

**ADDENDUM NO. 1
CITY OF RATON, NEW MEXICO
RATON MUNICIPAL AIRPORT
OCTOBER 1, 2021**

TO: All Planholders

RE: HANGAR

The following Addendum shall be incorporated into the Contract Documents for the above-referenced project.

A. PROJECT MANUAL

1. REQUEST FOR BIDS:
 - a. The Bid Opening has been extended to 2:00 p.m. (local time) on Wednesday, October 20, 2021. No other changes to the submittal guidelines of Bids have been made.
 - b. Contractor Questions may be submitted up until 5:00 p.m. (local time) on Wednesday, October 13, 2021 to allow for a final Addendum to be issued, if necessary, on Friday, October 15, 2021.
2. TITLE VI NONDISCRIMINATION ACT:
 - a. Insert immediately following REQUEST FOR BIDS, the Title VI Assurances Pages 1-3, included in this Addendum No. 1.
3. BID FORM:
 - a. Remove Paragraph 3.01 A. in its entirety and replace with the following:
 - “A. The Work to be performed under this Contract shall be commenced not later than ten (10) consecutive days after the date of written Notice to Proceed, and that Substantial Completion shall be achieved not later than one-hundred and twenty (120) calendar days after the date of written Notice to Proceed, except as hereafter extended by valid written Change Order by the Owner.”
4. SECTION 08 71 00 – DOOR HARDWARE:
 - a. Add Section 08 71 00 – Door Hardware, included in this Addendum No. 1.

B. DRAWINGS

1. SHEET C-101, GRADING AND DRAINAGE PLAN:
 - a. Add the following Keyed Note to Sheet C-101:
 - “(4) 4” NOMINAL DIA. SCH. 40 GALVANIZED STEEL PIPE BOLLARDS, FILLED WITH CONCRETE. BOLLARD TO EXTEND 4’ ABOVE FINISH GRADE, WITH 3’- 8” OF PIPE EMBEDDED INTO 12” DIA. CONCRETE FOUNDATION, THAT EXTENDS 4” MINIMUM BELOW PIPE. BOLLARD TO BE PAINTED SAFETY YELLOW ABOVE GRADE. BOLLARDS TO BE PLACED 10” INSIDE AND OUTSIDE OF HANGAR OVERHEAD DOOR OPENING.”

2. SHEET C-502, CONCRETE APRON DETAILS:
 - a. Sheet C-502 has been added and included in this Addendum No. 1.
3. SHEET A-100, CODE EVALUATION, EGRESS & LIFE SAFETY:
 - a. The R values on Sheet A-100 are from the New Mexico Energy Conservation Code (NMECC) 2018. Project specifications and wall sections show the prescriptive solution to the insulation requirements shown in table C402.1.3, Bidders are free to use other methods that meet these NMECC requirements and are compatible with the structure and finishes.

C. RESPONSES TO CONTRACTOR QUESTIONS (Responses are in **Bold/Italics).**

1. Are there any cash allowances?
No.
2. Is DOT membership or registration required?
No.
3. Building dimensions on S-101 are not the same as A-101. Also S-101 is dimensioned to the outside of building and A-101 is to the center of the beam. Please Advise?
Use dimensions from centerlines per Sheet A-101.
4. Plans state door schedule is on A-501 which is not part of the plans.
Reference Specifications for the two manddoors. These will be standard 3' x 7' openings.
5. S-301 detail #4 shows 2 - #5 horizontal bars please advise on the other 6 horizontals.
All eight horizontal bars are #5's. (Two pairs top and bottom and two pairs of two equally spaced vert per detail.)
6. Bid sheet. On the alternate bid shows 68' x 58' ? Also is this for the extra cost to enlarge or full lump sum?
The alternate is the cost to enlarge the building from the Base Bid size of 50' x 58' to 57' x 68'.
7. We have reached out to a couple of metal building providers, one of which is the Alliance and Mueller. They engineer the building around the door chosen. (alternate door from Higher Power included with this question)
The type of door attached is acceptable. It must have equivalent performance, wind resistance, electrical requirements, warranty, finishes, etc. The clear opening of the door shown will remain a requirement. Any edits to the design to accommodate the revised detailing components, lighting / heating coordination, and dimensions etc. will be the responsibility of the Contractor.
8. I was told that the Estimates for Pre-Eng Metal building is about 2-3 wks out.
The Bid Opening has been extended, see A. 1. a.

9. Is there a chance we can delay the bid so we can get prices from the building manufacturer?

See Answer to Question 8.

10. Who is providing the smoke detectors?

The General Contractor is responsible for providing smoke detectors as part of the Bid Package.

11. I heard we might have the option to use spray foam insulation?

Yes. The insulation called for and detailed on the Drawings is the prescriptive method called for in the NMECC. Alternate detailing that meets the performance requirements is acceptable. Finishes and any effected detailing to other components would need to be accounted for and included in the Bid.

B. PRE-BID CONFERENCE MEETING MINUTES AND SIGN IN SHEET

A Pre-Bid Conference Meeting was held at 1:00 p.m. (local time) on Thursday, September 23, 2021 at the project site: Raton Municipal Airport / Crews Field, 33788 U.S. Highway 64 W., Raton, New Mexico 87740. Meeting Minutes and Sign-In Sheet are attached hereto and made part of this Addendum No. 1. Questions received at the Pre-Bid Conference and via e-mail are addressed to the best of the Engineer's ability. Be advised that oral statements made at the Pre-Bid Conference, which are not explicitly documented in writing, are non-binding.

All other provisions of the Contract Documents shall remain unchanged. This Addendum is hereby made part of the Contract Documents to the same extent as those contained in the original documents and all itemized listings thereof.

Each Bidder shall acknowledge receipt of this Addendum No. 1 on the Bid Proposal form in the space provided.

MOLZEN CORBIN

Jeremy
Alford

Digitally signed by Jeremy Alford
DN: cn=Jeremy Alford, o=Molzen
Corbin, ou=Architect,
email=jalford@MolzenCorbin.com,
c=US
Date: 2021.10.01 14:04:52 -0600

10/01/2021

Jeremy Scott Alford, RA

Date

A.7 GENERAL CIVIL RIGHTS PROVISIONS

The Contractor agrees to comply with pertinent statutes, Executive Orders and such rules as are promulgated to ensure that no person shall, on the grounds of race, creed, color, national origin, sex, age, or disability be excluded from participating in any activity conducted with or benefiting from Federal assistance.

This provision binds the Contractor and subcontractors from the Bid solicitation period through the completion of the contract. This provision is in addition to that required by Title VI of the Civil Rights Act of 1964.

A.8 COMPLIANCE WITH NONDISCRIMINATION REQUIREMENTS

During the performance of this contract, the Contractor, for itself, its assignees, and successors in interest (hereinafter referred to as the "Contractor"), agrees as follows:

1. Compliance with Regulations: The Contractor (hereinafter includes consultants) will comply with the Title VI List of Pertinent Nondiscrimination Acts and Authorities, as they may be amended from time to time, which are herein incorporated by reference and made a part of this contract.

2. Nondiscrimination: The Contractor, with regard to the work performed by it during the contract, will not discriminate on the grounds of race, color, or national origin in the selection and retention of subcontractors, including procurements of materials and leases of equipment. The Contractor will not participate directly or indirectly in the discrimination prohibited by the Nondiscrimination Acts and Authorities, including employment practices when the contract covers any activity, project, or program set forth in Appendix B of 49 CFR part 21.

3. Solicitations for Subcontracts, including Procurements of Materials and Equipment: In all solicitations, either by competitive bidding or negotiation made by the Contractor for work to be performed under a subcontract, including procurements of materials, or leases of equipment, each potential subcontractor or supplier will be notified by the Contractor of the contractor's obligations under this contract and the Nondiscrimination Acts and Authorities on the grounds of race, color, or national origin.

4. Information and Reports: The Contractor will provide all information and reports required by the Acts, the Regulations, and directives issued pursuant thereto and will permit access to its books, records, accounts, other sources of information, and its facilities as may be determined by the sponsor or the Federal Aviation Administration to be pertinent to ascertain compliance with such Nondiscrimination Acts and Authorities and instructions. Where any information required of a contractor is in the exclusive possession of another who fails or refuses to furnish the information, the Contractor will so certify to the sponsor or the Federal Aviation Administration, as appropriate, and will set forth what efforts it has made to obtain the information.

5. Sanctions for Noncompliance: In the event of a Contractor's noncompliance with the non-discrimination provisions of this contract, the sponsor will impose such contract sanctions as it or the Federal Aviation Administration may determine to be appropriate, including, but not limited to:

a) Withholding payments to the Contractor under the contract until the Contractor complies; and/or

b) Cancelling, terminating, or suspending a contract, in whole or in part.

6. Incorporation of Provisions: The Contractor will include the provisions of paragraphs one through six in every subcontract, including procurements of materials and leases of equipment, unless exempt by the Acts, the Regulations, and directives issued pursuant thereto. The Contractor will take action with respect to any subcontract or procurement as the sponsor or the Federal Aviation Administration may direct as a means of enforcing such provisions including sanctions for noncompliance. Provided, that if the Contractor becomes involved in, or is threatened with litigation by a subcontractor, or supplier because of such direction, the Contractor may request the sponsor to enter into any litigation to protect the interests of the sponsor. In addition, the Contractor may request the United States to enter into the litigation to protect the interests of the United States.

A.9 TITLE VI LIST OF PERTINENT NONDISCRIMINATION ACTS AND AUTHORITIES

During the performance of this contract, the Contractor, for itself, its assignees, and successors in interest (hereinafter referred to as the "Contractor") agrees to comply with the following non-discrimination statutes and authorities; including but not limited to:

- Title VI of the Civil Rights Act of 1964 (42 USC § 2000d *et seq.*, 78 stat. 252) (prohibits discrimination on the basis of race, color, national origin);
- 49 CFR part 21 (Non-discrimination in Federally-assisted programs of the Department of Transportation—Effectuation of Title VI of the Civil Rights Act of 1964);
- The Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, (42 USC § 4601) (prohibits unfair treatment of persons displaced or whose property has been acquired because of Federal or Federal-aid programs and projects);
- Section 504 of the Rehabilitation Act of 1973 (29 USC § 794 *et seq.*), as amended (prohibits discrimination on the basis of disability); and 49 CFR part 27;
- The Age Discrimination Act of 1975, as amended (42 USC § 6101 *et seq.*) (prohibits discrimination on the basis of age);
- Airport and Airway Improvement Act of 1982 (49 USC § 471, Section 47123), as amended (prohibits discrimination based on race, creed, color, national origin, or sex);

- The Civil Rights Restoration Act of 1987 (PL 100-209) (broadened the scope, coverage and applicability of Title VI of the Civil Rights Act of 1964, the Age Discrimination Act of 1975 and Section 504 of the Rehabilitation Act of 1973, by expanding the definition of the terms “programs or activities” to include all of the programs or activities of the Federal-aid recipients, sub-recipients and contractors, whether such programs or activities are Federally funded or not);
- Titles II and III of the Americans with Disabilities Act of 1990, which prohibit discrimination on the basis of disability in the operation of public entities, public and private transportation systems, places of public accommodation, and certain testing entities (42 USC §§ 12131 – 12189) as implemented by U.S. Department of Transportation regulations at 49 CFR parts 37 and 38;
- The Federal Aviation Administration’s Nondiscrimination statute (49 USC § 47123) (prohibits discrimination on the basis of race, color, national origin, and sex);
- Executive Order 12898, Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations, which ensures nondiscrimination against minority populations by discouraging programs, policies, and activities with disproportionately high and adverse human health or environmental effects on minority and low-income populations;
- Executive Order 13166, Improving Access to Services for Persons with Limited English Proficiency, and resulting agency guidance, national origin discrimination includes discrimination because of limited English proficiency (LEP). To ensure compliance with Title VI, you must take reasonable steps to ensure that LEP persons have meaningful access to your programs (70 Fed. Reg. at 74087 to 74100);
- Title IX of the Education Amendments of 1972, as amended, which prohibits you from discriminating because of sex in education programs or activities (20 USC 1681 et seq).

SECTION 08 71 00

DOOR HARDWARE

PART 1 - GENERAL

1.1 SUMMARY:

- A. Section Includes: Finish Hardware for door openings, except as otherwise specified herein.
1. Door hardware for steel (hollow metal) doors.
 2. Door hardware for aluminum doors.
 3. Door hardware for wood doors.
 4. Door hardware for other doors indicated.
 5. Keyed cylinders as indicated.
- B. Related Sections:
1. Division 6: Rough Carpentry.
 2. Division 8: Aluminum Doors and Frames
 3. Division 8: Hollow Metal Doors and Frames.
 4. Division 8: Wood Doors.
 5. Division 26 Electrical
 6. Division 28: Electronic Security
- C. References: Comply with applicable requirements of the following standards. Where these standards conflict with other specific requirements, the most restrictive shall govern.
1. Builders Hardware Manufacturing Association (BHMA)
 2. NFPA 101 Life Safety Code
 3. NFPA 80 -Fire Doors and Windows
 4. ANSI-A156.xx- Various Performance Standards for Finish Hardware
 5. UL10C – Positive Pressure Fire Test of Door Assemblies
 6. ANSI-A117.1 – Accessible and Usable Buildings and Facilities
 7. DHI /ANSI A115.IG – Installation Guide for Doors and Hardware
 8. ICC – International Building Code
- D. Intent of Hardware Groups
1. Should items of hardware not definitely specified be required for completion of the Work, furnish such items of type and quality comparable to adjacent hardware and appropriate for service required.
 2. Where items of hardware aren't definitely or correctly specified, are required for completion of the Work, a written statement of such omission, error, or other discrepancy to be submitted to Architect, prior to date specified for receipt of bids for clarification by addendum; or, furnish such items in the type and quality established by this specification, and appropriate to the service intended.
- E. Allowances
1. Refer to Division 1 for allowance amount and procedures.
- F. Alternates
1. Refer to Division 1 for Alternates and procedures.

- 1.2 SUBSTITUTIONS:
- A. Comply with Division 1.
- 1.3 SUBMITTALS:
- A. Comply with Division 1.
- B. Special Submittal Requirements: Combine submittals of this Section with Sections listed below to ensure the "design intent" of the system/assembly is understood and can be reviewed together.
- C. Product Data: Manufacturer's specifications and technical data including the following:
1. Detailed specification of construction and fabrication.
 2. Manufacturer's installation instructions.
 3. Wiring diagrams for each electric product specified. Coordinate voltage with electrical before submitting.
 4. Submit 6 copies of catalog cuts with hardware schedule.
 5. Provide 9001-Quality Management and 14001-Environmental Management for products listed in Materials Section 2.2
- D. Shop Drawings - Hardware Schedule: Submit 6 complete reproducible copy of detailed hardware schedule in a vertical format.
1. List groups and suffixes in proper sequence.
 2. Completely describe door and list architectural door number.
 3. Manufacturer, product name, and catalog number.
 4. Function, type, and style.
 5. Size and finish of each item.
 6. Mounting heights.
 7. Explanation of abbreviations and symbols used within schedule.
 8. Detailed wiring diagrams, specially developed for each opening, indicating all electric hardware, security equipment and access control equipment, and door and frame rough-ins required for specific opening.
- E. Templates: Submit templates and "reviewed Hardware Schedule" to door and frame supplier and others as applicable to enable proper and accurate sizing and locations of cutouts and reinforcing.
1. Templates, wiring diagrams and "reviewed Hardware Schedule" of electrical terms to electrical for coordination and verification of voltages and locations.
- F. Samples: (If requested by the Architect)
1. 1 sample of Lever and Rose/Escutcheon design, (pair).
 2. 3 samples of metal finishes
- G. Contract Closeout Submittals: Comply with Division 1 including specific requirements indicated.
1. Operating and maintenance manuals: Submit 3 sets containing the following.
 - a. Complete information in care, maintenance, and adjustment, and data on repair and replacement parts, and information on preservation of finishes.
 - b. Catalog pages for each product.
 - c. Name, address, and phone number of local representative for each manufacturer.
 - d. Parts list for each product.
 2. Copy of final hardware schedule, edited to reflect, "As installed".

3. Copy of final keying schedule
4. As installed "Wiring Diagrams" for each piece of hardware connected to power, both low voltage and 110 volts.
5. One set of special tools required for maintenance and adjustment of hardware, including changing of cylinders.

1.4 QUALITY ASSURANCE

A. Comply with Division 1.

1. Statement of qualification for distributor and installers.
2. Statement of compliance with regulatory requirements and single source responsibility.
3. Distributor's Qualifications: Firm with 3 years experience in the distribution of commercial hardware.
 - a. Distributor to employ full time Architectural Hardware Consultants (AHC) for the purpose of scheduling and coordinating hardware and establishing keying schedule.
 - b. Hardware Schedule shall be prepared and signed by an AHC.
4. Installer's Qualifications: Firm with 3 years experienced in installation of similar hardware to that required for this Project, including specific requirements indicated.
5. Regulatory Label Requirements: Provide testing agency label or stamp on hardware for labeled openings.
 - a. Provide UL listed hardware for labeled and 20 minute openings in conformance with requirements for class of opening scheduled.
 - b. Underwriters Laboratories requirements have precedence over this specification where conflict exists.
6. Single Source Responsibility: Except where specified in hardware schedule, furnish products of only one manufacturer for each type of hardware.

- ##### B. Review Project for extent of finish hardware required to complete the Work. Where there is a conflict between these Specifications and the existing hardware, notify the Architect in writing and furnish hardware in compliance with the Specification unless otherwise directed in writing by the Architect.

1.5 DELIVERY, STORAGE, AND HANDLING

A. Packing and Shipping: Comply with Division 1.

1. Deliver products in original unopened packaging with legible manufacturer's identification.
2. Package hardware to prevent damage during transit and storage.
3. Mark hardware to correspond with "reviewed hardware schedule".
4. Deliver hardware to door and frame manufacturer upon request.

- ##### B. Storage and Protection: Comply with manufacturer's recommendations.

1.6 PROJECT CONDITIONS:

- ##### A. Coordinate hardware with other work. Furnish hardware items of proper design for use on doors and frames of the thickness, profile, swing, security and similar requirements indicated, as necessary for the proper installation and function, regardless of omissions or conflicts in the information on the Contract Documents.
- ##### B. Review Shop Drawings for doors and entrances to confirm that adequate provisions will be made for the proper installation of hardware.

1.7 WARRANTY:

- A. Refer to Conditions of the Contract
- B. Manufacturer's Warranty:
 - 1. Closers: Lifetime
 - 2. Exit Devices: Five Years
 - 3. Locksets & Cylinders: Three years
 - 4. All other Hardware: Two years.

1.8 OWNER'S INSTRUCTION:

- A. Instruct Owner's personnel in operation and maintenance of hardware units.

1.9 MAINTENANCE:

- A. Extra Service Materials: Deliver to Owner extra materials from same production run as products installed. Package products with protective covering and identify with descriptive labels. Comply with Division 1 Closeout Submittals Section.
 - 1. Special Tools: Provide special wrenches and tools applicable to each different or special hardware component.
 - 2. Maintenance Tools: Provide maintenance tools and accessories supplied by hardware component manufacturer.
 - 3. Delivery, Storage and Protection: Comply with Owner's requirements for delivery, storage and protection of extra service materials.
- B. Maintenance Service: Submit for Owner's consideration maintenance service agreement for electronic products installed.

PART 2 - PRODUCTS

2.1 MANUFACTURERS:

- A. The following manufacturers are approved subject to compliance with requirements of the Contract Documents. Approval of manufacturers other than those listed shall be in accordance with Division 1.

<u>Item:</u>	<u>Manufacturer:</u>
Hinges	Stanley
Locksets	Best
Cylinders	Best
Exit Devices	Precision
Closers	Stanley
Protection Plates	Trimco
Threshold & Gasketing	National Guard

2.2 MATERIALS:

- A. Hinges: Shall be Five Knuckle Ball bearing hinges
 - 1. Template screw hole locations
 - 2. Bearings are to be fully hardened.
 - 3. Bearing shell is to be consistent shape with barrel.

4. Minimum of 2 permanently lubricated non-detachable bearings on standard weight hinge and 4 permanently lubricated bearing on heavy weight hinges.
5. Equip with easily seated, non-rising pins.
6. Non Removable Pin screws shall be slotted stainless steel screws.
7. Hinges shall be full polished, front, back and barrel.
8. Hinge pin is to be fully plated.
9. Bearing assembly is to be installed after plating.
10. Sufficient size to allow 180-degree swing of door
11. Furnish five knuckles with flush ball bearings
12. Provide hinge type as listed in schedule.
13. Furnish 3 hinges per leaf to 7 foot 6 inch height. Add one for each additional 30 inches in height or fraction thereof.
14. Tested and approved by BHMA for all applicable ANSI Standards for type, size, function and finish
15. UL10C listed for Fire rated doors.

B. Geared Continuous Hinges:

1. Tested and approved by BHMA for ANSI A156.26-1996 Grade 1
2. Anti-spinning through fastener
3. UL10C listed for 3 hour Fire rating
4. Non-handed
5. Lifetime warranty
6. Provide Fire Pins for 3-hour fire ratings
7. Sufficient size to permit door to swing 180 degrees

C. Exit Devices:

1. Exit devices to meet or exceed BHMA for ANSI 156.3, Grade 1.
2. Exit devices to be tested and certified by UL or by a recognized independent laboratory for mechanical operational testing to 10 million cycles minimum with inspection confirming Grade 1 Loaded Forces have been maintained.
3. Exit devices chassis to be investment cast steel, zinc dichromate.
4. Exit devices to have stainless steel deadlocking $\frac{3}{4}$ " through latch bolt.
5. Exit devices to be equipped with sound dampening on touchbar.
6. Non-fire rated exit devices to have cylinder dogging.
7. Non-fire rated exit devices to have $\frac{1}{4}$ " minimum turn hex key dogging.
8. Touchpad to be "T" style constructed of architectural metal with matching metal end caps.
9. Touchbar assembly on wide style exit devices to have a $\frac{1}{4}$ " clearance to allow for vision frames.
10. All exposed exit device components to be of architectural metals and "true" architectural finishes.
11. Provide strikes as required by application.
12. Fire exit hardware to conform to UL10C and UBC 7-2. UL tested for Accident Hazard.
13. The strike is to be black powder coated finish.
14. Exit devices to have field reversible handing.
15. Provide heavy duty vandal resistant lever trim with heavy duty investment cast stainless steel components and extra strength shock absorbing overload springs. Lever shall not require resetting. Lever design to match locksets and latchsets.
16. Provide 9001-Quality Management and 14001-Environmental Management.
17. Vertical Latch Assemblies to have gravity operation, no springs.
18. Exit Device Intruder Function Visual Indicator is to be used in conjunction with the ANSI "10" Function, which allows the outside lever trim to be locked from the inside while the door remains closed. Rim cylinder on the exterior/trim side retracts the latch from the outside.
 - a. Indicator to be actuated by a rim cylinder equipped with a keyed core or thumb-turn.
 - b. Directional indicator feature shall have a large status indicator window with directional pointer embossed into the active case cover to indicate key turn direction to lock and unlock outside lever trim. Labels or stickers are not acceptable.

- c. The status indicator window shall be integrated into the housing of the exit device and is to contain bright reflective material that may be seen in low light conditions.
 - d. Indicator window to be protected by impact resistant lens cover.
 - e. The action to lock down/unlock shall require a quarter turn (90°) of key or thumb turn.
 - 1) Locked status shall be indicated by a red indicator that will appear under the lens cover with an image of a locked padlock.
 - 2) Unlocked status shall be indicated by a green indicator that will appear under the lens of the cover with an image of an unlocked padlock.
- D. Cylinders:
- 1. Provide the necessary cylinder housings, collars, rings & springs as recommended by the manufacturer for proper installation.
 - 2. Provide the proper cylinder cams or tail piece as required to operate all locksets and other keyed hardware items listed in the hardware sets.
 - 3. Coordinate and provide as required for related sections.
- E. Door Closers shall:
- 1. Tested and approved by BHMA for ANSI 156.4, Grade 1
 - 2. UL10C certified
 - 3. Provide 9001-Quality Management and 14001-Environmental Management.
 - 4. Closer shall have extra-duty arms and knuckles
 - 5. Conform to ANSI 117.1
 - 6. Maximum 2 7/16 inch case projection with non-ferrous cover
 - 7. Separate adjusting valves for closing and latching speed, and backcheck
 - 8. Provide adapter plates, shim spacers and blade stop spacers as required by frame and door conditions
 - 9. Full rack and pinion type closer with 1½" minimum bore
 - 10. Mount closers on non-public side of door, unless otherwise noted in specification
 - 11. Closers shall be non-handed, non-sized and multi-sized.
- F. Kickplates: Provide with four beveled edges ANSI J102, 10 inches high by width less 2 inches on single doors and 1 inch on pairs of doors. Furnish oval-head countersunk screws to match finish.
- G. Mop plates: Provide with four beveled edges ANSI J103, 4 inches high by width less 1 inch on single doors and 1 inch on pairs of doors. Furnish oval-head countersunk screws to match finish.
- H. Seals: All seals shall be finished to match adjacent frame color. Seals shall be furnished as listed in schedule. Material shall be UL listed for labeled openings.
- I. Weatherstripping: Provide at head and jambs only those units where resilient or flexible seal strip is easily replaceable. Where bar-type weatherstrip is used with parallel arm mounted closers install weatherstrip first.
- 1. Weatherstrip shall be resilient seal of (Neoprene, Polyurethane, Vinyl, Pile, Nylon Brush, Silicone)
 - 2. UL10C Positive Pressure rated seal set when required.
- J. Door Bottoms/Sweeps: Surface mounted or concealed door bottom where listed in the hardware sets.
- 1. Door seal shall be resilient seal of (Neoprene, Polyurethane, Nylon Brush, Silicone)
 - 2. UL10C Positive Pressure rated seal set when required.
- K. Thresholds: Thresholds shall be aluminum beveled type with maximum height of ½" for conformance with ADA requirements. Furnish as specified and per details. Provide fasteners and screws suitable for floor conditions.

2.3 FINISH:

- A. Designations used in Schedule of Finish Hardware - 3.05, and elsewhere to indicate hardware finishes are those listed in ANSI/BHMA A156.18 including coordination with traditional U.S. finishes shown by certain manufacturers for their products
- B. Powder coat door closers to match other hardware, unless otherwise noted.
- C. Aluminum items shall be finished to match predominant adjacent material. Seals to coordinate with frame color.

2.4 KEYS AND KEYING:

- A. Provide keyed brass construction cores and keys during the construction period. Construction control and operating keys and core shall not be part of the Owner's permanent keying system or furnished in the same keyway (or key section) as the Owner's permanent keying system. Permanent cores and keys (prepared according to the accepted keying schedule) will be furnished to the Owner.
- B. Cylinders, removable and interchangeable core system: Best CORMAX™ Patented 7-pin.
- C. Permanent keys and cores: Stamped with the applicable key mark for identification. These visual key control marks or codes will not include the actual key cuts. Permanent keys will also be stamped "Do Not Duplicate."
- D. Transmit Grand Masterkeys, Masterkeys and other Security keys to Owner by Registered Mail, return receipt requested.
- E. Furnish keys in the following quantities:
 - 1. 1 each Grand Masterkeys
 - 2. 4 each Masterkeys
 - 3. 2 each Change keys each keyed core
 - 4. 15 each Construction masterkeys
 - 5. 1 each Control keys
- F. The Owner, or the Owner's agent, will install permanent cores and return the construction cores to the Hardware Supplier. Construction cores and keys remain the property of the Hardware Supplier.
- G. Keying Schedule: Arrange for a keying meeting, and programming meeting with Architect Owner and hardware supplier, and other involved parties to ensure locksets and locking hardware, are functionally correct and keying and programming complies with project requirements. Furnish 3 typed copies of keying and programming schedule to Architect.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Verification of conditions: Examine doors, frames, related items and conditions under which Work is to be performed and identify conditions detrimental to proper and or timely completion.
 - 1. Do not proceed until unsatisfactory conditions have been corrected.

3.2 HARDWARE LOCATIONS:

- A. Mount hardware units at heights indicated in the following publications except as specifically indicated or required to comply with the governing regulations.

1. Recommended Locations for Builder's Hardware for Standard Steel Doors and Frames, by the Door and Hardware Institute (DHI).
2. Recommended locations for Architectural Hardware for flush wood doors (DHI).
3. WDMA Industry Standard I.S.-1A-04, Industry Standard for Architectural wood flush doors.

3.3 INSTALLATION:

- A. Install each hardware item per manufacturer's instructions and recommendations. Do not install surface mounted items until finishes have been completed on the substrate. Set units level, plumb and true to line and location. Adjust and reinforce the attachment substrate as necessary for proper installation and operation.
- B. Conform to local governing agency security ordinance.
- C. Install conforming to ICC/ANSI A117.1 Accessible and Usable Building and Facilities.
 1. Adjust door closer sweep periods so that from the open position of 70 degrees, the door will take at least 3 seconds to move to a point 3 inches from the latch, measured to the landing side of the door.
- D. Installed hardware using the manufacturers fasteners provided. Drill and tap all screw holes located in metallic materials. Do not use "Riv-Nuts" or similar products.

3.4 FIELD QUALITY CONTROL AND FINAL ADJUSTMENT

- A. Contractor/Installers, Field Services: After installation is complete, contractor shall inspect the completed door openings on site to verify installation of hardware is complete and properly adjusted, in accordance with both the Contract Documents and final shop drawings.
 1. Check and adjust closers to ensure proper operation.
 2. Check latchset, lockset, and exit devices are properly installed and adjusted to ensure proper operation.
 - a. Verify levers are free from binding.
 - b. Ensure latchbolts and dead bolts are engaged into strike and hardware is functioning.
 3. Report findings, in writing, to architect indicating that all hardware is installed and functioning properly. Include recommendations outlining corrective actions for improperly functioning hardware if required.

3.5 SCHEDULE OF FINISH HARDWARE:

Manufacturer List

<u>Code</u>	<u>Name</u>
BE	Best Access Systems
NA	National Guard
PR	Precision
ST	Stanley
TR	Trimco

Finish List

<u>Code</u>	<u>Description</u>
AL	Aluminum
626	Satin Chromium Plated
630	Satin Stainless Steel
689	Aluminum Painted
US32D	Stainless Steel, Dull

Option List

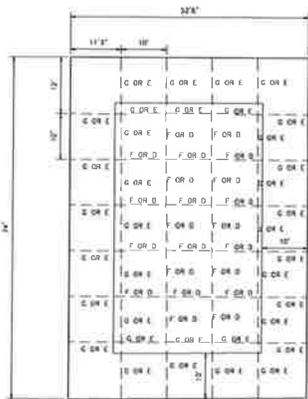
<u>Code</u>	<u>Description</u>
LD	Less Dogging
CSK	Counter Sunk Screw Holes
B4E	Beveled 4 Edges

Hardware Sets

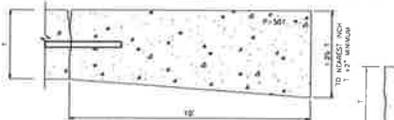
SET #1.0

Doors: 1, 2

3 Hinges	FBB191 4 1/2 X 4 1/2 NRP	US32D	ST
1 Exit Device	2103 X 4903A LD	630	PR
1 Rim Cylinder	12E-72 PATD	626	BE
1 Door Closer - Cush Stop	QDC119	689	ST
1 Kick Plate	K0050 10" x 2" LDW B4E CSK	630	TR
1 Drip Cap	16 A - 4" ODW		NA
1 Weatherstrip	160SA Head & Jambs		NA
1 Door Sweep	200NA		NA
1 Handicap Threshold	513A	AL	NA



NOTES
 1. 1/2" TC BAR ON 30" CENTER
 2. DOWEL BAR IS P DIA. 18" LONG 12" O.C.
 3. SUBMIT JOINT LAYOUT PLAN FOR ENGINEER REVIEW BEFORE PLACEMENT

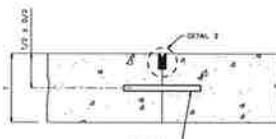


TYPE B-THICKENED EDGE
 SCALE: NONE

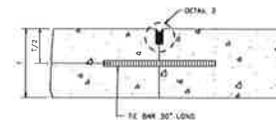


TYPE H DUMMY
 SCALE: NONE

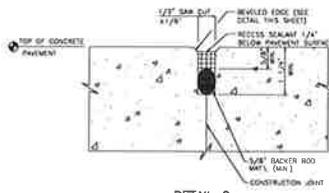
CONSTRUCTION JOINTS



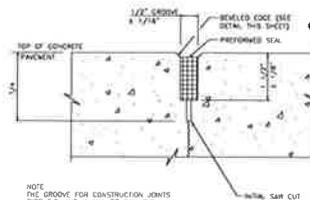
TYPE D-DOWELED
 SCALE: NONE



TYPE E-HINGED
 SCALE: NONE

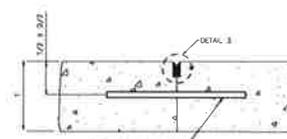


DETAIL 2
 SCALE: NONE

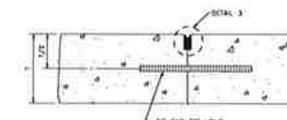


DETAIL 3
 SCALE: NONE

CONTRACTION JOINTS



TYPE F-DOWELED
 SCALE: NONE



TYPE G-HINGED
 SCALE: NONE

MOLZENCORBIN

2781 Main Road SE
 Albuquerque, New Mexico 87103
 505.243.1980 (local)
 505.762.0875 (fax)
 MolzenCorbin.com

NOTE: IF FINISHING CONTRACTOR REQUESTS
 AN UNUSUAL JOINT LOCATION, THE CONTRACTOR SHALL
 PROVIDE A LETTER TO THE ENGINEER AND ARCHITECT
 FOR AN UNUSUAL JOINT LOCATION APPROVAL

NUMERIC SCALE CONFIRMATION
 DIMENSIONS ARE DENOTED AS INTENDED
 UNLESS NOTED OTHERWISE

DATE	DESCRIPTION	BY	CHECKED
10/1/2021	CONCRETE APRON DETAILS	JUAN CARLOS	JUAN CARLOS
10/1/2021	CONCRETE APRON DETAILS	JUAN CARLOS	JUAN CARLOS
10/1/2021	CONCRETE APRON DETAILS	JUAN CARLOS	JUAN CARLOS
10/1/2021	CONCRETE APRON DETAILS	JUAN CARLOS	JUAN CARLOS
10/1/2021	CONCRETE APRON DETAILS	JUAN CARLOS	JUAN CARLOS
10/1/2021	CONCRETE APRON DETAILS	JUAN CARLOS	JUAN CARLOS
10/1/2021	CONCRETE APRON DETAILS	JUAN CARLOS	JUAN CARLOS
10/1/2021	CONCRETE APRON DETAILS	JUAN CARLOS	JUAN CARLOS
10/1/2021	CONCRETE APRON DETAILS	JUAN CARLOS	JUAN CARLOS

CONCRETE APRON DETAILS

LANGAR
 BATON MUNICIPAL AIRPORT CREWS FIELD (R-1)
 CITY OF BATON, NEW MEXICO

C-502

SHEET

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PRE-BID CONFERENCE
Raton Municipal Airport
Hangar

PRE-BID MEETING MINUTES

PROJECT: Raton Municipal Airport - Hangar

LOCATION: Raton Municipal Airport / Crews Field

DATE: Thursday September 23, 2021

TIME: 1:00 p.m. (local time)

A. WELCOME

1. Introductions of all in attendance.

B. PROJECT DESCRIPTION

1. Construction Project consists of:
 - a. Approximately 3000 sf aircraft hangar
2. Construction Includes:
Cast-In-Place Concrete; Damp Proofing, Insulation, Sheet Metal Roofing, flashing and Trim, Elastomeric Sealants, Bi-Fold door, Painting, Pre-Engineered Metal Building, Plumbing, HVAC, Electrical Power, and Lighting; Earthwork, Asphalt, Concrete aprons, Utility Trenching, Piping and Connecting to Utilities and an Oil Separator System.

C. EXAMINATION OF BIDDING DOCUMENTS AND SITE

1. Before submitting a Bid, each Bidder must:
 - a. Examine the Bidding Documents thoroughly.
 - b. Visit the site to familiarize themselves with local conditions that may in any manner affect cost, progress, or performance of the Work.
 - c. Familiarize themselves with federal, state, and local laws, ordinances, rules and regulations that may in any manner affect cost, progress, or performance of the Work.
 - d. Study and carefully correlate the Site observations with the Bidding Documents.
2. Self-guided visits to the unsecure areas can be performed anytime **Monday through Friday between the hours of 8:00 a.m. and 5:00 p.m. (local time)**, to conduct such investigations as each Bidder deems necessary for submission of their Bid.
3. Upon request, the Owner will provide each Bidder access to the secure areas site.

D. INTERPRETATIONS AND ADDENDA

1. Questions must be received by **5:00 p.m. (local time) on Wednesday, September 29, 2021**. Questions submitted thereafter may not be responded to in Addenda.

2. Only questions answered by formal written Addenda will be binding. Oral and other interpretations will be without legal effect.
3. Bidders and Subcontractors shall promptly notify the Architect/Engineer (A/E) of any ambiguity, inconsistency, or error which they may discover upon examination of the Bidding Documents or of the site and local conditions.
4. Responses will be published in Addenda and distributed to plan rooms and plan holders no later than **Friday, October 1, 2021**, except an Addendum withdrawing the Invitation for Bids or one which includes postponement of the date for receipt of Bids.

E. BIDDING DOCUMENTS

1. As stated in the Invitation for Bid, complete sets of the Bidding Documents may be viewed and/or obtained at the following locations:
 - a. City of Raton, Website: <https://ratonnm.gov>
 - b. Construction Reporter, 4901 McLeod Road NE, Albuquerque, New Mexico 87109; Phone: 505) 243-9793; Website: www.constructionreporter.com
 - c. Dodge Reports, Website: www.construction.com
 - d. Albuquerque Reprographics, Website: www.aripans.com
2. Complete sets of Bidding Documents shall be used in preparing Bids; the Owner does not assume responsibility for errors or misinterpretations resulting from the use of incomplete sets of Bidding Documents.
3. Molzen Corbin does not release partial sets of Bid Documents or CAD files for Bidding purposes.

F. SUBSTITUTE MATERIAL AND EQUIPMENT

1. Substitute Materials and Equipment: We are always eager to add Value to our clients' projects. The procedure for submitting Substitution Requests for this project follows the New Mexico Procurement Code, refer to Project Manual, Section 01 25 00 – Substitution Procedures.
2. No product is "approved" for Substitution prior to Bid. The Contract is based on material and equipment specified in the Specifications or described in the Drawings without consideration of possible substitute or "or-equal" items.
3. Where indicated that substitute or "or-equal" item of material or equipment may be furnished or used if acceptable to the A/E, application for substitution shall not be considered until after the effective date of the Contract.

G. SUBCONTRACTORS

1. A Bidder must list the Subcontractors he proposes to use on the Subcontractor Listing Form when the amount of that work exceeds the listing threshold of \$5,000.
2. If awarded the Contract, the Bidder shall use the firm listed, or themselves if "General Contractor" was listed.
3. Omission of or non-compliance with the intent of the Subcontractor Listing form will be grounds for considering a Bid as non-responsive.

H. BIDDING PROCEDURES AND SUBMISSION OF BIDS

1. Electronic Submittal Only.
 - a. Bids Due: **2:00 p.m. (local time), Wednesday October 6, 2021.**
2. Bid Submission:
 - a. Complete Bid documents, as required, by this ITB. ALL Specifications, submittal required documentation, supporting materials, certificates, etc. in addition to the Bid documents must be attached to form a complete responsive Bid (*NMSA 1978 13-1-82-85; NMSA 1978 13-1-133*).
 - b. The complete Bid Package consists of:
 - Bid Form,
 - Bid Bond,
 - Resident Contractor Certification,
 - Resident Veterans Preference Certifications,
 - Subcontractor Listing,
 - Bidder's Qualification Form
 - Non-Collusion Affidavit of Prime Bidder,
3. Bid submissions to the City of Raton: Deliver to City of Raton, PO Box 910, 224 Savage Avenue, Raton, New Mexico 87740.
4. A Bidder shall include within its Lump Sum Bid Amount, the amounts for all Utility Allowances and Cash Allowances in the Base Bid. Gross Receipts Tax shall not be included.
5. All Permit Fees are to be paid by the Contractor and should be included in your Bid. Plans shall be submitted to Construction Industries Division by the awarded Contractor.
6. Bids for the Contract will be presented in the form of a Lump Sum. Award will be made to the Bidder providing the lowest responsive Bid, entered at the end of that form.
7. It is the intent of the Owner to Award a Contract to the lowest responsible Bidder. The unreasonable failure of a Bidder to promptly supply information in connection with an inquiry with respect to responsibility is grounds for a determination that the Bidder is not a responsible Bidder.
8. Bids will remain subject to acceptance for **30 days** after the day of the Bid Opening.

I. REGISTRATION WITH DEPARTMENT OF WORKFORCE SOLUTIONS AND WAGE RATE APPLICABILITY

1. State Wage Rates are applicable to this Public Works Project, Decision Number CO-21-1709-B.
2. Contractors (including Subcontractors whose Bid will exceed \$60,000) must be registered with the NMDWS prior to Bid date.
3. Within **3 days** after award of the project, the awarded Contractor and all Subcontractors regardless of Bid / Contract amount, including second and third tier Subcontractors will be required to provide an Intent to Pay Prevailing Wages form and all must include their Federal Employer Identification Number.

J. OTHER IMPORTANT INFORMATION

1. Construction Time:
 - a. The work to be performed under this Contract is expected to begin within **10 consecutive calendar days** after the date of the written Notice to Proceed. (Project Manual, General Conditions of the Contract [00 7000] Article 1, 4.10.1).
2. The Work must be Substantially Complete within **30 calendar days** after the date of written Notice to Proceed unless construction time is extended by a change order executed by the Owner.
3. Liquidated damages: **\$100.00 per consecutive calendar day**.
4. Owner is the City of Raton. Funding is by the City of Raton and the State of New Mexico.

K. UPCOMING ADDENDUM ITEMS

1. Responses to questions and clarifications submitted to the A/E in writing.
2. Pre-Bid Meeting Minutes and Attendance Sheet.
3. Other additions, deletions, and changes to Bid Documents:
 - a. Construction time for Substantial Completion to be one-hundred and twenty (120) days.
 - b. Specifications:
 - 1) Add Section 08 70 00 – Door Hardware.
 - c. Electrical breakpoint clarification,
 - 1) Raton Public Service will provide the 3 phase power to a connection point. The project is responsible transformer, concrete pad, with protective bollards and all components down stream to the building.
4. City of Raton Comments.
 - a. Coordinate with Dusty Longwill for site access
 - b. Be aware that there are children living at the managers residence on site, drive with care
 - c. Metering for water usage can be set up at City hall
 - d. There is no power at the site currently, GC's expected to be self powered at the start of construction
5. Contractor Comments.
 - a. Is concrete acceptable in lieu of asphalt at the parking apron?
 - 1) Yes. A description of an alternate concrete section will be in issued via addendum

L. ADJOURN

PRE-BID CONFERENCE
Raton Municipal Airport
Hangar

PRE-BID MEETING ATTENDANCE SHEET

PROJECT: Raton Municipal Airport - Hangar

LOCATION: Raton Municipal Airport / Crews Field

DATE: Thursday September 23, 2021

TIME: 1:00 p.m. Local Time

LIST OF ATTENDEES

NAME	REPRESENTING	CONTACT PHONE/FAX or EMAIL
Jeremy Alford	Molzen Corbin	505-242-5700 jalford@molzencorbin.com
Scott Berry	City of Raton	575-445-9551 sberry@cityofraton.com
Juan Vigil	Vigil Contracting Inc.	vigilcontracting@comcast.net
Adam Archuleta	Archuleta Const	Adrianfank44@gmail.com
Brandon Mosley	Stoven Con.	brandonmosley@stovenconstruction.com
Juan Contreras	Contreras Construction	jcontreras@contrerasconstructioncorp.com
Dusty Longwill	Express Aviation Services	support@exaviationservices.com
Justin Lark	Mosark LLC	Lark_justin@yahoo.com
Jason Phillips	City of Raton	jphillips@cityofraton.com