14H
 3. Roses: Forged or Cast.
 4. Dummy Trim: Match lever lock trim and escutcheons.
- E. Strikes: Provide manufacturer's standard strike for each lock bolt or latchbolt complying with requirements indicated for applicable lock or latch and with strike box and curved lip extended to protect frame; finished to match lock or latch.
 1. Flat-Lip Strikes: For locks antifriction latchbolts, as recommended by manufacturer.
 2. Extra-Long-Lip Strikes: For locks used on frames with applied wood casing trim.
 3. Aluminum-Frame Strike Box: Manufacturer's special strike box fabricated for aluminum framing.
 4. Rabbet Front and Strike: Provide on locksets for rabbeted meeting stiles.
- F. Mortise Locks: BHMA A156.13; Operational Grade 1; stamped steel case with steel or brass parts; Series 1000.
 1. Basis of Design: BEST Locking model 45H Mortise Lock
 2. Comparable products by Schlage and Sargent will be acceptable

2.5 AUXILIARY LOCKS

- A. Mortise Auxiliary Locks: BHMA A156.36; Grade 1; with strike that suits frame.
 - 1. Basis of Design: BEST Locking model 48H

2.6 MANUAL FLUSH BOLTS

- A. Manual Flush Bolts: BHMA A156.16; minimum 3/4-inch throw; designed for mortising into door edge.
 - 1. Basis of Design: Trimco model 3917
 - 2. Comparable products by Burns Manufacturing and Door Controls International will be acceptable.

2.7 EXIT DEVICES

- A. Exit Devices: BHMA A156.3. Grade 1
 - 1. Basis of Design: Precision models 2800 series, ELR 2800 series, 2100 series, 671DR dummy touch bars.
 - 2. Comparable products by Von Duprin and Sargent will be acceptable.

2.8 LOCK CYLINDERS and CORES

- A. Standard Lock Cylinders: "BEST Standard Cores" (Dormakaba Holding), No substitutions. BHMA A156.5; Grade 1, face finished to match lockset.
 - 1. Core Type: Interchangeable
- B. Construction Cores: Provide construction cores that are replaceable by permanent cores. Provide 10 construction master keys.

2.9 KEYING

- A. Keying System: Factory registered, complying with guidelines in BHMA A156.28, appendix. Provide one extra key blank for each lock. Incorporate decisions made in keying conference.
 - 1. Grand Master Key System: Change keys, a master key, and a grand master key operate cylinders.
 - a. Provide three-cylinder change keys and five each of master and grand master keys.
 - 2. Existing System:
 - a. Master key or grand master key locks to Owner's existing system.
- B. Keys: Nickel silver.

1. Stamping: Permanently inscribe each key with a visual key control number and include the following notation:
 - a. Notation: "DO NOT DUPLICATE."

2.10 KEY CONTROL SYSTEM

- A. Key Control Cabinet: BHMA A156.28; metal cabinet with baked-enamel finish; containing key-holding hooks, labels, two sets of key tags with self-locking key holders, key-gathering envelopes, and temporary and permanent markers; with key capacity of 100.
 1. Basis of Design: Lund, Model BH-570-3
 2. Wall-Mounted Cabinet: Grade 1 cabinet with hinged-panel door equipped with key-holding panels and pin-tumbler cylinder door lock.

2.11 OPERATING TRIM

- A. Operating Trim: BHMA A156.6; stainless steel unless otherwise indicated.
 1. Basis of Design: TRIMCO models 1171-40 SPL, 111A and as indicated in hardware sets.
 2. Comparable products by Forms & Surfaces, Burns Manufacturing and Rockwood will be acceptable.

2.12 ACCESSORIES FOR PAIRS OF DOORS

- A. Coordinators: BHMA A156.3; consisting of active-leaf, hold-open lever and inactive-leaf release trigger; fabricated from steel with nylon-coated strike plates; with built-in, adjustable safety release.
- B. Carry-Open Bars: BHMA A156.3; prevent the inactive leaf from opening before the active leaf; provide polished brass or bronze carry-open bars with strike plate for inactive leaves of pairs of doors unless automatic or self-latching bolts are used.
- C. Astragals: BHMA A156.22.

2.13 SURFACE CLOSERS

- A. Surface Closers: BHMA A156.4; Grade 1, rack-and-pinion hydraulic type with adjustable sweep and latch speeds controlled by key-operated valves and forged-steel main arm. Comply with manufacturer's written instructions for size of door closers depending on size of door, exposure to weather, and anticipated frequency of use. Provide factory-sized closers, adjustable to meet field conditions and requirements for opening force.
 1. Basis of Design: Stanley model CLD-4550, arm types and options as listed in hardware sets.
 2. Comparable products by LCN Door Closers, Dorma Door Closers will be acceptable as approved by architect.

2.14 MECHANICAL STOPS AND HOLDERS

- A. Wall- and Floor-Mounted Stops: BHMA A156.16.
 - 1. Basis of Design: Trimco
 - 2. Comparable products by Rockwood and Burns Manufacturing will be acceptable

2.15 OVERHEAD STOPS AND HOLDERS

- A. Overhead Stops and Holders: BHMA A156.8.
 - 1. Basis of Design: Architectural Builders Hardware Mfg. (ABH)
 - 2. Comparable products by Trimco and Chek-mate will be acceptable.

2.16 DOOR GASKETING

- A. Door Gasketing: BHMA A156.22; with resilient or flexible seal strips that are easily replaceable and readily available from stocks maintained by manufacturer.
 - 1. Basis of Design: National Guard Products (NGP)
 - 2. Comparable products by Reese and Door Hardware Systems Inc. (DHSI) will be acceptable.
- B. Maximum Air Leakage: When tested according to ASTM E 283 with tested pressure differential of 0.3-inch wg, as follows:
 - 1. Smoke-Rated Gasketing: 0.3 cfm/sq. ft. of door opening.
 - 2. Gasketing on Single Doors: 0.3 cfm/sq. ft. of door opening.
 - 3. Gasketing on Double Doors: 0.50 cfm per foot of door opening.

2.17 THRESHOLDS

- A. Thresholds: BHMA A156.21; anodized aluminum, fabricated to full width of opening indicated.
 - 1. Basis of Design: National Guard Products (NGP)
 - 2. Comparable products by Reese and Door Hardware Systems Inc. (DHSI) will be acceptable.

2.18 METAL PROTECTIVE TRIM UNITS

- A. Metal Protective Trim Units: BHMA A156.6; fabricated from 0.050-inch thick stainless steel, beveled 4 edges, counter sunk screw holes with manufacturer's standard machine or self-tapping screw fasteners.
 - 1. Basis of Design: Trimco Model KO050

2.19 AUXILIARY DOOR HARDWARE

- A. Auxiliary Hardware: BHMA A156.16.
 - 1. Basis of Design: Trimco Model 1229A

2.20 AUXILIARY ELECTRIFIED DOOR HARDWARE

- A. Auxiliary Electrified Door Hardware:
 - 1. Powers supplies: Basis of Design - Precision Model ELR151
 - 2. Electric Power Transfers: Basis of Design - Precision EPT-12
 - 3. Wiring Harness: Basis of Design - Precision WH-192P, WH-6E
 - 4. *Access Door Entry Control: Basis of Design – Aiphone, LEM-1DL-DA*

2.21 FINISHES

- A. Provide finishes complying with BHMA A156.18 as indicated in door hardware schedule.

PART 3 - EXECUTION

3.1 INSTALLATION

- A. Mounting Heights: Mount door hardware units at heights to comply with the following unless otherwise indicated or required to comply with governing regulations.
 - 1. Standard Steel Doors and Frames: ANSI/SDI A250.8.
- B. Install each door hardware item to comply with manufacturer's written instructions. Where cutting and fitting are required to install door hardware onto or into surfaces that are later to be painted or finished in another way, coordinate removal, storage, and reinstallation of surface protective trim units with finishing work. Do not install surface-mounted items until finishes have been completed on substrates involved.
- C. Hinges: Install types and in quantities indicated in door hardware schedule, but not fewer than the number recommended by manufacturer for application indicated or one hinge for every 30 inches of door height, whichever is more stringent, unless other equivalent means of support for door, such as spring hinges or pivots, are provided.
- D. Lock Cylinders: Install construction cores to secure building and areas during construction period.
 - 1. Replace construction cores with permanent cores as directed by Owner.
 - 2. Furnish permanent cores to Owner for installation.
- E. Key Control Cabinet: Tag keys and place them on markers and hooks in key control system cabinet, as determined by final keying schedule.

- F. Boxed Power Supplies: Locate power supplies as indicated or, if not indicated, above accessible ceilings. Verify location with Architect.
 - 1. Configuration: Provide least number of power supplies required to adequately serve doors with electrified door hardware.
- G. Thresholds: Set thresholds for exterior doors and other doors indicated in full bed of sealant complying with requirements specified in Section 07 92 00 "Joint Sealants."
- H. Stops: Provide floor stops for doors unless wall or other type stops are indicated in door hardware schedule. Do not mount floor stops where they will impede traffic.
- I. Perimeter Gasketing: Apply to head and jamb, forming seal between door and frame.
 - 1. Do not notch perimeter gasketing to install other surface-applied hardware.
- J. Meeting Stile Gasketing: Fasten to meeting stiles, forming seal when doors are closed.
- K. Door Bottoms: Apply to bottom of door, forming seal with threshold when door is closed.

3.2 ADJUSTING

- A. Adjust and check each operating item of door hardware and each door to ensure proper operation or function of every unit. Replace units that cannot be adjusted to operate as intended. Adjust door control devices to compensate for final operation of heating and ventilating equipment and to comply with referenced accessibility requirements.

3.3 DOOR HARDWARE SETS SCHEDULE

Manufacturer's Abbreviations (Column 4):

AiP *Aiphone*
AR Adams Rite
BE Best Locking
BY By Others
CRL C.R. Laurence Co. Inc
DO Dorma
ST Stanley Security Solutions
PR Precision Hardware Inc.
ME Medeco
NA National Guard Products
SD Stanley Door Closers
SDCC Security Door Controls
TR Trimco Inc.

A. SET #1

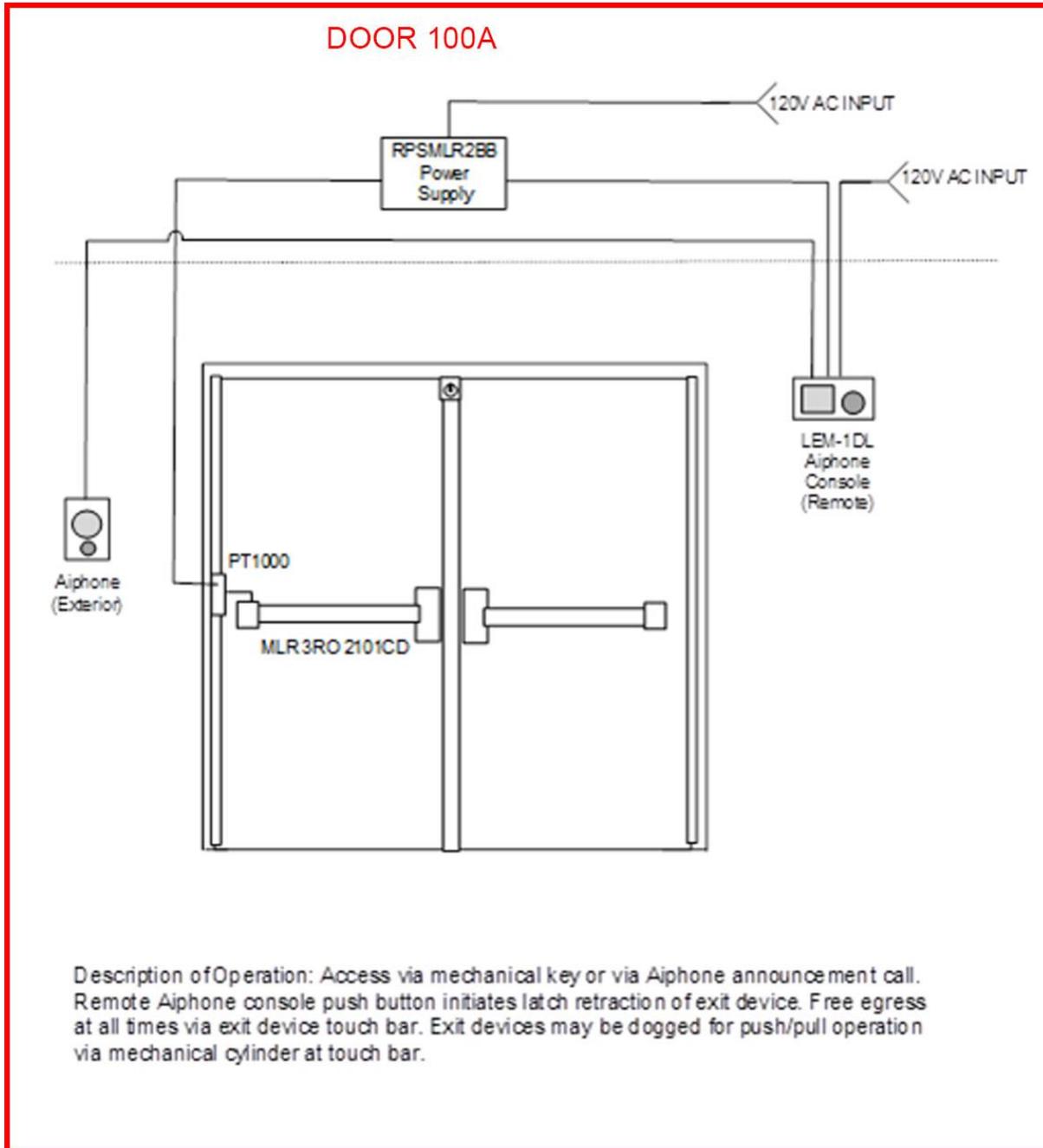
Doors: 100A

Pair to have:

<i>1ea.</i>	<i>Continuous Hinges</i>	<i>661HD</i>	<i>628</i>	<i>ST</i>
<i>1ea.</i>	<i>Continuous Hinges</i>	<i>661HD (Prep'd for EPT)</i>	<i>628</i>	<i>ST</i>
<i>1ea.</i>	<i>Electric Power Transfer</i>	<i>PT1000</i>	<i>630</i>	<i>ABH</i>
<i>1ea.</i>	<i>Key removeable Mullion</i>	<i>KR822 MCS</i>	<i>PTD</i>	<i>PR</i>
<i>1ea.</i>	<i>Rim Cylinder (Mullion)</i>	<i>12E-72 L/C R706</i>	<i>626</i>	<i>BE</i>
<i>1ea.</i>	<i>Exit Device</i>	<i>MLR 3RO 2101 CD</i>	<i>630</i>	<i>PR</i>
<i>1ea.</i>	<i>MLR Power Supply</i>	<i>RPSMLR2BB</i>	<i>PTD</i>	<i>PR</i>
<i>1ea.</i>	<i>Exit Device</i>	<i>3RO 2101 CD</i>	<i>630</i>	<i>PR</i>
<i>2ea.</i>	<i>Mortise Cylinders (Dogging)</i>	<i>1E-74 L/C C4 R705</i>	<i>626</i>	<i>BE</i>
<i>1ea.</i>	<i>Rim Cylinder (Trim)</i>	<i>12E-72 L/C R706</i>	<i>626</i>	<i>BE</i>
<i>4ea.</i>	<i>SFIC Cores</i>	<i>Medco 33N700006 Pinned</i>	<i>626</i>	<i>ME</i>
<i>2ea.</i>	<i>Door Pulls</i>	<i>1191-4</i>	<i>630</i>	<i>TR</i>
<i>2ea.</i>	<i>Door Closer</i>	<i>CLD-4550 HCS P45HD P45HD-112689</i>		<i>ST</i>
<i>2ea.</i>	<i>Kick Plates</i>	<i>KO050 10"x 2" LDW CS</i>	<i>630</i>	<i>TR</i>
<i>1ea.</i>	<i>Threshold</i>	<i>425 SIA ssms/ea</i>	<i>689</i>	<i>NA</i>
<i>2ea.</i>	<i>Door Sweeps</i>	<i>200NA</i>	<i>689</i>	<i>NA</i>
<i>1set</i>	<i>Perimeter W/S</i>	<i>5075B LAR (Head & Jambs)</i>	<i>BRN</i>	<i>NA</i>
<i>1set</i>	<i>Mullion Seal</i>	<i>5100N</i>	<i>BLK</i>	<i>NA</i>
<i>1ea.</i>	<i>Access Door Entry Control</i>	<i>LEM-1DL-DA</i>	<i>PL</i>	<i>AiP</i>

Description of Operation: Access via mechanical key or via Aiphone announcement call. Remote Aiphone console push button initiates latch retraction of exit device. Free egress at all times via exit device touch bar. Exit devices may be dogged for push/pull operation via mechanical cylinder at touch bar.

NOTE: Balance of seals by door supplier.



B. SET #2

Doors: 101

2	Continuous Hinge	661HD	AL	ST
1	Removable Mullion	KR822 MCS	689	PR
1	Rim Cylinder - Mullion	12E-72 L/C R706	626	BE
2	Exit Device	3RO 2101 CD	630	PR
2	Mortise Cylinder - Dogging	1E-74 L/C C4 R705	626	BE
3	Medeco SFIC 33N700006	Pinned 26 ME		
2	Door Closer	CLD-4550 HCS P45HD-110 P45HD-112	689	SD
2	Door Sweep 200 NA NA			
1	Saddle Threshold	425 E X 1/4-20-2" COMBO	AL	NA

NOTE: Balance of seals by door supplier.

C. SET #3

Doors: 101A, 101B, 101C, 101D, 101F, 101G, 101H, 101 I, 101 J, 103A, 103B

3	Hinges	CB179 4 1/2 X 4 1/2	US26D	ST
1	Classroom Lockset	45H-7R14H L/C	630	BE
1	Medeco SFIC	33N700006 Pinned	26	ME
1	Overhead Stop	N 1020 Series	US32D	AB
1	Wall Bumper	1270WV / 1211 AS REQ"D	630	TR
3	Door Silencers	1229A	GREY	TR

D. SET #4

Doors: 101B, 107

3	Hinges	FBB179 4.5x 4.5 652	ST	
1	Deadlock	48HR PATD	626	BEST
1	Door Pull	1013-3	630	TR
1	Push Plate	1001-3	630	TR
1	Door Closer	CLD 4550	689	ST
1	Kick Plate	K0050 10" x 2" LDW	630	TR
1	Mop Plate	KM050 4" x 2" LDW	630	TR
1	Wall stop	1270CX	630	TR
3	Silencers	1229A	Gray	TR

NOTE: Balance of seals by door supplier.

E. SET #5

Doors: 100B

Pair to have:

2ea.	Continuous Hinges	661HD	628	ST
2ea.	Door Pulls	1191-4	630	TR
2ea.	Dummy Touchbars	671DR-3	630	PR

2ea.	Door Closers	CLD-4550 HCS P45HD P45HD-112689		ST
2ea.	Kick Plates	KO050 10"x 2" LDW CS	630	TR
1ea.	Threshold	425 SIA ssms/ea	689	NA
2ea.	Door Sweeps	200NA	689	NA
1set	Perimeter W/S	5075B LAR (Head & Jambs)	BRN	NA

END OF SECTION

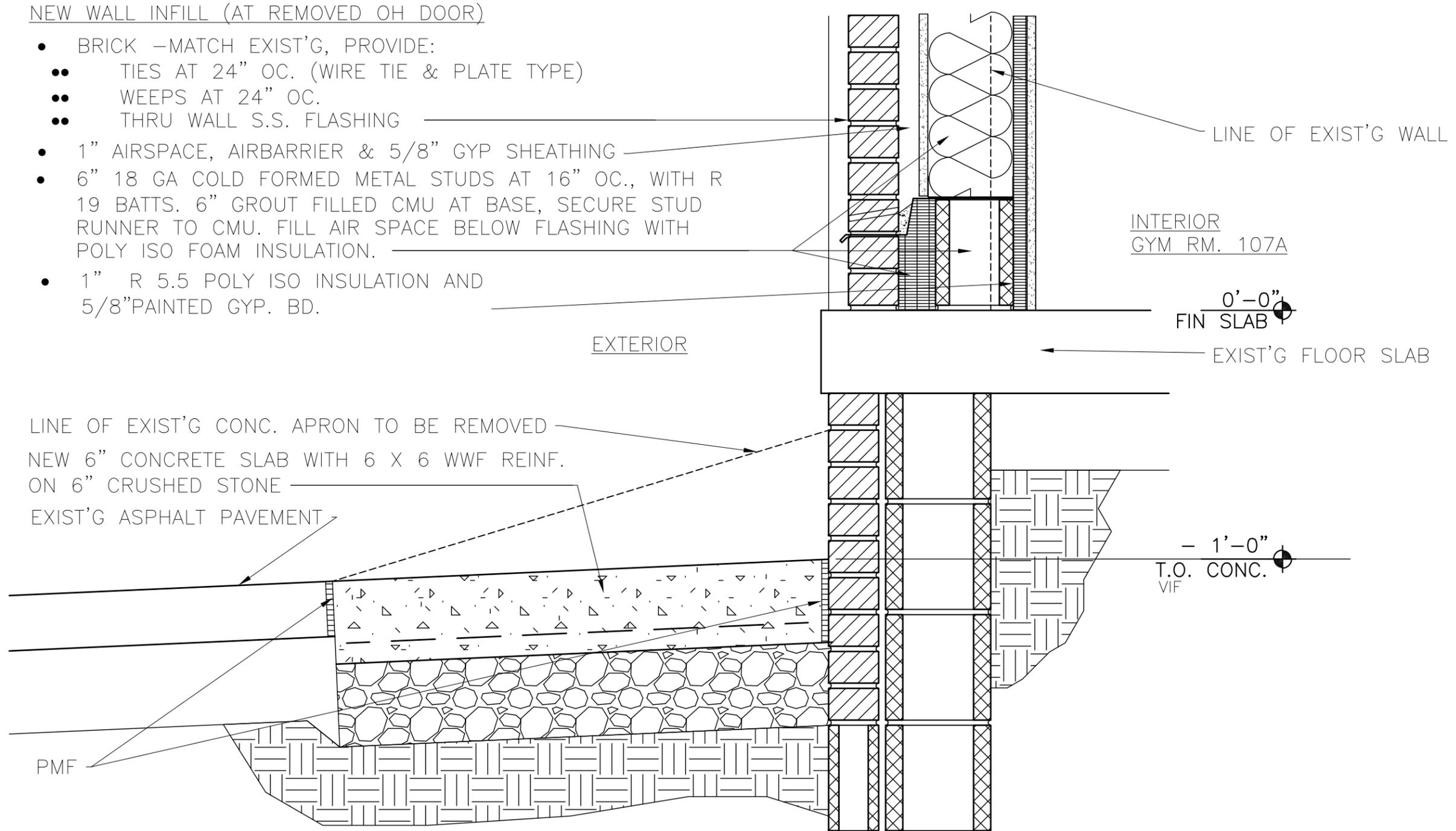
DEARNG STERN ARMORY/READINESS CENTER
WILMINGTON, DELAWARE

INTERIOR RENOVATIONS - FY18'
MC7601000098

1 2 3 4 5 6

NEW WALL INFILL (AT REMOVED OH DOOR)

- BRICK -MATCH EXIST'G, PROVIDE:
 - TIES AT 24" OC. (WIRE TIE & PLATE TYPE)
 - WEEPS AT 24" OC.
 - THRU WALL S.S. FLASHING
- 1" AIRSPACE, AIRBARRIER & 5/8" GYP SHEATHING
- 6" 18 GA COLD FORMED METAL STUDS AT 16" OC., WITH R 19 BATTS. 6" GROUT FILLED CMU AT BASE, SECURE STUD RUNNER TO CMU. FILL AIR SPACE BELOW FLASHING WITH POLY ISO FOAM INSULATION.
- 1" R 5.5 POLY ISO INSULATION AND 5/8" PAINTED GYP. BD.



LINE OF EXIST'G CONC. APRON TO BE REMOVED
 NEW 6" CONCRETE SLAB WITH 6 X 6 WWF REINF.
 ON 6" CRUSHED STONE
 EXIST'G ASPHALT PAVEMENT

PMF

LINE OF EXIST'G WALL

INTERIOR
 GYM RM. 107A

0'-0"
 FIN SLAB

EXIST'G FLOOR SLAB

- 1'-0"
 T.O. CONC.
 VIF

WALL INFILL SILL DETAIL AT GYM ROOM 107A

1 1/2" = 1'-0"

THIS SKETCH MODIFIES DRAWING A-601

TETRA TECH
 www.tetrattech.com
 240 CONTINENTAL DR.
 NEWARK, DE 19713
 302-454-5989

MARK	DATE	DESCRIPTION	BY
	8/30/18	ISSUED WITH ADDENDUM #2	CED

DELAWARE ARMY NATIONAL GUARD
 STERN ARMORY/READINESS CENTER
 1420 NEWPORT GAP PIKE
 WALL INFILL SILL DETAIL -
 GYM - RM 107A

Project No.: 200-76984-18002
 Designed By: CED
 Drawn By:
 Checked By:
SKA-01

Bar Measures 1 inch

8/29/2018 6:03:33 PM - J:\IER\76984\200-76984-18002\CAD\SHEETFILES\ARCHA-601.DWG - DOBBS, CHARLES

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