

May 22, 2020

To: Plan Holders for Improvements to the
Memphis Memorial Airport
Memphis, Missouri
MoDOT Project No. 19-026A-1

Transmitted herewith is Addendum **No. 2** to the Issued for Bid Contract Documents, Specifications and Plans dated May 4, 2020 for Improvements to the Memphis Memorial Airport.

Schedule I - Apron Expansion
Schedule II - 8 Unit T-Hangar
Schedule III - 2 Additional T-Hangars
Schedule IV - 2 Additional T-Hangars

- Changes/Clarifications
- Pre-Bid Meeting Minutes
- Pre-Bid Meeting Sign-in Sheet

As a reminder, bids are due Friday, June 5, 2020 at 2:00 PM as provided in this addendum.

Sincerely,

Jviation, Inc.



Bryan Gregory, P.E.
Project Manager

**ADDENDUM NO. 2
TO
CONTRACT DOCUMENTS, SPECIFICATIONS AND PLANS
FOR IMPROVEMENTS TO THE
MEMPHIS MEMORIAL AIRPORT
MEMPHIS, MISSOURI
MODOT PROJECT NO. 19-026A-1**

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 shall result in rejection of bid. Bidders are informed that the above referenced Contract Documents, Specifications and Plans are modified as follows as of May 22, 2020:

1. CONTRACT DOCUMENTS/SPECIFICATIONS

Contract Documents.

Sections:

- ◆ Request for Bids/Invitation for Bids, ninth paragraph
- ◆ Section 1, page 3-13, Item 30-02

Revision: Changed the period that the City of Memphis may hold bids from the date of the bid opening from 90 to 120 calendar days.

Justification: Bid hold period was extended.

No changes were made to the plans, the technical specifications, or the appendices.
Changed sections are attached with this addendum.

2. QUESTIONS RECEIVED

- 1) I was wondering if you could tell me if there is any chance at bidding a tension fabric structure on this project?

ANSWER: We are not considering tension fabric structures for the project.

- 2) Are interior partition walls to have insulation as well? If so, what thickness?

ANSWER: Interior insulation is not required.

- 3) Are both end bays to be entirely clear span without any interior columns?

ANSWER: End walls may have interior columns. The hangar design column layout (along Gridlines 5.5 and 7) shall allow for expandability to add Schedule II and Schedule III nested T-Hangars in the future if only Schedule I is awarded at this time.

- 4) Are gutters and down spouts to be commercial design?

ANSWER: The gutters and downspouts shall meet the requirements of Specification 13 3419 2.2 G. Gutters and Downspouts.

- 5) Are bi-fold doors to have center and side jamb weather seals?

ANSWER: Yes.

- 6) Is base angle to be red oxide primed or G90 galvanized?

ANSWER: G90 Galvanized.

- 7) Are Erect-A-Tube bi-fold doors approved for project?

ANSWER: Yes.

- 8) Are Warning Devices listed on page 08 3600 – 5, Item 2.04.B.a required?

ANSWER: Not required.

3. **PRE-BID MEETING**

Pre-bid meeting was held on May 20 at the Memphis Fire Department. Meeting minutes and sign-in sheet are attached with this addendum.

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

REQUEST FOR BIDS/INVITATION FOR BIDS

Memphis Memorial Airport Memphis, MO State Block Grant Project No. 19-026A-1

Sealed bids will be received until 2:00 p.m., **Friday, June 5, 2020**, and then publicly opened and read by the City of Memphis at Memphis City Hall, **125 W. Jefferson**, Memphis, Missouri, for furnishing all labor, materials and equipment and performing all work necessary to

Schedule I - Apron Expansion

Schedule II - 8-Unit T-Hangar

Schedule III - 2-Unit T-Hangar

Schedule IV - 2-Unit T-Hangar

Contract Documents. The complete set of Specifications and Contract Documents can be downloaded from Jviation, Inc.'s bid site (<http://bid.jviation.com>), beginning on May 4, 2020. In order to submit a responsive bid as a Prime Contractor and to receive all necessary addendum(s) for this project, you must be on the Planholder's List. To view all planholder documents (contract documents, plans and addendums) you must fill out the online form located at (<http://www.jviation.com/bidrequest>). By filling out and submitting this form, you agree to be publicly listed on the bid site with your contact information as a planholder for all projects requested. **It is the planholder's responsibility to review the site for addendums and changes before submitting their proposal.** For additional information, please contact us via email at bidinfo@jviation.com.

*Note that contractors will NOT be automatically added to new projects. You will need to re-submit the online form for access to new projects. Once granted access, additional projects will use your same login credentials. **Note:** Plan ahead when submitting the online request form and allow up to 2 business days for approval and access to projects.

Pre-Bid Conference. The non-mandatory pre-bid conference for this project will be held on Wednesday, May 20, 2020 at 2:00 p.m., at Memphis City Hall. All bidders are required to examine the site to become familiar with all site conditions.

Note that due to the ongoing and often-changing restrictions for COVID-19, pre-bid and bid opening procedures may be changed through an official project addendum. Please check addenda or if you have questions, call Bryan Gregory with Jviation at 573-418-1450 or by email at Bryan.Gregory@jviation.com.

Bid Conditions. The bidder is required to provide all information as required within the Contract Documents. The bidder is required to bid on all items of every schedule or as otherwise detailed in the Instructions to Bidders.

Each proposal must be accompanied by a bid guaranty in the amount of five (5) percent of the total amount of the bid. The bid guaranty may be by certified check or bid bond made payable to City of Memphis.

Bids may be held by City of Memphis for a period not to exceed 120 calendar days from the date of the bid opening for the purpose of evaluating bids prior to award of contract.

The right is reserved, as City of Memphis may require, to reject any and all bids and to waive any informality in the bids received.

Construction for this project is expected to take 210 calendar day(s).

SECTION 30

AWARD AND EXECUTION OF CONTRACT

30-01 CONSIDERATION OF PROPOSALS. After the proposals are publicly opened and read, they will be compared on the basis of the summation of the products obtained by multiplying the estimated quantities shown in the proposal by the unit bid prices. If a bidder's proposal contains a discrepancy between unit bid prices written in words and unit bid prices written in numbers, the unit price written in words shall govern.

Until the award of a contract is made, the Owner reserves the right to reject a bidder's proposal for any of the following reasons:

- a. If the proposal is irregular as specified in the Section 20, paragraph 20-09, *IRREGULAR PROPOSALS*.
- b. If the bidder is disqualified for any of the reasons specified in the section 20, paragraph 20-14, *DISQUALIFICATION OF BIDDERS*.

In addition, until the award of a contract is made, the Owner reserves the right to reject any or all proposals, waive technicalities, if such waiver is in the best interest of the Owner and is in conformance with applicable state and local laws or regulations pertaining to the letting of construction contracts; advertise for new proposals; or proceed with the work otherwise. All such actions shall promote the Owner's best interests.

30-02 AWARD OF CONTRACT. The award of a contract, if it is to be awarded, shall be made within 120 calendar days of the date specified for publicly opening proposals, unless otherwise specified herein.

If the Owner elects to proceed with an award of contract, the Owner will make award to the responsible bidder whose bid, conforming with all the material terms and conditions of the bid documents, is the lowest in price.

30-03 CANCELLATION OF AWARD. The Owner reserves the right to cancel the award without liability to the bidder, except return of proposal guaranty, at any time before a contract has been fully executed by all parties and is approved by the Owner in accordance with the paragraph 30-07, *APPROVAL OF CONTRACT*.

30-04 RETURN OF PROPOSAL GUARANTY. All proposal guaranties, except those of the two lowest bidders, will be returned immediately after the Owner has made a comparison of bids as specified in the paragraph 30-01, *CONSIDERATION OF PROPOSALS*. Proposal guaranties of the two lowest bidders will be retained by the Owner until such time as an award is made, at which time, the unsuccessful bidder's proposal guaranty will be returned. The successful bidder's proposal guaranty will be returned as soon as the Owner receives the contract bonds as specified in the paragraph 30-05, *REQUIREMENTS OF CONTRACT BONDS*.

30-05 REQUIREMENTS OF CONTRACT BONDS. At the time of the execution of the contract, the successful bidder shall furnish the Owner a surety bond or bonds that have been fully executed by the bidder and the surety guaranteeing the performance of the work and the payment of all legal debts that may be incurred by reason of the Contractor's performance of the work. The surety and the form of the bond or bonds shall be acceptable to the Owner. Unless otherwise specified in this subsection, the surety bond or bonds shall be in a sum equal to the full amount of the contract.

30-06 EXECUTION OF CONTRACT. The successful bidder shall sign (execute) the necessary agreements for entering into the contract and return the signed contract to the Owner, along with the fully executed surety bond or bonds specified in the paragraph 30-05, *REQUIREMENTS OF CONTRACT BONDS* of this section, within 30 calendar days from the date mailed or otherwise delivered to the successful bidder.

30-07 APPROVAL OF CONTRACT. Upon receipt of the contract and contract bond or bonds that have been executed by the successful bidder, the Owner shall complete the execution of the contract in accordance with local laws or ordinances, and return the fully executed contract to the Contractor. Delivery of the fully

MEMPHIS MEMORIAL AIRPORT

MoDOT PROJECT NO. 19-026A-1

DATE: May 20, 2020

TIME: 2:00 P.M.

PRE-BID CONFERENCE

1. RECORDING OF ATTENDEES

- A. Recording of attendees, firm represented, address, phone number and email.

2. INTRODUCTIONS & PROJECT DESCRIPTION

A. City of Memphis Representatives

- Allen Creek, City Administrator
- Fred Clapp, Airport Manager

B. Airport Engineering – Jviation, Inc.

- Bryan Gregory – Project Manager
- Kevin Scherr – Project Engineer
- Jason Wehmeyer – Associate Engineer

C. MoDOT Aviation

- Kyle LePage

D. Project Schedules (total 210 Calendar Days)

- Schedule I – Apron Expansion
- Schedule II – Construct 8 Unit T-Hangers
- Schedule III – Construct 2 Unit T-Hangers
- Schedule IV – Construct 2 Unit T-Hangers

E. Work Items – **FAA Specifications**

SUMMARY OF APPROXIMATE QUANTITIES						
ITEM NO.	ITEM DESCRIPTION	UNITS	SCH I	SCH II	SCH III	SCH IV
			ESTIMATE	ESTIMATE	ESTIMATE	ESTIMATE
C-100a	CONTRACTOR QUALITY CONTROL PROGRAM (CQCP)	LS	1			
C-102a	TEMPORARY EROSION CONTROL	LS	1			
C-105a	MOBILIZATION	LS	1	1	1	1

P-101a	PARTIAL DEPTH PAVEMENT REMOVAL	SY	50			
P-101b	REMOVAL OF DRAINAGE	LS	1			
ITEM NO.	ITEM DESCRIPTION	UNITS	SCHEDULE I	SCHEDULE II	SCHEDULE III	SCHEDULE IV
			ESTIMATE	ESTIMATE	ESTIMATE	ESTIMATE
P-152a	UNCLASSIFIED EXCAVATION	CY	1,000	1,500	462	462
P-152b	SUBGRADE PREPARATION – 24-INCH	SY	3,100			
P-152c	OVEREXCAVATION AND REPLACEMENT	CY	685			
P-152d	IMPORT AND PLACE LOW VOLUMN CHANGE (LVC) GRANULAR FILL	CY	1,030	1,350	420	420
P-208a	AGGREGATE BASE COURSE	CY	600			
P-208b	SEPARATION GEOTEXTILE	SY	3,100			
P-401a	ASPHALT SURFACE COURSE	TON	720			
P-401b	ASPHALT BINDER	TON	50			
P-603a	EMULSIFIED ASPHALT TACK COAT	GAL	470			
P-620a	AIRPORT PAVEMENT MARKING – TEMPORARY	SF	1,500			
P-620b	AIRPORT PAVEMENT MARKING – PERMANENT	SF	1,500			
P-620c	AIRPORT PAVEMENT MARKING – (BLACK)	SF	2,450			
P-640a	AIRCRAFT TIEDOWN ANCHOR	EA	21			
T-901a	SEEDING	AC	2			
DIV-26a	T-HANGER BUILDING ELECTRICAL	LS		1	1	1
DIV-26b	INSTALL 3/0 AWG, XHHW, 600V INSULATED, COOPER WIRE	LF	1,050			
DIV-26c	INSTALL #6 AWG, XHHW, 600V INSULATED, COPPER WIRE	LF	350			
L-110a	INSTALL 1-3" SCHEDULE 40 PVC (DEB)	LF	350			
L-115a	INSTAL ELECTRICAL HANDHOLE	EA	1			
A-100a	CONCRETE FOUNDATION AND SLAB – 8 UNIT T-HANGERS	LS		1		
A-100b	PRE-ENGINEERED METAL BUILDING – 8 UNIT T-HANGERS (COMPLETE)	LS		1		
A-100c	BI-FOLD HANGER DOOR	EA		8	2	2
A-100d	INSULATE EXTERIOR WALLS, ROOF, AND DOOR WITH MINIMUM R-13 INSULATION	LS		1	1	1
A-101a	ADDITIONAL CONCRETE FOUNDATION AND SLAB – 2 UNIT T-HANGERS	LS			1	1
A-101b	ADDITIONAL PRE-ENGINEERED METAL BUILDING – 2 UNIT T-HANGER	LS			1	1
L-126a	RETROREFLECTIVE MARKER	EA	20			

[It was noted that Tri-County would be crossing the taxi-way to perform electrical work, and would require an asphalt patch upon completion]

3. BID OPENING

A. Date: Friday, June 5, 2020 at 2:00 P.M. (CST)

- B. Location: City of Memphis
Memphis City Hall
125 W. Jefferson
Memphis, MO 63555
- C. Bid Bond: 5% of bid amount – Section 2, Instructions to Bidders, Paragraph 4 and Section 20-10 Bid Guaranty.
- D. Contract Proposal: Proposal Form starts on page B-1. Submit pages B-1 through B-21 with bid.
- E. Award: Notice to Bidders, Section 1, Page 2 and Section 30 Award and Execution of Contract.
- **The Bid Hold Period is 120 calendar days. (Addendum 2 will be issued with pre-bid meeting minutes)**
[Bid Hold Period was previously set at 90 calendar days]
(120 days from June 5 is October 3)
[Providing the option to push into 2021 as an option]

4. DBE GOALS

- A. 6% of Contract Amount Required.
- B. DBE firms must be currently certified by the Missouri Department of Transportation (MoDOT), City of St. Louis, Metro, City of Kansas City, and Kansas City Area Transportation Authority. Eligible firms can be found on MoDOT's Office of External Civil Rights webpage at <http://www.modot.org/dbe-program>.

5. QUALIFICATION OF BIDDERS

- A. Qualifications shall be furnished per Section 20-02. Each bidder shall furnish the Owner satisfactory evidence of his or her competency and financial responsibility to perform the proposed work. This includes resumes of key personnel, equipment list and a list detailing experience on similar construction projects.

6. ESTIMATED CRITICAL CONTRACT DATES

- A. Contract Award: June - September 2020 (ESTIMATED) –The signature of the bidder on the proposal form indicates that within thirty (30) calendar days from acceptance of its bid offer it will execute a contract with the Owner and, if indicated in this solicitation, furnish a project specific Certificate of Insurance naming the Owner as Additional Insured, furnish Performance and Payment Bonds and any other documents required by the Contract Documents.
- B. Award date will depend on receipt of federal funds. It is possible that federal funds will not be awarded until August or September. Bids can be held up to 120 calendar days (after Addendum 2). Construction is anticipated in 2020 or 2021.
- C. Notice to Proceed: Fall 2020 (ESTIMATED), Refer to Section 80-02.

Project Time: 35 Calendar Days for Schedule I;
150 Calendar Days for Schedule II
30 Calendar Days for Schedule III
30 Calendar Days for Schedule IV
There are a total of 210 Calendar Days for the project.
Notice to Proceed, Refer to Section 80-08 for more information.
[It was stated that Schedule I and Schedule II are to happen concurrently]

This project is FAA/MoDOT funded so timeline will be dependent on MoDOT Aviation funding availability and approval.

7. BONDING

- A. Payment Bond: 100% of Bid Amount, Refer to Section 30-05
- B. Performance Bond: 100% of Bid Amount, Refer to Section 30-05

8. BUY AMERICAN REQUIREMENTS

- A. See Section 4 – Supplementary Provisions, Part A Federal and State Provisions for Buy American Requirements. Buy American Certification required to be submitted as part of the Bid Proposal Form.

[It was stated that this is a requirement set as a MODOT and FAA project]

9. INSURANCE REQUIREMENTS

Refer to Section 4, Part C Local Provisions, Paragraph 11 for Contractor's Liability Insurance.

- A. The Contractor shall pay for and maintain during the life of this contract adequate Workmen's Compensation, Public Liability and Property Damage Insurance. The Contractor is charged with the responsibility for adequate and proper coverage for all his subcontract operations. Contractor shall furnish to the Sponsor satisfactory proof of carriage of the insurance required.

10. FEDERAL AND STATE WAGE RATES (DAVIS BACON ACT)

- A. The higher of the Federal wage and State wage rates are required for this project for work completed under Schedules I and II. Refer to Section 4, Parts D, Federal and State Wage Rates.

11. LIQUIDATED DAMAGES

- A. As compensation for non-use, the Contractor shall be assessed a liquidated damage of **\$750/calendar day(s)** for each day that the work remains uncompleted beyond the contract period. Reference SECTION 80-08 FAILURE TO COMPLETE ON TIME.
[It was stated that the liquidated damages was changed from \$1,500/calendar day(s) to the current \$750/calendar day(s)]

In addition, **up to \$1,800 per calendar day for the Construction manager, and up to \$1,400 per calendar day for each RPR, plus any incurred expenses** (additional testing, per diem, lodging, etc.) will be charged to the Contractor for that time which exceeds the number of calendar day(s) allowed. Reference the LOCAL PROVISIONS in Section 4, Part C for more information.

The maximum construction time for the overall project is 210 calendar days, if all schedules are awarded.

Please see the Phasing Sheets, G050 through G052, of the Construction Drawings for more information on the scheduling/sequencing of work.

- B. Permitting the Contractor to continue and finish the work or any part of it after the time fixed for its completion, or after the date to which the time for completion may have been extended, will in no way operate as a waiver on the part of the Owner of any of its rights under the contract.
- C. The Engineer and City have attempted to estimate the amount of time needed for construction management services by the Engineer. **If unusually long working days or extended working days are required, reimbursement for unscheduled employment of the engineer may be required as shown in Section 4 of the Contract Documents, under “Liquidated Damages”.**

12. PROJECT PHASING

- A. Reference the Phasing Sheets, G050 through G052, of the Construction Drawings.
 - a. Airfield Availability/Closures
- B. CONSTRUCTION SAFETY AND PHASING PLAN (CSPP) - The Contractor shall submit a Safety Plan Compliance Document (SPCD) (Refer to Appendices A and B) to the engineer and airport operator for approval PRIOR to the issuance of Notice to Proceed as required by FAA Advisory Circular (AC) 150/5370-2G “Operational Safety on Airports During Construction”.

[It was noted that all contractors on this project should be aware that the airport is not to be shut down]

13. MISCELLANEOUS

- A. Permanent Pavement Striping:
 - a. 30 DAY WAIT PERIOD
- B. Electrical Lines – Existing Airfield lighting
- C. Phase Breaks – Schedule I through Schedule IV

■

- D. Construction Materials: Sales Tax Exemption. Refer to Section 4, Part C Local Provisions, Paragraph 13 Sales and Use Taxes.
- E. Survey Requirements – Refer to Section 50-07, Construction Layout and Stakes. Also reference the notes on the Pavement Marking Plan sheets for survey requirements prior to current marking obliteration.

F. Contractor Access: as shown on the Phasing sheets.

G. Acceptance Testing: Responsibility of a Firm hired by Jviation.

a. This does not relieve the Contractor from Quality Control Testing.

H. Haul Route- Sheet G050 through Sheet G052 notes. The Contractor shall be responsible for any damage to existing facilities or roads. Repairs shall be made at no additional cost to the Sponsor.

I. Airport radios shall be required and must be monitored at all times.

J. Questions will be taken via written format until **Monday, June 1, 2020 at 1:00 p.m. (CST)** by email to bidinfo@jviation.com.

a. Any last addendum items should be issued no later than 2:00 p.m. Tuesday, June 2, 2020.

14. QUESTIONS

1) Will there be any more days allowed outside of the scheduled 35 calendar days to complete Schedule I should inclement weather affect the project?

ANSWER: Additional days will not be allowed in Schedule I unless abnormal weather or other items outside of the contractor's control is encountered.

2) What will be the design of the tie down bars?

ANSWER: The design of the tie down bars is specified within the plan sheet documents.

3) Will City Hall be available for use when the bid open occurs?

ANSWER: The City Administrator, Allen Creek, states that the current plan held by the city of Memphis is to open city Hall to public use beginning June 1.

15. PROJECT SITE TOUR



931 Wildwood Drive, Suite 101
Jefferson City, MO 65109
Phone: 573.636.3200
Fax: 573.636.3201

Pre-Bid Meeting Sign In

Meeting Date / Location: May 20, 2020 -City Hall
125 W. Jefferson, Memphis, MO

Project Name: Schedule I: Apron Expansion
Schedule II: Construct 8 Unit T-Hangers
Schedule III: Construct 2 Unit T-Hangers
Schedule IV: Construct 2 Unit T-Hangers

Time: 2:00 p.m.

MoDOT Project #: 19-026A-1

Name

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