

# MEMO



## FLORIDA SHERIFFS ASSOCIATION

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DATE: December 10, 2009

TO: **PROSPECTIVE PURCHASING AGENCIES**

FROM: Peggy Goff                                      Lynn Meek  
Vehicle Contract Manager      Cooperative Bid Coordinator

RE: **Extension of Bid 08-08-0909**  
**Fire Rescue Vehicles & Other Fleet Equipment**

The Florida Sheriffs Association will extend Bid 08-08-0909 for an additional nine months, and will be effective through September 30, 2010.

Due to the new federal emission standards for 2010 engines, the Florida Sheriffs Association will allow manufacturers to increase the base price of the vehicles offered through this contract, as allowed in Part A, item seventeen (17) from Bid 08-08-0909.

Purchase orders should start at the base price for the vehicle being purchased and show the increase to make the vehicle compliant with the new emission standards. The end user should request documentation from the manufacturers in order to substantiate the increase.

The success of this program is due to the end user. We appreciate your loyalty and continued support.



## **FLORIDA FIRE CHIEFS' ASSOCIATION, FLORIDA SHERIFFS ASSOCIATION & FLORIDA ASSOCIATION OF COUNTIES**

### **2009 LEVEL II CUSTOM PUMPER Specification #15 (Spartan Chassis - 4 Door)**

The Custom Pumper, purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and FSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by manufacturer by specification by zone.

<b>MODEL:</b>	<b>Pierce Arrow XT</b>	<b>Pierce Arrow XT PUC</b>
<b>ZONE:</b>	<b>All Zones</b>	<b>All Zones</b>
<b>BASE PRICE:</b>	<b>\$362,173.00</b>	<b>\$387,489.00</b>
<b>BODY:</b>	Formed Aluminum	Formed Stainless Steel
<b>MANUFACTURER:</b>	Ten-8 Fire Equipment, Inc.	Ten-8 Fire Equipment, Inc.

While the Florida Fire Chiefs' Association, Florida Sheriffs Association and Florida Association of Counties have attempted to identify equipment required to meet all current NFPA 1901, (2009 edition), applicable for pumper fire apparatus Chapter 5 and other required chapters, FMVSS (applicable areas) and NHTSA standards, we realize equipment needs and preferences are going to vary from agency to agency. Any options required or changes required by purchaser shall be made through the vendor listed.

Purchasers are advised that the above referenced vehicle specification comes equipped as a base unit only. The Florida Fire Chiefs' Association, Florida Sheriffs Association and Florida Association of Counties have identified and equipped the base unit with those specifications and equipment items required to meet all current NFPA. Since equipment needs and preferences are going to vary from agency to agency, any additional options required or changes to the base unit desired by the purchaser shall be made through the manufacturer listed.

**NOTE:** An official listing of all add/delete options and their prices should be obtained from the appropriate vendor.



# **FLORIDA FIRE CHIEFS' ASSOCIATION, FLORIDA SHERIFFS ASSOCIATION & FLORIDA ASSOCIATION OF COUNTIES**

## ***Base Specifications***

### **SPECIFICATION #15 - LEVEL II CUSTOM PUMPER**

**ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED**

**THE CUSTOM CAB AND CHASSIS SHALL BE MANUFACTURED BY THE BODY MANUFACTURER**

#### **1. CHASSIS**

- a. 110,000 psi heat treated steel frame rail system
- b. 10 gauge polished stainless steel 16" to 24" extended front bumper with aluminum diamond plate gravel shield, 1-1/2 front jump line with enclosed compartment in center of front bumper to hold minimum 100' of 1-3/4 DJ fire hose
- c. Tow hooks or eyes front and rear attached to the frame
- d. 20,000 pound minimum front axle, suspension, tubeless radial tires, polished aluminum wheels with hub and lug trim package
- e. 24,000 pound minimum rear axle, suspension, tubeless radial tires, polished aluminum wheels with hub and lug trim package
- f. Front and rear mud flaps
- g. NFPA 1901 Chapter 4.15.3 top speed rating requirement
- h. S-cam air brakes or equivalent, as large as possible, with automatic slack adjusters
- i. Minimum 16 cfm gear driven air compressor
- j. Minimum 5000 cubic inch air reservoir capacity
- k. Air dryer, color coded air lines, turn drain valves on reservoirs
- l. ABS brakes
- m. Power steering with tilt/telescopic wheel
- n. Vehicle data recorder (VDR) in compliance with Chapter 4.11 with required software meeting 4.11.8
- o. Electronic Stability Control shall be provided in compliance with NFPA 1901 Chapter 4.13.1.2 if the manufacturer cannot comply with Chapters 4.13.1.1 through 4.13.1.1.3.2.
- p. Tire pressure monitoring system with Chapter 4.13.4

#### **2. POWERTRAIN**

- a. Turbocharged diesel engine with a minimum 400 horsepower and 1450 ft. lbs. torque rating

- b. Engine exhaust at front of right rear wheels
- c. Secondary braking
- d. Engine manufacturer's statement of engine installation approval with approved cooling system
- e. Drivelines to meet engine torque rating
- f. Silicone coolant hoses with constant torque clamps
- g. EVS 4000 or equivalent automatic transmission
- h. 65 gallon minimum fuel tank
- i. OEM oil, fuel, transmission filters

**3. CAB**

- a. Extended length tilt aluminum cab (minimum 65" from center of front axle to rear of cab) with minimum 10" raised rear roof meeting NFPA 1901 Chapter 14.3.2
- b. Seating for six, five in SCBA seats with SCBA brackets
- c. Air ride driver seat, all others fixed position
- d. All persons in 3-point seat belts per Chapter 14, seats equipped with seat belt/occupant detection/warning system per Chapter 14
- e. Electric over hydraulic cab tilt
- f. Single tone cab paint finish with 10 year paint warranty pro-rated
- g. Air conditioning and heating
- h. Remote controlled mirrors (from driver's position) with separate flat and convex sections
- i. DOT compliant headlights with LED marker and clearance lights
- j. LED forward facing turn and warning lights
- k. LED cornering turn and warning lights
- l. Minimum four (4) dome lights with red and clear bulbs
- m. Minimum four (4) under cab step lights
- n. Cab and compartment door ajar light and buzzer
- o. One (1) engine compartment light
- p. Color coded and function coded wiring
- q. Minimum 320 amp alternator
- r. Minimum four (4) 750 CCA batteries
- s. Load manager with automatic high idle function
- t. Dual air horns with dual in-cab controls

**4. LIGHTS AND SIRENS**

- a. NFPA LED compliant lighting package, upper and lower
- b. Siren/PA - 200 watts
- c. Mechanical siren with dual controls
- d. Two 100-watt siren speakers
- e. Two rear deck lights
- f. 8kW hydraulic generator, 6-place breaker panel, (2) 750 watt telescopic lights mounted on body

**5. BODY**

- a. Bidders to bid on each of their offered construction types:
  - Extruded aluminum
  - Formed aluminum
  - Formed galvaneal steel
  - Formed stainless steel

- b. Bidders to state thicknesses, alloys and construction methods of all materials used in body construction
- c. Three full height, full depth rescue style compartments
- d. Three full height, full depth lower, half-depth upper rescue style compartments
- e. Lights in compartments to meet NFPA 1901 Chapter 13.10.5
- f. One (1) full height, full depth compartment rear of body
- g. Back up alarm
- h. Internal ladder storage compartment right rear of body, to hold NFPA complement of ground ladders and two (2) pike poles
- i. Hose bed with hose restraints to be NFPA compliant; including one (1) adjustable divider
- j. Steps and handrails for climbing from ground to hose bed – bidders to state exact design
- k. Lights at each step
- l. LED stop/turn/back up lights
- m. LED DOT clearance and marker lights
- n. LED license plate light
- o. Minimum of 4 SCBA bottle storage compartments in rear wheel wells
- p. Rub rail along each side of body and rear of body with reflective stripe in rub rail
- q. Running boards at each pump panel
- r. Brushed stainless steel or duranodic black aluminum pump panels
- s. Hose bed lighting must be provided per NFPA 1901 Chapter 13.10.2
- t. Minimum 4" reflective stripe on cab and body, chevron striping on rear of body per NFPA 1901
- u. Four (4) aluminum adjustable shelves, located by customer
- v. Two (2) floor mounted aluminum roll-out trays, minimum 250 lb. capacity each, located by customer
- w. Equipment package: One 10' folding attic ladder, one 14' roof ladder, one 24' 2-section extension ladder, two 10' pike poles

**6. PUMP**

- a. 1500 GPM single stage fire pump with side mount pump panel per NFPA 1901 Chapter 16
- b. One 3" deck gun discharge
- c. Four 2.5" discharge outlets (includes one (1) rear 2-1/2" discharge)
- d. One 2.5" suction inlet on left pump panel
- e. Two 6" steamer inlets with caps
- f. Discharge and inlet pressure reliefs
- g. Two 1.75" crosslays with 2" piping
- h. One 3" tank to pump line
- i. One 1.5" tank fill line
- j. 30 degrees turn downs on all 2-1/2" or larger discharges
- k. Anti-vibration gauges
- l. Color coded pump panel tags
- m. Stainless steel plumbing with 10-year warranty
- n. One 4" LDH discharge, right side pump panel, hand wheel control

**7. WATER TANK**

- a. 750-gallon rectangular tank (U.S.) poly.
- b. Lifetime warranty
- c. 12" x 12" fill tower

8. COMPARTMENTS

- a. Manufacturer will submit cubic feet and size of compartments with bid.

9. WARRANTY

- a. 1 year bumper to bumper mechanical, excluding normal wear and tear items
- b. 10 year cab and body structural
- c. 10 year paint pro-rated
- d. 10 year corrosion perforation on cab and body
- e. Lifetime frame warranty
- f. 2 year axle warranty
- g. 5 year engine warranty
- h. 5 year transmission warranty
- i. 5 year fire pump warranty
- j. Lifetime booster tank