

June 19, 2015

To: Plan Holders for Improvements to the
Northwest Missouri Regional Airport
Maryville, Missouri
Project No. 14-002A-1
Reconstruct Runway 14/32 (Schedule I), Reconstruct Connecting Taxiway (Schedule II), and Partial Apron (Schedule III)

Transmitted herewith is Addendum **No. 2** to the Contract Documents, Plans and Specifications dated May 26, 2015 for Improvements to the Northwest Missouri Regional Airport, Maryville, Missouri, Project No. 14-002A-1.

SCHEDULE I:

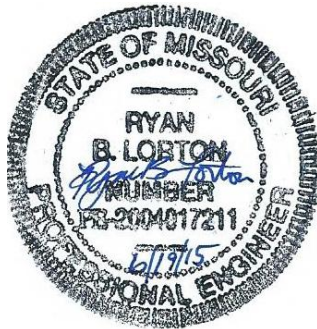
Reconstruct Runway 14/32

SCHEDULE II:

Reconstruct Connecting Taxiway

SCHEDULE III:

Reconstruct Partial Apron



Sincerely,

Jviation, Inc.

Ryan B. Lorton, P.E.
Project Manager

**ADDENDUM NO. 2
TO
CONTRACT DOCUMENTS, PLANS AND SPECIFICATIONS
FOR IMPROVEMENTS TO THE
NORTHWEST MISSOURI REGIONAL AIRPORT
MARYVILLE, MISSOURI
PROJECT NO. 14-002A-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 June 19, 2015:

1. TECHNICAL SPECIFICATIONS

- MO-107:** AIRPORT 8-FOOT AND 12-FOOT WIND CONES
Page: MO-107-3
Revision: The Basis of Payment has been revised to include the removal of the existing wind cone incidental to the installation of the new wind cone. The Pay Item Description has been revised to match the Bid Proposal Form Pay Item Description.
See attached page MO-107-3.
- MO-108:** UNDERGROUND POWER CABLE FOR AIRPORTS
Page: MO-108-14
Revision: The Pay Item Descriptions have been revised to match the Bid Proposal Form Pay Item Descriptions.
See attached page MO-108-14.

2. PLAN SET

- Sheet: E200
Title: Electrical Details
Revision: The Wind Cone Plan View Detail at the upper right-hand corner of the sheet has been revised to describe the removal of the existing wind cone as incidental to the installation of the new wind cone per Item MO-107a.
See attached sheet E200.

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

107-3.5 GROUND CONNECTION AND GROUND ROD. The Contractor shall furnish and install a ground rod, grounding cable, and ground clamps for grounding the frame of the 12-foot assembly or pipe support of the 8-foot support near the base. The ground rod shall be of the type, diameter and length specified in Item MO-108, Underground Power Cable for Airports. The ground rod shall be driven into the ground adjacent to the concrete foundation (minimum distance from foundation of 2 feet) so that the top is at least 6 inches below grade. The grounding cable shall consist of No. 4 AWG minima bare stranded copper wire or larger and shall be firmly attached to the ground rod by exothermic welding per MO-108. The other end of the grounding cable shall be securely attached to a leg of the frame or to the base of the pipe support with non-corrosive metal and shall be of substantial construction. The resistance to ground shall not exceed 25 ohms.

107-3.6 PAINTING. The wind cone shall be supplied factory coated with an aviation orange paint or powder coated finish. Any damage to painted surfaces of the wind cone shall be repaired by the contractor at no expense to the sponsor.

107-3.7 LAMPS. The Contractor shall furnish and install lamps as specified by the manufacturer. All lights on the wind cone shall be LED type.

107-3.8 CHAIN AND PADLOCK. The Contractor shall furnish and install a suitable operating chain for lowering and raising the hinged top section. The chain shall be attached to the pole support in a manner to prevent the light fixture assembly from striking the ground in the lowered position.

A padlock shall also be furnished by the Contractor on the 8-foot wind cone for securing the hinged top section to the fixed lower section. Keys for the padlock shall be delivered to the Engineer.

METHOD OF MEASUREMENT

107-4.1 The quantity to be paid for shall be the number of wind cones installed as completed units in place, accepted, and ready for operation.

BASIS OF PAYMENT

107-5.1 Payment will be made at the contract unit price for each completed and accepted job. This price shall be full compensation for furnishing all materials and for all preparation, assembly, and installation of these materials, and for all labor, equipment, tools, and incidentals necessary to complete this item. The removal of the existing wind cone shall be considered incidental to the installation of the new wind cone per Item MO-107a.

Payment will be made under:

Item MO-107a Airport L-807 Wind Cone, Internally Lighted, 12-feet – per each

including ground rods and grounding connectors, and trench marking tape ready for operation, and accepted as satisfactory. Separate measurement shall be made for each cable installed in trench, duct bank or conduit. Trenching, backfill, and restoration shall be incidental to cable installation. The measurement for this item **shall not** include additional quantities required for slack.

Cable slack is considered incidental to this item and is included in the contractor's unit price. No separate measurement or payment will be made for cable slack.

BASIS OF PAYMENT

108-5.1 Payment will be made at the contract unit price for trenching, cable installed in trench (direct-buried), or cable installed in duct bank or conduit, in place by the Contractor and accepted by the Engineer. This price shall be full compensation for furnishing all materials and for all preparation and installation of these materials, and for all labor, equipment, tools, and incidentals, including ground rods and ground connectors and trench marking tape, necessary to complete this item.

Payment will be made under:

Item MO-108a #8 AWG, L-824C, 5000Volt Wire - per linear foot

Item MO-108b #6 AWG Bare Copper Counterpoise, including Ground Rods - per linear foot

MATERIAL REQUIREMENTS

AC 150/5345-7 Specification for L-824 Underground Electrical Cable for Airport Lighting Circuits

AC 150/5345-26 Specification for L-823 Plug and Receptacle Cable Connectors

FED SPEC J-C-30 Cable and Wire, Electrical Power, Fixed Installation (cancelled; replaced by A-A-59544 Cable and Wire, Electrical (Power, Fixed Installation))

FED SPEC A-A-55809 Insulation Tape, Electrical, Pressure-Sensitive Adhesive, Plastic

ASTM B 3 Soft or Annealed Copper Wire

ASTM D 4388 Rubber tapes, Nonmetallic Semiconducting and Electrically Insulating

REFERENCE DOCUMENTS

NFPA No. 70 National Electrical Code (NEC)

