



624 Wellington Way
Lexington,
Kentucky 40503
859-223-5694
FAX 859-223-2607
E-Mail: mseinc@mselex.com

**Addendum No. 2
Bath County Fiscal Court
New Bath County EMS Building Project
Bid Date: March 12, 2025
Addendum Issue Date: March 5, 2025**

The Contractor shall conform to the following changes, as same shall become binding upon the Contract to be issued in response to this invitation.

1. Comfort Designs is an approved manufacturer for the transfer shower in Toilet 118.
2. Custom Creations is an approved manufacturer/supplier of casework in Section 06400. Manufacturer's do not need AWI certification.
3. On sheet A-6, flooring noted as LVT-1 in Finish Schedule shall be VCT-1 as noted on Finish Specification list.
4. Raynor is an approved manufacturer for the overhead doors.
5. Fees for HBC building code review have been paid. Any local building permits that are required shall be paid by the General Contractor.
6. General Contractors are required to carry Builder's Risk Insurance. Refer to Section 00800 – Supplemental Conditions.
7. Excavations are unclassified, and rock removal will not be paid by change order. If unsuitable soils are encountered and require remediation, this will not be paid by change order.
8. All Demolition on sheet C-1 shall be included in bid.
9. Penetration and joint firestopping are not required to be performed by a single source certified contractor.
10. The Owner will be responsible for 3rd party Special Inspection costs.
11. Section 01230 Alternates shall be deleted. There are no alternate bid options on this project.

- 12. Door # 11 – hardware set 6
 Door #17, hardware set 7
 Door #23, Type E, Interior Solid Core, Flush wood
 Door #19 – deleted
 See attached revised Door Hardware Spec 08710

- 13. Wall type 1, as detailed on D/A-4, refers to the common wall between the Office and Garage areas. This wall shall be a fire-rated assembly from floor to roof, consisting of 6” metal studs with 5/8” FC gypsum board on both sides full height, excluding the CMU wall portion of Toilet/Storm Shelter 119.

 The studs shall be offset from the CMU so that the gypsum board is flush with the face of the concrete units on the garage side. The metal liner panels shall be on the garage side of the common wall and all walls of the garage, from floor to 8’-0” a.f.f. with trim cap on the top edge. Above the liner panels will be painted gypsum board at the common wall and exposed vinyl faced building insulation on the exterior walls.

- 14. Pre-engineered building column location as per Plan Sheet A-1.

- 15. The last two notes on sheet S-1 are deleted:

Shelter requires structural special inspections. No work is done on the storm shelter shall begin until Pre-Shelter inspection conference with the Special Inspection, Contractor and Poage Engineers.

NOTES:

- 1) DATUM ELEVATION (822.0') = 100'-0" ASSUMED.
- 2) CONTRACTOR SHALL COORDINATE FLOOR DRAINS AND ELECTRICAL CONDUITS WITH MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS NOT SHOWN ON THE STRUCTURAL DRAWINGS. ALL FLOOR DRAINS TO SLOPE 1/4" PER MINIMUM.
- 3) ALL DIMENSIONS SHOWN ARE TO FOUNDATION WALL.
- 4) REFER TO ARCHITECTURAL DRAWINGS FOR LOCATIONS OF ALL INTERIOR NONLOAD-BEARING WALLS NOT LOCATED ON STRUCTURAL DRAWINGS.
- ~~5) ALL FOUNDATIONS SHALL BEAR DIRECTLY ON ROCK OR LEAN CONCRETE FILL TO ROCK.~~
- ~~6) THE WALL STEPS/BRICK LEDGES SHOWN ARE FOR BIDDING PURPOSES. FINAL ELEVATIONS ARE TO BE COORDINATED WITH ACTUAL GRADING CONDITIONS.~~

FOOTING SCHEDULE	
SIZE	REINFORCING STEEL
4'-0"x4'-0"x12"	5-#5 BARS EA. WAY
6'-0"x6'-0"x12"	7-#6 BARS EA. WAY

Engineers
Architects
Planners

OF KENTUCKY, INC.

624 Wellington Way
Lexington, KY 40503
www.mselex.com

Phone: (859)223-5694
Fax: (859)223-2607

DRAWING NO.

S-1

SECTION 08710

PART 1 – GENERAL

1.0 Related Documents

Drawings and general provisions of contract and Division 1 specification sections, apply to work of this section

1.01 SUMMARY

A. Section Includes:

1. Door Hardware.
2. Storefront and Entrance Door Hardware.
3. Installation of Finish Hardware.

B. Related Sections:

1. Section 06200 - Finish Carpentry
2. Section 07900 - Joint Sealers – exterior thresholds
3. Section 08100 – Metal Doors and Frames
4. Section 08200 - Wood and Plastic Doors
5. Section 08400 – Entrances and Storefronts

C. Specific Omissions: Hardware for the following is specified or indicated elsewhere.

1. Windows.
2. Cabinets, including open wall shelving and locks.
3. Signs, except where scheduled.
4. Toilet accessories, including grab bars.
5. Folding Partitions, except cylinders where detailed.
6. Sliding aluminum doors, except cylinders where detailed.
7. Access doors and panels, except cylinders where detailed.

1.02 REFERENCES

- A. Use date of standard in effect as of BID date.
- B. American National Standards Institute – ANSI 156.18 – Materials and Finishes.
- C. ICC/ANSI A117.0 – 1998 – Specifications for making buildings and facilities usable by physically handicapped people.
- D. ADA – Americans with Disabilities Act of 1990.
- E. BHMA – Builders Hardware Manufacturers Association.
- F. DHI – Door and Hardware Institute
- G. NFPA – National Fire Protection Association
 1. NFPA 80 – Fire Doors and Windows
 2. NFPA 101 – Life Safety Code
 3. NFPA 105 – Smoke and Draft Control Door Assemblies
 4. NFPA 252 – Fire Tests of Door Assemblies

1.03 SUBMITTALS

ARCHITECT'S HARDWARE SCHEDULE:

Architect's hardware schedule is by hardware set number. Refer to drawings for designation of hardware set number applicable to each opening. Certain additional items of hardware and/or hardware accessories specified herein shall be finished and noted on the hardware schedule.

SUPPLIER'S HARDWARE SCHEDULE

A complete hardware schedule, indicating type, number, location, and finish shall be submitted to architect for approval, together with such samples as may be required for review. Opening numbers shall be same as used in contract documents. Schedule shall be prepared according to Door and Hardware Institute recommendations (schedule and sequence format) and shall include degree of door closer installation.

Supplier's hardware schedule will be reviewed by architect for type, quality, finish, and for function (other than hand). Contractor shall be responsible for checking schedule for correct hand of locksets and for supplying quantity of items required by contract documents.

Provide supplementary or revised hardware schedules if deemed necessary by architect.

Do not ship or deliver hardware to job prior to review of hardware schedules by architect.

Hardware schedule shall be submitted in the following format. Hardware schedules submitted to architect for review not in this format will be rejected:

HARDWARE SET 1

1 Sgl Door #001 Exterior from Corridor RHR 90 deg
Each leaf 3'0 x 7'0 x HMF x NLWD

Item, quantity, manufacturer's #, size, product type, finish, and product information

3 ea Hinge	BB1191 NRP 4.5 x 4.5	26D	HA
1 ea Cylinder	951 x GG MK	26D	FA
1 ea Exit Device	25R NL-OP	626	FA
Etc.			

1.04 QUALITY ASSURANCE

All hardware shall be furnished by an established Builders Hardware firm who maintains and operates an office, display, and stock in this area, and who is a regular authorized distributor of the lock they propose to furnish. All hardware schedules submitted for approval shall carry the signature and seal of a certified Architectural Hardware Consultant.

1.05 PROJECT CONDITIONS

Delivery storage and handling: Hardware supplier shall receive and check all hardware at his warehouse. Drop shipments to the jobsite from various manufacturers will not be permitted. All hardware shall be in its original packaging and plainly labeled and numbered to agree with the numbers and as listed in the hardware schedule. The contractor shall submit his schedules for approval to the architect before proceeding with any work. When required, hardware supplier shall deliver hardware and/or hardware templates to the various door manufacturers. The general contractor shall provide storage facilities for the finish hardware after delivery to the job site.

1.06 ITEMS NOT INCLUDED

Hardware for metal windows, toilet partitions, cabinets, access panels, etc. is not included in this section. See other sections for hardware to be furnished by others.

PART 2 – PRODUCTS

2.01 MANUFACTURERS

Numbers given in this schedule are of the following manufacturers.

<u>PRODUCTS</u>	<u>MFG. SPECIFIED</u>	<u>APPROVED EQUAL</u>
Hinges	Ives	Hager, Bommer
Locks	Schlage	Sargent, Best
KeyPad Lock	Schlage	Alarm Lock
Exit Devices	Falcon	Von Duprin, Precision
Closers	LCN	Corbin-Russwin, Sargent
Trim/Auxiliary	Ives	Hager, Rockwood
Weather Strip	NGP	Pemko, Hager

2.02 HARDWARE FINISHES

US 32D	(630)	Hinges, Locks, Pivots, Bolts
US 32D	(630)	Push/Pulls, Exit Devices, Stops
Sprayed Aluminum		Door Closers
Aluminum		Thresholds

2.03 HINGES

Ball Bearing Hinges shall be five-knuckle construction. Hinges for exterior doors shall be stainless steel with non-removable pins, in the finish specified. Oil impregnated bearings are not an acceptable substitute for ball bearings. All hinges shall be 4 1/2" x 4 1/2", unless otherwise specified.

2.04 LOCKSETS

Furnish locksets and cylinders by same manufacturer. Cylinders shall be provided with Large format interchangeable cores keyed to the owner's specifications. All lever locks shall be mortise or bored type as indicated. Lock bodies and lock trim shall be by the same manufacturer. Backset on all lever locks and deadlocks shall be 2 3/4" or 2 3/8" as required. All deadlocks shall have 1" throw bolts and be equipped with armor fronts. Trim for locksets shall be as indicated in the hardware sets. Locksets shall be ANSI/BHMA A156.2 series 4000 Grade 1 Cylindrical lock as scheduled.

2.05 EXIT DEVICES

Characteristics:

- a. Tested to be in accordance with ANSI A156.3, 1994, Grade 1. All exit devices to be heavy duty, with one-piece removable covers. The housing shall be manufactured from extruded aluminum without exposed screws or rivets.
 - b. Exit Devices shall be "UL" listed for Life Safety. All exit devices for fire-rated door openings shall have "UL" labels for "Fire Exit Hardware". All exit devices shall conform to NFPA 80 and NFPA 101 requirements.
 - c. All series exit devices shall be "touchpad" (modern) types, incorporating a hydraulic fluid damper, which decelerates the touchpad on its return stroke and eliminates noise associated with the exit device operation.
- All exit devices shall be non-handed. The touchpad shall extend a minimum of 1/2 of the door width and shall be a minimum of 2-3/16" in height. Plastic touchpads shall not be acceptable. The touchpad height shall exceed height of mechanism case or rail assembly to eliminate "Pinch Points". If the touchpad height does not exceed the height of the mechanism case or rail assembly,

provide a factory installed insert / filler on the top and bottom of the touchpad along the mechanism case and rail assembly; to prevent "Pinch Points".

- d. All latch bolts to be the deadlocking type. Latch bolts shall have a self-lubricating coating to reduce wear. Plated or plastic coated latch bolts shall not be acceptable.
- e. All metal end caps to be standard with all exit devices.
- f. Exit device strikes, where surface applied, shall be a roller type and have an anti-slip mounting plate.
- g. All outside exit device trim shall be forged brass, full escutcheon. The pull shall have a grip that is 6 ¼' CTC and project 2 11/16".
- h. The exit device end caps shall be secured with three (3) screws to a truss bracket.
- i. The "touchpad" exit devices shall be patterned punched to designate code requirements; where required.
- j. All exit devices shall be made of brass, bronze, stainless steel, or aluminum material, plated to the standard architectural finishes to match the balance of the door hardware.
- k. Electric Latch retract options will require Power Supply from the same manufacturer.
- l. Schlage CO100 where required and noted in the Hardware Sets. Battery powered standalone key pad.

2.06 CLOSERS

Door closers shall be full rack and pinion type. Closers shall be surface mounted. Equip closers with (2) two key operated regulating valves for individual control of both closing and latching speeds. Regulating valves shall be accessible from top of closer only and shall be completely unobtrusive. Closer shall have minimum of 15% door closing power adjustment and adjustable back check. Enclose closer in a cover of plastic. Closers on all exterior out-swinging doors and others as scheduled shall be parallel arm installation. Closer bodies and/or closer feet to be mounted on surface of door shall be supplied with sex bolts.

2.07 PUSH AND PULL UNITS

Push plates and pulls shall be solid stainless steel with a satin finish. Minimum thickness is .050; size and design are indicated in Hardware Sets.

2.08 PROTECTIVE PLATES

Kick, Armor, and Mop plates shall be height listed in schedule and width of 2" less than door width, or 1" less than door width of each leaf on pairs of doors. Plates shall be minimum thickness .050 stainless steel unless otherwise indicated.

2.09 THRESHOLDS

Provide (aluminum) thresholds where scheduled, with machine screws and lead expansion shields.

2.10 DOOR STOP

Provide door stops wherever necessary to prevent door or hardware from striking any adjacent partition or obstruction. Provide wall type whenever possible. All door stops and holders mounted on concrete floor or masonry walls shall have machine screws and lead expansion shields.

2.11 SILENCERS

Provide GJ-64 silencers for all hollow metal frames. Single doors shall have three (3) silencers. Double doors shall have two (2) silencers.

2.12 KEYING

Key locks to owner's specification. Obtain owners approval and signature on final approved keying. Perform all keying at lock factory, and register key data there. Deliver all master keys to Owner. No master keys shall be delivered to any other person.

2.13 FEMA 361 ICC 500

Doors to have Schlage LM9300 Multi Point Latch or Securitech equivalent

PART 3 – EXECUTION

3.01 APPLICATION

INSTALLATION: Work shall be done by the **Hardware Supplier**, using skilled and experienced craftsman trained in the trade of installing finish hardware. Mortised items shall be neatly set in and made flush with door or frame surface. Manufacturer's instructions and recommendations shall be strictly followed.

FASTENERS: Hinges, pivots, locks, and exit devices shall be installed with proper sex bolts, wood or machine screws as supplied by the manufacturer. Surface closers shall be mounted to door with sex bolts. Door pulls shall be installed on doors with thru-bolts as supplied by manufacturer.

3.02 HARDWARE SETS

Hardware Set 1 TORNADO DOOR FEMA361 ICC500

Tag #10

Hinges	5BB1 HW NRP 4 ½ x 4 ½	630
3 Point Lock	LM9350 J 06 Indicator OS OCC vacant/occupied	
Closer	4040XP	
Kickplate	8400 B-CS 10 x 2" LTDW	
Permanent Core	23-030 S123 Key Master Keyed	

Hardware Set 2

Tag #7,8

Hinges	5BB1 HW NRP 4 ½ x 4 ½	630
Rim Exit	25RNL	
Mortise Cylinder	26-094	
Closer Hold Open	4040XP H Cush	
Threshold	425EV	
Weather Strip	160VA	
Door Sweep	97V	
Permanent Core	23-030 S123 Key Master Keyed	

Hardware Set 3

Tag #5, 6

Hinges	5BB1 HW NRP 4 ½ x 4 ½	630
Rim Exit	25R EO	
Key Pad Exit Trim	CO100-993R70-KP	
Mortise Cylinder	26-094	
Closer Hold Open	4040XP H Cush	
Threshold	425EV	
Weather Strip	160VA	
Door Sweep	97V	
Permanent Core	23-030 S123 Key Master Keyed	

Hardware Set 4

Tag #9, 12, 16

Hinges	5BB1 4 ½ x 4 ½
Rim Exit	25RL
Mortise Cylinder	26-094
Closer	1461 R w/PA
Kick Plate	8400 B-CS 10 x 2" LTDW
Wall Stop	407CVX
Permanent Core	23-030 S123 Key Master Keyed

Hardware Set 5

Tag #13, 14

Hinge	5BB1 4 ½ x 4 ½
Office Lockset	ND50 J RHO
Kick Plate	8400 B-CS 10 x 2" LTDW
Wall Stop	407CVX
Permanent Core	23-030 S123 Key Master Keyed

Hardware Set 6

Tag #11

Hinges	5BB1 4 ½ x 4 ½
Storeroom Lockset	ND 80 J RHO
Closer	1461 R w/PA
Kick Plate	8400 B-CS 10 x 2" LTDW
Wall Stop	407CVX
Permanent Core	23-030 S123 Key Master Keyed

Hardware Set 7

Tag #15, 17, 21, 28

Hinge	5BB1 4 ½ x 4 ½
Passage Latch	ND10S RHO
Kick Plate	8400 B-CS 10" x 2" LTDW
Wall Stop	407CVX

Hardware Set 8

Tag #20, 27

Hinge	5BB1 4 ½ x 4 ½
Passage Latch	ND10S RHO
Closer	1461 R w/PA
Kick Plate	8400 B-CS 10" x 2" LTDW
Wall Stop	407CVX

Hardware Set 9

Tag #29

Hinge	5BB1 4 ½ x 4 ½
Privacy Indicator	MA311 DGM
Closer	1461 R w/PA
Kick Plate	8400 B-CS 10" x 2" LTDW
Wall Stop	407CVX

Hardware Set 10

Tag # 22, 23, 24, 25, 26

Hinge	5BB1 4 ½ x 4 ½
Privacy Indicator	MA311 DGM
Kick Plate	8400 B-CS 10" x 2" LTDW
Wall Stop	407CVX

Hardware Set 11

Tag #18

Hinge	5BB1 4 ½ x 4 ½
Passage Latch	ND10S RHO
Kick Plate	8400 B-CS 10" x 2" LTDW
Wall Stop	407CVX