

March 20, 2020

To: Plan Holders for Improvements to
Elton Hensley Memorial Airport
Fulton, Missouri
MoDOT Project No. 19-040A-2

Transmitted herewith is Addendum No. 2 to the Issued for Bid Contract Documents, Specifications, and Plans dated February 26, 2020 for improvements to the Elton Hensley Memorial Airport Schedules I - IV, Taxilane widening and Box hangars, including:

- Clarification of Bid Opening Attendance
- Changes/Clarifications
- Questions and Answers

As a reminder, bids are due Thursday, March 26, 2020 at 3:00 PM.

Sincerely,

Jviation, Inc.



Bryan Gregory, P.E.

Project Engineer

**ADDENDUM NO. 2
TO
CONTRACT DOCUMENTS, SPECIFICATIONS AND PLANS
FOR IMPROVEMENTS TO THE
ELTON HENSLEY MEMORIAL AIRPORT
FULTON, MISSOURI
MODOT PROJECT NO. 19-040A-2**

To All Bidders: You are requested to make all changes and/or additions contained in this addendum to the Bidding Documents. Failure to acknowledge this Addendum in Proposal may result in rejection of bid. Bidders are informed that the above referenced Contract Documents, Specifications and Plans are modified as follows as of March 20, 2020:

1. No In-Person Bid Opening Attendance

Due to current restrictions on gatherings, Fulton City Hall has been closed to non-employees. As a result, there will be no bidders allowed in attendance at the bid opening. Bids should preferably be sent via mail, Fedex, UPS, etc. to arrive no later than 3:00 on March 26, 2020. If a bidder absolutely must drop off a bid in person, please inform the attendant at the drive-through utility payment window that a package is to be delivered to the City Clerk and they will have someone meet you at the door to receive the bid. The bid opening will be available for viewing via live stream at <http://fultonmo.org/departments-1/admin/fact/factive/>. Thank you for your understanding and cooperation with these extraordinary circumstances.

2. CHANGES/CLARIFICATIONS

- A. Bidders are directed to not include insulation costs in building bid items A-100b, A100c, and A-101b. These items should be designed and bid in such a manner as to accept insulation, even if that insulation is not installed as part of this project.
- B. Add bid item A-100d, "Insulate Exterior Walls, Roof, and Door with Minimum R-13 Insulation". Disclosure: in lieu of awarding this work, the City may elect to perform this work themselves after completion of the Contractor's work.
- C. New Bidding forms are attached in support of the above changes. Sheet G002 in the plan set and page "Section 1-2" in the contract documents are hereby revised accordingly, but are not provided as part of this addendum.
- D. In further clarification of Addendum 1 and in accordance with the above changes, the R13 insulation will be adequate for roof applications as well.
- E. Federal and state wage rates were verified on March 19, 2020 and are still current as published. Since we are within a 10 day window of bidding, the wage rates will not be changed for this project.

3. QUESTIONS in black, ANSWERS in red

- A. I see that the bi-fold doors will have 4" faced blanket insulation but is there interior liner sheeting on the bi-fold doors or is it just exposed faced blanket insulation? **See above clarifications, but there is no interior liner sheeting.**
- B. Section 2.01 – Bi-Fold Hangar Doors /Part E. Electrical Operators of bifold doors – 2. Enclosures: Control panels shall be enclosed Nema 4 Control boxes to allow water tight

- enclosures...This is not standard is there a reason they need to have water tight control boxes & Push buttons? **NEMA 4 boxes are not required. NEMA 1 boxes are sufficient.**
- C. Section 2.04 – Operation of Panels / Part A. Motor Operation of bifold Hangar doors – 2. Controls: The control Boxes shall be Nema ICS 6 type 4 boxes on the interior...Again do these need to be water tight? **NEMA 4 boxes are not required. NEMA 1 boxes are sufficient.**
- D. It appears there is liner panels on all the interior walls? Please verify. **Per pre-bid meeting minutes, it is acceptable to only have sheeting on one side of interior walls to allow for bracing on the other side.**
- E. What height does the liner panel need to go to? **The liner panel should extend to the bottom of the roof deck or structure to provide separation between hangar bays**
- F. Sheets A3.01 & A4.01 indicate a ceiling at 12'-0". It appears 12'-0" is the height the lights are to be hung. Assuming there is no actual ceiling. Please verify. **There is no ceiling required separate from the roof structure/insulation. Lights are to be suspended from the ceiling. Nothing should be less than 12'-0" from the floor.**
- G. Read that no conduit shall be in the slab, but would it be ok to come in under and up through the slab with the conduit for the individual circuits? **Yes, this is acceptable**
- H. [Manufactured building manufacturer] is not on the list of approved manufacturers. Are we to submit a pre-approval packet? **No pre-approval packet is necessary. Any manufacturer who can show previous experience and the ability to comply with the plans and specifications will be approved.**
- I. SSPC Paint 20 is listed as the priming standard. Our standard is SSPC Paint 15 per MBMA. Is this acceptable? **SSPC 15 will be acceptable in lieu of SSPC 20.**
- J. Can the primer on primary framing be our standard dark gray in lieu of red oxide? **Grey will be acceptable in lieu of red oxide.**
- K. Our standard secondary is galvanized, not red oxide as specified. Is this acceptable? **Yes, this is acceptable.**

**** END OF ADDENDUM NO. 2 ****

SCHEDULE II						
Item No.	Description		Units	Estimated Quantity	Unit Price	Total
C-105a	Mobilization	at the unit price of: _____ dollars and _____ cents.	LS	1	\$	\$
E-100	Electrical Service, Meter and Panels	at the unit price of: _____ dollars and _____ cents.	LS	1	\$	\$
E-101	Electrical - Power	at the unit price of: _____ dollars and _____ cents.	LS	1	\$	\$
E-102	Electrical - Lighting	at the unit price of: _____ dollars and _____ cents.	LS	1	\$	\$
A-100a	Concrete Foundation and Slab - 4 Unit Box Hangar	at the unit price of: _____ dollars and _____ cents.	LS	1	\$	\$
A-100b	Pre-Engineered Metal Building - 4 Unit Box Hangar (Complete)	at the unit price of: _____ dollars and _____ cents.	LS	1	\$	\$
A-100c	Bi-Fold Hangar Door	at the unit price of: _____ dollars and _____ cents.	EA	4	\$	\$
A-100d	Insulate Exterior Walls, Roof, and Door with Minimum R-13 Insulation	at the unit price of: _____ dollars and _____ cents.	LS	1	\$	\$

SCHEDULE II TOTAL \$ _____

SCHEDULE III						
Item No.	Description		Units	Estimated Quantity	Unit Price	Total
C-105a	Mobilization	at the unit price of: _____ dollars and _____ cents.	LS	1	\$	\$
P-152b	24 inch Subgrade	at the unit price of: _____ dollars and _____ cents.	SY	145	\$	\$
P-209a	Crushed Aggregate Base Course	at the unit price of: _____ dollars and _____ cents.	SY	145	\$	\$
MoDOT-502a	6" Portland Cement Concrete Pavement	at the unit price of: _____ dollars and _____ cents.	SY	145	\$	\$
P-620a	Airport Pavement Marking (Yellow)	at the unit price of: _____ dollars and _____ cents.	SF	125	\$	\$
P-620b	Airport Pavement Marking (Black)	at the unit price of: _____ dollars and _____ cents.	SF	140	\$	\$
E-100	Electrical Service, Meter and Panels	at the unit price of: _____ dollars and _____ cents.	LS	1	\$	\$
E-101	Electrical - Power	at the unit price of: _____ dollars and _____ cents.	LS	1	\$	\$
E-102	Electrical - Lighting	at the unit price of: _____ dollars and _____ cents.	LS	1	\$	\$
A-100c	Bi-Fold Hangar Door	at the unit price of: _____ dollars and _____ cents.	EA	1	\$	\$
A-100d	Insulate Exterior Walls, Roof, and Door with Minimum R-13 Insulation	at the unit price of: _____ dollars and _____ cents.	LS	1	\$	\$
A-101a	Additional Concrete Foundation and Slab - 1 Unit Box Hangar	at the unit price of: _____ dollars and _____ cents.	LS	1	\$	\$
A-101b	Additional Pre-Engineered Metal Building - 1 Unit Box Hangar	at the unit price of: _____ dollars and _____ cents.	LS	1	\$	\$

SCHEDULE III TOTAL \$ _____

SCHEDULE IV						
Item No.	Description		Units	Estimated Quantity	Unit Price	Total
C-105a	Mobilization	at the unit price of: _____ dollars and _____ cents.	LS	1	\$	\$
P-152b	24 inch Subgrade	at the unit price of: _____ dollars and _____ cents.	SY	225	\$	\$
P-209a	Crushed Aggregate Base Course	at the unit price of: _____ dollars and _____ cents.	SY	225	\$	\$
MoDOT-502a	6" Portland Cement Concrete Pavement	at the unit price of: _____ dollars and _____ cents.	SY	225	\$	\$
P-620a	Airport Pavement Marking (Yellow)	at the unit price of: _____ dollars and _____ cents.	SF	125	\$	\$
P-620b	Airport Pavement Marking (Black)	at the unit price of: _____ dollars and _____ cents.	SF	140	\$	\$
E-100	Electrical Service, Meter and Panels	at the unit price of: _____ dollars and _____ cents.	LS	1	\$	\$
E-101	Electrical - Power	at the unit price of: _____ dollars and _____ cents.	LS	1	\$	\$
E-102	Electrical - Lighting	at the unit price of: _____ dollars and _____ cents.	LS	1	\$	\$
A-100c	Bi-Fold Hangar Door	at the unit price of: _____ dollars and _____ cents.	EA	1	\$	\$
A-100d	Insulate Exterior Walls, Roof, and Door with Minimum R-13 Insulation	at the unit price of: _____ dollars and _____ cents.	LS	1	\$	\$
A-101a	Additional Concrete Foundation and Slab - 1 Unit Box Hangar	at the unit price of: _____ dollars and _____ cents.	LS	1	\$	\$
A-101b	Additional Pre-Engineered Metal Building - 1 Unit Box Hangar	at the unit price of: _____ dollars and _____ cents.	LS	1	\$	\$

SCHEDULE IV TOTAL \$ _____