

December 5, 2014

To: Plan Holders for Improvements to the  
Eldon Model Airpark  
Eldon, Missouri  
MoDOT Project No. 14-046A-1  
Schedule I: Expand Apron  
Schedule II: Install New Fuel Facility

Transmitted herewith is Addendum No. 1 to the Contract Documents, Plans and Specifications dated November 20, 2014 for Improvements to the Eldon Model Airpark, Eldon, Missouri, MoDOT Project No. 14-046A-1.

**SCHEDULE I:**

Expand Apron

**SCHEDULE II:**

Install New Fuel Facility



Sincerely,

**Jviation, Inc.**

Elizabeth Duvall, P.E.  
Project Engineer

**ADDENDUM NO. 1  
TO  
CONTRACT DOCUMENTS, PLANS AND SPECIFICATIONS  
FOR IMPROVEMENTS TO THE  
ELDON MODEL AIRPARK  
ELDON, MISSOURI  
MoDOT PROJECT NO. 14-046A-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, Plans and Specifications are modified as follows as of December 5, 2014:

**1. PLAN SET**

All references to "10,000" gallon tanks are to be removed and replaced with "12,000" gallon tanks. **Both fuel tanks are to be 12,000 gallon tanks.**

**2. TECHNICAL SPECIFICATIONS**

**Both fuel tanks are to be 12,000 gallon tanks.**

SP-1 : AVGAS AND JET-A TANKS AND FUELING EQUIPMENT

Page: SP-1-1

Revision: Paragraph 1 has been revised to read "The work to be performed under this specification section shall consist of fabricating, delivering, installing, connecting, and testing two self-contained (one 12,000-gallon AVGAS and one 12,000-gallon JET-A) double-wall, fire resistant (UL-2085) units consisting of an above-ground double wall steel tank with fuel dispensers contained on the associated skids. The ladder and platform assembly for each tank is considered to be an integral part of the assembly."

SP-1 : AVGAS AND JET-A TANKS AND FUELING EQUIPMENT

Page: SP-1-4

Revision: Paragraph 1 DELETE the volume "10,000" and replace with the volume "12,000".

SP-1 : AVGAS AND JET-A TANKS AND FUELING EQUIPMENT

Page: SP-1-4

Revision: Paragraph 7 DELETE the volumes "10,000" and replace with the volumes "12,000", thus the first sentence has been revised to read: "Provide a 12,000-gallon AVGAS tank, and a 12,000-gallon Jet A Fuel tank."

SP-1 : AVGAS AND JET-A TANKS AND FUELING EQUIPMENT  
Page: SP-1-7  
Revision: Paragraph 18 has been revised to read: "Hoses: One AVGAS 1" (Inside Diameter) X 50' serialized and certified NFPA 407, EN 1361 & API 1529 hose that is coupled, tested, and comes with a test certificate. One Jet-A 1-1/2" (Inside Diameter) X 50' serialized and certified NFPA 407, EN 1361 & API 1529 hose that is coupled, tested, and comes with a test certificate. Both hoses shall be 1000 Kpa (150 psi) MAX WP."

SP-1 : AVGAS AND JET-A TANKS AND FUELING EQUIPMENT  
Page: SP-1-7  
Revision: The first sentence of Paragraph 19 has been revised to read "Hose Reels: Shall be compatible with a 1" inside diameter hose for AVGAS and a 1-1/2" inside diameter hose for Jet-A, both 50' in length."

SP-1 : AVGAS AND JET-A TANKS AND FUELING EQUIPMENT  
Page: SP-1-11  
Revision: In Paragraph 6, the first two pay items have been revised to read:  
"Item SP-1a Acquire and Install Double-Wall 12,000-gallon AVGAS Fuel Tank - per Lump Sum  
Item SP-1b Acquire and Install Double-Wall 12,000-gallon JET-A Fuel Tank - per Lump Sum"

### **3. CONTRACT DOCUMENTS- BID PROPOSAL SHEETS**

In the Contract Documents, replace Bid Proposal sheets in Section B, after the Bid Proposal Summary sheet and prior to B-3, for Schedule I and II with the attached revised sheets (printed double sided, total 4 pages).

### **4. QUESTIONS**

a.) Will static relaxation be required on both Jet A and AV gas? Typically only utilized on jet a, but spec does not seem to differentiate.

*Answer: Static Relaxation is required on both Jet-A and AVGAS (per NFPA 407).*

b.) Spec asks for deadman control with spring wound enclosure and reel. Is there a part number available or manufacturer for this item, or is it possible this is a typo which incorporates the static reel wording into spec.?

Would a standard deadman control be acceptable for into transport fueling?

*Answer: The specifications are correct; the deaman control should be supplied with a spring rewind cord/cable reel. A standard deadman control will NOT be acceptable for the transport*

*fueling. There will not be a specific product named. Any product that meets the Contract Specifications and the requirements of the Contract Documents is acceptable.*

c.) Is the Pre-bid meeting mandatory?

*Answer: No.*

d.) What is the estimated cost of this project?

*Answer: Jviation does not give out the project's estimated cost prior to the Bid Opening.*

## 5. CLARIFICATIONS

a.) The fuel tanks are to be fire-resistant tanks meeting UL-2085.

b.) The fuel tanks are to be 12,000 gallon tanks.

c.) The contractor is to provide one card reader to control both fuel tanks. Only one tank will be in use at a time. This is to be a NEW card reader; the existing card reader will not be reused.

d.) Prices must be received for both Bid Alternates for a bid to be considered responsive.

e.) On the Buy American Proposal sheet B-11, one of the two boxes must be marked for the bid to be considered responsive as well as B-12 being fully filled out.

### Attachments:

- Pre-Bid Sign-In Sheet and Agenda
- Bid Proposal Sheets

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

Addendum No. 1  
December 5, 2014  
To: Contract Documents, Plans  
and Specifications  
MoDOT Project No. 14-046A-1  
Dated: December 5, 2014

**ADDENDUM NO. 1**  
**ATTACHMENT 1**

Pre-Bid Sign-In Sheet and Agenda



## **ELDON MODEL AIRPARK**

MoDOT PROJECT NO. 14-046A-1

DATE: December 4, 2014

TIME: 10:00 A.M.

### **PRE-BID CONFERENCE**

#### **1. RECORDING OF ATTENDEES**

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

#### **2. INTRODUCTIONS & PROJECT DESCRIPTION**

##### A. Airport Representatives

- Steve Johnson – City Public Works Director
- Fran Suttmoller – City Clerk
- David Mitchem – City Administrator

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

- Elizabeth Duvall – Project Engineer

##### C. MoDOT Aviation

- Tamara Pitts – Project Manager

##### D. Project Schedules

- Schedule I – Expand Apron
- Schedule II – Install New Fuel Facility

##### E. Major Work Items

###### Schedule I

- Mobilization ..... 1 LS
- Install #8 AWG, 5000V, L-824C Cable ..... 525 LF
- Install #6 AWG Bare Copper Counterpoise Incl. Ground Rods and Terminations ..... 260 LF
- Install 3/0 AWG, CU, 600V, XHHW Wire..... 70 LF
- Install 4/0 AWG, AL, 600V, XHHW Wire ..... 1,800 LF
- Install 1-2” PVC Duct, Direct Earth Buried..... 470 LF
- Install 1-3” PVC Duct, Direct Earth Buried..... 150 LF
- Install L-867B Junction Box in Soil.....1 EA

- Subgrade Preparation..... 3,127 SY
- Unclassified Excavation ..... 1,307 CY
- Overexcavation..... 500 CY
- Ditch Check .....3 EA
- Aggregate Base Course..... 765 CY
- 6” Portland Cement Concrete Pavement ..... 3,290 SY
- Airport Apron Pavement Markings (yellow).....126 SF
- Airport Pavement Markings (black) .....252 SF
- Aircraft Tiedown Anchor .....9 EA
- Seeding with Hydromulch ..... 0.7 AC

Schedule II

- Mobilization ..... 1 LS
- Install #1 AWG, CU, 600V, XHHW Wire..... 840 LF
- Install #6 AWG, CU Ground Wire ..... 280 LF
- Subgrade Preparation..... 1,275 SY
- Unclassified Excavation ..... 2,123 CY
- Overexcavation.....15 CY
- Aggregate Base Course.....27 CY
- Pipe Bollard..... 36 EA
- Curb and Gutter ..... 95 LF
- 6” Portland Cement Concrete Pavement ..... 165 SY
- 6” Ductile Iron Pipe ..... 128 LF
- 6” Wedge Gate Valve with Indicator Post .....1 EA
- MoDOT Type S-1 Inlet (3’ x 2’) .....1 EA
- Acquire and Install Double –Wall ~~10,000~~ gallon AVGAS Fuel Tank..... 1 LS
- Acquire and Install Double –Wall ~~10,000~~ gallon Jet-A Fuel Tank ..... 1 LS
- Fuel Tank Concrete Saddle Foundations and Concrete Pad..... 1 LS
- Credit Card Reader.....1 EA

Both Tanks to be 12,000 gallon

Schedule II: Bid Alternate No. 1 – Asphalt Millings

- 6” Asphalt Millings Aggregate Surface..... 937 SY

Schedule II: Bid Alternate No. 2 – Type 1 MoDOT Base

- 6” Type 1 MoDOT Base Aggregate Surface..... 937 SY



### 3. BID OPENING

- A. Date: Thursday, December 18, 2014 at 2:00 P.M. (CST)
- B. Location: Conference Room at  
Eldon City Hall  
101 S. Oak St.  
Eldon, MO 65026
- 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-19 with bid.  
\*\*NOTE: Aviation Fuel equipment and assemblies shall be manufactured, fabricated, or assembled by firms specializing in the manufacture, fabrication, or assembly of aviation fueling systems, with a minimum of five (5) years of documented experience (to be submitted with bid proposal) – Technical Specification, Item SP-1, page SP-1-1.
- E. Award: Notice to Bidders, Section 1, Page 3 and Section 30 Award and Execution of Contract.

### 4. DBE GOALS

- A. 4% of Contract Amount.

### 5. ESTIMATED CRITICAL CONTRACT DATES

- A. Contract Award: Winter 2014-15 (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: Winter/Spring 2015 (ESTIMATED), Refer to Section 80-2.  
  
Project Time: 75 Calendar Days. Notice to Proceed, Refer to Section 80-08 for more information.

### 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 and II. Refer to Section 4, Part D Federal and State Wage Rates.

**10. ENGINEER’S FIELD OFFICE**

- A. Not applicable to this project.

**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.

	LIQUIDATED DAMAGES COST	ALLOWED CONSTRUCTION TIME
All work	\$750/Calendar Day	75 Calendar Days

Please see the Phasing Sheets, G003 and G006, 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. Phase 1: Utility relocation.
- B. Phase 2: All non-utility work including Schedule I – Expand Apron and Schedule II – Install New Fuel Facility.
- C. Total of 75 calendar days for all work. Note that in the event that Phase II construction operations are delayed due to existing utilities being relocated by others in Phase I, the construction calendar day count will be suspended until all existing utilities have been relocated. Contractor shall provide the Engineer with an impacted construction schedule showing the effect of delays on the Contractor’s operations.

**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: Off of BUS 54.

- D. Waste Area- Contractor shall dispose of all waste materials offsite. Suitable waste material is to be disposed of at the site designated by the City of Eldon (less than 5 miles from the jobsite).
- E. Haul Route- Sheet G002, Notes 17 and 18. The Contractor shall be responsible for any damage to existing facilities or roads regardless of legal load. Repairs shall be made at no additional cost to the sponsor.
- F. Questions will be taken via written format only to Jviation, Inc. until **Thursday, December 11, 2014 5:00 p.m. (CST)**.

#### **14. QUESTIONS**

#### **15. PROJECT SITE TOUR**

**ADDENDUM NO. 1  
ATTACHMENT 2**

Bid Proposal Sheets

To be inserted in Section B - Bid Proposal of the Contract Documents,  
after the Bid Proposal Summary Sheet and before sheet B-3

[ Print double sided for 4 sheets to be inserted ]

Item No.	Description		Units	Estimated Quantity	Unit Price	Total
MO-100a	Mobilization	at the unit price of: _____dollars and _____cents.	LS	1	\$	\$
MO-108a	Install #8 AWG, 5000V, L-824C Cable	at the unit price of: _____dollars and _____cents.	LF	525	\$	\$
MO-108b	Install #6 AWG Bare Copper Counterpoise Including Ground Rods and Terminations	at the unit price of: _____dollars and _____cents.	LF	260	\$	\$
MO-108c	Install 3/0 AWG, CU, 600V, XHHW Wire	at the unit price of: _____dollars and _____cents.	LF	70	\$	\$
MO-108d	Install 4/0 AWG, AL, 600V, XHHW Wire	at the unit price of: _____dollars and _____cents.	LF	1,800	\$	\$
MO-110a	Install 1-2" PVC Duct, Direct Earth Buried	at the unit price of: _____dollars and _____cents.	LF	470	\$	\$
MO-110b	Install 1-3" PVC Duct, Direct Earth Buried	at the unit price of: _____dollars and _____cents.	LF	150	\$	\$
L-115a	Install L-867B Junction Box in Soil	at the unit price of: _____dollars and _____cents.	EA	1	\$	\$
MO-152a	Subgrade Preparation	at the unit price of: _____dollars and _____cents.	SY	3,127	\$	\$
MO-152b	Unclassified Excavation	at the unit price of: _____dollars and _____cents.	CY	1,307	\$	\$
MO-152c	Overexcavation	at the unit price of: _____dollars and _____cents.	CY	500	\$	\$
MO-156a	Ditch Check	at the unit price of: _____dollars and _____cents.	EA	3	\$	\$
MO-209a	Aggregate Base Course	at the unit price of: _____dollars and _____cents.	CY	765	\$	\$
P-501a	6" Portland Cement Concrete Pavement	at the unit price of: _____dollars and _____cents.	SY	3,290	\$	\$
MO-620a	Airport Apron Pavement Markings (yellow)	at the unit price of: _____dollars and _____cents.	SF	126	\$	\$

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## SCHEDULE I

Item No.	Description		Units	Estimated Quantity	Unit Price	Total
MO-620b	Airport Pavement Markings (black)	at the unit price of: _____dollars and _____cents.	SF	252	\$	\$
P-640a	Aircraft Tiedown Anchor	at the unit price of: _____dollars and _____cents.	EA	9	\$	\$
MO-901a	Seeding with Hydromulch	at the unit price of: _____dollars and _____cents.	AC	0.7	\$	\$

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

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Item No.	Description	Units	Estimated Quantity	Unit Price	Total
MO-100a	Mobilization	at the unit price of: _____dollars and _____cents.	LS	1	\$ \$
MO-108e	Install #1 AWG, CU, 600V, XHHW Wire	at the unit price of: _____dollars and _____cents.	LF	840	\$ \$
MO-108f	Install #6 AWG, CU Ground Wire	at the unit price of: _____dollars and _____cents.	LF	280	\$ \$
MO-110a	Install 1-2" PVC Duct, Direct Earth Buried	at the unit price of: _____dollars and _____cents.	LF	280	\$ \$
MO-152a	Subgrade Preparation	at the unit price of: _____dollars and _____cents.	SY	1,275	\$ \$
MO-152b	Unclassified Excavation	at the unit price of: _____dollars and _____cents.	CY	2,123	\$ \$
MO-152c	Overexcavation	at the unit price of: _____dollars and _____cents.	CY	15	\$ \$
MO-209a	Aggregate Base Course	at the unit price of: _____dollars and _____cents.	CY	27	\$ \$
MO-610a	Pipe Bollard	at the unit price of: _____dollars and _____cents.	EA	36	\$ \$
MO-610b	6" Curb and Gutter	at the unit price of: _____dollars and _____cents.	LF	95	\$ \$
MO-610c	6" Portland Cement Concrete Pavement	at the unit price of: _____dollars and _____cents.	SY	165	\$ \$
MO-701a	6" Ductile Iron Pipe	at the unit price of: _____dollars and _____cents.	LF	128	\$ \$
MO-701b	6" Wedge Gate Valve with Indicator Post	at the unit price of: _____dollars and _____cents.	EA	1	\$ \$
MO-731a	MoDOT Type S-1 Inlet (3' X 2')	at the unit price of: _____dollars and _____cents.	EA	1	\$ \$
SP-1a	Acquire and Install Double-Wall 12,000-gallon AVGAS Fuel Tank	at the unit price of: _____dollars and _____cents.	LS	1	\$ \$
SP-1b	Acquire and Install Double-Wall 12,000-gallon JET-A Fuel Tank	at the unit price of: _____dollars and _____cents.	LS	1	\$ \$
SP-1c	Fuel Tank Concrete Saddle Foundations and Concrete Pad	at the unit price of: _____dollars and _____cents.	LS	1	\$ \$
SP-2a	Credit Card Reader	at the unit price of: _____dollars and _____cents.	EA	1	\$ \$

SCHEDULE II BASE BID SUBTOTAL \$ \_\_\_\_\_

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SCHEDULE II

Item No.	Description	Units	Estimated Quantity	Unit Price	Total
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BID ALTERNATE NO. 1 - ASPHALT MILLINGS

ALT-1a	6" Asphalt Millings Aggregate Surface	at the unit price of: _____dollars and _____cents.	SY	937	\$	\$
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SCHEDULE II BID ALT NO. 1 - ASPHALT MILLINGS - SUBTOTAL \$ \_\_\_\_\_

BID ALTERNATE NO. 2 - TYPE 1 MODOT BASE

MO-310a	6" Type 1 MoDOT Base Aggregate Surface	at the unit price of: _____dollars and _____cents.	SY	937	\$	\$
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SCHEDULE II BID ALT NO. 2 - TYPE 1 MODOT BASE - SUBTOTAL \$ \_\_\_\_\_

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