

ADDENDUM NO. 2
TO
CONSTRUCTION OF TECHNOLOGY TRAINING CENTER
NEWPORT, ARKANSAS
M-N 20-038

October 8, 2021

The following revision shall be made to the plans and specifications and become a part thereof:

1. Dry Cast Stone is acceptable for use on the project.
2. The Contractor shall include in the Bid removal and replacement of 4' of soil under the building slab, building foundation and 5' outside the building footprint. The cost of this shall be included in Bid Item #1. A Revised Bid Schedule is attached to this Addendum and shall be used by the Contractor when submitting your bid. The Revised Bid Schedule includes unit prices for the removal and replacement of soil in excess of the 4' specified above and also a unit price to credit the owner if 4' is not required to be removed. These unit prices shall be completed in the Bid Schedule.
3. A Revised Bid Schedule is attached and shall be used when submitting your Bid.
4. A Door Hardware Specification is attached for your use.
5. The Contractor shall employ a geotechnical engineering firm to evaluate the existing soil once the existing concrete pavement is removed and prior to placing any fill material.
6. The bid date for the project has been extended. The revised bid date is October 22, 2021 at 11:00 A.M. The location of the bid opening will remain the same.
7. The finish for the operable wall shall be factory-installed carpet on the wall panels.

(End of Addendum)

MILLER-NEWELL ENGINEERS, INC.
P.O. Box 705
501 Third Street
Newport, AR 72112

PROPOSAL FORM
(Revised 10/08/21)

DATE: _____, 2021

Proposal of _____
(hereinafter called "Bidder"), a corporation, organized and existing
under the laws of the State of _____; a partnership; an
individual doing business as _____
_____.* (*STRIKE INAPPLICABLE PHRASE)

TO: City of Newport (Hereinafter called "Owner")

GENTLEMEN:

The Bidder, in compliance with your invitation for bids for the furnishing of materials and/or labor for **CONSTRUCTION OF A NEW TECHNOLOGY TRAINING CENTER** having examined the plans and specifications with the related documents and the site of the proposed work, and being familiar with all of the conditions surrounding the construction of the proposed project, including the availability of materials, hereby proposes to furnish all materials and supplies in accordance with the Contract Documents, within the time set forth therein, and at the price stated below. These prices are to cover all expenses incurred in furnishing the equipment/materials required under the Contract Documents, of which this proposal is a part.

Bidder hereby agrees to commence work under this contract on or before a date to be specified in written "Notice to Proceed" of the Owner and to fully complete the contract within **three hundred thirty (330)** consecutive calendar days thereafter as stipulated in the specifications. Bidder further agrees to pay as liquidated damages, the sum of \$500 for each calendar day thereafter as hereinafter provided in Section 34 of the General Conditions.

Bidder acknowledges receipt of the following addendum:

Bidder agrees to perform all the work required and to furnish all material required to be furnished to cover the finished work as described in the Specifications and as shown on the Plans for the following prices or lump sum:

(Amount shall be shown in both words and figures. In case of discrepancy, the amount shown in words will govern.)

BID SCHEDULE
 (Revised 10/08/21)

BASE BID:

| <u>Item</u> | | | |
|-------------|--|-------------|--------------------|
| <u>No.</u> | <u>Description</u> | <u>Unit</u> | <u>Total Price</u> |
| 1. | Site Work (Including Site Draining, Grading, Removal & Replacement of 4' of Soil Under Building Slab, Building Foundation, and 5' Outside of the Building Footprint, Etc.) | LS | \$ _____ |
| 2. | Site Utilities | LS | \$ _____ |
| 3. | Landscaping | LS | \$ _____ |
| 4. | Foundation and Concrete | LS | \$ _____ |
| 5. | Building | LS | \$ _____ |
| 6. | Interior Framing & Finishes | LS | \$ _____ |
| 7. | Plumbing | LS | \$ _____ |
| 8. | Electrical | LS | \$ _____ |
| 9. | HVAC | LS | \$ _____ |
| 10. | OSHA Excavation Trench Safety System | LS | \$ _____ |
| 11. | Miscellaneous | LS | \$ _____ |
| | TOTAL BASE BID | | \$ _____ |

Written in Words _____

DEDUCTIVE ALTERNATIVE NO. 1:

Delete brick pavers and install concrete at paver locations.

DELETE: _____

_____ Dollars Delete (\$ _____)

DEDUCTIVE ALTERNATIVE NO. 2:

Delete landscaping and landscape lights on west side between alley and building and install topsoil and turf grass.

DELETE:

_____ Dollars Delete (\$ _____)

DEDUCTIVE ALTERNATIVE NO. 3:

Delete landscaping and landscape lights on east side between Hazel Street and building and install top soil and turf grass.

DELETE:

_____ Dollars Delete (\$ _____)

DEDUCTIVE ALTERNATIVE NO. 4:

Delete modular walls and raised bed in triangle area. Install beds at 2' above grade.

DELETE:

_____ Dollars Delete (\$ _____)

DEDUCTIVE ALTERNATIVE NO. 5:

Delete Sternberg light at location shown on Sheet 101.

DELETE:

_____ Dollars Delete (\$ _____)

DEDUCTIVE ALTERNATIVE NO. 6:

Delete removal and replacement of alley.

DELETE:

_____ Dollars Delete (\$ _____)

Note: If removal and replacement of soil is required in excess of the 4' listed in the Bid Schedule, Contractor will remove existing soil and replace with selected fill compacted in place for the cost of \$_____ per cubic yard.

Note: If the removal and replacement of the 4' of soil as listed in the Bid Schedule is NOT REQUIRED, the cost to delete any amount less than 4' is \$_____ per cubic yard.

(Note: Bids shall include sales tax and all applicable taxes and fees.)

In submitting this bid, it is understood that the right is reserved by the Owner to reject any or all bids. No bid shall be withdrawn for a period of sixty (60) days subsequent to the opening of bids without the consent of the Owner.

Upon receipt of written notice of the acceptance of this bid, bidder will execute the formal contract attached within 10 days and deliver a Surety Bond or Bonds as required by the General Conditions.

The bid security attached in the sum of _____ Dollars (\$_____) is to become the property of the Owner in the event the contract and bond are not executed within the time above set forth, as liquidated damages for the delay and additional expense to the Owner caused thereby.

The Bidder further agrees to designate the names of proposed separate subcontractors, if necessary, for masonry work, electrical work, plumbing, heating, ventilation and air conditioning, roofing, etc. as specified below. I (or we) submit the names of the subcontractors I (or we) propose to use and their Arkansas Contractor's State License Number as follows:

| | Name | License Number |
|------------|-------|----------------|
| Masonry | _____ | _____ |
| Plumbing | _____ | _____ |
| HVAC | _____ | _____ |
| Electrical | _____ | _____ |
| Roofing | _____ | _____ |
| Other | _____ | _____ |

RESPECTFULLY SUBMITTED,

By: _____
Signature

Title

(SEAL if bid is by
corporation)

BUSINESS ADDRESS:

CONTRACTOR'S ARKANSAS LICENSE No.

SECTION 08 71 00
DOOR HARDWARE

PART 1 - GENERAL

1.1 SUMMARY

A. Section includes:

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

1.2 ACTION SUBMITTALS

A. Product Data: For each type of product indicated.

B. Other Action Submittals:

1. Door Hardware Schedule: Prepared by or under the supervision of Installer, detailing fabrication and assembly of door hardware, as well as installation procedures and diagrams. Coordinate final door hardware schedule with doors, frames, and related work to ensure proper size, thickness, hand, function, and finish of door hardware.
 - a. Format: Use same scheduling sequence and format and use same door numbers as in the Contract Documents.
 - b. Content: Include the following information:
 - 1) Identification number, location, hand, fire rating, size, and material of each door and frame.
 - 2) Locations of each door hardware set, cross-referenced to Drawings on floor plans and to door and frame schedule.
 - 3) Complete designations, including name and manufacturer, type, style, function, size, quantity, function, and finish of each door hardware product.

2. Keying Schedule: All locks shall be master keyed and keyed in groups as directed by the Owner and Architect.

1.3 QUALITY ASSURANCE

- A. Installer Qualifications: Supplier of products and an employer of workers trained and approved by product manufacturers and an Architectural Hardware Consultant who is available during the course of the Work to consult with Contractor, Architect, and Owner about door hardware and keying.
- 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.
- C. Means of Egress Doors: Latches do not require more than 15 lbf (67 N) to release the latch. Locks do not require use of a key, tool, or special knowledge for operation.
- D. Accessibility Requirements: For door hardware on doors in an accessible route, comply with the U.S. Architectural & Transportation Barriers Compliance Board's ADA-ABA Accessibility Guidelines.
 1. Provide operating devices that do not require tight grasping, pinching, or twisting of the wrist and that operate with a force of not more than 5 lbf (22.2 N).
 2. Comply with the following maximum opening-force requirements:
 - a. Interior, Non-Fire-Rated Hinged Doors: 5 lbf (22.2 N) applied perpendicular to door..
 3. Bevel raised thresholds with a slope of not more than 1:2. Provide thresholds not more than 1/2 inch (13 mm) high.
 4. Adjust door closer sweep periods so that, from an open position of 70 degrees, the door will take at least 3 seconds to move to a point 3 inches (75 mm) from the latch, measured to the leading edge of the door.

1.4 DELIVERY, STORAGE, AND HANDLING

- A. Deliver keys to manufacturer of key control system for subsequent delivery to Owner.

1.5 WARRANTY

- A. Special Warranty: Manufacturer's standard form in which 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.

PART 2 - PRODUCTS

2.1 SCHEDULED DOOR HARDWARE

- A. Provide door hardware for each door as scheduled on Drawings to comply with requirements in this Section.

2.2 HINGES

- A. Hinges: BHMA A156.1. Provide template-produced hinges for hinges installed on hollow-metal doors and hollow-metal frames.

2.3 MECHANICAL LOCKS AND LATCHES

- A. 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.
- B. Bored Locks: BHMA A156.2; Grade 2; Series 4000.

2.4 EXIT DEVICES AND AUXILIARY ITEMS

- A. Exit Devices and Auxiliary Items: BHMA A156.3.

2.5 LOCK CYLINDERS

- A. Lock Cylinders: Tumbler type, constructed from brass or bronze, stainless steel, or nickel silver.
- B. Construction Cores: Provide construction cores that are replaceable by permanent cores. Provide 10 construction master keys.

2.6 KEYING

- A. Keying System: Factory registered, complying with guidelines in BHMA A156.28, verify keying requirements with Owner.

2.7 SURFACE CLOSERS

- A. Surface Closers: BHMA A156.4; 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 recommendations 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.

2.8 DOOR GASKETING

- A. Door Gasketing: BHMA A156.22; air leakage not to exceed 0.50 cfm per foot (0.000774 cu. m/s per m) of crack length for gasketing other than for smoke control, as tested according to ASTM E 283; with resilient or flexible seal strips that are easily replaceable and readily available from stocks maintained by manufacturer.

2.9 THRESHOLDS

- A. Thresholds: BHMA A156.21; fabricated to full width of opening indicated.

2.10 FABRICATION

- A. Fasteners: Provide door hardware manufactured to comply with published templates prepared for machine, wood, and sheet metal screws. Provide screws that comply with commercially recognized industry standards for application intended, except aluminum fasteners are not permitted. Provide Phillips flat-head screws with finished heads to match surface of door hardware, unless otherwise indicated.
 - 1. Concealed Fasteners: For door hardware units that are exposed when door is closed, except for units already specified with concealed fasteners. Do not use through bolts for installation where bolt head or nut on opposite face is exposed unless it is the only means of securely attaching the door hardware. Where through bolts are used on hollow door and frame construction, provide sleeves for each through bolt.
 - 2. Spacers or Sex Bolts: For through bolting of hollow-metal doors.

3. Gasketing Fasteners: Provide noncorrosive fasteners for exterior applications and elsewhere as indicated.

2.11 FINISHES

- A. Provide finishes complying with BHMA A156.18 as indicated in door hardware schedule.
- B. Protect mechanical finishes on exposed surfaces from damage by applying a strippable, temporary protective covering before shipping.

PART 3 - EXECUTION

3.1 INSTALLATION

- A. Steel Doors and Frames: For surface applied door hardware, drill and tap doors and frames according to ANSI/SDI A250.6.
- B. 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.
 2. Custom Steel Doors and Frames: HMMA 831.
- C. 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.
 1. Set units level, plumb, and true to line and location. Adjust and reinforce attachment substrates as necessary for proper installation and operation.
 2. Drill and countersink units that are not factory prepared for anchorage fasteners. Space fasteners and anchors according to industry standards.
- D. 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 (750 mm) of door height, whichever is more stringent, unless other equivalent means of support for door, such as spring hinges or pivots, are provided.
- E. Intermediate Offset Pivots: Where offset pivots are indicated, provide intermediate offset pivots in quantities indicated in door hardware schedule but not fewer than one

intermediate offset pivot per door and one additional intermediate offset pivot for every 30 inches (750 mm) of door height greater than 90 inches (2286 mm).

- F. Lock Cylinders: Install construction cores to secure building and areas during construction period.
 - 1. Replace construction cores with permanent cores as indicated in keying schedule.
- G. Thresholds: Set thresholds for exterior doors and other doors indicated in full bed of sealant complying with requirements specified in Section 079200 "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.
- 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.
- L. Adjustment: 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.

3.2 FIELD QUALITY CONTROL

- A. Independent Architectural Hardware Consultant: Owner will engage a qualified independent Architectural Hardware Consultant to perform inspections and to prepare inspection reports.

3.3 DOOR HARDWARE SCHEDULE

- A. Prepare Door Hardware Schedule for approval after coordination meeting.

END OF SECTION 08 71 00