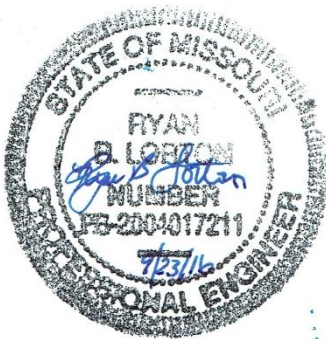


September 23, 2016

To: Plan Holders for Improvements to the  
Rosecrans Memorial Aiport  
St. Joseph, Missouri  
MoDOT Project No. 15-012A-1

Transmitted herewith is Addendum **No. 1** to the Issued for Bid Contract Documents, Specifications and Plans dated September 6, 2016 for Improvements to the Rosecrans Memorial Airport.

**Schedule I: T-Hangar Taxilane Reconstruction**



Sincerely,

**Jviation, Inc.**

Ryan B. Lorton, P.E.  
Project Manager

**ADDENDUM NO. 1  
TO  
CONTRACT DOCUMENTS, SPECIFICATIONS AND PLANS  
FOR IMPROVEMENTS TO THE  
ROSECRANS MEMORIAL AIRPORT  
ST. JOSEPH, MISSOURI  
MODOT PROJECT NO. 15-012A-1**

Bidders are informed that the above referenced Contract Documents, Specifications and Plans are modified as follows as of September 23, 2016:

**1. CONTRACT DOCUMENTS**

Section: Requests for Bids/Invitation for Bids

Subsection: DBE Requirement

Revision: Delete the second sentence:

“The owner has established a contract goal of (DBE) 0.09 percent participation for small business concerns owned and controlled by qualified disadvantaged business enterprises (DBE).”

And replace with the following:

“The owner has established a contract goal of (DBE) 9 percent participation for small business concerns owned and controlled by qualified disadvantaged business enterprises (DBE).”

Section: Section 1 Notice to Bidders  
Subsection: Summary of Approximate Quantities Table  
Revision: Delete the SUMMARY OF APPROXIMATE QUANTITIES table and replace with the following revised table:

SUMMARY OF APPROXIMATE QUANTITIES			
ITEM NO.	ITEM DESCRIPTION	UNITS	SCHEDULE I
			ESTIMATE
MO-105a	Mobilization	LS	1
P-101a	Full Depth Bituminous Pavement Removal	SY	16,825
P-101b	Full Depth PCC Pavement Removal	SY	905
P-150a	Adjust Water Valve	EA	2
MO-152a	Unclassified Excavation	CY	2,600
MO-155a	12-Inch Fly Ash Treated Subgrade	SY	12,855
MO-155b	Class C Fly Ash	TON	1,080
MO-156a	Silt Fence	LF	950
MO-156b	Ditch Check	EA	5
MO-156c	Inlet Protection	EA	1
MO-209a	6-Inch Crushed Aggregate Base Course	SY	12,855
P-501a	6-Inch Portland Cement Concrete Pavement	SY	12,684
MO-620a	Temporary Airport Taxiway Pavement Marking (Yellow)	SF	1,095
MO-620b	Temporary Airport Taxiway Pavement Marking (Black)	SF	2,190
MO-620c	Permanent Airport Taxiway Pavement Marking (Yellow)	SF	1,095
MO-620d	Permanent Airport Pavement Marking (Black)	SF	2,190
MO-620e	Airport Pavement Marking Removal	SF	100
MO-701a	18" Reinforced Concrete Pipe	LF	680
MO-701b	24" Reinforced Concrete Pipe	LF	255
MO-701c	23" x 14" Elliptical Reinforced Concrete Pipe	LF	140
MO-701d	30" x 19" Elliptical Reinforced Concrete Pipe	LF	103
MO-701e	Storm Pipe / Trench Drain Removal	LF	660
MO-701f	Inlet / Manhole Removal	EA	2
D-751a	Inlet	EA	10
D-751b	Manhole	EA	2
MO-901a	Seeding with Hydromulch	AC	1.9
L-115a	Adjust Junction Box	EA	1
L-115b	Adjust Electrical Handhole	EA	1

Section: Section 1 Notice to Bidders  
Subsection: DBE Requirement  
Revision: Delete the first sentence:  
"The bidder shall make good faith efforts, as defined in Appendix A of 49 CFR Part 26, Regulations of the Office of the Secretary of Transportation, to subcontract 0.09 percent of the dollar value of the prime contract to small business concerns owned and controlled by socially and economically disadvantaged individuals (DBE)."

And replace with the following:

"The bidder shall make good faith efforts, as defined in Appendix A of 49 CFR Part 26, Regulations of the Office of the Secretary of Transportation, to subcontract 9 percent of the dollar value of the prime contract to small business concerns owned and controlled by socially and economically disadvantaged individuals (DBE)."

Section: Section 2 Instructions to Bidders

Page: 2-1

Revision: Delete item 1:

"THE EXECUTED PROPOSAL FORM MUST BE SUBMITTED WITH EACH PAGE FROM SECTION B-1 THROUGH B-19. EACH FORM MUST BE COMPLETELY FILLED OUT."

And replace with the following:

"THE EXECUTED PROPOSAL FORM MUST BE SUBMITTED WITH EACH PAGE FROM SECTION B-1 THROUGH B-20. EACH FORM MUST BE COMPLETELY FILLED OUT."

Section: Proposal Form

Revision: Delete the Schedule I Bid Proposal and replace with the attached revised Schedule I Bid Proposal.

Section: Proposal Form

Page: B-20

Revision: Delete the top heading:

"THIS EXECUTED PROPOSAL FORM MUST BE SUBMITTED WITH SECTIONS B-1 THROUGH B-19 FILLED OUT COMPLETELY."

And replace with the following:

"THIS EXECUTED PROPOSAL FORM MUST BE SUBMITTED WITH SECTIONS B-1 THROUGH B-20 FILLED OUT COMPLETELY."

## **2. TECHNICAL SPECIFICATIONS**

Specification: IEM MO-155 FLY ASH TREATED SUBGRADE

Page: MO-155-4

Revision: Delete the Pay Item:


Item MO-155a 9-Inch Fly Ash Treated Subgrade

And replace with the following Pay Item:

Item MO-155a 12-Inch Fly Ash Treated Subgrade

### 3. PLAN SET

Sheet: G002  
Title: Index of Drawings, Summary of Approximate Quantities and Abbreviations  
Revision: Delete the SUMMARY OF APPROXIMATE QUANTITIES table and replace with the following revised table:

SUMMARY OF APPROXIMATE QUANTITIES			
ITEM NO.	ITEM DESCRIPTION	UNITS 	SCHEDULE I
			ESTIMATE
MO-105a	Mobilization	LS	1
P-101a	Full Depth Bituminous Pavement Removal	SY	16,825
P-101b	Full Depth PCC Pavement Removal	SY	905
P-150a	Adjust Water Valve	EA	2
MO-152a	Unclassified Excavation	CY	2,600
MO-155a	12-Inch Fly Ash Treated Subgrade	SY	12,855
MO-155b	Class C Fly Ash	TON	1,080
MO-156a	Silt Fence	LF	950
MO-156b	Ditch Check	EA	5
MO-156c	Inlet Protection	EA	1
MO-209a	6-Inch Crushed Aggregate Base Course	SY	12,855
P-501a	6-Inch Portland Cement Concrete Pavement	SY	12,684
MO-620a	Temporary Airport Taxiway Pavement Marking (Yellow)	SF	1,095
MO-620b	Temporary Airport Taxiway Pavement Marking (Black)	SF	2,190
MO-620c	Permanent Airport Taxiway Pavement Marking (Yellow)	SF	1,095
MO-620d	Permanent Airport Pavement Marking (Black)	SF	2,190
MO-620e	Airport Pavement Marking Removal	SF	100
MO-701a	18" Reinforced Concrete Pipe	LF	680
MO-701b	24" Reinforced Concrete Pipe	LF	255
MO-701c	23" x 14" Elliptical Reinforced Concrete Pipe	LF	140
MO-701d	30" x 19" Elliptical Reinforced Concrete Pipe	LF	103
MO-701e	Storm Pipe / Trench Drain Removal	LF	660
MO-701f	Inlet / Manhole Removal	EA	2
D-751a	Inlet	EA	10
D-751b	Manhole	EA	2
MO-901a	Seeding with Hydromulch	AC	1.9
L-115a	Adjust Junction Box	EA	1
L-115b	Adjust Electrical Handhole	EA	1

Sheet: C500  
Title: Typical Sections  
Revision: All references to "9" FLY ASH TREATED SUBGRADE (MO-155a)" shall be replaced with: "12" FLY ASH TREATED SUBGRADE (MO-155a)."

4. ATTACHMENTS

Pre-Bid Agenda/Meeting Minutes and Sign-In Sheet

**\*\*END OF ADDENDUM NO. 1\*\***

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## BID PROPOSAL SUMMARY

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**Bidder Name:**

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**SCHEDULE I**

\$

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**TOTAL ALL SCHEDULES**

\$

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Item No.	Description		Units	Estimated Quantity	Unit Price	Total
MO-105a	Mobilization	at the unit price of: dollars and _____cents.	LS	1	\$	\$
P-101a	Full Depth Bituminous Pavement Removal	at the unit price of: dollars and _____cents.	SY	16,825	\$	\$
P-101b	Full Depth PCC Pavement Removal	at the unit price of: dollars and _____cents.	SY	905	\$	\$
P-150a	Adjust Water Valve	at the unit price of: dollars and _____cents.	EA	2	\$	\$
MO-152a	Unclassified Excavation	at the unit price of: dollars and _____cents.	CY	2,600	\$	\$
MO-155a	12-Inch Fly Ash Treated Subgrade	at the unit price of: dollars and _____cents.	SY	12,855	\$	\$
MO-155b	Class C Fly Ash	at the unit price of: dollars and _____cents.	TON	1,080	\$	\$
MO-156a	Silt Fence	at the unit price of: dollars and _____cents.	LF	950	\$	\$
MO-156b	Ditch Check	at the unit price of: dollars and _____cents.	EA	5	\$	\$
MO-156c	Inlet Protection	at the unit price of: dollars and _____cents.	EA	1	\$	\$
MO-209a	6-Inch Crushed Aggregate Base Course	at the unit price of: dollars and _____cents.	SY	12,855	\$	\$
P-501a	6-Inch Portland Cement Concrete Pavement	at the unit price of: dollars and _____cents.	SY	12,684	\$	\$
MO-620a	Temporary Airport Taxiway Pavement Marking (Yellow)	at the unit price of: dollars and _____cents.	SF	1,095	\$	\$
MO-620b	Temporary Airport Taxiway Pavement Marking (Black)	at the unit price of: dollars and _____cents.	SF	2,190	\$	\$
MO-620c	Permanent Airport Taxiway Pavement Marking (Yellow)	at the unit price of: dollars and _____cents.	SF	1,095	\$	\$

## SCHEDULE I

Item No.	Description		Units	Estimated Quantity	Unit Price	Total
MO-620d	Permanent Airport Pavement Marking (Black)	at the unit price of: dollars and _____cents.	SF	2,190	\$	\$
MO-620e	Airport Pavement Marking Removal	at the unit price of: dollars and _____cents.	SF	100	\$	\$
MO-701a	18" Reinforced Concrete Pipe	at the unit price of: dollars and _____cents.	LF	680	\$	\$
MO-701b	24" Reinforced Concrete Pipe	at the unit price of: dollars and _____cents.	LF	255	\$	\$
MO-701c	23" x 14" Elliptical Reinforced Concrete Pipe	at the unit price of: dollars and _____cents.	LF	140	\$	\$
MO-701d	30" x 19" Elliptical Reinforced Concrete Pipe	at the unit price of: dollars and _____cents.	LF	103	\$	\$
MO-701e	Storm Pipe / Trench Drain Removal	at the unit price of: dollars and _____cents.	LF	660	\$	\$
MO-701f	Inlet / Manhole Removal	at the unit price of: dollars and _____cents.	EA	2	\$	\$
D-751a	Inlet	at the unit price of: dollars and _____cents.	EA	10	\$	\$
D-751b	Manhole	at the unit price of: dollars and _____cents.	EA	2	\$	\$
MO-901a	Seeding with Hydromulch	at the unit price of: dollars and _____cents.	AC	1.9	\$	\$
L-115a	Adjust Junction Box	at the unit price of: dollars and _____cents.	EA	1	\$	\$
L-115b	Adjust Electrical Handhole	at the unit price of: dollars and _____cents.	EA	1	\$	\$

**SCHEDULE I TOTAL \$** \_\_\_\_\_

## ROSECRANS MEMORIAL AIRPORT T-HANGAR TAXILANES RECONSTRUCTION PRE-BID CONFERENCE

MoDOT PROJECT NO. 15-012A-1

DATE: September 20, 2016

TIME: 11:00 A.M.

*Revisions and Meeting Minutes in Italics.*

### 1. RECORDING OF ATTENDEES

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

### 2. INTRODUCTIONS & PROJECT DESCRIPTION

#### A. Airport Representatives

- Abe Forney – Airport Manager
- Adam Freeman – Operations Manager

#### B. Airport Engineering – Jviation, Inc.

- Joe Pestka – Project Director
- Ryan Lorton – Project Manager

#### C. MoDOT Aviation

- Andy Hanks – Project Manager

#### D. Project Schedule

- Schedule I – T-Hangar Taxilanes Reconstruction

#### E. Work Items

Schedule I – *T-Hangar Taxilanes Reconstruction (Quantities listed below have been revised in Addendum No. 1)*

- Mobilization ..... 1 LS
- Full Depth Bituminous Pavement Removal ..... 16,825 SY
- Full Depth PCC Pavement Removal ..... 905 SY
- Adjust Water Valve ..... 2 EA
- Unclassified Excavation ..... 2,600 CY
- 9-Inch Fly Ash Treated Subgrade ..... 12,684 SY
- Class C Fly Ash ..... 799 TON
- Silt Fence ..... 950 LF
- Ditch Check ..... 5 EA
- Inlet Protection ..... 1 EA

- 6-Inch Crushed Aggregate Base Course ..... 12,684 SY
- 6-Inch Portland Cement Concrete Pavement..... 12,684 SY
- Temporary Airport Taxiway Pavement Marking (Yellow) ..... 1,095 SF
- Temporary Airport Taxiway Pavement Marking (Black) ..... 2,190 SF
- Permanent Airport Taxiway Pavement Marking (Yellow)..... 1,095 SF
- Permanent Airport Pavement Marking (Black) ..... 2,190 SF
- Airport Pavement Marking Removal ..... 100 SF
- 18” Reinforced Concrete Pipe ..... 680 LF
- 24” Reinforced Concrete Pipe ..... 255 LF
- 23” x 14” Elliptical Reinforced Concrete Pipe ..... 140 LF
- 30” x 19” Elliptical Reinforced Concrete Pipe ..... 103 LF
- Storm Pipe / Trench Drain Removal ..... 660 LF
- Inlet / Manhole Removal..... 2 EA
- Inlet ..... 10 EA
- Manhole ..... 2 EA
- Seeding with Hydromulch ..... 1.9 AC
- Adjust Junction Box ..... 1 EA
- Adjust Electrical Handhole..... 1 EA

### 3. BID OPENING

- A. Date: Tuesday, October 4, 2016 at 2:00 P.M. (CST)
- B. Location: City of St. Joseph  
City Hall  
Purchasing, Room 201  
1100 Frederick Ave.  
St. Joseph, MO 64501
- 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-20 with bid.
- E. Award: Notice to Bidders, Section 1, Page 3 and Section 30 Award and Execution of Contract.

### 4. DBE GOALS

- A. 9% of Contract Amount. Addendum No. 1 to address revising the stated goal of 0.09% to be 9%.

## **5. ESTIMATED CRITICAL CONTRACT DATES**

A. Contract Award: Fall 2016 (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. Notice to Proceed: Refer to Section 80-2. The construction is anticipated in the spring/summer of 2017.

Project Time: 75 Calendar Days. Refer to Section 80-08 for more information. *Anticipated approximate start of construction in April 2017.*

## **6. BONDING**

A. Payment Bond: 100% of Bid Amount, Refer to Section 30-6

B. Performance Bond: 100% of Bid Amount, Refer to Section 30-6

## **7. 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.

## **8. 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.

## **9. 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 Schedule I. Refer to Section 4, Part D Federal and State Wage Rates.

## **10. ENGINEER'S FIELD OFFICE**

A. See Section 60-05.

## **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.

## SECTION 80-08 FAILURE TO COMPLETE ON TIME.

SCHEDULE I	LIQUIDATED DAMAGES COST	ALLOWED CONSTRUCTION TIME
Schedule I	\$750/Calendar Day	75 Calendar Days

Please see the Phasing Sheet, G009, of the Construction Drawings for more information on the scheduling/sequencing of work.

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.

### 12. PROJECT PHASING

A. Schedule I – Phase 1: Includes all work for the project including the following major work items:

- Pavement Demolition
- Unclassified Excavation
- Stabilized Subgrade
- Storm Sewer Installation
- Crushed Aggregate Base Course
- Portland Cement Concrete Pavement
- Temporary Pavement Markings
- Permanent Pavement Marking
- Seeding/Mulching

### 13. MISCELLANEOUS

- A. Construction Materials: Sales Tax Exemption. Refer to Section 4, Part C Local Provisions, Paragraph 13 Sales and Use Taxes.
- B. Survey Requirements – Refer to Section 50-06, Construction Layout and Stakes.
- C. Contractor Access: From the north side of the project limits as shown on the Construction Safety Drawings.
- D. Acceptance Testing: Responsibility of Engineer.
- E. Waste Area- Contractor shall dispose of all waste materials offsite. See Note 2 under the “Material Supply and Disposal” on Sheet G003.
- F. Haul Route- Sheet G003, “Site Access and Staging” Notes 4 and 5. The Contractor shall be responsible for any damage to existing facilities or roads. Repairs shall be made at no additional cost to the Sponsor.
- G. Questions will be taken via written format only to Jviation, Inc. until **Wednesday, September 28, 2016 at 5:00 p.m. (CST).**

### 14. QUESTIONS

- *What is the minimum self-performance requirement for the prime contractor?*  
*Answer: See Section 80-01 Subletting of Contract.*
- *Will consideration be given to an alternative to Fly Ash due to the requirements for the minimum of 25% CaO in the MO-155 Specification?*

*Answer: The geotech report recommended fly ash stabilization for the subgrade. A Modification to Standard would be required to revise the minimum CaO content which are typically not approved by the FAA.*

- *Does the MO-209 base rock specification require a standard or modified proctor for compaction?*

*Answer: In Section 209-3.4 Compaction, the ASTM D698 is referenced which is for a standard proctor. The requirements for compaction of the Crushed Aggregate Base Course is 100% of the maximum dry density based on ASTM D 698.*

- *Regarding the P-501 specification will "hard rock" be required for use on this project?*

*Answer: The requirements for coarse aggregates are found in Section 501-2.1 which include a requirement for aggregates that do not have a history of D-cracking.*

## **15. PROJECT SITE TOUR**

Meeting Date / Location: September 20, 2016 / Rosecrans Memorial Airport

Project Name: T-Hangar Taxilanes Reconstruction

Time: 11:00 a.m.

MoDOT Project #: 15-012A-1

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