

## **ADDENDUM NO. 1**

### **INVITATION TO BID #09-11**

**BID DESCRIPTION: [Rebid] Aircraft Rescue and Firefighting (ARFF) Vehicle**

**ADDENDUM ISSUE DATE: Friday, December 4, 2009**

**BID OPENING DATE: Wednesday, December 9, 2009**

**BID OPENING TIME: 10:00 AM**

The following section/paragraph in the Special Terms and Conditions section has been amended. Please replace the original bid paragraph with the following:

#### **3.3 Specifications**

The Chicago Rockford International Airport is seeking bids for a 3,000 gallon Airfield Rescue and Fire Fighting Vehicle conforming to the requirements of FAA AC 150/5220-10D

([http://www.faa.gov/documentLibrary/media/advisory\\_circular/150-5220-10D/150\\_5220\\_10d.doc](http://www.faa.gov/documentLibrary/media/advisory_circular/150-5220-10D/150_5220_10d.doc)) National Fire Protection Association Standard (NFPA) 414, 2007 edition, Standard for Aircraft Rescue and Fire-Fighting Vehicle; and NFPA 1901, 2003 Edition, Standard for Automotive Fire Apparatus. Performance requirements for class 5 vehicles follow the NFPA 414 Performance requirements for 1585 gallons. It is the intent of the airport to seek federal Airport improvement Program (AIP) funding or reimbursement for the acquisition of this vehicle. Respondents should include required equipment as outlined in the referenced documents and identified within AC 150/5220-10D as eligible for federal participation. Loose Equipment (Tools and Equipment) authorized by the FAA and customarily provided with AIP funded ARFF vehicles is to be included and is attached as Appendix A. Appendix B (FAA AC 150/5220-10D) Worksheet Subsystem Component Selection is completed and attached. Request for clarification should be addressed to Wayne Langy, Operations Manager at [wlangy@flyrfd.com](mailto:wlangy@flyrfd.com) no later than 5:00 p.m. on December 4, 2009. No clarifications will be provided by telephone or in person.

### **Acknowledgment Page**

All Vendors shall acknowledge receipt and acceptance of this Addendum No. 1, by signing in the acknowledgment space provided below and submitting this acknowledgment page with their proposal.

Receipt acknowledgment and conditions agreed to this \_\_\_\_ day of \_\_\_\_\_, 2009.

Vendor \_\_\_\_\_

By \_\_\_\_\_

## APPENDIX A

### TOOLS AND EQUIPMENT

The following loose equipment shall be supplied with the vehicle, (provisions shall be made to have these items installed into the vehicle compartments during the initial in-service period of the truck):

- (2) Chock set, Aluminum, 6 inch high minimum, with mounting brackets on outside of vehicle adjacent to front wheels
- (2) Brass hydrant wrenches w/brackets
- (4) 2-1/2 in. spanner wrenches w/brackets
- (4) 5 in. spanner wrenches w/brackets
- (1) Axe, rescue, large six pound serrated large non-wedge type head and fiberglass handle mounted on the vehicle
- (1) 30 pound MET-L-X fire extinguisher with bracket
- (1) 15.5 pound Halotron I fire extinguisher with bracket
- (1) Bar, 36" wrecking, w/gooseneck
- (1) Piercing applicator, manual, 6 foot, Akron Style 1088
- (1) Ladder, 2-section extension, ALCO-LITE Model PEL-24, or equal, mounted on the top of the vehicle on a gantry so as to be accessible from the ground
- (1) Ladder, Little Giant Model 26, or equal, mounted on the top of the vehicle on a fixed bracket
- (2) 25' sections 5" Large Diameter supply hose fitted with Stortz style fittings
- (2) Portable 500-watt floodlights with mounting brackets
- (1) Ajax Rescue Tools Model 911-RKM Chisel and Impact wrench kit, or equal

9/24/07

**APPENDIX B**

The following options are available in addition to those discussed above in NFPA 414 Annex A.

A. The following are approved options and require no further justification.

**WORKSHEET FOR SUBSYSTEM COMPONENT SELECTION**

Subsystem Description:	Rationale for Position:	Purchaser's Selection Class 1, 2 and 3	Purchaser's Selection Class 4 and 5
Lubrication	Continuous duty cycle lubrication systems for suspension parts and other mechanical equipment joints have shown the ability to extend the time before repair and costly maintenance is required on over-the-road as well as heavy excavation equipment. The installation of this type of system is in line with the FAA's goal of extending vehicle service life.		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Backup Monitor			<u>Backup monitor:</u> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Heated Mirrors	The heated mirrors might be helpful to the driver/crew member to see clearly in the bad weather.	<u>Heated mirrors:</u> Yes <input type="checkbox"/> No <input type="checkbox"/>	<u>Heated mirrors:</u> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
CAFS	Improved Fire Suppression	Yes <input type="checkbox"/> No <input type="checkbox"/>	

Subsystem Description:	Rationale for Position:	Purchaser's Selection Class 1, 2 and 3	Purchaser's Selection Class 4 and 5
Means to keep brake system air reservoir up to operational pressure	The selected method of reservoir pressurization must be considered based on the local resource requirement. However, cost effectiveness must also be considered so it does not impact the "as-built" vehicle performance. It is viewed as a local operational decision.		<u>100V or 220V auxiliary on-board compressor:</u> _____  or  House air fitting: <input checked="" type="checkbox"/> _____  Or both: _____
Hoisting System	Aid in propellant cylinder change.		<u>Lift system required:</u>  Yes <input checked="" type="checkbox"/> _____  No _____
Height adjustable shelf		Yes _____  No _____	Yes _____  No <input checked="" type="checkbox"/> _____
Height adjustable roll-out trays		Yes _____  No _____	Yes _____  No <input checked="" type="checkbox"/> _____
SCBA storage	Recessed tubes in the vehicle body or racks in a side compartment	Recessed tubes: _____  Or  Side compartment racks: _____	Recessed tubes: _____  Or  Side compartment racks: <input checked="" type="checkbox"/> _____
Air outlet receptacle		Yes _____  No _____	Yes _____  No <input checked="" type="checkbox"/> _____

9/24/07

Subsystem Description:	Rationale for Position:	Purchaser's Selection Class 1, 2 and 3	Purchaser's Selection Class 4 and 5
Vehicle mounted foam transfer pump		Yes _____ No _____	Yes _____ No <input checked="" type="checkbox"/>
Bleeder valves for water tank fills		Yes _____ No _____	Yes <input checked="" type="checkbox"/> No _____
Air hose reel		Yes _____ No _____	Yes _____ No <input checked="" type="checkbox"/>
Electric cord reel with junction box		Yes _____ No _____	Yes _____ No <input checked="" type="checkbox"/>
Safety interlock system for pre-connect soft jacket hose.	Providing cab activation for each pre-connected soft jacket handline as well as preventing the hose from being charged in a compartment	Yes _____ No _____	Yes _____ No <input checked="" type="checkbox"/>
Swing-out hose reels.	When hose reel is mounted in lower side compartment	Yes _____ No _____	Yes _____ No <input checked="" type="checkbox"/>
Ground lighting	Activated when parking brake is engaged.	Yes _____ No _____	Yes _____ No <input checked="" type="checkbox"/>
Cab mounted hand adjustable spotlights.	One in each corner (Class 1, 2 3 Only)	Yes _____ No _____	N/A
Scene Lights	Two on each side (110v or 12 volt HID)	Yes _____ No _____	Yes <input checked="" type="checkbox"/> No _____

Subsystem Description:	Rationale for Position:	Purchaser's Selection Class 1, 2 and 3	Purchaser's Selection Class 4 and 5
Cab Mounted Wide Lights	Two 110v or 12 volt HID lights.	Yes _____ No _____	Yes <input checked="" type="checkbox"/> No _____
Telescoping Wide Lights	One or two 110v / 220v t on each side	Yes _____ No _____	Yes <input checked="" type="checkbox"/> No _____
110v receptacles on sides of cab		Yes _____ No _____	Yes <input checked="" type="checkbox"/> No _____
<p>Maximum Vehicle Lighting</p> <p>Minimum lighting requirements are in AC 150/5210-5, <i>Painting, Marking, and Lighting of Vehicles Used on an Airport</i></p>	<p>Two red or a combination of red-and-white front mounted emergency lights</p> <p>Two red or a combination of red-and-white rear mounted emergency lights</p> <p>Three red or a combination of red-and-white side mounted emergency lights (each side)</p> <p>Two amber non-emergency lights on top of vehicle</p> <p>Four red or a combination of red-and-white emergency lights on top corners of the vehicle</p>	<p>LED _____</p> <p>or</p> <p>Strobe _____</p> <p>or</p> <p>Rotating Beacon _____</p>	<p>LED _____</p> <p>or</p> <p>Strobe <input checked="" type="checkbox"/></p> <p>or</p> <p>Rotating Beacon _____</p>

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 December 4, 2009

9/24/07

AC 150/5220-10D

B. The following clarifications are specifically noted in the AC as purchaser options that require approval by the local FAA Airports District or Regional Office. They are approved as noted below:

*Robert A. [Signature]*  
 (Name and Title of FAA Approving Official)

**WORKSHEET FOR SUBSYSTEM COMPONENT SELECTION**

Paragraph Title or Subsystem Description:	Rationale for Position:	Purchaser's Selection Class 1, 2, and 3	Purchaser's Selection Class 4 and 5
More than two Crew positions	The need for a seating configuration to accommodate more than two ARFF personnel per vehicle is a function of local operational practices. Therefore, it is included as an option available to the purchaser.	<u>Number of seats:</u> _____  <u>Justification:</u>	<u>Number of seats:</u> <u>2</u>  <u>Justification:</u>
Extendable Boom	FAA will fund one extendable boom per station at each Index B through E airport.		<u>Extendable Boom:</u>  Yes _____  No <input checked="" type="checkbox"/>