

July 12, 2016

To: Plan Holders for Improvements to the
A. Paul Vance Fredericktown Regional Airport
Fredericktown, Missouri
MoDOT Project No. 16-069A-1

Transmitted herewith is Addendum No. 1 to the Issued for Bid Contract Documents, Specifications and Plans dated June 16, 2016 for Improvements to the A. Paul Vance Fredericktown Regional Airport.

**SCHEDULE I:
Airfield Lighting Rehabilitation**

**SCHEDULE II:
Install Fuel Credit Card Reader**

Sincerely,

Jviation, Inc.



Elizabeth Duvall, P.E.
Project Engineer



**ADDENDUM NO. 1
TO
CONTRACT DOCUMENTS, SPECIFICATIONS AND PLANS
FOR IMPROVEMENTS TO THE
A. PAUL VANCE FREDERICKTOWN REGIONAL AIRPORT
FREDERICKTOWN, MISSOURI
MODOT PROJECT NO. 16-069A-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 July 12, 2016:

1. QUESTIONS/CLARIFICATIONS

Q: Where schedule 40 PVC is specified, can HD11, HDPE be used?

A: For locations under pavements (i.e. borings), Schedule 80 HDPE is required. For areas not under pavements, a Type I- Schedule 40 PVC, Type II- Schedule 40 PVC, or a HDPE Schedule 40 may be used in accordance with Specification MO-110 (110-2.3).

Q: Is the counterpoise to be bonded to the fixtures? What is the spacing on the ground rods for the counterpoise?

A: No, the counterpoise is not to be bonded to the fixtures. The ground rod spacing for the counterpoise is to be not more than 500 ft

Q: The wind cone circuit is 120v- please provide clarification on the circuit?

A: The wind cone is fed out of the electrical panel in the shelter at 120v. The cable will be installed in the same conduit as the runway and PAPI circuits.

Q: Is the contractor responsible for the communication line for the card reader?

A: Yes, the contractor is responsible for installing the communication line for the card reader. The cost is to be included in the line item for 'Install Credit Card Reader'.

2. PRE-BID MEETING AGENDA AND SIGN-IN SHEET

The Pre-Bid Meeting Agenda, Sign-In Sheet and Plan Holder's list are attached to this addendum.

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

Meeting Agenda

Pre-Bid Conference

A. PAUL VANCE FREDERICKTOWN REGIONAL AIRPORT

MoDOT Project No. 16-069A-1

Date: Thursday, July 7, 2016, 2:00 P.M.

Location: Fredericktown Regional Airport

1. RECORDING OF ATTENDEES

- A. Recording of attendees, firm represented, address and phone number.
- B. Attendance & plan holder's list will be sent to all attendees.

2. INTRODUCTIONS & PROJECT DESCRIPTION

- A. Airport Representatives
 - I. Doug Friend, City Administrator
 - II. James Settle, City Public Works Director
 - III. Joel Kemp, Airport Manager
 - IV. Barbara Stevens, City Clerk
- B. Airport Engineering – Jviation, Inc.
 - I. Elizabeth Duvall, Project Engineer
 - II. Ryan Lorton, Project Manager
- C. Project Schedules
 - Schedule I: Airfield Lighting Rehabilitation
 - Schedule II: Install Fuel Credit Card Reader
- D. Major Work Items:

ITEM NO.	ITEM DESCRIPTION	UNITS	SCHEDULE I	SCHEDULE II
MO-105a	MOBILIZATION	LS	1	1
MO-101a	INSTALL AIRPORT ROTATING BEACON	EA	1	-
MO-107a	AIRPORT L-807 WINDCONE, INTERNALLY LIGHTED, 12-FEET	EA	1	-
MO-108a	#8 AWG, L-824C, 5000 VOLT WIRE	LF	22,000	-
MO-108b	#6 AWG, GROUND WIRE	LF	3,800	-

MO-108c	#6 AWG, BARE COPPER COUNTERPOISE, INCLUDING GROUND RODS	LF	10,500	-
MO-110a	2" PVC CONDUIT, INSTALLED IN TRENCH (DEB)	LF	10,000	-
MO-110b	2" HDPE CONDUIT, INSTALLED BY DIRECTIONAL BORING	LF	350	-
MO-125a	REMOVE RUNWAY OR TAXIWAY LIGHT	EA	95	-
MO-125b	INSTALL L-861E (L) RUNWAY END LIGHT	EA	16	-
MO-125c	INSTALL L-861 (L) RUNWAY EDGE LIGHT	EA	39	-
MO-125d	INSTALL L-861T (L) TAXIWAY EXIT LIGHT	EA	40	-
MO-125e	INSTALL L-867B JUNCTION BOX	EA	5	-
MO-125f	INSTALL L-828 CONSTANT CURRENT REGULATOR, 7.5KW	EA	1	-
MO-901a	SEEDING WITH HYDROMULCH	AC	3.2	-
SP-2a	INSTALL CREDIT CARD READER	EA	-	1

3. BID OPENING DATE & TIME

- A. Date: Thursday, July 21, 2016 at 2:00 P.M. (Local Time)
- B. Mailed/Opened: Fredericktown City Hall
ATTN: Barbara Stevens
Office of the City Administrator
124 West Main Street
Fredericktown, Missouri 63645
- C. Bid security: 5% of bid amount – Section 1-2, Bid Security.
- D. Bid Bond: 5% of bid amount – Section 2, Instructions to Bidders, Paragraph 4 and Section 20-10 Bid Guaranty.
- E. Bid proposal: Section 2 and Section B
(print, fill out, and **submit all Section B-1 through B 20 pages**)
- F. Award: Notice to Bidders, Section 1, Page 2 & 3 and Section 30 Award and Execution of Contract. A combination of Schedules may be awarded, including only a single schedule, which in the judgment of the owner, best serves the owner's interest.

4. DBE GOALS

- A. **8.0%** of Contract Amount.

5. CRITICAL CONTRACT DATES

- A. Contract Award: Summer/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: Fall 2016 (Estimated).
- C. Project Time: 35 Calendar Days. Refer to Section 80-08 for more information.

6. BONDING

- A. Payment Bond: Section 30-6, 100% of Bid Amount.
- B. Performance Bond: Section 30-6, 100% of Bid Amount.

7. BUY AMERICAN REQUIREMENTS

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

8. INSURANCE REQUIREMENTS

Refer to Section 4, Part C Local Provisions, Item 11 Insurance.

9. FEDERAL WAGE RATES (DAVIS BACON ACT)

- A. Federal wage rates are required for this project. Refer to Section 4, Part D Federal and State Wage Rates.

10. ENGINEER'S FIELD OFFICE - NOT required for this project.

11. CONSTRUCTION SAFETY AND PHASING PLAN (CSPP)

- A. Construction Safety and Phasing Plan (CSPP) – Refer to Appendix B.
- B. The Contractor shall review and adhere to the CSPP prepared by the Engineer.
- C. The Contractor shall submit a Safety Plan Compliance Document (SPCD) (Refer to Appendix 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) 150/5370-2F “Operational Safety on Airports During Construction” and the Construction Safety and Phasing Plan (CSPP).

12. LIQUIDATED DAMAGES

As compensation for non-use, the Contractor shall be assessed a liquidated damage of **\$750/Calendar Day** for each day that the work remains uncompleted beyond the contract period. Further, each phase of work under the project has additional liquidated damage clauses. Refer to **Section 80-08 FAILURE TO COMPLETE ON TIME** and **Section 4, PART C LOCAL PROVISIONS, ITEM 18.**

Section 80-08 FAILURE TO COMPLETE ON TIME.

SCHEDULE	LIQUIDATED DAMAGES COST	ALLOWED CONSTRUCTION TIME
Schedule I	\$750/Calendar Day	35 Calendar Days
Schedule II	\$750/Calendar Day	35 Calendar Days

The maximum construction time allowed for the overall project is **35 Calendar Days**.

13. PROJECT PHASING

- A. Phase 1: All work outside of Safety Areas (35 calendar days)
- B. Phase 2: All work inside of Runway and Taxiway Safety Areas (21 calendar days). Work shall be performed concurrently with Phase 1 work.

14. MISCELLANEOUS

- A. Airport Security- Badging is not required for this project.
- B. Review Construction Layout and Safety Drawing **G003 thru G006** – note the Staging Area & Airport Access.
- C. Review Construction Layout Phases – the contractor shall install flasher barricades around the perimeter of the construction site to isolate the contractor from aircraft.
- D. Contractor shall stay within project boundaries.
- E. Radios for the project to be provided by Contractor.
- F. Quality Assurance and Quality Control by Contractor.
- G. Construction Management Plan submitted by Contractor. See Section 100 (Section 3-51).
- H. Survey requirements (Section 50-06).
- I. Haul Route- 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. Haul route is shown on the phasing sheet.
- J. Questions will only be taken via written format to Jviation, Inc. until **Monday, July 18th, 2016 11:00 a.m. (CST)**.

15. QUESTIONS/ANSWERS

16. PROJECT SITE TOUR

A. Paul Vance Fredericktown Regional Airport
 MODOT 16-069A-1 Airfield Lighting Rehabilitation; Install Fuel Credit Card Reader
 Plan Holder's List

ROLE	Company Name	CONTACT	STREET ADDRESS	CITY	STATE	ZIP	TELEPHONE NO.	EMAIL ADDRESS	FAX NUMBER	
1	Jviation	Jviation, Inc.	Ryan Lorton	12200 NW Ambassador Dr, Ste. 234	Kansas City	MO	64134	816-243-1322	ryan.lorton@jviation.com	
2	Jviation	Jviation, Inc.	Liz Duvall	931 Wildwood Dr, Ste. 101	Jefferson City	MO	65109	573-658-9478	liz.duvall@jviation.com	
3	Jviation	Jviation, Inc.	Zach Ambariantz	900 S. Broadway, Ste. 350	Denver	CO	80209	720-544-6534	zach.ambariantz@jviation.com	
4	MODOT	MODOT	Andrew Hanks						Andrew.Hanks@modot.mo.gov	
5	Airport	A. Paul Vance Fredericktown Regional	Barbara Stevens						cityclerk@fredericktownmo.org	
6	Prime	Koch Electric Incorporated	Shawn Koch	26688 U.S. Highway 61	Scott City	MO	63780	573-313-2444	shawn@kochelectricinc.net	573-313-2445
7	Sub	Shaffer & Hines, Inc.	Clayton Hines	PO Box 493	Nixa	MO	65714	417-725-4663	chines@shafferhines.com	417-725-5230
8	Plan Room	ePlan	Raven	4115 S. Providence Road Ste 105	Columbia	MO	65203	573-447-7130	eplan@eplanbidding.com	573-355-5404
9	Prime	Sturgeon Electric Company, Inc.	Clayton Andrews	12150 East 112th Avenue	Henderson	CO	80640	720-456-0972	candrews@myrgroup.com	3033424451
10	Prime	TGB, Inc.	Sharon Tielke	1104 S. Jefferson Ave	St. Louis	MO	63122	(314) 664-4444	sharon@tgbinc.com	
11	Prime	TGB, Inc.	Steven Tielke	1104 S. Jefferson Ave	St. Louis	MO	63122	(314) 664-4444	steve@tgbinc.com	
12	Ptime	Mid-State Petroleum Equipment, Inc.	James Benson	P.O. Box 80	Hallsville	MO	65255	(573) 696-3103	jbenson@midstatepetro.com	(573) 696-2317
13	Sub	Astronics	Bruce Miller	6830 NW 16th Terrace	Fort Lauderdale	FL	33309	954-975-2222	bruce.miller@astronics.com	954-979-3313
14	Plan Room	Multi Electric Manufacturing	Frank Kazienko	4223 W. Lake Street	Chicago	IL	60624	773-722-1900	fkazienko@multielectric.com	779-722-5694
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