

# **BID AWARD ANNOUNCEMENT**

# **11-10-1202**

***Original Effective Dates:***

*January 1, 2012 – December 31, 2012*

***1st Extension:*** *January 1, 2013 – December 31, 2013*

***2nd Extension:*** *January 2, 2014 – December 31, 2014*

**FIRE RESCUE VEHICLES  
& OTHER FLEET EQUIPMENT**  
*Participating Law Enforcement, Fire/Rescue  
& Local Governmental  
Agencies of the State of Florida*

*Coordinated By*

**The  
Florida Fire Chiefs' Association,  
Florida Sheriffs Association &  
Florida Association of Counties**



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## FLORIDA SHERIFFS ASSOCIATION

P. O. Box 12519 • Tallahassee, FL 32317-2519  
PHONE (850) 877-2165 • FAX (850) 878-8665  
WEB SITE: [www.flsheriffs.org](http://www.flsheriffs.org)

DATE: January 1, 2012

TO: **ALL PROSPECTIVE PARTICIPANTS**

FROM: Steve Casey                      Lynn Meek                      Peggy Goff  
Executive Director              Vehicle Bid Coordinator              Vehicle Contract Manager

RE: **PARTICIPATING LAW ENFORCEMENT, FIRE/RESCUE &  
LOCAL GOVERNMENTAL AGENCIES OF THE STATE OF FLORIDA  
COOPERATIVE BID FOR FIRE/RESCUE VEHICLES & OTHER FLEET EQUIPMENT  
Bid No. 11-10-1202**

We are pleased to announce that the Florida Fire Chiefs' Association, the Florida Sheriffs Association and the Florida Association of Counties has successfully conducted its tenth statewide competitive bid for fire & rescue vehicles. Bids will be extended and guaranteed to any and all units of local governments/political subdivisions including but not limited to county, local county board of public instruction, municipalities and other local public or public safety agencies or authorities within the State of Florida.

In addition to the eligible users referenced above and with the consent of the successful bidder(s) purchases may be made under the terms and conditions of this contract by governmental entities located outside the State of Florida. Appropriate governmental entities' purchasing laws, rules and regulations shall apply to purchases made under this contract.

This contract is effective January 1, 2012 thru December 31, 2012. 1st Extension - January 1, 2013 thru December, 31, 2013; 2nd Extension - January 1, 2014 thru December 31, 2014.

***All interested parties who wish to purchase from this contract may do so by following these simple procedures:***

### **ORDERING INSTRUCTIONS**

1. Contact the awarded manufacturer/dealer (see page 29) listed which you wish to purchase and advise them of your interest to purchase from the **Fire Rescue Vehicles & Other Fleet Equipment Bid No. 11-10-1202**. They will assist you with the placement of your order and answer any questions you may have regarding the vehicles purchased through this program.

**IMPORTANT NOTE:** All agencies ordering any FORD, GENERAL MOTORS, or CHRYSLER product, please be advised that you must use the appropriate FIN CODE/FAN CODE for the Florida Sheriffs Association in order to obtain the manufacturer's concessions. Also, you must

use your FIN CODE/FAN CODE as a secondary number. For further assistance call the Fleet Customer Information Center for your appropriate manufacturer.

<b>Manufacturer</b>	<b>Type Code</b>	<b>FSA Code</b>	<b>Fleet Center Contact Numbers</b>	
FORD	FIN CODE	QE065	1-800-34-FLEET	(1-800-343-5338)
GENERAL MOTORS	FAN CODE	917872	1-800-FLEET OP	(1-800-353-3867)
CHRYSLER	FAN CODE	49313	1-800-999-FLEET	(1-800-999-3533)

2. **YOU MUST send a copy of the ORIGINAL PURCHASE ORDER (including FSA's Contract No. 11-10-1202) you submitted to the participating manufacturer to:**

**Florida Sheriffs Association**  
P. O. Box 12519  
Tallahassee, Florida 32317-2519  
ATTN: Lynn Meek, Cooperative Bid Coordinator  
lmeek@flsheriffs.org

3. **Basic information required on all purchase orders** is listed on Page 31 of this Bid Award Announcement. Purchase orders lacking the required basic information listed may result in the delay of placement and/or confirmation of orders. **NOTE:** Purchasers are reminded that the issuance of a Purchase Order does not in itself guarantee the placement of an order. The agency is responsible for obtaining a "Confirmation of Order" from the respective manufacturer. Manufacturers are required to complete a "Confirmation of Order" and send it to the purchaser within fourteen (14) calendar days after receipt of purchase order. Purchasers are encouraged to contact the dealer if a "Confirmation of Order" has not been received within a reasonable time frame and request its issuance.

This program is designed to provide participating agencies with the most economically priced fire & rescue vehicles and other fleet equipment tailored to their specific needs, in a prompt and timely manner.

The Florida Fire Chiefs' Association, the Florida Sheriffs Association and the Florida Association of Counties bid award for fire & rescue vehicles and other fleet equipment are as follows:

## OVERVIEW OF AWARDED SPECIFICATIONS

<b>Name of Manufacturer</b>	<b>Type Vehicle</b>	<b>Base Unit Price</b>
<b><u>SPECIFICATION #01 – TYPE I AMBULANCE (4 x 2)</u></b>		
Braun Industries, Inc.	Ford XLT F-350	\$ 117,190.00
ETR, L.L.C. (AEV)	Ford XLT F-350	\$ 98,029.00
Excellance, Inc.	Ford XLT F-350	\$ 133,038.00
Hall-Mark Fire Apparatus, Inc. (Horton)	Ford XLT F-350	\$ 127,434.00
Pierce Manufacturing, Inc. (Medtec)	Ford XLT F-350	\$ 97,987.00

<b>Name of Manufacturer</b>	<b>Type Vehicle</b>	<b>Base Unit Price</b>
<b><u>SPECIFICATION #01 – TYPE I AMBULANCE (4 x 2)</u></b>		
<i>(cont'd)</i>		
Quality Emergency Vehicles Sales & Service, Inc. (Osage)	Ford XLT F-350	\$ 118,775.00
Road Rescue Emergency Vehicles Stat-Line Industries (McCoy Miller)	Ford XLT F-350	\$ 105,500.00
Wheeled Coach Industries, Inc.	Ford XLT F-350	\$ 95,700.00
	Ford XLT F-350	\$ 102,500.00
Braun Industries, Inc.	Ford XLT F-450	\$ 141,778.00
ETR, L.L.C. (AEV)	Ford XLT F-450	\$ 115,854.00
Excellance, Inc.	Ford XLT F-450	\$ 137,506.00
Hall-Mark Fire Apparatus, Inc. (Horton)	Ford XLT F-450	\$ 160,515.00
Pierce Manufacturing, Inc. (Medtec)	Ford XLT F-450	\$ 109,127.00
Quality Emergency Vehicles Sales & Service, Inc. (Osage)	Ford XLT F-450	\$ 114,775.00
Road Rescue Emergency Vehicles Stat-Line Industries (McCoy Miller)	Ford XLT F-450	\$ 132,500.00
Wheeled Coach Industries, Inc.	Ford XLT F-350	\$ 113,000.00
	Ford XLT F-450	\$ 114,368.00
ETR, L.L.C. (AEV)	Ford XLT F-550	\$ 119,593.00
Hall-Mark Fire Apparatus, Inc. (Horton)	Ford XLT F-550	\$ 162,429.00
Pierce Manufacturing, Inc. (Medtec)	Ford XLT F-550	\$ 111,665.00
Road Rescue Emergency Vehicles Wheeled Coach Industries, Inc.	Ford XLT F-550	\$ 135,500.00
	Ford XLT F-550	\$ 116,259.00
ETR, L.L.C. (AEV)	Chevy Silverado 3500 HD	\$ 98,842.00
Excellance, Inc.	Chevy Silverado 3500 HD	\$ 123,936.00
Pierce Manufacturing, Inc. (Medtec)	Chevy Silverado 3500 HD	\$ 104,072.00
Road Rescue Emergency Vehicles Stat-Line Industries (McCoy Miller)	Chevy Silverado 3500 HD	\$ 125,500.00
Wheeled Coach Industries, Inc.	Chevy Silverado 3500 HD	\$ 98,892.00
	Chevy Silverado 3500 HD	\$ 101,600.00
Braun Industries, Inc.	Dodge Ram 3500	\$ 123,631.00
Road Rescue Emergency Vehicles Stat-Line Industries (McCoy Miller)	Dodge Ram 3500	\$ 102,500.00
Wheeled Coach Industries, Inc.	Dodge Ram 3500	\$ 110,504.00
	Dodge Ram 3500	\$ 103,500.00
Braun Industries, Inc.	Dodge Ram 4500	\$ 144,891.00
ETR, L.L.C. (AEV)	Dodge Ram 4500	\$ 117,485.00
Excellance, Inc.	Dodge Ram 4500	\$ 142,928.00
Hall-Mark Fire Apparatus, Inc. (Horton)	Dodge Ram 4500	\$ 162,463.00
Pierce Manufacturing, Inc. (Medtec)	Dodge Ram 4500	\$ 112,991.00
Quality Emergency Vehicles Sales & Service, Inc. (Osage)	Dodge Ram 4500	\$ 122,775.00
Road Rescue Emergency Vehicles Stat-Line Industries (McCoy Miller)	Dodge Ram 4500	\$ 132,500.00
Wheeled Coach Industries, Inc.	Dodge Ram 4500	\$ 117,530.00
	Dodge Ram 4500	\$ 115,000.00

<b>Name of Manufacturer</b>	<b>Type Vehicle</b>	<b>Base Unit Price</b>
<b><u>SPECIFICATION #01 – TYPE I AMBULANCE (4 x 2)</u></b>		
<i>(cont'd)</i>		
ETR, L.L.C. (AEV)	Dodge Ram 5500	\$ 121,083.00
Hall-Mark Fire Apparatus, Inc. (Horton)	Dodge Ram 5500	\$ 165,885.00
Pierce Manufacturing, Inc. (Medtec)	Dodge Ram 5500	\$ 115,190.00
Road Rescue Emergency Vehicles	Dodge Ram 5500	\$ 133,900.00
Wheeled Coach Industries, Inc.	Dodge Ram 5500	\$ 116,450.00

**SPECIFICATION #02 – TYPE I AMBULANCE, MEDIUM DUTY (4 x 2)**

Braun Industries, Inc.	Ford F-650	\$ 174,382.00
ETR, L.L.C. (AEV)	Ford F-650	\$ 146,448.00
Hall-Mark Fire Apparatus, Inc. (Horton)	Ford F-650	\$ 194,524.00
Pierce Manufacturing, Inc. (Medtec)	Ford F-650	\$ 156,641.00
Road Rescue Emergency Vehicles	Ford F-650	\$ 158,500.00
Wheeled Coach Industries, Inc.	Ford F-650	\$ 134,500.00
Braun Industries, Inc.	Freightliner M2	\$ 182,274.00
ETR, L.L.C. (AEV)	Freightliner M2	\$ 147,730.00
Excellance, Inc.	Freightliner M2	\$ 163,440.00
Hall-Mark Fire Apparatus, Inc. (Horton)	Freightliner M2	\$ 202,153.00
Pierce Manufacturing, Inc. (Medtec)	Freightliner M2	\$ 156,989.00
Road Rescue Emergency Vehicles	Freightliner M2	\$ 166,500.00
Wheeled Coach Industries, Inc.	Freightliner M2	\$ 139,500.00
Braun Industries, Inc.	International TerraStar SFA	\$ 160,026.00
ETR, L.L.C. (AEV)	International TerraStar SFA	\$ 132,549.00
Excellance, Inc.	International TerraStar SFA	\$ 147,066.00
Hall-Mark Fire Apparatus, Inc. (Horton)	International TerraStar SFA	\$ 183,094.00
Pierce Manufacturing, Inc. (Medtec)	International TerraStar SFA	\$ 145,997.00
Quality Emergency Vehicles Sales & Service, Inc. (Osage)	International TerraStar SFA	\$ 139,355.00
Road Rescue Emergency Vehicles	International TerraStar SFA	\$ 148,500.00
Wheeled Coach Industries, Inc.	International TerraStar SFA	\$ 128,500.00
Braun Industries, Inc.	International Durastar 4300M7	\$ 188,352.00
ETR, L.L.C. (AEV)	International Durastar 4300M7	\$ 149,885.00
Excellance, Inc.	International Durastar 4300M7	\$ 166,163.00
Hall-Mark Fire Apparatus, Inc. (Horton)	International Durastar 4300M7	\$ 199,992.00
Pierce Manufacturing, Inc. (Medtec)	International Durastar 4300M7	\$ 163,278.00
Quality Emergency Vehicles Sales & Service, Inc. (Osage)	International Durastar 4300M7	\$ 157,350.00
Road Rescue Emergency Vehicles	International Durastar 4300M7	\$ 163,500.00
Wheeled Coach Industries, Inc.	International Durastar 4300M7	\$ 148,500.00

<b>Name of Manufacturer</b>	<b>Type Vehicle</b>	<b>Base Unit Price</b>
<b><u>SPECIFICATION #02 – TYPE I AMBULANCE, MEDIUM DUTY (4 x 2)</u></b>		
<i>(cont'd)</i>		
Braun Industries, Inc.	International Durastar 4300LP	\$ 189,086.00
ETR, L.L.C. (AEV)	International Durastar 4300LP	\$ 158,751.00
Excellance, Inc.	International Durastar 4300LP	\$ 170,091.00
Hall-Mark Fire Apparatus, Inc. (Horton)	International Durastar 4300LP	\$ 201,260.00
Pierce Manufacturing, Inc. (Medtec)	International Durastar 4300LP	\$ 167,828.00
Quality Emergency Vehicles Sales & Service, Inc. (Osage)	International Durastar 4300LP	\$ 160,945.00
Road Rescue Emergency Vehicles	International Durastar 4300LP	\$ 171,500.00
Wheeled Coach Industries, Inc.	International Durastar 4300LP	\$ 152,500.00
Braun Industries, Inc.	International Durastar 4400LP	\$ 195,902.00
ETR, L.L.C. (AEV)	International Durastar 4400LP	\$ 159,934.00
Hall-Mark Fire Apparatus, Inc. (Horton)	International Durastar 4400LP	\$ 202,732.00
Pierce Manufacturing, Inc. (Medtec)	International Durastar 4400LP	\$ 173,284.00
Quality Emergency Vehicles Sales & Service, Inc. (Osage)	International Durastar 4400LP	\$ 166,990.00
Road Rescue Emergency Vehicles	International Durastar 4400LP	\$ 172,500.00
Wheeled Coach Industries, Inc.	International Durastar 4400LP	\$ 158,350.00
Braun Industries, Inc.	Spartan Metro Star RT	\$ 269,628.00
ETR, L.L.C. (AEV)	Spartan Metro Star RT	\$ 236,464.00
Hall-Mark Fire Apparatus, Inc. (Horton)	Spartan Metro Star RT	\$ 290,375.00
Road Rescue Emergency Vehicles	Spartan Metro Star RT	\$ 245,500.00
Wheeled Coach Industries, Inc.	Spartan Metro Star RT	\$ 233,320.00

**SPECIFICATION #03 – TYPE II AMBULANCE, VAN (4 x 2)**

ETR, L.L.C. (AEV)	Ford E-350	\$ 55,741.00
Pierce Manufacturing, Inc. (Medtec)	Ford E-350	\$ 53,435.00
Quality Emergency Vehicles Sales & Service, Inc. (Osage)	Ford E-350	\$ 64,230.00
Road Rescue Emergency Vehicles	Ford E-350	\$ 59,500.00
Stat-Line Industries (McCoy Miller)	Ford E-350	\$ 59,990.00
Wheeled Coach Industries, Inc.	Ford E-350	\$ 56,532.00
ETR, L.L.C. (AEV)	Sprinter	\$ 72,571.00
Road Rescue Emergency Vehicles	Sprinter	\$ 78,500.00
Stat-Line Industries (McCoy Miller)	Sprinter	\$ 82,500.00
Wheeled Coach Industries, Inc.	Sprinter	\$ 76,000.00

**SPECIFICATION #04 – TYPE III AMBULANCE (4 x 2)**

Braun Industries, Inc.	Ford XL E-350	\$ 97,306.00
ETR, L.L.C. (AEV)	Ford XL E-350	\$ 85,198.00
Excellance, Inc.	Ford XL E-350	\$ 108,758.00



<b>Name of Manufacturer</b>	<b>Type Vehicle</b>	<b>Base Unit Price</b>
<b><u>SPECIFICATION #04 – TYPE III AMBULANCE (4 x 2)</u></b>		
<i>(cont'd)</i>		
Hall-Mark Fire Apparatus, Inc. (Horton)	Ford XL E-350	\$ 122,409.00
Pierce Manufacturing, Inc. (Medtec)	Ford XL E-350	\$ 86,104.00
Quality Emergency Vehicles Sales & Service, Inc. (Osage)	Ford XL E-350	\$ 91,275.00
Road Rescue Emergency Vehicles	Ford XL E-350	\$ 98,500.00
Stat-Line Industries (McCoy Miller)	Ford XL E-350	\$ 91,217.00
Wheeled Coach Industries, Inc.	Ford XL E-350	\$ 99,200.00
Braun Industries, Inc.	Ford XL E-450	\$ 119,856.00
ETR, L.L.C. (AEV)	Ford XL E-450	\$ 98,882.00
Excellance, Inc.	Ford XL E-450	\$ 113,006.00
Hall-Mark Fire Apparatus, Inc. (Horton)	Ford XL E-450	\$ 146,784.00
Pierce Manufacturing, Inc. (Medtec)	Ford XL E-450	\$ 95,850.00
Quality Emergency Vehicles Sales & Service, Inc. (Osage)	Ford XL E-450	\$ 112,675.00
Road Rescue Emergency Vehicles	Ford XL E-450	\$ 112,500.00
Stat-Line Industries (McCoy Miller)	Ford XL E-450	\$ 103,556.00
Wheeled Coach Industries, Inc.	Ford XL E-450	\$ 105,000.00
Braun Industries, Inc.	Chevy G3500	\$ 113,572.00
ETR, L.L.C. (AEV)	Chevy G3500	\$ 98,672.00
Excellance, Inc.	Chevy G3500	\$ 121,382.00
Hall-Mark Fire Apparatus, Inc. (Horton)	Chevy G3500	\$ 130,520.00
Pierce Manufacturing, Inc. (Medtec)	Chevy G3500	\$ 98,716.00
Quality Emergency Vehicles Sales & Service, Inc. (Osage)	Chevy G3500	\$ 99,215.00
Road Rescue Emergency Vehicles	Chevy G3500	\$ 104,500.00
Stat-Line Industries (McCoy Miller)	Chevy G3500	\$ 102,415.00
Wheeled Coach Industries, Inc.	Chevy G3500	\$ 106,000.00
Braun Industries, Inc.	Chevy G4500	\$ 140,531.00
ETR, L.L.C. (AEV)	Chevy G4500	\$ 112,365.00
Excellance, Inc.	Chevy G4500	\$ 124,339.00
Hall-Mark Fire Apparatus, Inc. (Horton)	Chevy G4500	\$ 156,194.00
Pierce Manufacturing, Inc. (Medtec)	Chevy G4500	\$ 108,156.00
Quality Emergency Vehicles Sales & Service, Inc. (Osage)	Chevy G4500	\$ 120,775.00
Road Rescue Emergency Vehicles	Chevy G4500	\$ 121,500.00
Stat-Line Industries (McCoy Miller)	Chevy G4500	\$ 109,634.00
Wheeled Coach Industries, Inc.	Chevy G4500	\$ 111,400.00
ETR, L.L.C. (AEV)	GMC G3500	\$ 98,672.00
Excellance, Inc.	GMC G3500	\$ 121,382.00
Hall-Mark Fire Apparatus, Inc. (Horton)	GMC G3500	\$ 130,520.00

<b>Name of Manufacturer</b>	<b>Type Vehicle</b>	<b>Base Unit Price</b>
<b><u>SPECIFICATION #04 – TYPE III AMBULANCE (4 x 2)</u></b>		
<i>(cont'd)</i>		
Pierce Manufacturing, Inc. (Medtec) Quality Emergency Vehicles Sales & Service, Inc. (Osage) Road Rescue Emergency Vehicles	GMC G3500 GMC G3500 GMC G3500	\$ 98,716.00 \$ 99,215.00 \$ 104,500.00
ETR, L.L.C. (AEV) Excellance, Inc. Hall-Mark Fire Apparatus, Inc. (Horton) Pierce Manufacturing, Inc. (Medtec) Quality Emergency Vehicles Sales & Service, Inc. (Osage) Road Rescue Emergency Vehicles	GMC G4500 GMC G4500 GMC G4500 GMC G4500 GMC G4500 GMC G4500 GMC G4500	\$ 112,365.00 \$ 124,339.00 \$ 156,194.00 \$ 108,156.00 \$ 120,775.00 \$ 121,500.00
ETR, L.L.C. (AEV) Quality Emergency Vehicles Sales & Service, Inc. (Osage)	Sprinter Sprinter	\$ 97,607.00 \$ 112,925.00

**SPECIFICATION #05 – 75’ MID MOUNTED AERIAL APPARATUS – FORMED STAINLESS STEEL BODY**

**Aluminum Ladder:**

Sutphen Corporation	Sutphen SL75	\$ 650,727.00
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**SPECIFICATION #06 – 75’ REAR MOUNTED AERIAL APPARATUS – EXTRUDED ALUMINUM BODY**

**Aluminum Ladder:**

Hall-Mark Fire Apparatus, Inc. (E-ONE)	E-ONE HP 75	\$ 519,797.00
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**Steel Ladder:**

Crimson Fire, LLC (Public Safety Solutions Group)	Crimson 75RMA	\$ 565,033.00
Ferrara Fire Apparatus, Inc.	Igniter XD	\$ 551,566.00
Ferrara Fire Apparatus, Inc.	Intruder	\$ 499,648.00
Rosenbauer South Dakota, LLC	Spartan Metro Star 75’	\$ 510,188.00

**SPECIFICATION #06 – 75’ REAR MOUNTED AERIAL APPARATUS – FORMED ALUMINUM BODY**

**Aluminum Ladder:**

Pierce Manufacturing, Inc.	Pierce Impel 75’ HDL	\$ 555,691.00
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**Steel Ladder:**

American LaFrance, LLC	American LaFrance 75RML	\$ 581,901.00
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<b>Name of Manufacturer</b>	<b>Type Vehicle</b>	<b>Base Unit Price</b>
<b><u>SPECIFICATION #06 – 75’ REAR MOUNTED AERIAL APPARATUS – FORMED ALUMINUM BODY</u></b>		
<i>(cont’d)</i>		
<b>Steel Ladder:</b>		
Crimson Fire, LLC (Public Safety Solutions Group)	Crimson 75RMA	\$ 546,291.00
Kovatch Mobile Equip. Corp. (KME Fire Apparatus)	KME Predator AerialCat FL0675	\$ 587,390.00
Pierce Manufacturing, Inc.	Pierce Impel 75’ HDL	\$ 555,141.00
Rosenbauer South Dakota, LLC	Spartan Metro Star 75’	\$ 499,929.00

**SPECIFICATION #06 – 75’ REAR MOUNTED AERIAL APPARATUS – FORMED STAINLESS STEEL BODY**

<b>Steel Ladder:</b>		
American LaFrance, LLC	American LaFrance 75RML	\$ 584,987.00
Crimson Fire, LLC (Public Safety Solutions Group)	Crimson 75RMA	\$ 572,135.00

**SPECIFICATION #07 – 100’ MID MOUNTED AERIAL APPARATUS – EXTRUDED ALUMINUM BODY**

<b>Steel Ladder:</b>		
Ferrara Fire Apparatus, Inc.	Igniter XD	\$ 755,677.00
Ferrara Fire Apparatus, Inc.	Spectr	\$ 733,191.00

**SPECIFICATION #07 – 100’ MID MOUNTED AERIAL APPARATUS – FORMED ALUMINUM BODY**

<b>Steel Ladder:</b>		
Kovatch Mobile Equip. Corp. (KME Fire Apparatus)	KME Predator AerialCat FL07100	\$ 800,204.00
Pierce Manufacturing, Inc.	Pierce Arrow XT HDL	\$ 753,201.00

**SPECIFICATION #07 – 100’ MID MOUNTED AERIAL APPARATUS – FORMED STAINLESS STEEL BODY**

<b>Aluminum Ladder:</b>		
Sutphen Corporation	Sutphen SL100	\$ 744,560.00

**SPECIFICATION #08 – 100’ REAR MOUNTED AERIAL APPARATUS – EXTRUDED ALUMINUM BODY**

<b>Aluminum Ladder:</b>		
Hall-Mark Fire Apparatus, Inc. (E-ONE)	E-ONE HP 100L	\$ 693,366.00

<b>Name of Manufacturer</b>	<b>Type Vehicle</b>	<b>Base Unit Price</b>
<b><u>SPECIFICATION #08 – 100’ REAR MOUNTED AERIAL APPARATUS – EXTRUDED ALUMINUM BODY</u></b>		
<i>(cont’d)</i>		
<b>Steel Ladder:</b>		
Crimson Fire, LLC (Public Safety Solutions Group)	Crimson 100RMA	\$ 674,072.00
Ferrara Fire Apparatus, Inc.	Igniter XD	\$ 662,036.00
Ferrara Fire Apparatus, Inc.	Spectr	\$ 631,376.00
Rosenbauer South Dakota, LLC	Spartan Gladiator 100’	\$ 652,394.00

**SPECIFICATION #08 – 100’ REAR MOUNTED AERIAL APPARATUS – FORMED ALUMINUM BODY**

<b>Aluminum Ladder:</b>		
Pierce Manufacturing, Inc.	Pierce Arrow XT HDL	\$ 665,648.00
<b>Steel Ladder:</b>		
American LaFrance, LLC	American LaFrance 100RMA	\$ 750,442.00
Kovatch Mobile Equip. Corp. (KME Fire Apparatus)	KME Predator AerialCat FL08103	\$ 667,180.00
Pierce Manufacturing, Inc.	Pierce Arrow XT HDL	\$ 653,206.00
Rosenbauer South Dakota, LLC	Spartan Gladiator 100’	\$ 620,852.00

**SPECIFICATION #08 – 100’ REAR MOUNTED AERIAL APPARATUS – FORMED STAINLESS STEEL BODY**

<b>Aluminum Ladder:</b>		
Pierce Manufacturing, Inc.	Pierce Arrow XT HAL-SS	\$ 673,564.00
<b>Steel Ladder:</b>		
American LaFrance, LLC	American LaFrance 100RMA	\$ 753,942.00
Crimson Fire, LLC (Public Safety Solutions Group)	Crimson 100RMA	\$ 677,950.00

**SPECIFICATION #09 – MID MOUNTED AERIAL PLATFORM – EXTRUDED ALUMINUM BODY**

<b>Aluminum Ladder:</b>		
Hall-Mark Fire Apparatus, Inc. (E-ONE)	E-ONE HP 95 MM	\$ 849,613.00
<b>Steel Ladder:</b>		
Crimson Fire, LLC (Public Safety Solutions Group)	Crimson MM 100’	\$ 854,583.00
Ferrara Fire Apparatus, Inc.	Igniter XD	\$ 868,463.00
Ferrara Fire Apparatus, Inc.	Spectr	\$ 844,351.00
Rosenbauer South Dakota, LLC	Spartan Gladiator	\$ 798,554.00

<b>Name of Manufacturer</b>	<b>Type Vehicle</b>	<b>Base Unit Price</b>
<b><u>SPECIFICATION #09 – MID MOUNTED AERIAL PLATFORM – FORMED ALUMINUM BODY</u></b>		
<b>Steel Ladder:</b>		
American LaFrance, LLC	American LaFrance 100MMP	\$ 886,602.00
Kovatch Mobile Equip. Corp. (KME Fire Apparatus)	KME Predator AerialCat FL09100	\$ 830,497.00
Pierce Manufacturing, Inc.	Pierce Arrow XT Mid Mount	\$ 894,531.00
Rosenbauer South Dakota, LLC	Spartan Gladiator	\$ 780,512.00

**SPECIFICATION #09 – MID MOUNTED AERIAL PLATFORM – FORMED STAINLESS STEEL BODY**

<b>Aluminum Ladder:</b>		
Sutphen Corporation	SPH100	\$ 969,128.00
Sutphen Corporation	SP110	\$1,014,357.00
<b>Steel Ladder:</b>		
American LaFrance, LLC	American LaFrance 100MMP	\$ 891,503.00
Crimson Fire, LLC (Public Safety Solutions Group)	Crimson MM 100'	\$ 858,330.00

**SPECIFICATION #10 – REAR MOUNTED AERIAL PLATFORM – EXTRUDED ALUMINUM BODY**

<b>Aluminum Ladder:</b>		
Hall-Mark Fire Apparatus, Inc. (E-ONE)	E-ONE HP 100P	\$ 820,298.00
<b>Steel Ladder:</b>		
Crimson Fire, LLC (Public Safety Solutions Group)	Crimson Star RM 100'	\$ 756,389.00
Ferrara Fire Apparatus, Inc.	Igniter XD	\$ 763,430.00
Ferrara Fire Apparatus, Inc.	Spectr	\$ 729,318.00
Rosenbauer South Dakota, LLC	Spartan Gladiator	\$ 734,810.00

**SPECIFICATION #10 – REAR MOUNTED AERIAL PLATFORM – FORMED ALUMINUM BODY**

<b>Aluminum Ladder:</b>		
Pierce Manufacturing, Inc.	Pierce Arrow XT Rear Mount PAP	\$ 850,581.00
<b>Steel Ladder:</b>		
American LaFrance, LLC	American LaFrance 100RMP	\$ 788,974.00
Kovatch Mobile Equip. Corp. (KME Fire Apparatus)	KME Predator AerialCat FL010102	\$ 791,297.00
Pierce Manufacturing, Inc.	Pierce Arrow XT Rear Mount PAP	\$ 799,259.00
Rosenbauer South Dakota, LLC	Spartan Gladiator	\$ 710,125.00

<b>Name of Manufacturer</b>	<b>Type Vehicle</b>	<b>Base Unit Price</b>
<b><u>SPECIFICATION #10 – REAR MOUNTED AERIAL PLATFORM – FORMED STAINLESS STEEL BODY</u></b>		
<b>Steel Ladder:</b>		
American LaFrance, LLC	American LaFrance 100RMP	\$ 792,399.00
Crimson Fire, LLC (Public Safety Solutions Group)	Crimson Star RM 100'	\$ 760,631.00

**SPECIFICATION #11 – MEDIUM DUTY RESCUE APPARATUS – EXTRUDED ALUMINUM BODY (4X2)**

**Freightliner M2-106:**

Crimson Fire, LLC (Public Safety Solutions Group)	Crimson Star MR	\$ 158,867.00
Ferrara Fire Apparatus, Inc.	FFA 108 MDR Rescue	\$ 163,914.00
Hall-Mark Fire Apparatus, Inc. (E-ONE)	E-ONE REHN	\$ 155,999.00
Rosenbauer South Dakota, LLC	FSA Rescue 11	\$ 178,200.00
Wheeled Coach Industries, Inc.	Rescue Force FLS11FTLNR	\$ 157,500.00

**International Durastar:**

Crimson Fire, LLC (Public Safety Solutions Group)	Crimson Star MR	\$ 162,549.00
Ferrara Fire Apparatus, Inc.	FFA 108 MDR Rescue	\$ 162,379.00
Hall-Mark Fire Apparatus, Inc. (E-ONE)	E-ONE REHN	\$ 160,899.00
Rosenbauer South Dakota, LLC	FSA Rescue 11	\$ 179,018.00
Wheeled Coach Industries, Inc.	Rescue Force FLS11INTL	\$ 167,500.00

**SPECIFICATION #11 – MEDIUM DUTY RESCUE APPARATUS – FORMED ALUMINUM BODY (4X2)**

**Freightliner M2-106:**

American LaFrance, LLC	American LaFrance 16' W/AR	\$ 170,316.00
Kovatch Mobile Equip. Corp. (KME Fire Apparatus)	KME FL11MDR	\$ 169,404.00
Pierce Manufacturing, Inc.	Pierce MDR	\$ 165,411.00
Rosenbauer South Dakota, LLC	FSA Rescue 11	\$ 154,442.00
Toyne, Inc. (Southeastern Apparatus Sales, LLC)	Toyne Medium Rescue	\$ 198,600.00

**International Durastar:**

American LaFrance, LLC	American LaFrance 16' W/AR	\$ 176,390.00
Kovatch Mobile Equip. Corp. (KME Fire Apparatus)	KME FL11MDR	\$ 165,607.00
Pierce Manufacturing, Inc.	Pierce MDR	\$ 174,065.00
Rosenbauer South Dakota, LLC	FSA Rescue 11	\$ 155,259.00
Sutphen Corporation	Sutphen CR Series Rescue	\$ 258,980.00
Toyne, Inc. (Southeastern Apparatus Sales, LLC)	Toyne Medium Rescue	\$ 204,300.00



<b>Name of Manufacturer</b>	<b>Type Vehicle</b>	<b>Base Unit Price</b>
<b><u>SPECIFICATION #12 – HEAVY RESCUE APPARATUS</u></b>		
<b>Extruded Aluminum Body:</b>		
Crimson Fire, LLC (Public Safety Solutions Group)	Crimson Star HR	\$ 237,303.00
Ferrara Fire Apparatus, Inc.	Igniter XD XMFD	\$ 271,243.00
Ferrara Fire Apparatus, Inc.	Intruder MFDXL	\$ 235,984.00
Hall-Mark Fire Apparatus, Inc. (E-ONE)	E-ONE REHN Typhoon	\$ 244,925.00
Rosenbauer South Dakota, LLC	Spartan Force	\$ 247,658.00

<b>Formed Aluminum Body:</b>		
American LaFrance, LLC	American LaFrance 18' W/ACR	\$ 273,887.00
Kovatch Mobile Equip. Corp. (KME Fire Apparatus)	KME Predator FL12HDR	\$ 267,534.00
Pierce Manufacturing, Inc.	Pierce Saber HDR	\$ 272,561.00
Rosenbauer South Dakota, LLC	Spartan Force	\$ 229,727.00
Sutphen Corporation	Sutphen R Series	\$ 355,247.00
Toyne, Inc. (Southeastern Apparatus Sales, LLC)	Spartan Heavy Rescue	\$ 274,000.00

**SPECIFICATION #13 – 2500 GALLON MOBILE WATER SUPPLY FIRE APPARATUS – EXTRUDED ALUMINUM BODY (2 Door)**

<b>Freightliner M2-106:</b>		
Crimson Fire, LLC (Public Safety Solutions Group)	Crimson Star Tanker	\$ 212,368.00
Ferrara Fire Apparatus, Inc.	FFA T2500 Tanker	\$ 249,330.00
Hall-Mark Fire Apparatus, Inc. (E-ONE)	E-ONE TTSA	\$ 207,330.00
<b>International Workstar:</b>		
Crimson Fire, LLC (Public Safety Solutions Group)	Crimson Star Tanker	\$ 211,764.00
Ferrara Fire Apparatus, Inc.	FFA T2500 Tanker	\$ 247,484.00
Hall-Mark Fire Apparatus, Inc. (E-ONE)	E-ONE TTSA	\$ 210,127.00

**SPECIFICATION #13 – 2500 GALLON MOBILE WATER SUPPLY FIRE APPARATUS – FORMED ALUMINUM BODY (2 Door)**

<b>Freightliner M2-106:</b>		
American LaFrance, LLC	American LaFrance T/A Tanker	\$ 255,828.00
Kovatch Mobile Equip. Corp. (KME Fire Apparatus)	KME Flatback FL132500	\$ 236,125.00
Pierce Manufacturing, Inc.	Pierce Contender Series	\$ 206,391.00
Rosenbauer South Dakota, LLC	FSA Tanker 13	\$ 203,365.00
Toyne, Inc. (Southeastern Apparatus Sales, LLC)	Toyne FFCSA-2500	\$ 233,500.00

<b>Name of Manufacturer</b>	<b>Type Vehicle</b>	<b>Base Unit Price</b>
<b><u>SPECIFICATION #13 – 2500 GALLON MOBILE WATER SUPPLY FIRE APPARATUS – FORMED ALUMINUM BODY (2 Door)</u></b>		
<i>(cont'd)</i>		
<b>International Workstar:</b>		
American LaFrance, LLC	American LaFrance T/A Tanker	\$ 280,281.00
Kovatch Mobile Equip. Corp. (KME Fire Apparatus)	KME Flatback FL132500	\$ 231,803.00
Pierce Manufacturing, Inc.	Pierce Contender Series	\$ 211,598.00
Rosenbauer South Dakota, LLC	FSA Tanker 13	\$ 207,103.00
Toyne, Inc. (Southeastern Apparatus Sales, LLC)	Toyne FFCSA-2500	\$ 237,250.00

**SPECIFICATION #13 – 2500 GALLON MOBILE WATER SUPPLY FIRE APPARATUS – FORMED GALVANNEAL STEEL BODY (2 Door)**

<b>Freightliner M2-106:</b>		
Kovatch Mobile Equip. Corp. (KME Fire Apparatus)	KME Flatback FL132500	\$ 227,000.00
<b>International Workstar:</b>		
Kovatch Mobile Equip. Corp. (KME Fire Apparatus)	KME Flatback FL132500	\$ 222,681.00

**SPECIFICATION #13 – 2500 GALLON MOBILE WATER SUPPLY FIRE APPARATUS – FORMED STAINLESS STEEL BODY (2 Door)**

<b>Freightliner M2-106:</b>		
Crimson Fire, LLC (Public Safety Solutions Group)	Crimson Star Tanker	\$ 217,103.00
Kovatch Mobile Equip. Corp. (KME Fire Apparatus)	KME Flatback FL132500	\$ 243,952.00
Toyne, Inc. (Southeastern Apparatus Sales, LLC)	Toyne FFCSA-2500	\$ 240,200.00
<b>International Workstar:</b>		
Crimson Fire, LLC (Public Safety Solutions Group)	Crimson Star Tanker	\$ 214,970.00
Kovatch Mobile Equip. Corp. (KME Fire Apparatus)	KME Flatback FL132500	\$ 239,636.00
Sutphen Corporation	Sutphen CTS-2500 Tanker	\$ 283,629.00
Toyne, Inc. (Southeastern Apparatus Sales, LLC)	Toyne FFCSA-2500	\$ 246,500.00

**SPECIFICATION #14 – WILDLAND FIRE APPARATUS (4x4)**

<b>Ford F-550:</b>		
American LaFrance, LLC	Wildland Brush	\$ 85,970.00
Ferrara Fire Apparatus, Inc.	Wildland Brush	\$ 99,060.00

<b>Name of Manufacturer</b>	<b>Type Vehicle</b>	<b>Base Unit Price</b>
<b><u>SPECIFICATION #14 – WILDLAND FIRE APPARATUS (4x4)</u></b>		
<i>(cont'd)</i>		
<b>Ford F-550:</b>		
Hall-Mark Fire Apparatus, Inc. (E-ONE)	Wildland	\$ 84,586.00
Kovatch Mobile Equip. Corp. (KME Fire Apparatus)	KME Wildland FL14WFA	\$ 100,597.00
Pierce Manufacturing, Inc.	Pierce F550 Wildland	\$ 88,067.00
Toyne, Inc. (Southeastern Apparatus Sales, LLC)	Wildland Brush	\$ 93,300.00
<b>Dodge Ram 5500:</b>		
American LaFrance, LLC	Wildland Brush	\$ 89,020.00
Ferrara Fire Apparatus, Inc.	Wildland Brush	\$ 102,589.00
Hall-Mark Fire Apparatus, Inc. (E-ONE)	Wildland	\$ 85,661.00
Kovatch Mobile Equip. Corp. (KME Fire Apparatus)	KME Wildland FL14WFA	\$ 100,071.00
<b>International Durastar 4300M7:</b>		
American LaFrance, LLC	Wildland Brush	\$ 95,594.00
Kovatch Mobile Equip. Corp. (KME Fire Apparatus)	KME Wildland FL14WFA	\$ 131,480.00
Toyne, Inc. (Southeastern Apparatus Sales, LLC)	Wildland Brush	\$ 134,700.00
<b><u>SPECIFICATION #15 – COMMERCIAL PUMPER – EXTRUDED ALUMINUM BODY (2 Door)</u></b>		
<b>Freightliner M2:</b>		
Crimson Fire, LLC (Public Safety Solutions Group)	Crimson Star Pumper	\$ 198,057.00
Ferrara Fire Apparatus, Inc.	FFA RP751 Pumper	\$ 208,373.00
Hall-Mark Fire Apparatus, Inc. (E-ONE)	E-ONE TDPM	\$ 170,517.00
Rosenbauer South Dakota, LLC	FSA Pumper 13	\$ 208,768.00
<b>International Durastar:</b>		
Crimson Fire, LLC (Public Safety Solutions Group)	Crimson Star Pumper	\$ 197,690.00
Ferrara Fire Apparatus, Inc.	FFA RP751 Pumper	\$ 206,838.00
Hall-Mark Fire Apparatus, Inc. (E-ONE)	E-ONE TDPM	\$ 176,125.00
Rosenbauer South Dakota, LLC	FSA Pumper 13	\$ 210,876.00
Sutphen Corporation	Sutphen C1 Pumper	\$ 216,792.00

<b>Name of Manufacturer</b>	<b>Type Vehicle</b>	<b>Base Unit Price</b>
<b><u>SPECIFICATION #15 – COMMERCIAL PUMPER – FORMED ALUMINUM BODY (2 Door)</u></b>		
<b>Freightliner M2:</b>		
American LaFrance, LLC	American LaFrance S/M Pumper	\$ 212,670.00
Crimson Fire, LLC (Public Safety Solutions Group)	Crimson Star Pumper	\$ 188,773.00
Kovatch Mobile Equip. Corp. (KME Fire Apparatus)	KME Challenger FL15COML	\$ 199,783.00
Pierce Manufacturing, Inc.	Pierce Contender Series	\$ 179,598.00
Rosenbauer South Dakota, LLC	FSA Pumper 13	\$ 182,408.00
Toyne, Inc. (Southeastern Apparatus Sales, LLC)	Toyne FFCSA Pumper	\$ 208,000.00

<b>International Durastar:</b>		
American LaFrance, LLC	American LaFrance S/M Pumper	\$ 222,246.00
Crimson Fire, LLC (Public Safety Solutions Group)	Crimson Star Pumper	\$ 188,817.00
Kovatch Mobile Equip. Corp. (KME Fire Apparatus)	KME Challenger FL15COML	\$ 197,654.00
Pierce Manufacturing, Inc.	Pierce Contender Series	\$ 184,671.00
Rosenbauer South Dakota, LLC	FSA Pumper 13	\$ 184,516.00
Toyne, Inc. (Southeastern Apparatus Sales, LLC)	Toyne FFCSA Pumper	\$ 213,500.00

**SPECIFICATION #15 – COMMERCIAL PUMPER – FORMED GALVANNEAL STEEL BODY (2 Door)**

<b>Freightliner M2:</b>		
Kovatch Mobile Equip. Corp. (KME Fire Apparatus)	KME Challenger FL15COML	\$ 195,172.00

<b>International Durastar:</b>		
Kovatch Mobile Equip. Corp. (KME Fire Apparatus)	KME Challenger FL15COML	\$ 192,712.00

**SPECIFICATION #15 – COMMERCIAL PUMPER – FORMED STAINLESS STEEL BODY (2 Door)**

<b>Freightliner M2:</b>		
American LaFrance, LLC	American LaFrance S/M Pumper	\$ 213,763.00
Crimson Fire, LLC (Public Safety Solutions Group)	Crimson Star Pumper	\$ 200,801.00
Hall-Mark Fire Apparatus, Inc. (E-ONE)	E-ONE PSTS	\$ 199,325.00
Kovatch Mobile Equip. Corp. (KME Fire Apparatus)	KME Challenger FL15COML	\$ 204,530.00
Toyne, Inc. (Southeastern Apparatus Sales, LLC)	Toyne FFCSA Pumper	\$ 212,000.00

<b>Name of Manufacturer</b>	<b>Type Vehicle</b>	<b>Base Unit Price</b>
<b><u>SPECIFICATION #15 – COMMERCIAL PUMPER – FORMED STAINLESS STEEL BODY (2 Door)</u></b>		
<i>(cont'd)</i>		
<b>International Durastar:</b>		
American LaFrance, LLC	American LaFrance S/M Pumper	\$ 223,902.00
Crimson Fire, LLC (Public Safety Solutions Group)	Crimson Star Pumper	\$ 202,899.00
Hall-Mark Fire Apparatus, Inc. (E-ONE)	E-ONE PSTS	\$ 205,237.00
Kovatch Mobile Equip. Corp. (KME Fire Apparatus)	KME Challenger FL15COML	\$ 202,043.00
Toyne, Inc. (Southeastern Apparatus Sales, LLC)	Toyne FFCSA Pumper	\$ 217,500.00

**SPECIFICATION #16 – LEVEL I CUSTOM PUMPER – CUSTOM CHASSIS**

**Extruded Aluminum Body:**

Hall-Mark Fire Apparatus, Inc. (E-ONE)	E-ONE Typhoon Pumper	\$ 267,508.00
Sutphen Corporation	S-Series Custom	\$ 308,970.00

**Formed Aluminum Body:**

Kovatch Mobile Equip. Corp. (KME Fire Apparatus)	KME Challenger FL16LVL1	\$ 273,541.00
Pierce Manufacturing, Inc.	Pierce Saber Series	\$ 269,266.00
Sutphen Corporation	S-Series Custom	\$ 290,993.00

**Formed Galvanneal Steel Body:**

Kovatch Mobile Equip. Corp. (KME Fire Apparatus)	KME Challenger FL16LVL1	\$ 268,943.00
Pierce Manufacturing, Inc.	Pierce Velocity SLT Series	\$ 337,573.00

**Formed Stainless Steel Body:**

Hall-Mark Fire Apparatus, Inc. (E-ONE)	E-ONE Typhoon Pumper	\$ 271,734.00
Kovatch Mobile Equip. Corp. (KME Fire Apparatus)	KME Challenger FL16LVL1	\$ 278,274.00
Pierce Manufacturing, Inc.	Pierce Impel SS Series	\$ 308,890.00

**SPECIFICATION #16 – LEVEL I CUSTOM PUMPER – SPARTAN CHASSIS**

**Extruded Aluminum Body:**

Crimson Fire, LLC (Public Safety Solutions Group)	Crimson Metro Star Pumper L1	\$ 269,507.00
Rosenbauer South Dakota, LLC	Spartan Force 16	\$ 272,842.00

**Formed Aluminum Body:**

Crimson Fire, LLC (Public Safety Solutions Group)	Crimson Metro Star Pumper L1	\$ 260,656.00
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<b>Name of Manufacturer</b>	<b>Type Vehicle</b>	<b>Base Unit Price</b>
<b><u>SPECIFICATION #16 – LEVEL I CUSTOM PUMPER – SPARTAN CHASSIS</u></b>		
<i>(cont'd)</i>		
<b>Formed Aluminum Body:</b>		
Rosenbauer South Dakota, LLC	Spartan Force 16	\$ 248,128.00
Toyne, Inc. (Southeastern Apparatus Sales, LLC)	Toyne Spartan Metro Star FFCSA	\$ 286,000.00
<b>Formed Stainless Steel Body:</b>		
Crimson Fire, LLC (Public Safety Solutions Group)	Crimson Metro Star Pumper L1	\$ 272,159.00
Toyne, Inc. (Southeastern Apparatus Sales, LLC)	Toyne Spartan Metro Star FFCSA	\$ 290,250.00

**SPECIFICATION #16 – LEVEL I CUSTOM PUMPER – HME CHASSIS**

<b>Extruded Aluminum Body:</b>		
Ferrara Fire Apparatus, Inc.	Intruder	\$ 277,618.00
<b>Formed Aluminum Body:</b>		
Toyne, Inc. (Southeastern Apparatus Sales, LLC)	Toyne 1871W FFCSA	\$ 293,500.00
<b>Formed Stainless Steel Body:</b>		
Toyne, Inc. (Southeastern Apparatus Sales, LLC)	Toyne 1871W FFCSA	\$ 297,500.00

**SPECIFICATION #16 – LEVEL I CUSTOM PUMPER – AMERICAN LAFRANCE CHASSIS**

<b>Formed Aluminum Body:</b>		
American LaFrance, LLC	American LaFrance Custom S/M Pumper	\$ 300,634.00
<b>Formed Stainless Steel Body:</b>		
American LaFrance, LLC	American LaFrance Custom S/M Pumper	\$ 301,992.00

**SPECIFICATION #17 – LEVEL II CUSTOM PUMPER – CUSTOM CHASSIS**

<b>Extruded Aluminum Body:</b>		
Ferrara Fire Apparatus, Inc.	Igniter XD LFD	\$ 399,874.00
Hall-Mark Fire Apparatus, Inc. (E-ONE)	E-ONE Cyclone Pumper	\$ 373,084.00
Rosenbauer South Dakota, LLC	Commander FSA 17	\$ 364,916.00
Sutphen Corporation	Monarch Series Custom	\$ 421,112.00
<b>Formed Aluminum Body:</b>		
Kovatch Mobile Equip. Corp. (KME Fire Apparatus)	KME Flatback FL17LVL2	\$ 357,181.00



<b>Name of Manufacturer</b>	<b>Type Vehicle</b>	<b>Base Unit Price</b>
<b><u>SPECIFICATION #17 – LEVEL II CUSTOM PUMPER – CUSTOM CHASSIS</u></b>		
<i>(cont'd)</i>		
<b>Formed Aluminum Body:</b>		
Pierce Manufacturing, Inc.	Pierce Arrow XT Series	\$ 387,678.00
Rosenbauer South Dakota, LLC	Commander FSA 17	\$ 340,030.00
<b>Formed Galvanneal Steel Body:</b>		
Kovatch Mobile Equip. Corp. (KME Fire Apparatus)	KME Flatback FL17LVL2	\$ 352,582.00
Pierce Manufacturing, Inc.	Pierce Quantum Series	\$ 395,482.00
<b>Formed Stainless Steel Body:</b>		
Hall-Mark Fire Apparatus, Inc. (E-ONE)	E-ONE Cyclone Pumper	\$ 394,151.00
Kovatch Mobile Equip. Corp. (KME Fire Apparatus)	KME Flatback FL17LVL2	\$ 361,913.00
Pierce Manufacturing, Inc.	Pierce Velocity Series	\$ 399,974.00

**SPECIFICATION #17 – LEVEL II CUSTOM PUMPER – SPARTAN CHASSIS**

<b>Extruded Aluminum Body:</b>		
Crimson Fire, LLC (Public Safety Solutions Group)	Crimson Metro Star Pumper L2	\$ 366,042.00
Rosenbauer South Dakota, LLC	Spartan Gladiator 17	\$ 373,656.00
<b>Formed Aluminum Body:</b>		
Crimson Fire, LLC (Public Safety Solutions Group)	Crimson Metro Star Pumper L2	\$ 341,025.00
Rosenbauer South Dakota, LLC	Spartan Gladiator 17	\$ 346,660.00
Toyne, Inc. (Southeastern Apparatus Sales, LLC)	Toyne Spartan Gladiator	\$ 377,000.00
<b>Formed Stainless Steel Body:</b>		
Crimson Fire, LLC (Public Safety Solutions Group)	Crimson Metro Star Pumper L2	\$ 368,450.00
Toyne, Inc. (Southeastern Apparatus Sales, LLC)	Toyne Spartan Gladiator	\$ 381,000.00

**SPECIFICATION #17 – LEVEL II CUSTOM PUMPER – HME CHASSIS**

<b>Extruded Aluminum Body:</b>		
Ferrara Fire Apparatus, Inc.	Spectr LFD	\$ 386,017.00
<b>Formed Aluminum Body:</b>		
Toyne, Inc. (Southeastern Apparatus Sales, LLC)	Toyne Spectr	\$ 379,000.00
<b>Formed Stainless Steel Body:</b>		
Toyne, Inc. (Southeastern Apparatus Sales, LLC)	Toyne Spectr	\$ 383,000.00

Name of Manufacturer	Type Vehicle	Base Unit Price
<b><u>SPECIFICATION #17 – LEVEL II CUSTOM PUMPER – AMERICAN LAFRANCE CHASSIS</u></b>		
<b>Formed Aluminum Body:</b> American LaFrance, LLC	American LaFrance Custom Rescue Pumper	\$ 354,804.00
<b>Formed Stainless Steel Body:</b> American LaFrance, LLC	American LaFrance Custom Rescue Pumper	\$ 356,162.00

# AWARDED MANUFACTURERS/ DEALERS

## Contact Information

**\*UPDATED 5/9/2014**

### **American LaFrance LLC**

1090 Newton Way  
Summerville, SC 29483-7430

**Contact:** Robert "Bob" Gray

**Phone:** 717-859-1176

**Cell:** 717-940-9809

**Fax:** 843-486-7580

**Email:** bobgray@americanlafrance.com

### **Braun Industries, Inc.**

1170 Production Drive  
Van Wert, OH 45891

**Contact:** Travis Parsons

**Phone:** 419-232-7020

**Fax:** 419-232-7070

**Email:** travisp@braunambulances.com

### **Crimson Fire, Inc.**

*(d/b/a Spartan ERV)*

907 7th Ave. North  
Brandon, SD 57005

**Contact:** Jessica Garry

**Phone:** 605-582-4022

**Cell:** 605-215-8389

**Fax:** 605-582-4001

**Email:** jessica.garry@spartanerv.com

### **ETR, L.L.C.**

*(AEV - American Emergency Vehicles)*

212 Hickman Drive  
Sanford, FL 32771

**Contact:** Jerry Michaluk

**Phone:** 407-339-6737

**Cell:** 407-701-0700

**Fax:** 407-339-8198

**Email:** jerry@etrllc.org

### **Excellance, Inc.**

453 Lanier Road  
Madison, AL 35758

**Contact:** Thomas R. Pugh

**Phone:** 800-882-9799

**Cell:** 256-468-6007

**Fax:** 256-772-8792

**Email:** tommy@excellance.com

### **Ferrara Fire Apparatus, Inc.**

27855 James Chapel Road  
Holden, LA 70744

**Contact:** Dave Carlton

**Phone:** 800-443-9006

**Cell:** 225-202-3287

**Fax:** 225-567-7680

**Email:** davec@ferrarafire.com

### **Hall-Mark Fire Apparatus**

*(E-ONE & Horton)*

3431 N.W. 27th Ave.  
Ocala, FL 34475

**Contact:** Ed Martin

**Phone:** 352-629-6305

**Cell:** 352-266-4422

**Fax:** 352-629-2019

**Email:** emartin@hall-markfire.com

### **Kovatch Mobile Equipment Corp.**

*(KME Fire Apparatus)*

1 Industrial Complex  
Nesquehoning, PA 18240

**Contact:** Philip Gerace

**Phone:** 570-669-5174

**Cell:** 570-233-1452

**Fax:** 570-669-5124

**Email:** pgerace@kovatch.com

### **Pierce Manufacturing, Inc.**

*(Ten-8 Fire Equipment, Inc.)*

2904 59th Ave. Drive East  
Bradenton, FL 34208

**Contact:** Mark Jones

**Phone:** 800-228-8368

**Cell:** 941-704-6244

**Fax:** 941-756-7779

**Email:** mjones@ten8fire.com

### ~~Quality Emergency Vehicles~~

~~Sales & Service, Inc.~~

*(Ten-8 Fire Equipment, Inc.)*

2904 59th Avenue Drive East  
Bradenton, FL 34208

**Contact:** Mark Jones

**Phone:** 800-228-8368

**Cell:** 941-704-6244

**Fax:** 941-756-7779

**Email:** mjones@ten8fire.com

## **AWARDED MANUFACTURERS/DEALERS - contact information** *(continued)*

### **Road Rescue Emergency Vehicles**

2737 N. Forsyth Road  
Winter Park, FL 32792

**Contact:** Scott Barnes

**Phone:** 407-677-7777 ext. 202

**Cell:** 407-462-6226

**Fax:** 407-673-7795

**Email:** scott.barnes@roadrescue.com

### **Rosenbauer South Dakota, LLC**

5570 SW 82nd Place  
Ocala, FL 34476

**Contact:** Paul Stephenson

**Phone:** 605-543-5591

**Cell:** 352-857-5018

**Fax:** 605-543-9701

**Email:** pstephenson@rosenbaueramerica.com

### **Stat-Line Industries**

*(McCoy Miller)*

2050 Haines Street  
Jacksonville, FL 32206

**Contact:** Allan Assaf

**Phone:** 904-356-6543

**Cell:** 904-343-2822

**Fax:** 904-356-0841

**Email:** mail@stat-line.com

### **Sutphen Corporation**

10080 Intercom Drive, Unit A-1  
Fort Myers, FL 33913

**Contact:** David Stonitsch

**Phone:** 239-267-5300

**Cell:** 239-357-8530

**Fax:** 239-590-9246

**Email:** dstonitsch@hotmail.com

### **Toyne, Inc.**

*(Southeastern Apparatus Sales, LLC)*

618 Bayou Blvd.

Pensacola, FL 32503

**Contact:** John Lovell

**Phone:** 256-362-9280

**Cell:** 205-541-1980

**Fax:** 256-362-9280

**Email:** john@seapparatus.com

mr\_apparatus@yahoo.com

### **Wheeled Coach Industries, Inc.**

2737 N. Forsyth Road  
Winter Park, FL 32792

**Contact:** Art Sprague

**Phone:** 407-677-7777 x369

**Cell:** 407-718-1240

**Fax:** 800-513-8174

**Email:** art.sprague@wheeledcoach.com

## **BASIC INFORMATION REQUIRED ON A VEHICLE PURCHASE ORDER**

When filling out a purchase order for a vehicle that is to be purchased under the Florida Fire Chiefs' Association, Florida Sheriffs Association & Florida Association of Counties Bid No. 11-10-1202, there are certain items of information that must be on the purchase order, or enclosed with the purchase order, so as to minimize the possibility of errors on the order.

This information includes, but is not limited to, the following:

- Date of order
- Purchase order number
- Originator of purchase order
- Name and number (phone & fax) of contact person responsible for receiving "Confirmation of Order" and scheduling of delivery
- Delivery date required
- Contract number (11-10-1202)
- Contract specification number of vehicle(s), number of vehicles ordered and base price of vehicles
- Type vehicle ordered (i.e. Type I Ambulance, Ford XLT F-450, 4x4)
- FIN CODE for the Florida Sheriffs Association (QE065) and your agency's FIN CODE when ordering FORD products
- FAN CODE for the Florida Sheriffs Association (917872) and your agency's FAN CODE when ordering GENERAL MOTORS products
- FAN CODE for the Florida Sheriffs Association (49313) and your agency's FAN CODE when ordering CHRYSLER products

Inclusion of the above mentioned items will help prevent possible misunderstanding of the order and will assist in any audit of the purchase orders, or vehicles, that may be deemed necessary in the future.



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

## ***Base Specifications***

### **SPECIFICATION #01 – TYPE I AMBULANCE 2 WHEEL DRIVE (DUAL REAR WHEEL, CAB & CHASSIS)**

**ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED**

**FORD, GENERAL MOTORS, DODGE OR APPROVED EQUIVALENT**

1. ENGINE

- a. Turbo diesel engine, minimum 5.9L displacement.
- b. Must include the chassis manufacturer's "AMBULANCE PREP PACKAGE".
- c. Heavy-duty alternator, minimum 200 amp.
- d. Maintenance free heavy-duty batteries, 750 CCA minimum.
- e. Manufacturer's heavy-duty engine cooling.

2. TRANSMISSION

- a. Automatic transmission, 4 speed minimum with overdrive.
- b. Manufacturer's heavy-duty cooling.

3. AXLES

- a. Manufacturer's standard drive axle ratio for ambulance prep.

4. PERFORMANCE ITEMS

- a. Power steering
- b. Anti-lock brakes
- c. Power brakes, disc type front, disc or drum rear.
- d. Fuel capacity, 250 miles minimum without refueling
- e. Heavy-duty front and rear shocks.
- f. Front stabilizer bar.

5. COMFORT ITEMS

- a. Factory installed air conditioning
- b. Tinted glass (factory tint)
- c. Minimum seating for two
- d. Rubber floor mat instead of carpeting
- e. AM/FM radio
- f. Power door locks
- g. Power windows
- h. Speed control and tilt wheel.

6. SAFETY ITEMS

- a. Driver and passenger lap and shoulder belt with retractor.
- b. Driver and passenger air bags
- c. Dual electric horns
- d. Outside mirrors to provide vision for vehicles 96" wide.
- e. Two speed wipers with intermittent.
- f. Interior dome lights wired to right and left doors.

7. TIRES AND WHEELS

- a. BSW, all season tread radial 16 inch tires.
- b. Conventional spare tire and wheel
- c. Jack and wheel wrench

8. CHASSIS, FRAME, CAB

- a. Minimum GVWR 11,400 lbs.
- b. Cab and chassis only
- c. Cab to center of axle 84 inches

9. MODULAR BODY CONSTRUCTION

- a. The ambulance body and patient compartment shall be sufficient in size to meet the requirements of this specification and those of paragraph 3.10.1 of the current KKK-A-1822F.





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

**2012 FORD XLT F-350  
Specification #01  
(Type I Ambulance, 4x2)**

The Ford XLT F-350, Type I Ambulance 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.

<b>BASE PRICE:</b>	<b>\$117,190.00</b>	<b>\$98,029.00</b>
<b>MANUFACTURER:</b>	Braun Industries, Inc.	ETR, L.L.C. (AEV)
<b>BASE PRICE:</b>	<b>\$133,038.00</b>	<b>\$127,434.00</b>
<b>MANUFACTURER:</b>	Excellance, Inc.	Hall-Mark Fire Apparatus (Horton)
<b>BASE PRICE:</b>	<b>\$97,987.00</b>	<b>\$118,775.00</b>
<b>MANUFACTURER:</b>	Pierce Manufacturing, Inc. (Medtec)	Quality Emergency Vehicles (Osage)
<b>BASE PRICE:</b>	<b>\$105,500.00</b>	<b>\$95,700.00</b>
<b>MANUFACTURER:</b>	Road Rescue Emergency Vehicles	Stat-Line Industries (McCoy Miller)
<b>BASE PRICE:</b>	<b>\$102,500.00</b>	
<b>MANUFACTURER:</b>	Wheeled Coach Industries, Inc.	

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 KKK-A-1822F, or the most current revision for Type I Ambulance. 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**

**2012 FORD XLT F-450  
Specification #01  
(Type I Ambulance, 4x2)**

The Ford XLT F-450, Type I Ambulance 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.

<b>BASE PRICE:</b>	<b>\$141,778.00</b>	<b>\$115,854.00</b>
<b>MANUFACTURER:</b>	Braun Industries, Inc.	ETR, L.L.C. (AEV)
<b>BASE PRICE:</b>	<b>\$137,506.00</b>	<b>\$160,515.00</b>
<b>MANUFACTURER:</b>	Excellance, Inc.	Hall-Mark Fire Apparatus (Horton)
<b>BASE PRICE:</b>	<b>\$109,127.00</b>	<b>\$114,775.00</b>
<b>MANUFACTURER:</b>	Pierce Manufacturing, Inc. (Medtec)	Quality Emergency Vehicles (Osage)
<b>BASE PRICE:</b>	<b>\$132,500.00</b>	<b>\$113,000.00</b>
<b>MANUFACTURER:</b>	Road Rescue Emergency Vehicles	Stat-Line Industries (McCoy Miller)
<b>BASE PRICE:</b>	<b>\$114,368.00</b>	
<b>MANUFACTURER:</b>	Wheeled Coach Industries, Inc.	

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 KKK-A-1822F, or the most current revision for Type I Ambulance. 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**

**2012 FORD XLT F-550  
Specification #01  
(Type I Ambulance, 4x2)**

The Ford XLT F-550, Type I Ambulance 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.

<b>BASE PRICE:</b>	<b>\$119,593.00</b>	<b>\$162,429.00</b>
<b>MANUFACTURER:</b>	ETR, L.L.C. (AEV)	Hall-Mark Fire Apparatus (Horton)
<b>BASE PRICE:</b>	<b>\$111,665.00</b>	<b>\$135,500.00</b>
<b>MANUFACTURER:</b>	Pierce Manufacturing, Inc. (Medtec)	Road Rescue Emergency Vehicles
<b>BASE PRICE:</b>	<b>\$116,259.00</b>	
<b>MANUFACTURER:</b>	Wheeled Coach Industries, Inc.	

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 KKK-A-1822F, or the most current revision for Type I Ambulance. 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,  
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**2012 CHEVY SILVERADO 3500 HD  
Specification #01  
(Type I Ambulance, 4x2)**

The Chevy Silverado 3500 HD, Type I Ambulance 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.

<b>BASE PRICE:</b>	<b>\$98,842.00</b>	<b>\$123,936.00</b>
<b>MANUFACTURER:</b>	ETR, L.L.C. (AEV)	Excellance, Inc.
<b>BASE PRICE:</b>	<b>\$104,072.00</b>	<b>\$125,500.00</b>
<b>MANUFACTURER:</b>	Pierce Manufacturing, Inc. (Medtec)	Road Rescue Emergency Vehicles
<b>BASE PRICE:</b>	<b>\$98,892.00</b>	<b>\$101,600.00</b>
<b>MANUFACTURER:</b>	Stat-Line Industries (McCoy Miller)	Wheeled Coach Industries, Inc.

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 KKK-A-1822F, or the most current revision for Type I Ambulance. 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,  
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**2012 DODGE RAM 3500  
Specification #01  
(Type I Ambulance, 4x2)**

The Dodge Ram 3500, Type I Ambulance 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.

<b>BASE PRICE:</b>	<b>\$123,631.00</b>	<b>\$102,500.00</b>
<b>MANUFACTURER:</b>	Braun Industries, Inc.	Road Rescue Emergency Vehicles

<b>BASE PRICE:</b>	<b>\$110,504.00</b>	<b>\$103,500.00</b>
<b>MANUFACTURER:</b>	Stat-Line Industries (McCoy Miller)	Wheeled Coach Industries, Inc.

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 KKK-A-1822F, or the most current revision for Type I Ambulance. 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.



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**2012 DODGE RAM 4500  
Specification #01  
(Type I Ambulance, 4x2)**

The Dodge Ram 4500, Type I Ambulance 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.

<b>BASE PRICE:</b>	<b>\$144,891.00</b>	<b>\$117,485.00</b>
<b>MANUFACTURER:</b>	Braun Industries, Inc.	ETR, L.L.C. (AEV)
<b>BASE PRICE:</b>	<b>\$142,928.00</b>	<b>\$162,463.00</b>
<b>MANUFACTURER:</b>	Excellance, Inc.	Hall-Mark Fire Apparatus (Horton)
<b>BASE PRICE:</b>	<b>\$112,991.00</b>	<b>\$122,775.00</b>
<b>MANUFACTURER:</b>	Pierce Manufacturing, Inc. (Medtec)	Quality Emergency Vehicles (Osage)
<b>BASE PRICE:</b>	<b>\$132,500.00</b>	<b>\$117,530.00</b>
<b>MANUFACTURER:</b>	Road Rescue Emergency Vehicles	Stat-Line Industries (McCoy Miller)
<b>BASE PRICE:</b>	<b>\$115,000.00</b>	
<b>MANUFACTURER:</b>	Wheeled Coach Industries, Inc.	

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 KKK-A-1822F, or the most current revision for Type I Ambulance. 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,  
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**2012 DODGE RAM 5500  
Specification #01  
(Type I Ambulance, 4x2)**

The Dodge Ram 5500, Type I Ambulance 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.

<b>BASE PRICE:</b>	<b>\$121,083.00</b>	<b>\$165,885.00</b>
<b>MANUFACTURER:</b>	ETR, L.L.C. (AEV)	Hall-Mark Fire Apparatus (Horton)
<b>BASE PRICE:</b>	<b>\$115,190.00</b>	<b>\$133,900.00</b>
<b>MANUFACTURER:</b>	Pierce Manufacturing, Inc. (Medtec)	Road Rescue Emergency Vehicles
<b>BASE PRICE:</b>	<b>\$116,450.00</b>	
<b>MANUFACTURER:</b>	Wheeled Coach Industries, Inc.	

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 KKK-A-1822F, or the most current revision for Type I Ambulance. 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 #02 – TYPE I AMBULANCE 2 WHEEL DRIVE MEDIUM DUTY (DUAL REAR WHEEL, CAB & CHASSIS)**

**ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED**

**FORD, FREIGHTLINER, INTERNATIONAL OR APPROVED EQUIVALENT**

1. ENGINE

- a. Diesel engine, 6 cylinder minimum.
- b. Heavy-duty alternator, minimum 250 amp.
- c. Maintenance free heavy-duty batteries, 750 CCA minimum.
- d. Manufacturer's heavy-duty engine cooling.

2. TRANSMISSION

- a. Electronic Allison Transmission
- b. Manufacturer's transmission oil cooler: water to oil heavy-duty cooling.

3. AXLES

- a. Front Axle: 7,000 lbs.
- b. Rear Axle: 12,000 lbs.
- c. Front Suspension: 7,000 lbs.
- d. Rear Suspension: 12,000 lbs. air suspension with dual instant response leveling valves.

4. PERFORMANCE ITEMS

- a. Power Steering
- b. Anti-lock brakes
- c. Power brakes, disc type front, disc or drum rear.
- d. Fuel capacity, 250 miles minimum without refueling
- e. Heavy-duty front and rear shocks.

5. COMFORT ITEMS

- a. Factory installed air conditioning
- b. Tinted glass (factory tint)
- c. Dual air suspension seats with armrest
- d. Rubber floor mat instead of carpeting
- e. AM/FM radio

6. SAFETY ITEMS

- a. Driver and passenger lap and shoulder belt with retractor.
- b. Dual electric horns
- c. Outside mirrors to provide vision for vehicles 96” wide
- d. Two speed wipers with intermittent
- e. Interior dome lights wired to right and left doors.
- f. Halogen headlights with daytime running feature.

7. TIRES AND WHEELS

- a. BSW, all season tread radial 19.5 inch tires

8. CHASSIS, FRAME, CAB

- a. Minimum GVWR 16,500 lbs.
- b. Cab to center of axle 100 inches minimum

9. MODULAR BODY CONSTRUCTION

- a. The ambulance body and patient compartment shall be sufficient in size to meet the requirements of this specification and those of paragraph 3.10.1 of the current KKK-A-1822F.



**FLORIDA FIRE CHIEFS' ASSOCIATION,  
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**2012 FORD F-650  
Specification #02  
(Type I Ambulance, 4x2 Medium Duty)**

The Ford F-650, Type I Medium Duty Ambulance 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.

<b>BASE PRICE:</b>	<b>\$174,382.00</b>	<b>\$146,448.00</b>
<b>MANUFACTURER:</b>	Braun Industries, Inc.	ETR, L.L.C. (AEV)
<b>BASE PRICE:</b>	<b>\$194,524.00</b>	<b>\$156,641.00</b>
<b>MANUFACTURER:</b>	Hall-Mark Fire Apparatus (Horton)	Pierce Manufacturing, Inc. (Medtec)
<b>BASE PRICE:</b>	<b>\$158,500.00</b>	<b>\$134,500.00</b>
<b>MANUFACTURER:</b>	Road Rescue Emergency Vehicles	Wheeled Coach Industries, Inc.

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 KKK-A-1822F, or the most current revision for Type I Ambulance. 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**

### **2012 FREIGHTLINER M2 Specification #02 (Type I Ambulance, 4x2 Medium Duty)**

The Freightliner M2, Type I Medium Duty Ambulance 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.

<b>BASE PRICE:</b>	<b>\$182,274.00</b>	<b>\$147,730.00</b>
<b>MANUFACTURER:</b>	Braun Industries, Inc.	ETR, L.L.C. (AEV)
<b>BASE PRICE:</b>	<b>\$163,440.00</b>	<b>\$202,153.00</b>
<b>MANUFACTURER:</b>	Excellance, Inc.	Hall-Mark Fire Apparatus (Horton)
<b>BASE PRICE:</b>	<b>\$156,989.00</b>	<b>\$166,500.00</b>
<b>MANUFACTURER:</b>	Pierce Manufacturing, Inc. (Medtec)	Road Rescue Emergency Vehicles
<b>BASE PRICE:</b>	<b>\$139,500.00</b>	
<b>MANUFACTURER:</b>	Wheeled Coach Industries, Inc.	

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 KKK-A-1822F, or the most current revision for Type I Ambulance. 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**

### **2012 INTERNATIONAL TERRASTAR SFA Specification #02 (Type I Ambulance, 4x2 Medium Duty)**

The International Terrastar SFA, Type I Medium Duty Ambulance 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.

<b>BASE PRICE:</b>	<b>\$160,026.00</b>	<b>\$132,549.00</b>
<b>MANUFACTURER:</b>	Braun Industries, Inc.	ETR, L.L.C. (AEV)
<b>BASE PRICE:</b>	<b>\$147,066.00</b>	<b>\$183,094.00</b>
<b>MANUFACTURER:</b>	Excellance, Inc.	Hall-Mark Fire Apparatus (Horton)
<b>BASE PRICE:</b>	<b>\$145,997.00</b>	<b>\$139,355.00</b>
<b>MANUFACTURER:</b>	Pierce Manufacturing, Inc. (Medtec)	Quality Emergency Vehicles (Osage)
<b>BASE PRICE:</b>	<b>\$148,500.00</b>	<b>\$128,500.00</b>
<b>MANUFACTURER:</b>	Road Rescue Emergency Vehicles	Wheeled Coach Industries, Inc.

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 KKK-A-1822F, or the most current revision for Type I Ambulance. 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**

### **2012 INTERNATIONAL DURASTAR 4300M7 Specification #02 (Type I Ambulance, 4x2 Medium Duty)**

The International Durastar 4300M7, Type I Medium Duty Ambulance 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.

<b>BASE PRICE:</b>	<b>\$188,352.00</b>	<b>\$149,885.00</b>
<b>MANUFACTURER:</b>	Braun Industries, Inc.	ETR, L.L.C. (AEV)
<b>BASE PRICE:</b>	<b>\$166,163.00</b>	<b>\$199,992.00</b>
<b>MANUFACTURER:</b>	Excellance, Inc.	Hall-Mark Fire Apparatus (Horton)
<b>BASE PRICE:</b>	<b>\$163,278.00</b>	<b>\$157,350.00</b>
<b>MANUFACTURER:</b>	Pierce Manufacturing, Inc. (Medtec)	Quality Emergency Vehicles (Osage)
<b>BASE PRICE:</b>	<b>\$163,500.00</b>	<b>\$148,500.00</b>
<b>MANUFACTURER:</b>	Road Rescue Emergency Vehicles	Wheeled Coach Industries, Inc.

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 KKK-A-1822F, or the most current revision for Type I Ambulance. 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,  
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**2012 INTERNATIONAL DURASTAR 4300LP  
Specification #02  
(Type I Ambulance, 4x2 Medium Duty)**

The International Durastar 4300LP, Type I Medium Duty Ambulance 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.

<b>BASE PRICE:</b>	<b>\$189,086.00</b>	<b>\$158,751.00</b>
<b>MANUFACTURER:</b>	Braun Industries, Inc.	ETR, L.L.C. (AEV)
<b>BASE PRICE:</b>	<b>\$170,091.00</b>	<b>\$201,260.00</b>
<b>MANUFACTURER:</b>	Excellance, Inc.	Hall-Mark Fire Apparatus (Horton)
<b>BASE PRICE:</b>	<b>\$167,828.00</b>	<b>\$160,945.00</b>
<b>MANUFACTURER:</b>	Pierce Manufacturing, Inc. (Medtec)	Quality Emergency Vehicles (Osage)
<b>BASE PRICE:</b>	<b>\$171,500.00</b>	<b>\$152,500.00</b>
<b>MANUFACTURER:</b>	Road Rescue Emergency Vehicles	Wheeled Coach Industries, Inc.

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 KKK-A-1822F, or the most current revision for Type I Ambulance. 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,  
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**2012 INTERNATIONAL DURASTAR 4400LP  
Specification #02  
(Type I Ambulance, 4x2 Medium Duty)**

The International Durastar 4400LP, Type I Medium Duty Ambulance 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.

<b>BASE PRICE:</b>	<b>\$195,902.00</b>	<b>\$159,934.00</b>
<b>MANUFACTURER:</b>	Braun Industries, Inc.	ETR, L.L.C. (AEV)
<b>BASE PRICE:</b>	<b>\$202,732.00</b>	<b>\$173,284.00</b>
<b>MANUFACTURER:</b>	Hall-Mark Fire Apparatus (Horton)	Pierce Manufacturing, Inc. (Medtec)
<b>BASE PRICE:</b>	<b>\$166,990.00</b>	<b>\$172,500.00</b>
<b>MANUFACTURER:</b>	Quality Emergency Vehicles (Osage)	Road Rescue Emergency Vehicles
<b>BASE PRICE:</b>	<b>\$158,350.00</b>	
<b>MANUFACTURER:</b>	Wheeled Coach Industries, Inc.	

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 KKK-A-1822F, or the most current revision for Type I Ambulance. 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**

### **2012 SPARTAN METRO STAR RT Specification #02 (Type I Ambulance, 4x2 Medium Duty)**

The Spartan Metro Star RT, Type I Medium Duty Ambulance 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.

<b>BASE PRICE:</b>	<b>\$269,628.00</b>	<b>\$236,464.00</b>
<b>MANUFACTURER:</b>	Braun Industries, Inc.	ETR, L.L.C. (AEV)
<b>BASE PRICE:</b>	<b>\$290,375.00</b>	<b>\$245,500.00</b>
<b>MANUFACTURER:</b>	Hall-Mark Fire Apparatus (Horton)	Road Rescue Emergency Vehicles
<b>BASE PRICE:</b>	<b>\$233,320.00</b>	
<b>MANUFACTURER:</b>	Wheeled Coach Industries, Inc.	

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 KKK-A-1822F, or the most current revision for Type I Ambulance. 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 #03 – TYPE II AMBULANCE 2 WHEEL DRIVE – VAN**

**ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED**

**FORD, SPRINTER, OR APPROVED EQUIVALENT**

1. ENGINE

- a. Diesel or gas engine, must meet KKK requirements.
- b. Must include the chassis manufacturer's "AMBULANCE PREP PACKAGE".
- c. Heavy-duty alternator, minimum 200 amp.
- d. Maintenance free heavy-duty batteries, 750 CCA minimum.
- e. Manufacturer's heavy-duty engine cooling.

2. TRANSMISSION

- a. Automatic transmission, 4 speed with overdrive.
- b. Manufacturer's heavy-duty cooling.

3. AXLES

- a. Manufacturer's standard drive axle ratio for ambulance prep.

4. PERFORMANCE ITEMS

- a. Power steering
- b. Anti-lock brakes
- c. Power brakes, disc type front, disc or drum rear.
- d. Fuel capacity, minimum 25 gallon
- e. Heavy-duty front and rear shocks.
- f. Front stabilizer bar.

5. COMFORT ITEMS

- a. Factory installed air conditioning
- b. Tinted glass (factory tint)
- c. Dual captains chairs with armrest
- d. Rubber floor mat instead of carpeting
- e. AM/FM radio
- f. Power door locks
- g. Power windows
- h. Speed control and tilt wheel.

6. SAFETY ITEMS

- a. Driver and passenger lap and shoulder belt with retractor.
- b. Driver and passenger air bags
- c. Dual electric horns
- d. Two speed wipers with intermittent
- e. Interior dome lights wired to right and left doors.

7. TIRES AND WHEELS

- a. BSW, all season tread radial 15 inch tires
- b. Conventional spare tire and wheel
- c. Jack and wheel wrench

8. CHASSIS, FRAME, CAB

- a. Minimum GVWR 8,550 lbs.
- b. 138" wheelbase

9. CONSTRUCTION

- a. The ambulance patient compartment shall be sufficient in size to meet the requirements of this specification and those of paragraph 3.10.1 of the current KKK-A-1822F.



**FLORIDA FIRE CHIEFS' ASSOCIATION,  
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**2012 FORD E-350  
Specification #03  
(Type II Ambulance, 4x2 Van)**

The Ford E-350, Type II Ambulance Van 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.

<b>BASE PRICE:</b>	<b>\$55,741.00</b>	<b>\$53,435.00</b>
<b>MANUFACTURER:</b>	ETR, L.L.C. (AEV)	Pierce Manufacturing, Inc. (Medtec)
<b>BASE PRICE:</b>	<b>\$64,230.00</b>	<b>\$59,500.00</b>
<b>MANUFACTURER:</b>	Quality Emergency Vehicles (Osage)	Road Rescue Emergency Vehicles
<b>BASE PRICE:</b>	<b>\$59,990.00</b>	<b>\$56,532.00</b>
<b>MANUFACTURER:</b>	Stat-Line Industries (McCoy Miller)	Wheeled Coach Industries, Inc.

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 KKK-A-1822F, or the most current revision for Type II Ambulance. 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**

### **2012 SPRINTER Specification #03 (Type II Ambulance, 4x2 Van)**

The Sprinter, Type II Ambulance Van 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.

<b>BASE PRICE:</b>	<b>\$72,571.00</b>	<b>\$78,500.00</b>
<b>MANUFACTURER:</b>	ETR, L.L.C. (AEV)	Road Rescue Emergency Vehicles
<b>BASE PRICE:</b>	<b>\$82,500.00</b>	<b>\$76,000.00</b>
<b>MANUFACTURER:</b>	Stat-Line Industries (McCoy Miller)	Wheeled Coach Industries, Inc.

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 KKK-A-1822F, or the most current revision for Type II Ambulance. 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 #04 – TYPE III AMBULANCE 2 WHEEL DRIVE (DUAL REAR WHEEL, CAB & CHASSIS)**

**ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED**

**FORD, GENERAL MOTORS, SPRINTER OR APPROVED EQUIVALENT**

1. ENGINE

- a. Diesel or gas engine, must meet KKK requirements.
- b. Must include the chassis manufacturer's "AMBULANCE PREP PACKAGE".
- c. Heavy-duty alternator, minimum 200 amp.
- d. Maintenance free heavy-duty batteries, 750 CCA minimum.
- e. Manufacturer's heavy-duty engine cooling.

2. TRANSMISSION

- a. Automatic transmission, 4 speed with overdrive.
- b. Manufacturer's heavy-duty cooling.

3. AXLES

- a. Manufacturer's standard drive axle ratio for ambulance prep.

4. PERFORMANCE ITEMS

- a. Power steering
- b. Anti-lock brakes
- c. Power brakes, disc type front, disc or drum rear.
- d. Fuel capacity, 250 miles minimum without refueling
- e. Heavy-duty front and rear shocks.
- f. Front stabilizer bar.



5. COMFORT ITEMS

- a. Factory installed air conditioning
- b. Tinted glass (factory tint)
- c. Minimum seating for two
- d. Rubber floor mat instead of carpeting
- e. AM/FM radio
- f. Power door locks
- g. Power windows
- h. Speed control and tilt wheel.

6. SAFETY ITEMS

- a. Driver and passenger lap and shoulder belt with retractor.
- b. Driver and passenger air bags.
- c. Dual electric horns
- d. Outside mirrors to provide vision for vehicles 96" wide.
- e. Two speed wipers with intermittent.
- f. Interior dome lights wired to right and left doors.

7. TIRES AND WHEELS

- a. BSW, all season tread radial 16" tires.
- b. Conventional spare tire and wheel
- c. Jack and wheel wrench

8. CHASSIS, FRAME, CAB

- a. Minimum GVWR 10,500 lbs.
- b. Cab/chassis cutaway
- c. Wheel base 138" minimum

9. MODULAR BODY CONSTRUCTION

- a. The ambulance body and patient compartment shall be sufficient in size to meet the requirements of this specification and those of paragraph 3.10.1 of the current KKK-A-1822F.



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

**2012 FORD XL E-350  
Specification #04  
(Type III Ambulance, 4x2)**

The Ford XL E-350, Type III Ambulance 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.

<b>BASE PRICE:</b>	<b>\$97,306.00</b>	<b>\$85,198.00</b>
<b>MANUFACTURER:</b>	Braun Industries, Inc.	ETR, L.L.C. (AEV)
<b>BASE PRICE:</b>	<b>\$108,758.00</b>	<b>\$122,409.00</b>
<b>MANUFACTURER:</b>	Excellance, Inc.	Hall-Mark Fire Apparatus (Horton)
<b>BASE PRICE:</b>	<b>\$86,104.00</b>	<b>\$91,275.00</b>
<b>MANUFACTURER:</b>	Pierce Manufacturing, Inc. (Medtec)	Quality Emergency Vehicles (Osage)
<b>BASE PRICE:</b>	<b>\$98,500.00</b>	<b>\$91,217.00</b>
<b>MANUFACTURER:</b>	Road Rescue Emergency Vehicles	Stat-Line Industries (McCoy Miller)
<b>BASE PRICE:</b>	<b>\$99,200.00</b>	
<b>MANUFACTURER:</b>	Wheeled Coach Industries, Inc.	

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 KKK-A-1822F, or the most current revision for Type III Ambulance. 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**

### **2012 FORD XL E-450 Specification #04 (Type III Ambulance, 4x2)**

The Ford XL E-450, Type III Ambulance 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.

<b>BASE PRICE:</b>	<b>\$119,856.00</b>	<b>\$98,882.00</b>
<b>MANUFACTURER:</b>	Braun Industries, Inc.	ETR, L.L.C. (AEV)
<b>BASE PRICE:</b>	<b>\$113,006.00</b>	<b>\$146,784.00</b>
<b>MANUFACTURER:</b>	Excellance, Inc.	Hall-Mark Fire Apparatus (Horton)
<b>BASE PRICE:</b>	<b>\$95,850.00</b>	<b>\$112,675.00</b>
<b>MANUFACTURER:</b>	Pierce Manufacturing, Inc. (Medtec)	Quality Emergency Vehicles (Osage)
<b>BASE PRICE:</b>	<b>\$112,500.00</b>	<b>\$103,556.00</b>
<b>MANUFACTURER:</b>	Road Rescue Emergency Vehicles	Stat-Line Industries (McCoy Miller)
<b>BASE PRICE:</b>	<b>\$105,000.00</b>	
<b>MANUFACTURER:</b>	Wheeled Coach Industries, Inc.	

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 KKK-A-1822F, or the most current revision for Type III Ambulance. 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**

**2012 CHEVY G3500  
Specification #04  
(Type III Ambulance, 4x2)**

The Chevy G3500, Type III Ambulance 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.

<b>BASE PRICE:</b>	<b>\$113,572.00</b>	<b>\$98,672.00</b>
<b>MANUFACTURER:</b>	Braun Industries, Inc.	ETR, L.L.C. (AEV)
<b>BASE PRICE:</b>	<b>\$121,382.00</b>	<b>\$130,520.00</b>
<b>MANUFACTURER:</b>	Excellance, Inc.	Hall-Mark Fire Apparatus (Horton)
<b>BASE PRICE:</b>	<b>\$98,716.00</b>	<b>\$99,215.00</b>
<b>MANUFACTURER:</b>	Pierce Manufacturing, Inc. (Medtec)	Quality Emergency Vehicles (Osage)
<b>BASE PRICE:</b>	<b>\$104,500.00</b>	<b>\$102,415.00</b>
<b>MANUFACTURER:</b>	Road Rescue Emergency Vehicles	Stat-Line Industries (McCoy Miller)
<b>BASE PRICE:</b>	<b>\$106,000.00</b>	
<b>MANUFACTURER:</b>	Wheeled Coach Industries, Inc.	

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 KKK-A-1822F, or the most current revision for Type III Ambulance. 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**

**2012 CHEVY G4500  
Specification #04  
(Type III Ambulance, 4x2)**

The Chevy G4500, Type III Ambulance 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.

<b>BASE PRICE:</b>	<b>\$140,531.00</b>	<b>\$112,365.00</b>
<b>MANUFACTURER:</b>	Braun Industries, Inc.	ETR, L.L.C. (AEV)
<b>BASE PRICE:</b>	<b>\$124,339.00</b>	<b>\$156,194.00</b>
<b>MANUFACTURER:</b>	Excellance, Inc.	Hall-Mark Fire Apparatus (Horton)
<b>BASE PRICE:</b>	<b>\$108,156.00</b>	<b>\$120,775.00</b>
<b>MANUFACTURER:</b>	Pierce Manufacturing, Inc. (Medtec)	Quality Emergency Vehicles (Osage)
<b>BASE PRICE:</b>	<b>\$121,500.00</b>	<b>\$109,634.00</b>
<b>MANUFACTURER:</b>	Road Rescue Emergency Vehicles	Stat-Line Industries (McCoy Miller)
<b>BASE PRICE:</b>	<b>\$111,400.00</b>	
<b>MANUFACTURER:</b>	Wheeled Coach Industries, Inc.	

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 KKK-A-1822F, or the most current revision for Type III Ambulance. 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**

**2012 GMC G3500  
Specification #04  
(Type III Ambulance, 4x2)**

The GMC G3500, Type III Ambulance 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.

<b>BASE PRICE:</b>	<b>\$98,672.00</b>	<b>\$121,382.00</b>
<b>MANUFACTURER:</b>	ETR, L.L.C. (AEV)	Excellance, Inc.
<b>BASE PRICE:</b>	<b>\$130,520.00</b>	<b>\$98,716.00</b>
<b>MANUFACTURER:</b>	Hall-Mark Fire Apparatus (Horton)	Pierce Manufacturing, Inc. (Medtec)
<b>BASE PRICE:</b>	<b>\$99,215.00</b>	<b>\$104,500.00</b>
<b>MANUFACTURER:</b>	Quality Emergency Vehicles (Osage)	Road Rescue Emergency Vehicles

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 KKK-A-1822F, or the most current revision for Type III Ambulance. 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**

**2012 GMC G4500  
Specification #04  
(Type III Ambulance, 4x2)**

The GMC G4500, Type III Ambulance 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.

<b>BASE PRICE:</b>	<b>\$112,365.00</b>	<b>\$124,339.00</b>
<b>MANUFACTURER:</b>	ETR, L.L.C. (AEV)	Excellance, Inc.
<b>BASE PRICE:</b>	<b>\$156,194.00</b>	<b>\$108,156.00</b>
<b>MANUFACTURER:</b>	Hall-Mark Fire Apparatus (Horton)	Pierce Manufacturing, Inc. (Medtec)
<b>BASE PRICE:</b>	<b>\$120,775.00</b>	<b>\$121,500.00</b>
<b>MANUFACTURER:</b>	Quality Emergency Vehicles (Osage)	Road Rescue Emergency Vehicles

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 KKK-A-1822F, or the most current revision for Type III Ambulance. 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**

### **2012 SPRINTER Specification #04 (Type III Ambulance, 4x2)**

The Sprinter, Type III Ambulance 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.

<b>BASE PRICE:</b>	<b>\$97,607.00</b>	<b>\$112,925.00</b>
<b>MANUFACTURER:</b>	ETR, L.L.C. (AEV)	Quality Emergency Vehicles (Osage)

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 KKK-A-1822F, or the most current revision for Type III Ambulance. 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 #05 – 75' MID MOUNTED AERIAL APPARATUS**

**ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED**

**THE CAB AND CHASSIS SHALL BE PROVIDED BY THE BODY MANUFACTURER**

#### **1. DOCUMENTATION, DELIVERY, TRAINING**

- a. When requested by end user, bidders to accurately state wheelbase, cab to axle, overall length, bumper swing turn radius, curb-to-curb turning radius, overall height, overall width, GVWR, angle of approach, angle of departure and SCAAN certification for drivetrain compatibility in submitted specifications
- b. Approval drawings provided prior to construction commencement
- c. Two (2) sets of operator and service manuals
- d. Delivery to be F.O.B. customer's location
- e. Three (3) days of training by employee of manufacturer
- f. Pump test certification by independent third party
- g. Water tank capacity certification by independent third party
- h. Aerial non-destructive, waterway flow test, performance and stability testing by independent third party
- i. 12 volt and, if applicable, 110 volt testing by independent third party
- j. Vehicle weight, as measured by certified scales

#### **2. CHASSIS**

- a. 110,000 psi heat treated steel frame rail with full length inner 110,000 psi C-channel liner
- b. 10 gauge polished stainless steel 16" to 24" extended front bumper with aluminum diamond plate gravel shield
- c. Tow hooks or eyes front and rear attached to the frame
- d. 22,500 pound minimum front axle, suspension, tubeless radial tires, steel disc wheels
- e. 31,000 pound minimum rear axle, suspension, tubeless radial tires, steel disc wheels
- 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. Manufacturer's standard 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

**3. POWERTRAIN**

- a. Minimum 400 horsepower turbocharged diesel engine
- b. Engine exhaust at front of right rear wheels
- c. Secondary braking to meet NFPA
- 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. Automatic transmission
- h. 50 gallon minimum fuel tank
- i. OEM oil, fuel, transmission filters

**4. CAB**

- a. Medium length tilt aluminum cab meeting NFPA 1901 Chapter 14.3.2
- b. Seating for four, three 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 with manual back-up
- 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
- j. Forward facing turn and warning lights
- k. 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. Alternator sized according to amp draw report
- r. Minimum four (4) 750 CCA batteries
- s. Load manager with automatic high idle function
- t. Dual air horns with dual in-cab controls

**5. AERIAL APPARATUS – ALUMINUM OR STEEL**

- a. Aerial shall meet or exceed all sections of NFPA 1901 Chapter 19

- b. Ladder material: aluminum or steel
- c. Mid-mounted configuration
- d. 4-section aerial with minimum elevation of 75' per NFPA requirements
- e. Rated horizontal reach per NFPA requirements
- f. Rungs shall meet all aspects of NFPA 1901 19.2.5
- g. Rungs equipped with a slip resistant surface meeting NFPA 1901 19.2.5
- h. Rungs spacing meeting NFPA 1901 19.2.5
- i. Turntable with pedestal mounted controls meeting NFPA 1901 19.4
- j. Aerial rated load capacity not flowing water: 500 lbs. minimum in addition to equipment mounted at tip of ladder
- k. Aerial rated load capacity while flowing 1000 gpm: 500 lbs. minimum in addition to equipment mounted at tip of ladder
- l. Rated load capacities shall meet and /or exceed NFPA 1901 19.3
- m. The aerial shall be rated in multiple configurations per Chapter 19.3.4
- n. Extend/retract, rotate and hydraulic or electric over hydraulic controls meeting NFPA 1901 19.5 through 19.5.3.6.
- o. Hydraulic pressure gauge at turntable controls
- p. Illuminated Angle of Elevation Indicator meeting NFPA 1901 19.4.1
- q. Flowmeter on pump panel meeting NFPA 1901 19.6.8
- r. All aerial control devices shall meet NFPA 1901 19.17
- s. Fall protection provisions shall be provided.
- t. Bidders to state type of stabilizers and overall stabilizers spread
- u. Aerial shall meet structural safety factors in accordance with NFPA 1901 19.20
- v. Aerial shall meet NFPA 1901 stability safety factors Chapter 19.21
- w. Lighted turntable area
- x. The aerial manufacturer (the company that manufactures the entire aerial device) shall maintain a Quality Control Program in accordance with NFPA 1901 Chapter 19.22
- y. Special attention shall be paid to meeting all safety requirements per NFPA 1901 19.20
- z. Aerial shall be fully tested and certified by third party certified testing company per NFPA 1901 19.24 and 19.25
- aa. 2-way intercom system between ladder tip and turntable control pedestal.
- bb. Minimum 1000 gpm waterway system meeting NFPA 1901 with remote control nozzle (controls at fly section and at turntable control pedestal) with movable manual pinned waterway or remote control movable waterway.
- cc. Maximum travel height 10 ft.
- dd. Minimum 4" waterway discharge with 4" valve with handwheel or electric control on pump panel
- ee. Minimum 4" waterway inlet (non-gated) on rear or on side of body per NFPA 1901 Chapter 19.6.6
- ff. Waterway relief valve and minimum 1.5" drain
- gg. Stabilizer controls and stabilizer to aerial controls mounted on left side of apparatus body at pump panel
- hh. One (1) high intensity spotlights on ladder tip
- ii. Two high intensity flood lights on ladder base
- jj. Painted finish on steel aerial-bidder shall provide copy of paint warranty on aerial
- kk. Instruction plates and signs must be installed per NFPA 1901 Chapter 19.23

**6. FIRE PUMP & PLUMBING**

- a. Minimum 1250 GPM pump as rated per NFPA 1901 Chapter 16
- b. Air operated pump shift

- c. Discharge pressure relief valve
- d. Intake pressure relief valve
- e. Master drain valve
- f. Electric dry type primer
- g. Pump panel lights, 3 each side
- h. Pump compartment light
- i. OK to pump lights in cab and at pump panel
- j. Engine cooler
- k. Pump cooler
- l. Two (2) 6" steamers, one on side panel
- m. 2.5" left side gated suction
- n. 1.5" tank fill
- o. Two (2) 2" crosslay hose beds over the pump compartment
- p. Two (2) 2-1/2" left side discharges
- q. Two (2) 2-1/2" right side discharges
- r. Stainless steel schedule 10 piping with 10 year warranty
- s. Panel gauge package: water tank level, tach, oil pressure, water temperature, voltmeter, light and alarm system
- t. Minimum 300 gallon polypropylene booster tank with lifetime warranty
- u. 3" tank to pump connection
- v. Minimum 10" x 8" fill tower with minimum 4" overflow tube
- w. 15 ft. of soft suction hose sized for capacity of fire pump

**7. APPARATUS BODY**

- a. Bidders to bid on each of their offered construction types:
  - Extruded aluminum
  - Formed aluminum
  - Formed galvanized steel
  - Formed stainless steel
- b. Bidders to state thicknesses, alloys and construction methods of all materials used in body construction
- c. High left side compartments
- d. High right side compartments
- e. Bidders to accurately state the total cubic footage of compartment space, along with each compartment size
- f. Lights in compartments to meet NFPA 1901 Chapter 13.10.5
- g. Hose bed lighting must be provided per NFPA Chapter 1901 13.10.2
- h. Back up alarm
- i. Ladder storage for minimum 85' NFPA ground ladders, ladders to be included
- j. Rear pike pole storage for minimum of six (6) pike poles fully enclosed at rear of apparatus
- k. Slide out pump operator platform
- l. Hose bed with hose restraints to be NFPA quint compliant
- m. Steps and handrails for climbing from ground to turntable – bidders to state exact design
- n. Lights at each step
- o. Stop/turn/back up lights
- p. DOT clearance and marker lights
- q. License plate light
- r. Rear deck lights
- s. Rub rail along each side of body
- t. Running boards at each pump panel

- u. Brushed stainless steel or black non-glare aluminum pump panels

8. EMERGENCY WARNING

- a. NFPA Zone A lower and upper level lighting
- b. NFPA Zone B / D lower level lighting
- c. NFPA Zone C upper and lower level lighting
- d. Electronic 200 watt siren/PA with minimum 100 watt speaker recessed in bumper

9. PAINT FINISH/REFLECTIVE STRIPING

- a. Cab and body to be painted single tone with 10 year pro-rated paint and corrosion perforation warranty
- b. Wheels painted to match the cab and body
- c. Reflective striping in accordance with Chapter 15.9.3
- d. Reflective chevron on rear of apparatus in accordance with Chapter 15.9.3.2.

10. 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. 20 year aerial structural
- f. Lifetime frame warranty
- g. 2 year front axle
- h. 2 year rear axle
- i. 5 year engine
- j. 5 year fire pump
- k. Lifetime booster tank
- l. Manufacturer's standard 5 year warranty for transmission



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

### **2012 75' MID MOUNTED AERIAL APPARATUS Specification #05 (Formed Stainless Steel Body – Aluminum Ladder)**

The 75' Mid Mounted Aerial Apparatus, 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.

**MODEL:** Sutphen SL75  
**BASE PRICE:** \$650,727.00  
**MANUFACTURER:** Sutphen Corporation

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) and all chapters that are appropriate for a quint apparatus with a special emphasis on Chapters 1, 2, 3, 4, 9, 12, 13, 14, 15, 16, 18, 19, 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 #06 – 75' REAR MOUNTED AERIAL APPARATUS**

**ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED**

**THE CAB AND CHASSIS SHALL BE PROVIDED BY THE BODY MANUFACTURER**

#### **1. DOCUMENTATION, DELIVERY, TRAINING**

- a. When requested by end user, bidders to accurately state wheelbase, cab to axle, overall length, bumper swing turn radius, curb-to-curb turning radius, overall height, overall width, GVWR, angle of approach, angle of departure and SCAAN certification for drivetrain compatibility in submitted specifications
- b. Approval drawings provided prior to construction commencement
- c. Two (2) sets of operator and service manuals
- d. Delivery to be F.O.B. customer's location
- e. Three (3) days of training by employee of manufacturer
- f. Pump test certification by independent third party
- g. Water tank capacity certification by independent third party
- h. Aerial non-destructive, waterway flow test, performance and stability testing by independent third party
- i. 12 volt and, if applicable, 110 volt testing by independent third party
- j. Vehicle weight, as measured by certified scales

#### **2. CHASSIS**

- a. 110,000 psi heat treated steel frame rail with full length inner 110,000 psi C-channel liner
- b. 10 gauge polished stainless steel 16" to 24" extended front bumper with aluminum diamond plate gravel shield
- c. Tow hooks or eyes front and rear attached to the frame
- d. 20,000 pound minimum front axle, suspension, tubeless radial tires, steel disc wheels
- e. 31,000 pound minimum rear axle, suspension, tubeless radial tires, steel disc wheels
- 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. Manufacturer's standard 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

**3. POWERTRAIN**

- a. Minimum 400 horsepower turbocharged diesel engine
- b. Engine exhaust at front of right rear wheels
- c. Secondary braking to meet NFPA
- 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. Automatic transmission
- h. 50 gallon minimum fuel tank
- i. OEM oil, fuel, transmission filters

**4. CAB**

- a. Medium length tilt aluminum cab meeting NFPA 1901 Chapter 14.3.2
- b. Seating for four, three 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 with manual back-up
- 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
- j. Forward facing turn and warning lights
- k. 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. Alternator sized according to amp draw report
- r. Minimum four (4) 750 CCA batteries
- s. Load manager with automatic high idle function
- t. Dual air horns with dual in-cab controls

**5. AERIAL APPARATUS – ALUMINUM OR STEEL**

- a. Aerial shall meet or exceed all sections of NFPA 1901 Chapter 19

- b. Ladder material: aluminum or steel
  - c. Rear-mounted configuration
  - d. 3-section aerial with minimum elevation of 75' per NFPA requirements
  - e. Rated horizontal reach per NFPA requirements
  - f. Rungs shall meet all aspects of NFPA 1901 19.2.5
  - g. Rungs equipped with a slip resistant surface meeting NFPA 1901 19.2.5
  - h. Rungs spacing meeting NFPA 1901 19.2.5
  - i. Turntable with pedestal mounted controls meeting NFPA 1901 19.4
  - j. Aerial rated load capacity not flowing water: 500 lbs. minimum in addition to equipment mounted at tip of ladder
  - k. Aerial rated load capacity while flowing 1000 gpm: 500 lbs. minimum in addition to equipment mounted at tip of ladder
  - l. Rated load capacities shall meet and /or exceed NFPA 1901 19.3
  - m. The aerial shall be rated in multiple configurations per Chapter 19.3.4
  - n. Extend/retract, rotate and hydraulic or electric over hydraulic controls meeting NFPA 1901 19.5 through 19.5.3.6.
  - o. Hydraulic pressure gauge at turntable controls
  - p. Illuminated Angle of Elevation Indicator meeting NFPA 1901 19.4.1
  - q. Flowmeter on turntable control pedestal meeting NFPA 1901 19.6.8
  - r. All aerial control devices shall meet NFPA 1901 19.17
  - s. Fall protection provisions shall be provided.
  - t. Bidders to state type of stabilizers and overall stabilizers spread
  - u. Aerial shall meet structural safety factors in accordance with NFPA 1901 19.20
  - v. Aerial shall meet NFPA 1901 stability safety factors Chapter 19.21
  - w. Lighted turntable area
  - x. The aerial manufacturer (the company that manufactures the entire aerial device) shall maintain a Quality Control Program in accordance with NFPA 1901 Chapter 19.22
  - y. Special attention shall be paid to meeting all safety requirements per NFPA 1901 19.20
  - z. Aerial shall be fully tested and certified by third party certified testing company per NFPA 1901 19.24 and 19.25
  - aa. 2-way intercom system between ladder tip and turntable control pedestal.
  - bb. Minimum 1000 gpm waterway system meeting NFPA 1901 with remote control nozzle (controls at fly section and at turntable control pedestal) with movable manual pinned waterway or remote control movable waterway.
  - cc. Minimum 4" rear waterway inlet with pressure gauge and long handled chrome cap
  - dd. Minimum 4" waterway discharge with 4" valve with handwheel or electric control on pump panel
  - ee. Waterway relief valve and minimum 1.5" drain at rear of apparatus
  - ff. Stabilizer controls and stabilizer to aerial controls mounted on rear of apparatus body
  - gg. One (1) high intensity spotlights on ladder tip
  - hh. Two high intensity flood lights on ladder base
  - ii. Painted finish on steel aerial-bidder shall provide copy of paint warranty on aerial
  - jj. Instruction plates and signs must be installed per NFPA 1901 Chapter 19.23
6. FIRE PUMP & PLUMBING
- a. Minimum 1250 GPM pump as rated per NFPA 1901 Chapter 16
  - b. Air operated pump shift
  - c. Discharge pressure relief valve
  - d. Intake pressure relief valve
  - e. Master drain valve

- f. Electric dry type primer
- g. Pump panel lights, 3 each side
- h. Pump compartment light
- i. OK to pump lights in cab and at pump panel
- j. Engine cooler
- k. Pump cooler
- l. Two (2) 6" steamers, one on side panel
- m. 2.5" left side gated suction
- n. 1.5" tank fill
- o. Two (2) 2" crosslay hose beds over the pump compartment
- p. Two (2) 2-1/2" left side discharges
- q. Two (2) 2-1/2" right side discharges
- r. Stainless steel schedule 10 piping with 10 year warranty
- s. Panel gauge package: water tank level, tach, oil pressure, water temperature, voltmeter, light and alarm system
- t. Minimum 300 gallon polypropylene booster tank with lifetime warranty
- u. 3" tank to pump connection
- v. Minimum 10" x 8" fill tower with minimum 4" overflow tube
- w. 15 ft. of soft suction hose sized for capacity of fire pump

**7. APPARATUS BODY**

- a. Bidders to bid on each of their offered construction types:
  - Extruded aluminum
  - Formed aluminum
  - Formed galvanized steel
  - Formed stainless steel
- b. Bidders to state thicknesses, alloys and construction methods of all materials used in body construction
- c. High left side compartments
- d. High right side compartments
- e. Bidders to accurately state the total cubic footage of compartment space, along with each compartment size
- f. Lights in compartments to meet NFPA 1901 Chapter 13.10.5
- g. Hose bed lighting must be provided per NFPA Chapter 1901 13.10.2
- h. Back up alarm
- i. Rear ladder storage for minimum 85' NFPA ground ladders fully enclosed at rear of apparatus, ladders to be included
- j. Rear pike pole storage for minimum of six (6) pike poles fully enclosed at rear of apparatus
- k. Slide out pump operator platform
- l. Hose bed with hose restraints to be NFPA quint compliant
- m. Steps and handrails for climbing from ground to turntable – bidders to state exact design
- n. Lights at each step
- o. Stop/turn/back up lights
- p. DOT clearance and marker lights
- q. License plate light
- r. Rear deck lights
- s. Rub rail along each side of body
- t. Running boards at each pump panel
- u. Brushed stainless steel or black non-glare aluminum pump panels

8. EMERGENCY WARNING

- a. NFPA Zone A lower and upper level lighting
- b. NFPA Zone B / D lower level lighting
- c. NFPA Zone C upper and lower level lighting
- d. Electronic 200 watt siren/PA with minimum 100 watt speaker recessed in bumper

9. PAINT FINISH/REFLECTIVE STRIPING

- a. Cab and body to be painted single tone with 10 year pro-rated paint and corrosion perforation warranty
- b. Wheels painted to match the cab and body
- c. Reflective striping in accordance with Chapter 15.9.3
- d. Reflective chevron on rear of apparatus in accordance with Chapter 15.9.3.2.

10. 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. 20 year aerial structural
- f. Lifetime frame warranty
- g. 2 year front axle
- h. 2 year rear axle
- i. 5 year engine
- j. 5 year fire pump
- k. Lifetime booster tank
- l. Manufacturer's standard 5 year warranty for transmission



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

### **2012 75' REAR MOUNTED AERIAL APPARATUS Specification #06 (Extruded Aluminum Body – Aluminum Ladder)**

The 75' Rear Mounted Aerial Apparatus, 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.

**MODEL:** E-ONE HP 75  
**BASE PRICE:** \$519,797.00  
**MANUFACTURER:** Hall-Mark Fire Apparatus (E-ONE)

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) and all chapters that are appropriate for a quint apparatus with a special emphasis on Chapters 1, 2, 3, 4, 9, 12, 13, 14, 15, 16, 18, 19, 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**

### **2012 75' REAR MOUNTED AERIAL APPARATUS Specification #06 (Extruded Aluminum Body – Steel Ladder)**

The 75' Rear Mounted Aerial Apparatus, 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.

<b>MODEL:</b>	<b>Crimson 75RMA</b>	<b>Igniter XD</b>
<b>BASE PRICE:</b>	<b>\$565,033.00</b>	<b>\$551,566.00</b>
<b>MANUFACTURER:</b>	Crimson Fire (Public Safety...)	Ferrara Fire Apparatus, Inc.
<b>MODEL:</b>	<b>Intruder</b>	<b>Spartan Metro Star 75'</b>
<b>BASE PRICE:</b>	<b>\$499,648.00</b>	<b>\$510,188.00</b>
<b>MANUFACTURER:</b>	Ferrara Fire Apparatus, Inc.	Rosenbauer South Dakota, LLC

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) and all chapters that are appropriate for a quint apparatus with a special emphasis on Chapters 1, 2, 3, 4, 9, 12, 13, 14, 15, 16, 18, 19, 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**

### **2012 75' REAR MOUNTED AERIAL APPARATUS Specification #06 (Formed Aluminum Body – Aluminum Ladder)**

The 75' Rear Mounted Aerial Apparatus, 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.

**MODEL:** Pierce Impel 75' HDL  
**BASE PRICE:** \$555,691.00  
**MANUFACTURER:** Pierce Manufacturing, 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) and all chapters that are appropriate for a quint apparatus with a special emphasis on Chapters 1, 2, 3, 4, 9, 12, 13, 14, 15, 16, 18, 19, 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**

**2012 75' REAR MOUNTED AERIAL APPARATUS  
Specification #06  
(Formed Aluminum Body – Steel Ladder)**

The 75' Rear Mounted Aerial Apparatus, 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.

<b>MODEL:</b>	<b>American LaFrance 75RML</b>	<b>Crimson 75RMA</b>
<b>BASE PRICE:</b>	<b>\$581,901.00</b>	<b>\$546,291.00</b>
<b>MANUFACTURER:</b>	American LaFrance, LLC	Crimson Fire (Public Safety...)
<b>MODEL:</b>	<b>KME Predator AerialCat FLO675</b>	<b>Pierce Impel 75' HDL</b>
<b>BASE PRICE:</b>	<b>\$587,390.00</b>	<b>\$555,141.00</b>
<b>MANUFACTURER:</b>	Kovatch Mobile Equip. Corp. (KME)	Pierce Manufacturing, Inc.
<b>MODEL:</b>	<b>Spartan Metro Star 75'</b>	
<b>BASE PRICE:</b>	<b>\$499,929.00</b>	
<b>MANUFACTURER:</b>	Rosenbauer South Dakota, LLC	

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) and all chapters that are appropriate for a quint apparatus with a special emphasis on Chapters 1, 2, 3, 4, 9, 12, 13, 14, 15, 16, 18, 19, 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**

### **2012 75' REAR MOUNTED AERIAL APPARATUS Specification #06 (Formed Stainless Steel Body – Steel Ladder)**

The 75' Rear Mounted Aerial Apparatus, 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.

<b>MODEL:</b>	<b>American LaFrance 75RML</b>	<b>Crimson 75RMA</b>
<b>BASE PRICE:</b>	<b>\$584,987.00</b>	<b>\$572,135.00</b>
<b>MANUFACTURER:</b>	American LaFrance, LLC	Crimson Fire (Public Safety...)

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) and all chapters that are appropriate for a quint apparatus with a special emphasis on Chapters 1, 2, 3, 4, 9, 12, 13, 14, 15, 16, 18, 19, 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 #07 – 100' MID MOUNTED AERIAL APPARATUS**

**ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED**

**THE CAB AND CHASSIS SHALL BE PROVIDED BY THE BODY MANUFACTURER**

#### **1. DOCUMENTATION, DELIVERY, TRAINING**

- a. When requested by end user, bidders to accurately state wheelbase, cab to axle, overall length, bumper swing turn radius, curb-to-curb turning radius, overall height, overall width, GVWR, angle of approach, angle of departure and SCAAN certification for drivetrain compatibility in submitted specifications
- b. Approval drawings provided prior to construction commencement
- c. Two (2) sets of operator and service manuals
- d. Delivery to be F.O.B. customer's location
- e. Three (3) days of training by employee of manufacturer
- f. Pump test certification by independent third party
- g. Water tank capacity certification
- h. Aerial non-destructive, performance and stability testing by independent third party
- i. 12 volt and, if applicable, 110 volt testing by independent third party
- j. Vehicle weight, as measured by certified scales

#### **2. CHASSIS**

- a. 110,000 psi heat treated steel frame rail with full length inner 110,000 psi C-channel liner or integral torque box frame
- b. 10 gauge polished stainless steel 16" to 24" extended front bumper with aluminum diamond plate gravel shield
- c. Tow hooks or eyes front and rear attached to the frame
- d. 22,500 pound minimum front axle, suspension, tubeless radial tires, steel disc wheels
- e. 40,000 pound minimum rear axle, suspension, tubeless radial tires, steel disc wheels
- 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. Manufacturer's standard 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
3. POWERTRAIN
- a. Minimum 450 horsepower turbocharged diesel engine with 1450 ft. lb. torque rating
  - b. Engine exhaust at front of right rear wheels
  - c. Secondary braking to meet NFPA
  - 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 automatic transmission
  - h. 50 gallon minimum fuel tank
  - i. OEM oil, fuel, transmission filters
4. CAB
- a. Medium length tilt aluminum cab meeting NFPA 1901 Chapter 14.3.2
  - b. Seating for four, three 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 with manual back-up
  - 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
  - j. Forward facing turn and warning lights
  - k. 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. Alternator sized according to amp draw report
  - r. Minimum four (4) 750 CCA batteries
  - s. Load manager with automatic high idle function
  - t. Dual air horns with dual in-cab controls
5. AERIAL APPARATUS – ALUMINUM OR STEEL
- a. Aerial shall meet or exceed all sections of NFPA 1901 Chapter 19
  - b. Ladder material: aluminum or steel
  - c. Mid-mounted configuration

- d. 5-section aerial with minimum elevation of 100' per NFPA requirements
  - e. Rated horizontal reach per NFPA requirements
  - f. Rungs shall meet all aspects of NFPA 1901 19.2.5
  - g. Rungs equipped with a slip resistant surface meeting NFPA 1901 19.2.5
  - h. Rungs spacing meeting NFPA 1901 19.2.5
  - i. Turntable with pedestal mounted controls meeting NFPA 1901 19.4
  - j. Aerial rated load capacity not flowing water: 500 lbs. minimum in addition to equipment mounted at tip of ladder
  - k. Aerial rated load capacity while flowing 1000 gpm: 500 lbs. minimum in addition to equipment mounted at tip of ladder
  - l. Rated load capacities shall meet and /or exceed NFPA 1901 19.3
  - m. The aerial shall be rated in multiple configurations per Chapter 19.3.4
  - n. Extend/retract, rotate and hydraulic or electric over hydraulic controls meeting NFPA 1901 19.5 through 19.5.3.6.
  - o. Hydraulic pressure gauge at turntable controls
  - p. Illuminated Angle of Elevation Indicator meeting NFPA 1901 19.4.1
  - q. Flowmeter on turntable control pedestal meeting NFPA 1901 19.6.8
  - r. All aerial control devices shall meet NFPA 1901 19.17
  - s. Fall protection provisions shall be provided.
  - t. Bidders to state type of stabilizers and overall stabilizers spread
  - u. Aerial shall meet structural safety factors in accordance with NFPA 1901 19.20
  - v. Aerial shall meet NFPA 1901 stability safety factors Chapter 19.21
  - w. Lighted turntable area
  - x. The aerial manufacturer (the company that manufactures the entire aerial device) shall maintain a Quality Control Program in accordance with NFPA 1901 Chapter 19.22
  - y. Special attention shall be paid to meeting all safety requirements per NFPA 1901 19.20
  - z. Aerial shall be fully tested and certified by third party certified testing company per NFPA 1901 19.24 and 19.25
  - aa. 2-way intercom system between ladder tip and turntable control pedestal.
  - bb. Minimum 1000 gpm waterway system meeting NFPA 1901 with remote control nozzle (controls at fly section and at turntable control pedestal) with movable manual pinned waterway or remote control movable waterway.
  - cc. Minimum 4" waterway discharge with 4" valve with handwheel or electric control on pump panel
  - dd. Minimum 4" waterway inlet (non-gated) on rear or on side of body per NFPA 1901 Chapter 19.6.6
  - ee. Waterway relief valve and minimum 1.5" drain
  - ff. Stabilizer controls and stabilizer to aerial controls mounted on rear of apparatus body
  - gg. One (1) high intensity spotlights on ladder tip
  - hh. Two high intensity flood lights on ladder base
  - ii. Painted finish on steel aerial-bidder shall provide copy of paint warranty on aerial
  - jj. Instruction plates and signs must be installed per NFPA 1901 Chapter 19.23
6. FIRE PUMP & PLUMBING
- a. Minimum 1500 GPM pump as rated per NFPA 1901 Chapter 16
  - b. Air operated pump shift
  - c. Discharge pressure relief valve
  - d. Intake pressure relief valve
  - e. Master drain valve
  - f. Electric dry type primer
  - g. Pump panel lights, 3 each side



- h. Pump compartment light
- i. OK to pump lights in cab and at pump pane
- j. Engine cooler
- k. Pump cooler
- l. Two (2) 6" steamers, one on side panel
- m. 2.5" left side gated suction
- n. 1.5" tank fill
- o. Two (2) 2" crosslay hose beds over the pump compartment
- p. Two (2) 2-1/2" left side discharges
- q. Two (2) 2-1/2" right side discharges
- r. Stainless steel schedule 40 piping with 10 year warranty
- s. Panel gauge package: water tank level, tach, oil pressure, water temperature, voltmeter, light and alarm system
- t. Minimum 300 gallon polypropylene booster tank with lifetime warranty
- u. 3" tank to pump connection
- v. Minimum 10" x 8" fill tower with minimum 4" overflow tube
- w. 15 ft. of soft suction hose sized for capacity of fire pump

**7. APPARATUS BODY**

- a. Bidders to bid on each of their offered construction types:
  - Extruded aluminum
  - Formed aluminum
  - Formed galvanneal steel
  - Formed stainless steel
- b. Bidders to state thicknesses, alloys and construction methods of all materials used in body construction
- c. High left side compartments
- d. High right side compartments
- e. Bidders to accurately state the total cubic footage of compartment space, along with each compartment size
- f. Lights in compartments to meet NFPA 1901 Chapter 13.10.5
- g. Hose bed lighting must be provided per NFPA Chapter 1901 13.10.2
- h. Back up alarm
- i. Rear ladder storage for minimum 15' NFPA ground ladders fully enclosed at rear of apparatus, ladders to be included
- j. Rear pike pole storage for minimum of six (6) pike poles fully enclosed at rear of apparatus
- k. Slide out pump operator platform
- l. Hose bed with hose restraints to be NFPA quint compliant
- m. Steps and handrails for climbing from ground to turntable – bidders to state exact design
- n. Lights at each step
- o. Stop/turn/back up lights
- p. DOT clearance and marker lights
- q. License plate light
- r. Rear deck lights
- s. Rub rail along each side of body
- t. Running boards at each pump panel
- u. Brushed stainless steel or black non-glare aluminum pump panels



8. EMERGENCY WARNING

- a. NFPA Zone A lower and upper level lighting
- b. NFPA Zone B / D lower level lighting
- c. NFPA Zone C upper and lower level lighting
- d. Electronic 200 watt siren/PA with minimum 100 watt speaker recessed in bumper

9. PAINT FINISH/REFLECTIVE STRIPING

- a. Cab and body to be painted single tone with 10 year pro-rated paint and corrosion perforation warranty
- b. Wheels painted to match the cab and body
- c. Reflective striping in accordance with Chapter 15.9.3
- d. Reflective chevron on rear of apparatus in accordance with Chapter 15.9.3.2.

10. 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. 20 year aerial structural
- f. Lifetime frame warranty
- g. 2 year front axle
- h. 2 year rear axle
- j. 5 year fire pump
- k. Lifetime booster tank
- l. Manufacturer's standard 5 year warranty for transmission



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

### **2012 100' MID MOUNTED AERIAL APPARATUS Specification #07 (Extruded Aluminum Body – Steel Ladder)**

The 100' Mid Mounted Aerial Apparatus, 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.

<b>MODEL:</b>	<b>Igniter XD</b>	<b>Spectr</b>
<b>BASE PRICE:</b>	<b>\$755,677.00</b>	<b>\$733,191.00</b>
<b>MANUFACTURER:</b>	Ferrara Fire Apparatus, Inc.	Ferrara Fire Apparatus, 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) and all chapters that are appropriate for a quint apparatus with a special emphasis on Chapters 1, 2, 3, 4, 9, 12, 13, 14, 15, 16, 18, 19, 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**

### **2012 100' MID MOUNTED AERIAL APPARATUS Specification #07 (Formed Aluminum Body – Steel Ladder)**

The 100' Mid Mounted Aerial Apparatus, 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.

<b>MODEL:</b>	<b>KME Predator AerialCat FLO7100</b>	<b>Pierce Arrow XT HDL</b>
<b>BASE PRICE:</b>	<b>\$800,204.00</b>	<b>\$753,201.00</b>
<b>MANUFACTURER:</b>	<b>Kovatch Mobile Equip. Corp. (KME)</b>	<b>Pierce Manufacturing, Inc.</b>

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) and all chapters that are appropriate for a quint apparatus with a special emphasis on Chapters 1, 2, 3, 4, 9, 12, 13, 14, 15, 16, 18, 19, 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**

### **2012 100' MID MOUNTED AERIAL APPARATUS Specification #07 (Formed Stainless Steel Body – Aluminum Ladder)**

The 100' Mid Mounted Aerial Apparatus, 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.

**MODEL:** Sutphen SL100  
**BASE PRICE:** \$744,560.00  
**MANUFACTURER:** Sutphen Corporation

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) and all chapters that are appropriate for a quint apparatus with a special emphasis on Chapters 1, 2, 3, 4, 9, 12, 13, 14, 15, 16, 18, 19, 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 #08 – 100' REAR MOUNTED AERIAL APPARATUS**

**ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED**

**THE CAB AND CHASSIS SHALL BE PROVIDED BY THE BODY MANUFACTURER**

#### **1. DOCUMENTATION, DELIVERY, TRAINING**

- a. When requested by end user, bidders to accurately state wheelbase, cab to axle, overall length, bumper swing turn radius, curb-to-curb turning radius, overall height, overall width, GVWR, angle of approach, angle of departure and SCAAN certification for drivetrain compatibility in submitted specifications
- b. Approval drawings provided prior to construction commencement
- c. Two (2) sets of operator and service manuals
- d. Delivery to be F.O.B. customer's location
- e. Three (3) days of training by employee of manufacturer
- f. Pump test certification by independent third party
- g. Water tank capacity certification
- h. Aerial non-destructive, performance and stability testing by independent third party
- i. 12 volt and, if applicable, 110 volt testing by independent third party
- j. Vehicle weight, as measured by certified scales

#### **2. CHASSIS**

- a. 110,000 psi heat treated steel frame rail with full length inner 110,000 psi C-channel liner or integral torque box frame
- b. 10 gauge polished stainless steel 16" to 24" extended front bumper with aluminum diamond plate gravel shield
- c. Tow hooks or eyes front and rear attached to the frame
- d. 20,000 pound minimum front axle, suspension, tubeless radial tires, steel disc wheels
- e. 48,000 pound minimum rear axle, suspension, tubeless radial tires, steel disc wheels
- 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. Manufacturer's standard 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

**3. POWERTRAIN**

- a. Minimum 450 horsepower turbocharged diesel engine with 1450 ft. lb. torque rating
- b. Engine exhaust at front of right rear wheels
- c. Secondary braking to meet NFPA
- 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 automatic transmission
- h. 50 gallon minimum fuel tank
- i. OEM oil, fuel, transmission filters

**4. CAB**

- a. Medium length tilt aluminum cab meeting NFPA 1901 Chapter 14.3.2
- b. Seating for four, three 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 with manual back-up
- 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
- j. Forward facing turn and warning lights
- k. 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. Alternator sized according to amp draw report
- r. Minimum four (4) 750 CCA batteries
- s. Load manager with automatic high idle function
- t. Dual air horns with dual in-cab controls

**5. AERIAL APPARATUS – ALUMINUM OR STEEL**

- a. Aerial shall meet or exceed all sections of NFPA 1901 Chapter 19
- b. Ladder material: aluminum or steel

- c. Rear-mounted configuration
  - d. 4-section aerial with minimum elevation of 100' per NFPA requirements
  - e. Rated horizontal reach per NFPA requirements
  - f. Rungs shall meet all aspects of NFPA 1901 19.2.5
  - g. Rungs equipped with a slip resistant surface meeting NFPA 1901 19.2.5
  - h. Rungs spacing meeting NFPA 1901 19.2.5
  - i. Turntable with pedestal mounted controls meeting NFPA 1901 19.4
  - j. Aerial rated load capacity not flowing water: 500 lbs. minimum in addition to equipment mounted at tip of ladder
  - k. Aerial rated load capacity while flowing 1000 gpm: 500 lbs. minimum in addition to equipment mounted at tip of ladder
  - l. Rated load capacities shall meet and /or exceed NFPA 1901 19.3
  - m. The aerial shall be rated in multiple configurations per Chapter 19.3.4
  - n. Extend/retract, rotate and hydraulic or electric over hydraulic controls meeting NFPA 1901 19.5 through 19.5.3.6.
  - o. Hydraulic pressure gauge at turntable controls
  - p. Illuminated Angle of Elevation Indicator meeting NFPA 1901 19.4.1
  - q. Flowmeter on turntable control pedestal meeting NFPA 1901 19.6.8
  - r. All aerial control devices shall meet NFPA 1901 19.17
  - s. Fall protection provisions shall be provided.
  - t. Bidders to state type of stabilizers and overall stabilizers spread
  - u. Aerial shall meet structural safety factors in accordance with NFPA 1901 19.20
  - v. Aerial shall meet NFPA 1901 stability safety factors Chapter 19.21
  - w. Lighted turntable area
  - x. The aerial manufacturer (the company that manufactures the entire aerial device) shall maintain a Quality Control Program in accordance with NFPA 1901 Chapter 19.22
  - y. Special attention shall be paid to meeting all safety requirements per NFPA 1901 19.20
  - z. Aerial shall be fully tested and certified by third party certified testing company per NFPA 1901 19.24 and 19.25
  - aa. 2-way intercom system between ladder tip and turntable control pedestal.
  - bb. Minimum 1000 gpm waterway system meeting NFPA 1901 with remote control nozzle (controls at fly section and at turntable control pedestal) with movable manual pinned waterway or remote control movable waterway.
  - cc. Minimum 4" rear waterway inlet with pressure gauge and long handled chrome cap
  - dd. Minimum 4" waterway discharge with 4" valve with handwheel or electric control on pump panel
  - ee. Waterway relief valve and minimum 1.5" drain at rear of apparatus
  - ff. Stabilizer controls and stabilizer to aerial controls mounted on rear of apparatus body
  - gg. One (1) high intensity spotlights on ladder tip
  - hh. Two high intensity flood lights on ladder base
  - ii. Painted finish on steel aerial-bidder shall provide copy of paint warranty on aerial
  - jj. Instruction plates and signs must be installed per NFPA 1901 Chapter 19.23
6. FIRE PUMP & PLUMBING
- a. Minimum 1500 GPM pump as rated per NFPA 1901 Chapter 16
  - b. Air operated pump shift
  - c. Discharge pressure relief valve
  - d. Intake pressure relief valve
  - e. Master drain valve
  - f. Electric dry type primer



- g. Pump panel lights, 3 each side
- h. Pump compartment light
- i. OK to pump lights in cab and at pump pane
- j. Engine cooler
- k. Pump cooler
- l. Two (2) 6" steamers, one on side panel
- m. 2.5" left side gated suction
- n. 1.5" tank fill
- o. Two (2) 2" crosslay hose beds over the pump compartment
- p. Two (2) 2-1/2" left side discharges
- q. Two (2) 2-1/2" right side discharges
- r. Stainless steel schedule 40 piping with 10 year warranty
- s. Panel gauge package: water tank level, tach, oil pressure, water temperature, voltmeter, light and alarm system
- t. Minimum 300 gallon polypropylene booster tank with lifetime warranty
- u. 3" tank to pump connection
- v. Minimum 10" x 8" fill tower with minimum 4" overflow tube
- w. 15 ft. of soft suction hose sized for capacity of fire pump

**7. APPARATUS BODY**

- a. Bidders to bid on each of their offered construction types:
  - Extruded aluminum
  - Formed aluminum
  - Formed galvanneal steel
  - Formed stainless steel
- b. Bidders to state thicknesses, alloys and construction methods of all materials used in body construction
- c. High left side compartments
- d. High right side compartments
- e. Bidders to accurately state the total cubic footage of compartment space, along with each compartment size
- f. Lights in compartments to meet NFPA 1901 Chapter 13.10.5
- g. Hose bed lighting must be provided per NFPA Chapter 1901 13.10.2
- h. Back up alarm
- i. Rear ladder storage for minimum 115' NFPA ground ladders fully enclosed at rear of apparatus, ladders to be included
- j. Rear pike pole storage for minimum of six (6) pike poles fully enclosed at rear of apparatus
- k. Slide out pump operator platform
- l. Hose bed with hose restraints to be NFPA quint compliant
- m. Steps and handrails for climbing from ground to turntable – bidders to state exact design
- n. Lights at each step
- o. Stop/turn/back up lights
- p. DOT clearance and marker lights
- q. License plate light
- r. Rear deck lights
- s. Rub rail along each side of body
- t. Running boards at each pump panel
- u. Brushed stainless steel or black non-glare aluminum pump panels

8. EMERGENCY WARNING

- a. NFPA Zone A lower and upper level lighting
- b. NFPA Zone B / D lower level lighting
- c. NFPA Zone C upper and lower level lighting
- d. Electronic 200 watt siren/PA with minimum 100 watt speaker recessed in bumper

9. PAINT FINISH/REFLECTIVE STRIPING

- a. Cab and body to be painted single tone with 10 year pro-rated paint and corrosion perforation warranty
- b. Wheels painted to match the cab and body
- c. Reflective striping in accordance with Chapter 15.9.3
- d. Reflective chevron on rear of apparatus in accordance with Chapter 15.9.3.2.

10. 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. 20 year aerial structural
- f. Lifetime frame warranty
- g. 2 year front axle
- h. 2 year rear axle
- j. 5 year fire pump
- k. Lifetime booster tank
- l. Manufacturer’s standard 5 year warranty for transmission



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

### **2012 100' REAR MOUNTED AERIAL APPARATUS Specification #08 (Extruded Aluminum Body – Aluminum Ladder)**

The 100' Rear Mounted Aerial Apparatus, 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.

**MODEL:** E-ONE HP 100L  
**BASE PRICE:** \$693,366.00  
**MANUFACTURER:** Hall-Mark Fire Apparatus (E-ONE)

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) and all chapters that are appropriate for a quint apparatus with a special emphasis on Chapters 1, 2, 3, 4, 8, 12, 13, 14, 15, 16, 18, 19, 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**

### **2012 100' REAR MOUNTED AERIAL APPARATUS Specification #08 (Extruded Aluminum Body – Steel Ladder)**

The 100' Rear Mounted Aerial Apparatus, 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.

<b>MODEL:</b>	<b>Crimson 100RMA</b>	<b>Igniter XD</b>
<b>BASE PRICE:</b>	<b>\$674,072.00</b>	<b>\$662,036.00</b>
<b>MANUFACTURER:</b>	Crimson Fire (Public Safety...)	Ferrara Fire Apparatus, Inc.
<b>MODEL:</b>	<b>Spectr</b>	<b>Spartan Gladiator 100'</b>
<b>BASE PRICE:</b>	<b>\$631,376.00</b>	<b>\$652,394.00</b>
<b>MANUFACTURER:</b>	Ferrara Fire Apparatus, Inc.	Rosenbauer South Dakota, LLC

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) and all chapters that are appropriate for a quint apparatus with a special emphasis on Chapters 1, 2, 3, 4, 8, 12, 13, 14, 15, 16, 18, 19, 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**

### **2012 100' REAR MOUNTED AERIAL APPARATUS Specification #08 (Formed Aluminum Body – Aluminum Ladder)**

The 100' Rear Mounted Aerial Apparatus, 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.

**MODEL:** Pierce Arrow XT HDL  
**BASE PRICE:** \$665,648.00  
**MANUFACTURER:** Pierce Manufacturing, 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) and all chapters that are appropriate for a quint apparatus with a special emphasis on Chapters 1, 2, 3, 4, 8, 12, 13, 14, 15, 16, 18, 19, 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**

### **2012 100' REAR MOUNTED AERIAL APPARATUS Specification #08 (Formed Aluminum Body – Steel Ladder)**

The 100' Rear Mounted Aerial Apparatus, 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.

**MODEL:** American LaFrance 100RMA  
**BASE PRICE:** \$750,442.00  
**MANUFACTURER:** American LaFrance, LLC

**KME Predator AerialCat FLO8103**  
**\$667,180.00**  
Kovatch Mobile Equip. Corp. (KME)

**MODEL:** Pierce Arrow XT HDL  
**BASE PRICE:** \$653,206.00  
**MANUFACTURER:** Pierce Manufacturing, Inc.

**Spartan Gladiator 100'**  
**\$620,852.00**  
Rosenbauer South Dakota, LLC

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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**

### **2012 100' REAR MOUNTED AERIAL APPARATUS Specification #08 (Formed Stainless Steel Body – Aluminum Ladder)**

The 100' Rear Mounted Aerial Apparatus, 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.

**MODEL:** Pierce Arrow XT HAL-SS  
**BASE PRICE:** \$673,564.00  
**MANUFACTURER:** Pierce Manufacturing, 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) and all chapters that are appropriate for a quint apparatus with a special emphasis on Chapters 1, 2, 3, 4, 8, 12, 13, 14, 15, 16, 18, 19, 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**

### **2012 100' REAR MOUNTED AERIAL APPARATUS Specification #08 (Formed Stainless Steel Body – Steel Ladder)**

The 100' Rear Mounted Aerial Apparatus, 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.

<b>MODEL:</b>	<b>American LaFrance 100RMA</b>	<b>Crimson 100RMA</b>
<b>BASE PRICE:</b>	<b>\$753,942.00</b>	<b>\$677,950.00</b>
<b>MANUFACTURER:</b>	American LaFrance, LLC	Crimson Fire (Public Safety...)

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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 #09 – MID MOUNTED AERIAL PLATFORM**

**ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED**

**THE CAB AND CHASSIS SHALL BE PROVIDED BY THE BODY MANUFACTURER**

#### **1. DOCUMENTATION, DELIVERY, TRAINING**

- a. When requested by end user, bidders to accurately state wheelbase, cab to axle, overall length, bumper swing turn radius, curb-to-curb turning radius, overall height, overall width, GVWR, angle of approach, angle of departure and SCAAN certification for drivetrain compatibility in submitted specifications
- b. Approval drawings provided prior to construction commencement
- c. Two (2) sets of operator and service manuals
- d. Delivery to be F.O.B. customer's location
- e. Three (3) days of training by employee of manufacturer
- f. Pump test certification by independent third party
- g. Water tank capacity certification by independent third party
- h. Aerial non-destructive, waterway flow test, performance and stability testing by independent third party
- i. 12 volt and, if applicable, 110 volt testing by independent third party
- j. Vehicle weight, as measured by certified scales

#### **2. CHASSIS**

- a. 110,000 psi heat treated steel frame rail with full length inner 110,000 psi C-channel liner or integral torque box frame
- b. 10 gauge polished stainless steel 16" to 24" extended front bumper with aluminum diamond plate gravel shield
- c. Tow hooks or eyes front and rear attached to the frame
- d. 22,500 pound minimum front axle, suspension, tubeless radial tires, steel disc wheels
- e. 52,000 pound minimum rear axle, suspension, tubeless radial tires, steel disc wheels
- 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. Manufacturer's standard 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

**3. POWERTRAIN**

- a. Minimum 450 horsepower turbocharged diesel engine with 1450 ft. lb. torque rating
- b. Engine exhaust at front of right rear wheels
- c. Secondary braking to meet NFPA
- 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 automatic transmission
- h. 50 gallon minimum fuel tank
- i. OEM oil, fuel, transmission filters

**4. CAB**

- a. Medium length tilt aluminum cab meeting NFPA 1901 Chapter 14.3.2
- b. Seating for four, three 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 with manual back-up
- 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
- j. Forward facing turn and warning lights
- k. 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. Alternator sized according to amp draw report
- r. Minimum four (4) 750 CCA batteries
- s. Load manager with automatic high idle function
- t. Dual air horns with dual in-cab controls

**5. AERIAL APPARATUS – ALUMINUM OR STEEL**

- a. Aerial shall meet or exceed all sections of NFPA 1901 Chapter 19

- b. Ladder material: aluminum or steel
  - c. Mid-mounted configuration
  - d. 4-section or 5-section aerial with minimum elevation of 95' per NFPA requirements
  - e. Rated horizontal reach per NFPA requirements
  - f. Rungs shall meet all aspects of NFPA 1901 19.2.5
  - g. Rungs equipped with a slip resistant surface meeting NFPA 1901 19.2.5
  - h. Rungs spacing meeting NFPA 1901 19.2.5
  - i. Turntable with pedestal mounted controls meeting NFPA 1901 19.4
  - j. Platform rated load capacity not flowing water: 1000 lbs. plus equipment
  - k. Platform rated load capacity while flowing 1000 gpm: 500 lbs. in addition to permanently affixed equipment
  - l. Rated load capacities shall meet and /or exceed NFPA 1901 19.3
  - m. The aerial shall be rated in multiple configurations per Chapter 19.3.4
  - n. Extend/retract, rotate and hydraulic or electric over hydraulic controls meeting NFPA 1901 19.5 through 19.5.3.6.
  - o. Hydraulic pressure gauge at turntable controls
  - p. Illuminated Angle of Elevation Indicator meeting NFPA 1901 19.4.1
  - q. Flowmeter on turntable control pedestal meeting NFPA 1901 19.6.8
  - r. All aerial control devices shall meet NFPA 1901 19.17
  - s. Fall protection provisions shall be provided.
  - t. Bidders to state type of stabilizers and overall stabilizers spread
  - u. Aerial shall meet structural safety factors in accordance with NFPA 1901 19.20
  - v. Aerial shall meet NFPA 1901 stability safety factors Chapter 19.21
  - w. Lighted turntable area
  - x. The aerial manufacturer (the company that manufactures the entire aerial device) shall maintain a Quality Control Program in accordance with NFPA 1901 Chapter 19.22
  - y. Special attention shall be paid to meeting all safety requirements per NFPA 1901 19.20
  - z. Aerial shall be fully tested and certified by third party certified testing company per NFPA 1901 19.24 and 19.25
  - aa. 2-way intercom system between ladder tip and turntable control pedestal.
  - bb. Minimum 1000 gpm waterway system meeting NFPA 1901 with remote control nozzle (controls in platform and at turntable control pedestal).
  - cc. Minimum 4" rear or side waterway inlet with pressure gauge and long handled chrome cap
  - dd. Minimum 4" waterway discharge with 4" valve with handwheel or electric control on pump panel
  - ee. Waterway relief valve and minimum 1.5" drain
  - ff. Stabilizer controls and stabilizer to aerial controls mounted on center or rear of apparatus body
  - gg. One (1) high intensity spotlights on ladder tip
  - hh. Two high intensity flood lights on ladder base
  - ii. Painted finish on steel aerial-bidder shall provide copy of paint warranty on aerial
  - jj. Instruction plates and signs must be installed per NFPA 1901 Chapter 19.23
  - kk. Platform construction and design must meet NFPA 1901 Chapter 19.7.6
  - ll. Platform operating positions must meet NFPA 1901 Chapter 19.9
6. FIRE PUMP & PLUMBING
- a. Minimum 1500 GPM pump as rated per NFPA 1901 Chapter 16
  - b. Air operated pump shift
  - c. Discharge pressure relief valve
  - d. Intake pressure relief valve

- e. Master drain valve
- f. Electric dry type primer
- g. Pump panel lights, 3 each side
- h. Pump compartment light
- i. OK to pump lights in cab and at pump panel
- j. Engine cooler
- k. Pump cooler
- l. Two (2) 6" steamers, one on side panel
- m. 2.5" left side gated suction
- n. 1.5" tank fill
- o. Two (2) 2" crosslay hose beds over the pump compartment
- p. Two (2) 2-1/2" left side discharges
- q. Two (2) 2-1/2" right side discharges
- r. Stainless steel schedule 40 piping with 10 year warranty
- s. Panel gauge package: water tank level, tach, oil pressure, water temperature, voltmeter, light and alarm system
- t. Minimum 300 gallon polypropylene booster tank with lifetime warranty
- v. 3" tank to pump connection
- v. Minimum 10" x 8" fill tower with minimum 4" overflow tube
- w. 15 ft. of soft suction hose sized for capacity of fire pump

**7. APPARATUS BODY**

- a. Bidders to bid on each of their offered construction types:
  - Extruded aluminum
  - Formed aluminum
  - Formed galvanized steel
  - Formed stainless steel
- b. Bidders to state thicknesses, alloys and construction methods of all materials used in body construction
- c. Maximum number of left side compartments available
- d. Maximum number of right side compartments available
- e. Bidders to accurately state the total cubic footage of compartment space, along with each compartment size
- f. Lights in compartments to meet NFPA 1901 Chapter 13.10.5
- g. Hose bed lighting must be provided per NFPA Chapter 1901 13.10.2
- h. Back up alarm
- i. Rear ladder storage for minimum 115' NFPA ground ladders fully enclosed at rear of apparatus, ladders to be included
- j. Rear pike pole storage for minimum of six (6) pike poles fully enclosed at rear of apparatus
- k. Slide out pump operator platform
- l. Hose bed with hose restraints to be NFPA quint compliant
- m. Steps and handrails for climbing from ground to turntable – bidders to state exact design
- n. Lights at each step
- o. Stop/turn/back up lights
- p. DOT clearance and marker lights
- q. License plate light
- r. Rear deck lights
- s. Rub rail along each side of body
- t. Running boards at each pump panel
- u. Brushed stainless steel or black non-glare aluminum pump panels

8. EMERGENCY WARNING

- a. NFPA Zone A lower and upper level lighting
- b. NFPA Zone B / D lower level lighting
- c. NFPA Zone C upper and lower level lighting
- d. Electronic 200 watt siren/PA with minimum 100 watt speaker recessed in bumper

9. PAINT FINISH/REFLECTIVE STRIPING

- a. Cab and body to be painted single tone with 10 year pro-rated paint and corrosion perforation warranty
- b. Wheels painted to match the cab and body
- c. Reflective striping in accordance with Chapter 15.9.3
- d. Reflective chevron on rear of apparatus in accordance with Chapter 15.9.3.2.

10. 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. 20 year aerial structural
- f. Lifetime frame warranty
- g. 2 year front axle
- h. 2 year rear axle
- i. 5 year fire pump
- j. Lifetime booster tank
- k. Manufacturer's standard 5 year warranty for transmission



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

## **2012 MID MOUNTED AERIAL PLATFORM Specification #09 (Extruded Aluminum Body – Aluminum Ladder)**

The Mid Mounted Aerial Platform, 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.

**MODEL:** E-ONE HP 95 MM  
**BASE PRICE:** \$849,613.00  
**MANUFACTURER:** Hall-Mark Fire Apparatus (E-ONE)

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) and all chapters that are appropriate for a quint apparatus with a special emphasis on Chapters 1, 2, 3, 4, 8, 12, 13, 14, 15, 16, 18, 19, 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**

**2012 MID MOUNTED AERIAL PLATFORM  
Specification #09  
(Extruded Aluminum Body – Steel Ladder)**

The Mid Mounted Aerial Platform, 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.

<b>MODEL:</b>	<b>Crimson MM 100'</b>	<b>Igniter XD</b>
<b>BASE PRICE:</b>	<b>\$854,583.00</b>	<b>\$868,463.00</b>
<b>MANUFACTURER:</b>	Crimson Fire (Public Safety...)	Ferrara Fire Apparatus, Inc.
<b>MODEL:</b>	<b>Spectr</b>	<b>Spartan Gladiator</b>
<b>BASE PRICE:</b>	<b>\$844,351.00</b>	<b>\$798,554.00</b>
<b>MANUFACTURER:</b>	Ferrara Fire Apparatus, Inc.	Rosenbauer South Dakota, LLC

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) and all chapters that are appropriate for a quint apparatus with a special emphasis on Chapters 1, 2, 3, 4, 8, 12, 13, 14, 15, 16, 18, 19, 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**

### **2012 MID MOUNTED AERIAL PLATFORM Specification #09 (Formed Aluminum Body – Steel Ladder)**

The Mid Mounted Aerial Platform, 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.

**MODEL:** American LaFrance 100MMP  
**BASE PRICE:** \$886,602.00  
**MANUFACTURER:** American LaFrance, LLC

**KME Predator AerialCat FLO9100**  
**\$830,497.00**  
Kovatch Mobile Equip. Corp. (KME)

**MODEL:** Pierce Arrow XT Mid Mount  
**BASE PRICE:** \$894,531.00  
**MANUFACTURER:** Pierce Manufacturing, Inc.

**Spartan Gladiator**  
**\$780,512.00**  
Rosenbauer South Dakota, LLC

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) and all chapters that are appropriate for a quint apparatus with a special emphasis on Chapters 1, 2, 3, 4, 8, 12, 13, 14, 15, 16, 18, 19, 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**

### **2012 MID MOUNTED AERIAL PLATFORM Specification #09 (Formed Stainless Steel Body – Aluminum Ladder)**

The Mid Mounted Aerial Platform, 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.

<b>MODEL:</b>	<b>SPH100</b>	<b>SP110</b>
<b>BASE PRICE:</b>	<b>\$969,128.00</b>	<b>\$1,014,357.00</b>
<b>MANUFACTURER:</b>	Sutphen Corporation	Sutphen Corporation

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) and all chapters that are appropriate for a quint apparatus with a special emphasis on Chapters 1, 2, 3, 4, 8, 12, 13, 14, 15, 16, 18, 19, 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**

### **2012 MID MOUNTED AERIAL PLATFORM Specification #09 (Formed Stainless Steel Body – Steel Ladder)**

The Mid Mounted Aerial Platform, 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.

<b>MODEL:</b>	<b>American LaFrance 100MMP</b>	<b>Crimson MM 100'</b>
<b>BASE PRICE:</b>	<b>\$891,503.00</b>	<b>\$858,330.00</b>
<b>MANUFACTURER:</b>	American LaFrance, LLC	Crimson Fire (Public Safety...)

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) and all chapters that are appropriate for a quint apparatus with a special emphasis on Chapters 1, 2, 3, 4, 8, 12, 13, 14, 15, 16, 18, 19, 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 #10 – REAR MOUNTED AERIAL PLATFORM**

**ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED**

**THE CAB AND CHASSIS SHALL BE PROVIDED BY THE BODY MANUFACTURER**

#### **1. DOCUMENTATION, DELIVERY, TRAINING**

- a. When requested by end user, bidders to accurately state wheelbase, cab to axle, overall length, bumper swing turn radius, curb-to-curb turning radius, overall height, overall width, GVWR, angle of approach, angle of departure and SCAAN certification for drivetrain compatibility in submitted specifications
- b. Approval drawings provided prior to construction commencement
- c. Two (2) sets of operator and service manuals
- d. Delivery to be F.O.B. customer's location
- e. Three (3) days of training by employee of manufacturer
- f. Pump test certification by independent third party
- g. Water tank capacity certification by independent third party
- h. Aerial non-destructive, waterway flow test, performance and stability testing by independent third party
- i. 12 volt and, if applicable, 110 volt testing by independent third party
- j. Vehicle weight, as measured by certified scales

#### **2. CHASSIS**

- a. 110,000 psi heat treated steel frame rail with full length inner 110,000 psi C-channel liner or integral torque box frame
- b. 10 gauge polished stainless steel 16" to 24" extended front bumper with aluminum diamond plate gravel shield
- c. Tow hooks or eyes front and rear attached to the frame
- d. 20,000 pound minimum front axle, suspension, tubeless radial tires, steel disc wheels
- e. 50,000 pound minimum rear axle, suspension, tubeless radial tires, steel disc wheels
- 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. Manufacturer's standard 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
3. POWERTRAIN
- a. Minimum 450 horsepower turbocharged diesel engine with 1450 ft. lb. torque rating
  - b. Engine exhaust at front of right rear wheels
  - c. Secondary braking to meet NFPA
  - 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 automatic transmission
  - h. 50 gallon minimum fuel tank
  - i. OEM oil, fuel, transmission filters
4. CAB
- a. Medium length tilt aluminum cab meeting NFPA 1901 Chapter 14.3.2
  - b. Seating for four, three 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 with manual back-up
  - 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
  - j. Forward facing turn and warning lights
  - k. 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. Alternator sized according to amp draw report
  - r. Minimum four (4) 750 CCA batteries
  - s. Load manager with automatic high idle function
  - t. Dual air horns with dual in-cab controls
5. AERIAL APPARATUS – ALUMINUM OR STEEL
- a. Aerial shall meet or exceed all sections of NFPA 1901 Chapter 19



- b. Ladder material: aluminum or steel
  - c. Rear-mounted configuration
  - d. Minimum 3-section aerial with minimum elevation of 100' per NFPA requirements
  - e. Rated horizontal reach per NFPA requirements
  - f. Rungs shall meet all aspects of NFPA 1901 19.2.5
  - g. Rungs equipped with a slip resistant surface meeting NFPA 1901 19.2.5
  - h. Rungs spacing meeting NFPA 1901 19.2.5
  - i. Turntable with pedestal mounted controls meeting NFPA 1901 19.4
  - j. Platform rated load capacity not flowing water: 1000 lbs. plus equipment
  - k. Platform rated load capacity while flowing 1000 gpm: 500 lbs. in addition to permanently affixed equipment
  - l. Rated load capacities shall meet and /or exceed NFPA 1901 19.3
  - m. The aerial shall be rated in multiple configurations per Chapter 19.3.4
  - n. Extend/retract, rotate and hydraulic or electric over hydraulic controls meeting NFPA 1901 19.5 through 19.5.3.6.
  - o. Hydraulic pressure gauge at turntable controls
  - p. Illuminated Angle of Elevation Indicator meeting NFPA 1901 19.4.1
  - q. Flowmeter on turntable control pedestal meeting NFPA 1901 19.6.8
  - r. All aerial control devices shall meet NFPA 1901 19.17
  - s. Fall protection provisions shall be provided.
  - t. Bidders to state type of stabilizers and overall stabilizers spread
  - u. Aerial shall meet structural safety factors in accordance with NFPA 1901 19.20
  - v. Aerial shall meet NFPA 1901 stability safety factors Chapter 19.21
  - w. Lighted turntable area
  - x. The aerial manufacturer (the company that manufactures the entire aerial device) shall maintain a Quality Control Program in accordance with NFPA 1901 Chapter 19.22
  - y. Special attention shall be paid to meeting all safety requirements per NFPA 1901 19.20
  - z. Aerial shall be fully tested and certified by third party certified testing company per NFPA 1901 19.24 and 19.25
  - aa. 2-way intercom system between ladder tip and turntable control pedestal.
  - bb. Minimum 1000 gpm waterway system meeting NFPA 1901 with remote control nozzle (controls in platform and at turntable control pedestal).
  - cc. Minimum 4" rear waterway inlet with pressure gauge and long handled chrome cap
  - dd. Minimum 4" waterway discharge with 4" valve with handwheel or electric control on pump panel
  - ee. Waterway relief valve and minimum 1.5" drain at rear of apparatus
  - ff. Stabilizer controls and stabilizer to aerial controls mounted on rear of apparatus body
  - gg. One (1) high intensity spotlights on ladder tip
  - hh. Two high intensity flood lights on ladder base
  - ii. Painted finish on steel aerial-bidder shall provide copy of paint warranty on aerial
  - jj. Instruction plates and signs must be installed per NFPA 1901 Chapter 19.23
  - kk. Platform construction and design must meet NFPA 1901 Chapter 19.7.6
  - ll. Platform operating positions must meet NFPA 1901 Chapter 19.9
6. FIRE PUMP & PLUMBING
- a. Minimum 1500 GPM pump as rated per NFPA 1901 Chapter 16
  - b. Air operated pump shift
  - c. Discharge pressure relief valve
  - d. Intake pressure relief valve
  - e. Master drain valve



- f. Electric dry type primer
- g. Pump panel lights, 3 each side
- h. Pump compartment light
- i. OK to pump lights in cab and at pump panel
- j. Engine cooler
- k. Pump cooler
- l. Two (2) 6" steamers, one on side panel
- m. 2.5" left side gated suction
- n. 1.5" tank fill
- o. Two (2) 2" crosslay hose beds over the pump compartment
- p. Two (2) 2-1/2" left side discharges
- q. Two (2) 2-1/2" right side discharges
- r. Stainless steel schedule 40 piping with 10 year warranty
- s. Panel gauge package: water tank level, tach, oil pressure, water temperature, voltmeter, light and alarm system
- t. Minimum 300 gallon polypropylene booster tank with lifetime warranty
- u. 3" tank to pump connection
- v. Minimum 10" x 8" fill tower with minimum 4" overflow tube
- w. 15 ft. of soft suction hose sized for capacity of fire pump

**7. APPARATUS BODY**

- a. Bidders to bid on each of their offered construction types:
  - Extruded aluminum
  - Formed aluminum
  - Formed galvanized steel
  - Formed stainless steel
- b. Bidders to state thicknesses, alloys and construction methods of all materials used in body construction
- c. High left side compartments
- d. High right side compartments
- e. Bidders to accurately state the total cubic footage of compartment space, along with each compartment size
- f. Lights in compartments to meet NFPA 1901 Chapter 13.10.5
- g. Hose bed lighting must be provided per NFPA Chapter 1901 13.10.2
- h. Back up alarm
- i. Rear ladder storage for minimum 115' NFPA ground ladders fully enclosed at rear of apparatus, ladders to be included
- j. Rear pike pole storage for minimum of six (6) pike poles fully enclosed at rear of apparatus
- k. Slide out pump operator platform
- l. Hose bed with hose restraints to be NFPA quint compliant
- m. Steps and handrails for climbing from ground to turntable – bidders to state exact design
- n. Lights at each step
- o. Stop/turn/back up lights
- p. DOT clearance and marker lights
- q. License plate light
- r. Rear deck lights
- s. Rub rail along each side of body
- t. Running boards at each pump panel
- u. Brushed stainless steel or black non-glare aluminum pump panels

8. EMERGENCY WARNING

- a. NFPA Zone A lower and upper level lighting
- b. NFPA Zone B / D lower level lighting
- c. NFPA Zone C upper and lower level lighting
- d. Electronic 200 watt siren/PA with minimum 100 watt speaker recessed in bumper

9. PAINT FINISH/REFLECTIVE STRIPING

- a. Cab and body to be painted single tone with 10 year pro-rated paint and corrosion perforation warranty
- b. Wheels painted to match the cab and body
- c. Reflective striping in accordance with Chapter 15.9.3
- d. Reflective chevron on rear of apparatus in accordance with Chapter 15.9.3.2.

10. 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. 20 year aerial structural
- f. Lifetime frame warranty
- g. 2 year front axle
- h. 2 year rear axle
- i. 5 year fire pump
- j. Lifetime booster tank
- k. Manufacturer's standard 5 year warranty for transmission



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

### **2012 REAR MOUNTED AERIAL PLATFORM Specification #10 (Extruded Aluminum Body – Aluminum Ladder)**

The Rear Mounted Aerial Platform, 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.

**MODEL:** E-ONE HP 100P  
**BASE PRICE:** \$820,298.00  
**MANUFACTURER:** Hall-Mark Fire Apparatus (E-ONE)

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) and all chapters that are appropriate for a quint apparatus with a special emphasis on Chapters 1, 2, 3, 4, 8, 12, 13, 14, 15, 16, 18, 19, 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**

### **2012 REAR MOUNTED AERIAL PLATFORM Specification #10 (Extruded Aluminum Body – Steel Ladder)**

The Rear Mounted Aerial Platform, 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.

<b>MODEL:</b>	<b>Crimson Star RM 100'</b>	<b>Igniter XD</b>
<b>BASE PRICE:</b>	<b>\$756,389.00</b>	<b>\$763,430.00</b>
<b>MANUFACTURER:</b>	Crimson Fire (Public Safety...)	Ferrara Fire Apparatus, Inc.
<b>MODEL:</b>	<b>Spectr</b>	<b>Spartan Gladiator</b>
<b>BASE PRICE:</b>	<b>\$729,318.00</b>	<b>\$734,810.00</b>
<b>MANUFACTURER:</b>	Ferrara Fire Apparatus, Inc.	Rosenbauer South Dakota, LLC

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) and all chapters that are appropriate for a quint apparatus with a special emphasis on Chapters 1, 2, 3, 4, 8, 12, 13, 14, 15, 16, 18, 19, 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**

### **2012 REAR MOUNTED AERIAL PLATFORM Specification #10 (Formed Aluminum Body – Aluminum Ladder)**

The Rear Mounted Aerial Platform, 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.

**MODEL:** Pierce Arrow XT Rear Mount PAP  
**BASE PRICE:** \$850,581.00  
**MANUFACTURER:** Pierce Manufacturing, 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) and all chapters that are appropriate for a quint apparatus with a special emphasis on Chapters 1, 2, 3, 4, 8, 12, 13, 14, 15, 16, 18, 19, 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**

### **2012 REAR MOUNTED AERIAL PLATFORM Specification #10 (Formed Aluminum Body – Steel Ladder)**

The Rear Mounted Aerial Platform, 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.

<b>MODEL:</b>	<b>American LaFrance 100RMP</b>	<b>KME Predator AerialCat FL010102</b>
<b>BASE PRICE:</b>	<b>\$788,974.00</b>	<b>\$791,297.00</b>
<b>MANUFACTURER:</b>	American LaFrance, LLC	Kovatch Mobile Equip. Corp. (KME)
<b>MODEL:</b>	<b>Pierce Arrow XT Rear Mount PAP</b>	<b>Spartan Gladiator</b>
<b>BASE PRICE:</b>	<b>\$799,259.00</b>	<b>\$710,125.00</b>
<b>MANUFACTURER:</b>	Pierce Manufacturing, Inc.	Rosenbauer South Dakota, LLC

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) and all chapters that are appropriate for a quint apparatus with a special emphasis on Chapters 1, 2, 3, 4, 8, 12, 13, 14, 15, 16, 18, 19, 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**

### **2012 REAR MOUNTED AERIAL PLATFORM Specification #10 (Formed Stainless Steel Body – Steel Ladder)**

The Rear Mounted Aerial Platform, 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.

<b>MODEL:</b>	<b>American LaFrance 100RMP</b>	<b>Crimson Star RM 100'</b>
<b>BASE PRICE:</b>	<b>\$792,399.00</b>	<b>\$760,631.00</b>
<b>MANUFACTURER:</b>	American LaFrance, LLC	Crimson Fire (Public Safety...)

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) and all chapters that are appropriate for a quint apparatus with a special emphasis on Chapters 1, 2, 3, 4, 8, 12, 13, 14, 15, 16, 18, 19, 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 #11 – MEDIUM DUTY RESCUE APPARATUS**

**ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED**

**FREIGHTLINER, INTERNATIONAL OR APPROVED EQUIVALENT**

1. DOCUMENTATION, DELIVERY, TRAINING

- a. When requested by end user, bidders to accurately state wheelbase, cab to axle, overall length, overall height, overall width, GVWR, angle of approach, angle of departure
- b. Approval drawings provided prior to construction commencement
- c. Two (2) sets of operator and service manuals
- d. Delivery to be F.O.B. customer's location
- e. Vehicle orientation as outlined in NFPA 1901
- f. 12 volt and, if applicable, 110 volt testing by independent third party
- g. Vehicle weight, as measured by certified scales

2. COMMERCIAL 2-DOOR CHASSIS

- a. Two wheel drive; minimum 108" cab to axle
- b. 110,000 psi heat treated steel frame rail system
- c. 12,000 pound minimum front axle, suspension, tubeless radial tires, steel disc wheels; 23,000 pound minimum rear axle, suspension, tubeless radial tires, steel disc wheels
- d. Vehicle Data Recorder per Chapter 4.11 with required software
- e. 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.
- f. Tire pressure monitoring system per Chapter 4.13.4
- g. Chrome or stainless steel front bumper
- h. Tow hooks or eyes front and rear attached to the frame
- i. Front and rear mud flaps
- j. S-cam air brakes or equivalent, as large as possible, with automatic slack adjusters
- k. Minimum 13.2 cfm gear driven air compressor
- l. Air dryer, turn drain valves on reservoirs
- m. ABS brakes
- n. Power steering with tilt/telescopic wheel, if available

**3. POWERTRAIN**

- a. Minimum 330 horsepower turbocharged diesel engine
- b. Engine exhaust at front of right rear wheels
- c. Secondary engine braking
- d. Drivelines to meet engine torque rating
- e. Automatic transmission
- f. 50 gallon minimum fuel tank
- g. OEM oil, fuel, transmission filters

**4. 2-DOOR CAB**

- a. Seating for three (3), seats with NFPA compliant seat belts and seat belt warning system
- b. NFPA compliant 12-volt switches and instruments
- c. Air conditioning and heating
- d. Engine compartment light
- e. Dome/step lights meeting NFPA 1901
- f. Single tone cab paint finish with OEM standard paint warranty
- g. Driver remote controlled mirrors with separate flat and convex sections
- h. Dual type headlights
- i. Forward facing turn and warning lights
- j. Minimum two (2) under cab step lights
- k. Cab and compartment door ajar light and buzzer
- l. Engine compartment light
- m. 270 amp alternator
- n. Minimum two (2) 750 CCA batteries
- o. Load manager with automatic high idle function
- p. Dual air horns with dual in-cab controls
- q. 110 volt battery charger receptacle near driver's door

**5. APPARATUS BODY**

- a. Bidders to bid on each of their offered construction types:
  - Extruded aluminum
  - Formed aluminum
- b. Minimum 15' body length (outside length, do not include rear step in 15' calculation of body length) non-walk-in type
- c. Body compartments shall be configured
  - Two (2) transverse compartment(s) forward of rear wheels
  - One (1) transverse compartment over rear axle each side
  - One (1) full depth/full height compartment behind rear axle one each side
  - One (1) full height x as deep as possible compartment on rear of body
- d. Bidder to state compartment sizes
- e. Minimum of 480 cubic feet of use able storage space
- f. Compartment lights per NFPA Chapter 13.10.5
- g. License plate light
- h. One pair of 12-volt rear body upper scene lights per NFPA 1901

**6. EMERGENCY WARNING**

- a. NFPA 1901 upper and lower warning light package

- b. Electronic siren with siren speaker

7. PAINT FINISH

- a. Cab OEM finish and body to be painted matching color
- b. Single tone cab paint finish
- c. Wheels painted to match the cab and body
- d. NFPA 1901 required reflective stripe, on cab and body sides on cab door inner panels, chevron stripe on rear of body

8. WARRANTY

- a. 1 year bumper to bumper mechanical, excluding normal wear and tear items
- b. OEM chassis manufacturer's standard warranty
- c. 10 year paint on body pro-rated



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

**2012 FREIGHTLINER M2-106  
Specification #11  
(Medium Duty Rescue Apparatus - 4x2)**

The Freightliner M2-106, Medium Duty Rescue Apparatus, 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.

<b>MODEL:</b>	<b>Crimson Star MR</b>	<b>FFA 108 MDR Rescue</b>
<b>BASE PRICE:</b>	<b>\$158,867.00</b>	<b>\$163,914.00</b>
<b>BODY:</b>	Extruded Aluminum	Extruded Aluminum
<b>MANUFACTURER:</b>	Crimson Fire (Public Safety...)	Ferrara Fire Apparatus, Inc.

<b>MODEL:</b>	<b>E-ONE REHN</b>	<b>FSA Rescue 11</b>
<b>BASE PRICE:</b>	<b>\$155,999.00</b>	<b>\$178,200.00</b>
<b>BODY:</b>	Extruded Aluminum	Extruded Aluminum
<b>MANUFACTURER:</b>	Hall-Mark Fire Apparatus (E-ONE)	Rosenbauer South Dakota, LLC

<b>MODEL:</b>	<b>Rescue Force FLS11FTLNR</b>
<b>BASE PRICE:</b>	<b>\$157,500.00</b>
<b>BODY:</b>	Extruded Aluminum
<b>MANUFACTURER:</b>	Wheeled Coach Industries, 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) and all chapters that are appropriate for a special service vehicle with a special emphasis on Chapters 1, 2, 3, 4, 10, 12, 13, 14, 15, 25 (if applicable), 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**

**2012 INTERNATIONAL DURASTAR  
Specification #11  
(Medium Duty Rescue Apparatus - 4x2)**

The International Durastar, Medium Duty Rescue Apparatus, 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.

<b>MODEL:</b>	<b>Crimson Star MR</b>	<b>FFA 108 MDR Rescue</b>
<b>BASE PRICE:</b>	<b>\$162,549.00</b>	<b>\$162,379.00</b>
<b>BODY:</b>	Extruded Aluminum	Extruded Aluminum
<b>MANUFACTURER:</b>	Crimson Fire (Public Safety...)	Ferrara Fire Apparatus, Inc.

<b>MODEL:</b>	<b>E-ONE REHN</b>	<b>FSA Rescue 11</b>
<b>BASE PRICE:</b>	<b>\$160,899.00</b>	<b>\$179,018.00</b>
<b>BODY:</b>	Extruded Aluminum	Extruded Aluminum
<b>MANUFACTURER:</b>	Hall-Mark Fire Apparatus (E-ONE)	Rosenbauer South Dakota, LLC

<b>MODEL:</b>	<b>Rescue Force FLS11INTL</b>
<b>BASE PRICE:</b>	<b>\$167,500.00</b>
<b>BODY:</b>	Extruded Aluminum
<b>MANUFACTURER:</b>	Wheeled Coach Industries, 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) and all chapters that are appropriate for a special service vehicle with a special emphasis on Chapters 1, 2, 3, 4, 10, 12, 13, 14, 15, 25 (if applicable), 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**

### **2012 FREIGHTLINER M2-106 Specification #11 (Medium Duty Rescue Apparatus - 4x2)**

The Freightliner M2-106, Medium Duty Rescue Apparatus, 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.

<b>MODEL:</b>	<b>American LaFrance 16' W/AR</b>	<b>KME FL11MDR</b>
<b>BASE PRICE:</b>	<b>\$170,316.00</b>	<b>\$169,404.00</b>
<b>BODY:</b>	Formed Aluminum	Formed Aluminum
<b>MANUFACTURER:</b>	American LaFrance, LLC	Kovatch Mobile Equip. Corp. (KME)
<b>MODEL:</b>	<b>Pierce MDR</b>	<b>FSA Rescue 11</b>
<b>BASE PRICE:</b>	<b>\$165,411.00</b>	<b>\$154,442.00</b>
<b>BODY:</b>	Formed Aluminum	Formed Aluminum
<b>MANUFACTURER:</b>	Pierce Manufacturing, Inc.	Rosenbauer South Dakota, LLC
<b>MODEL:</b>	<b>Toyne Medium Rescue</b>	
<b>BASE PRICE:</b>	<b>\$198,600.00</b>	
<b>BODY:</b>	Formed Aluminum	
<b>MANUFACTURER:</b>	Toyne, Inc. (Southeastern...)	

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) and all chapters that are appropriate for a special service vehicle with a special emphasis on Chapters 1, 2, 3, 4, 10, 12, 13, 14, 15, 25 (if applicable), 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**

### **2012 INTERNATIONAL DURASTAR Specification #11 (Medium Duty Rescue Apparatus - 4x2)**

The International Durastar, Medium Duty Rescue Apparatus, 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.

<b>MODEL:</b>	<b>American LaFrance 16' W/AR</b>	<b>KME FL11MDR</b>
<b>BASE PRICE:</b>	<b>\$176,390.00</b>	<b>\$165,607.00</b>
<b>BODY:</b>	Formed Aluminum	Formed Aluminum
<b>MANUFACTURER:</b>	American LaFrance, LLC	Kovatch Mobile Equip. Corp. (KME)
<b>MODEL:</b>	<b>Pierce MDR</b>	<b>FSA Rescue 11</b>
<b>BASE PRICE:</b>	<b>\$174,065.00</b>	<b>\$155,259.00</b>
<b>BODY:</b>	Formed Aluminum	Formed Aluminum
<b>MANUFACTURER:</b>	Pierce Manufacturing, Inc.	Rosenbauer South Dakota, LLC
<b>MODEL:</b>	<b>Sutphen CR Series Rescue</b>	<b>Toyne Medium Rescue</b>
<b>BASE PRICE:</b>	<b>\$258,980.00</b>	<b>\$204,300.00</b>
<b>BODY:</b>	Formed Aluminum	Formed Aluminum
<b>MANUFACTURER:</b>	Sutphen Corporation	Toyne, Inc. (Southeastern...)

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) and all chapters that are appropriate for a special service vehicle with a special emphasis on Chapters 1, 2, 3, 4, 10, 12, 13, 14, 15, 25 (if applicable), 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 #12 – HEAVY RESCUE APPARATUS**

**ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED**

**THE CAB AND CHASSIS SHALL BE PROVIDED BY THE BODY MANUFACTURER**

#### **1. DOCUMENTATION, DELIVERY, TRAINING**

- a. When requested by end user, bidders to accurately state wheelbase, cab to axle, overall length, bumper swing turn radius, curb-to-curb turning radius, overall height, overall width, GVWR, angle of approach, angle of departure and SCAAN certification for drivetrain compatibility in submitted specifications
- b. Approval drawings provided prior to construction commencement
- c. Two (2) sets of operator and service manuals
- d. Delivery to be F.O.B. customer's location
- e. Vehicle orientation as outlined in NFPA 1901
- f. Pump test certification (if applicable) by independent third party
- g. Water tank capacity (if applicable) certification
- h. 12 volt and, if applicable, 110 volt testing by independent third party
- i. Vehicle weight, as measured by certified scales

#### **2. CHASSIS**

- a. 110,000 psi heat treated steel frame rail with full length inner 110,000 psi C-channel liner
- b. 10 gauge polished stainless steel 16" to 24" extended front bumper with aluminum diamond plate gravel shield
- c. Tow hooks or eyes front and rear attached to the frame
- d. 18,000 pound minimum front axle, suspension, tubeless radial tires, steel disc wheels
- e. 24,000 pound minimum rear axle, suspension, tubeless radial tires, steel disc wheels
- f. Front and rear mud flaps
- g. NFPA 1901 Chapter 4.15.3 top speed rating requirement
- h. S-cam air brakes, as large as possible, with automatic slack adjusters
- i. Manufacturer's standard 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, or model to have been tilt table tested and certified per Chapter 4.13.1.1.1
- p. Tire pressure monitoring system with Chapter 4.13.4

**3. POWERTRAIN**

- a. Minimum 350 horsepower turbocharged diesel engine with 1000 ft. lb. torque rating
- b. Minimum EVS 3000 transmission
- c. Engine exhaust at front of right rear wheels
- d. Secondary braking to meet NFPA
- e. Engine manufacturer's statement of engine installation approval with approved cooling system
- f. Drivelines to meet engine torque rating
- g. Silicone coolant hoses with constant torque clamps
- h. 50 gallon minimum fuel tank
- i. OEM oil, fuel, transmission filters

**4. CAB**

- a. Medium length tilt aluminum cab meeting NFPA 1901 Chapter 14.3.2
- b. Seating for four, three 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 with manual back-up
- 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
- j. Forward facing turn and warning lights
- k. 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. Alternator sized according to amp draw report
- r. Minimum four (4) 750 CCA batteries
- s. Load manager with automatic high idle function
- t. Dual air horns with dual in-cab controls

**5. APPARATUS BODY**

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

- b. Minimum 18' body length (outside body length, do not include rear step in 18' body length calculation) non-walk-in type body
  - c. Body compartments shall be configured
    - Two (2) transverse compartment(s) forward of rear wheels
    - One (1) transverse compartment over rear axle each side
    - One (1) full depth/full height compartment behind rear axle one each side
    - One (1) full height x as deep as possible compartment on rear of body
  - d. Bidder to state compartment sizes
  - e. Minimum of 520 cubic feet of use able storage space
  - f. Compartment lights per NFPA Chapter 13.10.5
  - g. License plate light
  - h. One pair of 12-volt rear body upper scene lights per NFPA 1901
  - i. Two (2) 12-volt upper side body scene lights per side (4 lights total)
  - j. Minimum 10" rear step for access for rear storage compartment, step surface to meet NFPA 1901 requirements for slip-resistance, with NFPA compliant handrails
6. EMERGENCY WARNING
- a. NFPA Zone A lower and upper level lighting
  - b. NFPA Zone B / D lower level lighting
  - c. NFPA Zone C upper and lower level lighting
  - d. Electronic 200 watt siren/PA with minimum 100 watt speaker recessed in bumper
7. PAINT FINISH
- a. Cab and body to be painted single tone
  - b. Wheels painted to match the cab and body
  - c. Minimum 4" reflective stripe on cab and body, chevron striping on rear of body per NFPA 1901
8. 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. Manufacturer's standard warranty for front and rear axle
  - g. 5 year engine
  - h. Manufacturer's standard 5 year warranty for transmission
  - i. 2 year fire pump (if applicable)
  - j. Lifetime booster tank (if applicable)



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

**2012 HEAVY RESCUE APPARATUS  
Specification #12  
(Extruded Aluminum Body)**

The Heavy Rescue Apparatus, 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.

<b>MODEL:</b>	<b>Crimson Star HR</b>	<b>Igniter XD XMPD</b>
<b>BASE PRICE:</b>	<b>\$237,303.00</b>	<b>\$271,243.00</b>
<b>MANUFACTURER:</b>	Crimson Fire (Public Safety...)	Ferrara Fire Apparatus, Inc.

<b>MODEL:</b>	<b>Intruder MFDXL</b>	<b>E-ONE REHN Typhoon</b>
<b>BASE PRICE:</b>	<b>\$235,984.00</b>	<b>\$244,925.00</b>
<b>MANUFACTURER:</b>	Ferrara Fire Apparatus, Inc.	Hall-Mark Fire Apparatus (E-ONE)

<b>MODEL:</b>	<b>Spartan Force</b>
<b>BASE PRICE:</b>	<b>\$247,658.00</b>
<b>MANUFACTURER:</b>	Rosenbauer South Dakota, LLC

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) and all chapters that are appropriate for a special service vehicle with a special emphasis on Chapters 1, 2, 3, 4, 10, 12, 13, 14, 15, 25 (if applicable), 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**

### **2012 HEAVY RESCUE APPARATUS Specification #12 (Formed Aluminum Body)**

The Heavy Rescue Apparatus, 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.

<b>MODEL:</b>	<b>American LaFrance 18' W/ACR</b>	<b>KME Predator FL12HDR</b>
<b>BASE PRICE:</b>	<b>\$273,887.00</b>	<b>\$267,534.00</b>
<b>MANUFACTURER:</b>	American LaFrance, LLC	Kovatch Mobile Equip. Corp. (KME)
<b>MODEL:</b>	<b>Pierce Saber HDR</b>	<b>Spartan Force</b>
<b>BASE PRICE:</b>	<b>\$272,561.00</b>	<b>\$229,727.00</b>
<b>MANUFACTURER:</b>	Pierce Manufacturing, Inc.	Rosenbauer South Dakota, LLC
<b>MODEL:</b>	<b>Sutphen R Series</b>	<b>Spartan Heavy Rescue</b>
<b>BASE PRICE:</b>	<b>\$355,247.00</b>	<b>\$274,000.00</b>
<b>MANUFACTURER:</b>	Sutphen Corporation	Toyne, Inc. (Southeastern...)

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) and all chapters that are appropriate for a special service vehicle with a special emphasis on Chapters 1, 2, 3, 4, 10, 12, 13, 14, 15, 25 (if applicable), 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 #13 – 2500 GALLON MOBILE WATER SUPPLY FIRE APPARATUS**

**ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED**

**FREIGHTLINER, INTERNATIONAL OR APPROVED EQUIVALENT**

1. DOCUMENTATION, DELIVERY, TRAINING

- a. When requested by end user, bidders to accurately state wheelbase, cab to axle, overall length, bumper swing turn radius, curb-to-curb turning radius, overall height, overall width, GVWR, angle of approach, angle of departure in submitted specifications
- b. Approval drawings provided prior to construction commencement
- c. Two (2) sets of operator and service manuals
- d. Delivery to be F.O.B. customer's location
- e. Pump test certification by independent third party
- f. Water tank capacity certification
- g. 12 volt and, if applicable, 110 volt testing by independent third party
- h. Vehicle weight, as measured by certified scales

2. COMMERCIAL 2-DOOR CHASSIS

- a. Two wheel drive
- b. Upgraded electrical system for emergency vehicle use to include a minimum of two batteries, minimum alternator(s) output of 220 amps.
- c. 110,000 psi heat treated steel frame with full length inner C-channel liner
- d. 16,000 pound minimum front axle, suspension, tubeless radial tires, steel disc wheels; 44,000 pound minimum rear tandem axle, suspension, tubeless radial tires, steel disc wheels
- e. Vehicle Data Recorder per Chapter 4.11 with required software
- f. 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.
- g. Tire pressure monitoring system per Chapter 4.13.4
- h. Chrome or stainless steel front bumper
- i. Tow hooks or eyes front and rear attached to the frame
- j. Front and rear mud flaps

- k. S-cam air brakes, as large as possible, with automatic slack adjusters
- l. Minimum 13.2 cfm gear driven air compressor
- m. Air dryer, turn drain valves on reservoirs
- n. ABS brakes
- o. Power steering with tilt/telescopic wheel, if available

**3. POWERTRAIN**

- a. Minimum 330 horsepower turbocharged diesel engine
- b. Engine exhaust at front of right rear wheels
- c. Secondary engine braking to meet NFPA
- d. Drivelines to meet engine torque rating
- e. Automatic transmission
- f. 50 gallon minimum fuel tank
- g. OEM oil, fuel, transmission filters

**4. 2-DOOR CAB**

- a. Seating for two (2) – bucket style vinyl seats with NFPA compliant seat belts and seat belt warning system
- b. NFPA compliant 12-volt switches and instruments
- c. Air conditioning and heating
- d. Engine compartment light
- e. Dome/step lights meeting NFPA 1901
- f. Single tone cab paint finish with OEM standard paint warranty
- g. Driver remote controlled mirrors with separate flat and convex sections
- h. Dual type headlights
- i. Forward facing turn and warning lights
- j. Minimum two (2) under cab step lights
- k. Cab and compartment door ajar light and buzzer
- l. Engine compartment light
- m. 270 amp alternator
- n. Minimum two (2) 750 CCA batteries
- o. Load manager with automatic high idle function
- p. Dual air horns with dual in-cab controls
- q. 110 volt battery charger receptacle near driver's door

**5. FIRE PUMP & PLUMBING**

- a. Minimum 500 gpm midship mounted PTO pump per NFPA 1901 Chapter 16
- b. Discharge pressure relief valve
- c. Intake pressure relief valve
- d. Master drain valve
- e. Electric dry type primer
- f. Pump panel lights, 3 each side
- g. Pump compartment light
- h. OK to pump lights in cab and at pump panel
- i. Engine cooler
- j. Pump cooler
- k. One (1) 4.5" minimum steamer, on left side panel
- l. 2.5" left side gated suction



- m. 2-1/2" tank fill pump to tank fill
- n. Two 2.5" direct gated external tank fills
- o. Two 2" crosslay hose beds over the pump compartment
- p. One 2.5" left side discharge
- q. One 2.5" right side discharge
- r. Stainless steel piping with 10 year warranty
- s. Panel gauge package: water tank level, tach, oil pressure, water temperature, voltmeter, light and alarm system
- t. Side mount pump panel with gauges and all pump controls on driver side pump panel
- u. 2500 gallon polypropylene booster tank with lifetime warranty
- v. 3" tank to pump connection
- w. Minimum 10" x 8" fill tower with minimum 4" overflow tube
- x. 10" Square tank dump valve with manual control with 3-way dump capability

**6. APPARATUS BODY**

- a. Bidders to bid on each of their offered construction types:
  - Extruded aluminum
  - Formed aluminum
  - Formed galvanized steel
  - Formed stainless steel
- b. Bidders to state thicknesses, alloys and construction methods of all materials used in body construction
- c. Hard suction rack for two (2) lengths 10" x 4.5" minimum of hard suction
- d. Compartments: low side compartments both sides of body forward of and behind rear wheels; bidders to accurately state the total cubic footage of compartment space, along with each compartment size
- e. Lights in compartments to meet NFPA 1901 Chapter 13.10.5
- f. Back up alarm
- g. Hose bed with hose restraints to be NFPA compliant; including one (1) adjustable divider
- h. Steps and handrails for climbing from ground to hose bed – bidders to state exact design
- i. Lights at each step
- j. Stop/turn/back up lights
- k. DOT clearance and marker lights
- l. License plate light
- m. Rear deck lights
- n. Rub rail along each side of body and rear of body
- o. Running boards at each pump panel
- p. Brushed stainless steel or black non-glare aluminum pump panels
- q. Hose bed lighting must be provided per NFPA 1901 Chapter 13.10.2

**7. EMERGENCY WARNING**

- a. NFPA Zone A lower and upper level lighting
- b. NFPA Zone B / D lower level lighting
- c. NFPA Zone C upper and lower level lighting
- d. Electronic 200 watt siren/PA with minimum 100 watt speaker recessed in bumper

8. PAINT FINISH

- a. Body to be painted single tone with 10 year pro-rated paint and corrosion perforation warranty
- b. Wheels painted to match the cab and body
- c. Cab paint to be covered by cab manufacturer's paint warranty

9. WARRANTY

- a. 1 year bumper to bumper mechanical, excluding normal wear and tear items
- b. 10 year body structural
- c. 10 year paint pro-rated on body
- d. 10 year corrosion perforation on body
- e. OEM Chassis manufacturer's standard warranty
- f. 5 year fire pump warranty
- g. Lifetime warranty on water tank



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

### **2012 FREIGHTLINER M2-106 Specification #13 (2500 Gallon Mobile Water Supply Fire Apparatus)**

The Freightliner M2-106, 2500 Gallon Mobile Water Supply Fire Apparatus, 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.

<b>MODEL:</b>	<b>Crimson Star Tanker</b>	<b>FFA T2500 Tanker</b>
<b>BASE PRICE:</b>	<b>\$212,368.00</b>	<b>\$249,330.00</b>
<b>BODY:</b>	Extruded Aluminum	Extruded Aluminum
<b>MANUFACTURER:</b>	Crimson Fire (Public Safety...)	Ferrara Fire Apparatus, Inc.

<b>MODEL:</b>	<b>E-ONE TTSA</b>
<b>BASE PRICE:</b>	<b>\$207,330.00</b>
<b>BODY:</b>	Extruded Aluminum
<b>MANUFACTURER:</b>	Hall-Mark Fire Apparatus (E-ONE)

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 mobile water supply Chapter 7, 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**

**2012 INTERNATIONAL WORKSTAR  
Specification #13  
(2500 Gallon Mobile Water Supply Fire Apparatus)**

The International Workstar, 2500 Gallon Mobile Water Supply Fire Apparatus, 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.

<b>MODEL:</b>	<b>Crimson Star Tanker</b>	<b>FFA T2500 Tanker</b>
<b>BASE PRICE:</b>	<b>\$211,764.00</b>	<b>\$247,484.00</b>
<b>BODY:</b>	Extruded Aluminum	Extruded Aluminum
<b>MANUFACTURER:</b>	Crimson Fire (Public Safety...)	Ferrara Fire Apparatus, Inc.

<b>MODEL:</b>	<b>E-ONE TTSA</b>
<b>BASE PRICE:</b>	<b>\$210,127.00</b>
<b>BODY:</b>	Extruded Aluminum
<b>MANUFACTURER:</b>	Hall-Mark Fire Apparatus (E-ONE)

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 mobile water supply Chapter 7, 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**

**2012 FREIGHTLINER M2-106  
Specification #13  
(2500 Gallon Mobile Water Supply Fire Apparatus)**

The Freightliner M2-106, 2500 Gallon Mobile Water Supply Fire Apparatus, 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.

<b>MODEL:</b>	<b>American LaFrance T/A Tanker</b>	<b>KME Flatback FL132500</b>
<b>BASE PRICE:</b>	<b>\$255,828.00</b>	<b>\$236,125.00</b>
<b>BODY:</b>	Formed Aluminum	Formed Aluminum
<b>MANUFACTURER:</b>	American LaFrance, LLC	Kovatch Mobile Equip. Corp. (KME)
<b>MODEL:</b>	<b>Pierce Contender Series</b>	<b>FSA Tanker 13</b>
<b>BASE PRICE:</b>	<b>\$206,391.00</b>	<b>\$203,365.00</b>
<b>BODY:</b>	Formed Aluminum	Formed Aluminum
<b>MANUFACTURER:</b>	Pierce Manufacturing, Inc.	Rosenbauer South Dakota, LLC
<b>MODEL:</b>	<b>Toyne FFCSA-2500</b>	
<b>BASE PRICE:</b>	<b>\$233,500.00</b>	
<b>BODY:</b>	Formed Aluminum	
<b>MANUFACTURER:</b>	Toyne, Inc. (Southeastern...)	

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 mobile water supply Chapter 7, 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**

**2012 INTERNATIONAL WORKSTAR  
Specification #13  
(2500 Gallon Mobile Water Supply Fire Apparatus)**

The International Workstar, 2500 Gallon Mobile Water Supply Fire Apparatus, 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.

<b>MODEL:</b>	<b>American LaFrance T/A Tanker</b>	<b>KME Flatback FL132500</b>
<b>BASE PRICE:</b>	<b>\$280,281.00</b>	<b>\$231,803.00</b>
<b>BODY:</b>	Formed Aluminum	Formed Aluminum
<b>MANUFACTURER:</b>	American LaFrance, LLC	Kovatch Mobile Equip. Corp. (KME)
<b>MODEL:</b>	<b>Pierce Contender Series</b>	<b>FSA Tanker 13</b>
<b>BASE PRICE:</b>	<b>\$211,598.00</b>	<b>\$207,103.00</b>
<b>BODY:</b>	Formed Aluminum	Formed Aluminum
<b>MANUFACTURER:</b>	Pierce Manufacturing, Inc.	Rosenbauer South Dakota, LLC
<b>MODEL:</b>	<b>Toyne FFCSA-2500</b>	
<b>BASE PRICE:</b>	<b>\$237,250.00</b>	
<b>BODY:</b>	Formed Aluminum	
<b>MANUFACTURER:</b>	Toyne, Inc. (Southeastern...)	

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 mobile water supply Chapter 7, 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**

### **2012 FREIGHTLINER M2-106 Specification #13 (2500 Gallon Mobile Water Supply Fire Apparatus)**

The Freightliner M2-106, 2500 Gallon Mobile Water Supply Fire Apparatus, 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.

**MODEL:** KME Flatback FL132500  
**BASE PRICE:** \$227,000.00  
**BODY:** Formed Gavanneal Steel  
**MANUFACTURER:** Kovatch Mobile Equip. Corp. (KME)

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 mobile water supply Chapter 7, 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**

### **2012 INTERNATIONAL WORKSTAR Specification #13 (2500 Gallon Mobile Water Supply Fire Apparatus)**

The International Workstar, 2500 Gallon Mobile Water Supply Fire Apparatus, 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.

**MODEL:** KME Flatback FL132500  
**BASE PRICE:** \$222,681.00  
**BODY:** Formed Gavanneal Steel  
**MANUFACTURER:** Kovatch Mobile Equip. Corp. (KME)

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 mobile water supply Chapter 7, 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**

**2012 FREIGHTLINER M2-106  
Specification #13  
(2500 Gallon Mobile Water Supply Fire Apparatus)**

The Freightliner M2-106, 2500 Gallon Mobile Water Supply Fire Apparatus, 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.

<b>MODEL:</b>	<b>Crimson Star Tanker</b>	<b>KME Flatback FL132500</b>
<b>BASE PRICE:</b>	<b>\$217,103.00</b>	<b>\$243,952.00</b>
<b>BODY:</b>	Formed Stainless Steel	Formed Stainless Steel
<b>MANUFACTURER:</b>	Crimson Fire (Public Safety...)	Kovatch Mobile Equip. Corp. (KME)
<b>MODEL:</b>	<b>Toyne FFCSA-2500</b>	
<b>BASE PRICE:</b>	<b>\$240,200.00</b>	
<b>BODY:</b>	Formed Stainless Steel	
<b>MANUFACTURER:</b>	Toyne, Inc. (Southeastern...)	

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 mobile water supply Chapter 7, 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**

**2012 INTERNATIONAL WORKSTAR  
Specification #13  
(2500 Gallon Mobile Water Supply Fire Apparatus)**

The International Workstar, 2500 Gallon Mobile Water Supply Fire Apparatus, 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.

<b>MODEL:</b>	<b>Crimson Star Tanker</b>	<b>KME Flatback FL132500</b>
<b>BASE PRICE:</b>	<b>\$214,970.00</b>	<b>\$239,636.00</b>
<b>BODY:</b>	Formed Stainless Steel	Formed Stainless Steel
<b>MANUFACTURER:</b>	Crimson Fire (Public Safety...)	Kovatch Mobile Equip. Corp. (KME)
<b>MODEL:</b>	<b>Sutphen CTS-2500 Tanker</b>	<b>Toyne FFCSA-2500</b>
<b>BASE PRICE:</b>	<b>\$283,629.00</b>	<b>\$246,500.00</b>
<b>BODY:</b>	Formed Stainless Steel	Formed Stainless Steel
<b>MANUFACTURER:</b>	<b>Sutphen Cororation</b>	Toyne, Inc. (Southeastern...)

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 mobile water supply Chapter 7, 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 #14 – WILDLAND FIRE APPARATUS**

**ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED**

**FORD, DODGE, INTERNATIONAL OR APPROVED EQUIVALENT**

1. DOCUMENTATION, DELIVERY, TRAINING

- a. When requested by end user, bidders to accurately state wheelbase, cab to axle, overall length, bumper swing turn radius, curb-to-curb turning radius, overall height, overall width, GVWR, angle of approach, angle of departure in submitted specification
- b. Approval drawings provided prior to construction commencement
- c. Two (2) sets of operator and service manuals
- d. Delivery to be F.O.B. customer's location
- e. Vehicle weight measured by certified scale

2. COMMERCIAL 2-DOOR CHASSIS

- a. Cab to axle – 60"
- b. GVWR – 19,000 lbs
- c. Heavy service suspension
- d. Turbo diesel engine with heavy duty cooling
- e. Manufacturer's standard front and rear axles
- f. Power steering
- g. Tires – all season with steel wheels
- h. Alternator(s) meeting 12-volt system requirements
- i. Battery system to meet 12-volt system requirements
- j. Fuel tank – minimum 40 gallon
- k. Front tow hooks

3. POWER TRAIN

- a. Diesel engine
- b. Automatic transmission
- c. OEM fuel tank, largest available

- d. Limited slip differential, if available as standard equipment

4. 2-DOOR CAB

- a. Seating for three (3) – full width vinyl bench seat
- b. Single tone cab paint finish with OEM standard paint warranty
- c. Air conditioning and heating
- d. Mirrors with separate flat and convex sections – extended trailer towing mirrors
- e. Dual type headlights
- f. Forward facing turn and warning lights
- g. Minimum two (2) under cab step lights
- h. Engine compartment light
- i. Slip resistant running boards under cab doors per NFPA 1906

5. FIRE PUMP & PLUMBING

- a. Minimum 18 HP gasoline engine driven pump (NFPA 1906) with electric start capable of 150 gpm @ 100 psi
- b. Primer
- c. Lighted pump control panel
- d. Throttle
- e. Pump cooler or recirculation line
- f. 2-1/2" suction gated for drafting
- g. 1" tank fill
- h. One 1-1/2" discharge
- i. One 1" discharge
- j. Gauge package: Sight type water tank level in booster tank, single master pressure gauge
- k. 300 gallon skid type polypropylene booster tank with lifetime warranty
- l. 2 1/2" tank to pump connection
- m. Minimum 8" square fill tower with minimum 4" overflow tube
- n. Electric rewind hose reel with 1 50 ft. of 1" red rubber booster hose

6. APPARATUS BODY

- a. Extruded aluminum all welded body with bolt on modular aluminum diamond plate compartments, two (2) per side
- b. Bidders to state thickness, alloys and construction methods of all materials used in body construction
- c. Bidders to accurately state the total cubic footage of compartment space, along with each compartment size
- d. One (1) light in each compartment
- e. Backup alarm
- f. Stirrup type step for climbing from ground to flat bed – bidders to state exact design
- g. Lights at each step
- h. Stop/turn/backup lights
- i. DOT clearance and marker lights
- j. License plate light
- k. Rear deck lights
- l. No wood used in mounting

7. EMERGENCY WARNING

- a. Fully compliant with NFPA 1906, Wildland Fire Apparatus
- b. Electronic 200 watt siren/PA with minimum 100 watt speaker

8. PAINT FINISH

- a. Apparatus body left unpainted

9. WARRANTY

- a. One (1) year bumper to bumper mechanical, excluding normal wear and and tear items
- b. OEM Chassis manufacturer's standard warranty



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

### **2012 FORD F-550 Specification #14 (Wildland Fire Apparatus)**

The Ford F-550, Wildland Fire Apparatus, 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.

<b>MODEL:</b>	<b>Wildland Brush</b>	<b>Wildland Brush</b>
<b>BASE PRICE:</b>	<b>\$85,970.00</b>	<b>\$99,060.00</b>
<b>MANUFACTURER:</b>	American LaFrance, LLC	Ferrara Fire Apparatus, Inc.
<b>MODEL:</b>	<b>Wildland</b>	<b>KME Wildland FL14WFA</b>
<b>BASE PRICE:</b>	<b>\$84,586.00</b>	<b>\$100,597.00</b>
<b>MANUFACTURER:</b>	Hall-Mark Fire Apparatus (E-ONE)	Kovatch Mobile Equip. Corp. (KME)
<b>MODEL:</b>	<b>Pierce F550 Wildland</b>	<b>Wildland Brush</b>
<b>BASE PRICE:</b>	<b>\$88,067.00</b>	<b>\$93,300.00</b>
<b>MANUFACTURER:</b>	Pierce Manufacturing, Inc.	Toyne, Inc. (Southeastern...)

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 1906, 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**

**2012 DODGE RAM 5500  
Specification #14  
(Wildland Fire Apparatus)**

The Dodge Ram 5500, Wildland Fire Apparatus, 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.

<b>MODEL:</b>	<b>Wildland Brush</b>	<b>Wildland Brush</b>
<b>BASE PRICE:</b>	<b>\$89,020.00</b>	<b>\$102,589.00</b>
<b>MANUFACTURER:</b>	American LaFrance, LLC	Ferrara Fire Apparatus, Inc.

<b>MODEL:</b>	<b>Wildland</b>	<b>KME Wildland FL14WFA</b>
<b>BASE PRICE:</b>	<b>\$85,661.00</b>	<b>\$100,071.00</b>
<b>MANUFACTURER:</b>	Hall-Mark Fire Apparatus (E-ONE)	Kovatch Mobile Equip. Corp. (KME)

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 1906, 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**

### **2012 INTERNATIONAL DURASTAR 4300M7 Specification #14 (Wildland Fire Apparatus)**

The International Durastar 4300M7, Wildland Fire Apparatus, 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.

<b>MODEL:</b>	<b>Wildland Brush</b>	<b>KME Wildland FL14WFA</b>
<b>BASE PRICE:</b>	<b>\$95,594.00</b>	<b>\$131,480.00</b>
<b>MANUFACTURER:</b>	American LaFrance, LLC	Kovatch Mobile Equip. Corp. (KME)
<b>MODEL:</b>	<b>Wildland Brush</b>	
<b>BASE PRICE:</b>	<b>\$134,700.00</b>	
<b>MANUFACTURER:</b>	Toyne, Inc. (Southeastern...)	

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 1906, 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 – COMMERCIAL PUMPER**

**ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED**

**FREIGHTLINER, INTERNATIONAL OR APPROVED EQUIVALENT**

1. COMMERCIAL 2-DOOR CHASSIS

- a. Two wheel drive
- b. 110,000 psi heat treated steel frame rail system
- c. 12,000 pound minimum front axle, suspension, tubeless radial tires, steel disc wheels; 23,000 pound minimum rear axle, suspension, tubeless radial tires, steel disc wheels
- d. Vehicle Data Recorder per Chapter 4.11 with required software
- e. 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.
- f. Tire pressure monitoring system per Chapter 4.13.4
- g. Chrome or stainless steel front bumper
- h. Tow hooks or eyes front and rear attached to the frame
- i. Front and rear mud flaps
- j. S-cam air brakes or equivalent, as large as possible, with automatic slack adjusters
- k. Minimum 13.2 cfm gear driven air compressor
- l. Air dryer, turn drain valves on reservoirs
- m. ABS brakes
- n. Power steering with tilt/telescopic wheel, if available

2. POWERTRAIN

- a. Minimum 330 horsepower turbocharged diesel engine, 850 lb. torque rating, minimum
- b. Engine exhaust at front of right rear wheels
- c. Secondary engine braking
- d. Drivelines to meet engine torque rating
- e. Automatic transmission
- f. 50 gallon minimum fuel tank
- g. OEM oil, fuel, transmission filters

**3. 2-DOOR CAB**

- a. Seating for two (2) – bucket style vinyl seats with NFPA compliant seat belts and seat belt warning system
- b. Console between seats for storage of radios, 12-volt switches, and maps/notebooks
- c. Air conditioning and heating
- d. Engine compartment light
- e. Dome/step lights meeting NFPA 1901
- f. Single tone cab paint finish with OEM standard paint warranty
- g. Driver remote controlled mirrors with separate flat and convex sections
- h. Dual type headlights
- i. Forward facing turn and warning lights
- j. Minimum two (2) under cab step lights
- k. Cab and compartment door ajar light and buzzer
- l. Engine compartment light
- m. 270 amp alternator
- n. Minimum two (2) 750 CCA batteries
- o. Load manager with automatic high idle function
- p. Dual air horns with dual in-cab controls
- q. Receptacle near driver's door with onboard battery charger

**4. LIGHTS AND SIRENS**

- a. NFPA compliant warning lighting package – manufacturer's standard package
- b. Electronic 200 watt siren/PA with minimum 100 watt speaker recessed in bumper

**5. BODY**

- a. Bidders to bid on each of their offered construction types:
  - Extruded aluminum
  - Formed aluminum
  - Formed galvanized steel
  - Formed stainless steel
- b. Bidders to state thicknesses, alloys and construction methods of all materials used in body construction
- c. Minimum of 3 compartments driver side of body, full height compartments
- d. Minimum of 2 low side compartments right side of body
- 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. Right side brackets for 24' 2-section, 14' roof, 10' attic ladders and 2 pike poles, ladders to be included
- 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. Stop/turn/back up lights
- m. DOT clearance and marker lights
- n. License plate light
- o. Two (2) rear deck lights
- p. Rub rail along each side of body and rear of body
- q. Running boards at each pump panel

- r. Brushed stainless steel or black non-glare 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

**6. PUMP**

- a. 1250 gpm drive shaft driven split shaft pump 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 2" tank fill line
- j. 30 degrees turn downs
- k. Anti-vibration gauges
- l. Color coded pump panel tags
- m. Stainless steel plumbing with 10-year warranty
- n. Side mount pump panel with all pump controls, instruments, and gauges located on the driver side pump panel (not in a compartment)
- o. 15 ft. of soft suction hose sized for capacity of fire pump

**7. WATER TANK**

- a. 750-gallon T-type 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 per request

**9. WARRANTY**

- a. 1 year bumper to bumper mechanical, excluding normal wear and tear items
- b. 10 year body structural
- c. 10 year paint pro-rated on body
- d. 10 year corrosion perforation on body
- e. OEM Chassis manufacturer's standard warranty
- f. 5 year fire pump warranty
- g. Lifetime tank warranty



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

**2012 FREIGHTLINER M2  
Specification #15  
(Commercial Pumper - 2 Door)**

The Freightliner M2, Commercial 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.

<b>MODEL:</b>	<b>Crimson Star Pumper</b>	<b>FFA RP751 Pumper</b>
<b>BASE PRICE:</b>	<b>\$198,057.00</b>	<b>\$208,373.00</b>
<b>BODY:</b>	Extruded Aluminum	Extruded Aluminum
<b>MANUFACTURER:</b>	Crimson Fire (Public Safety...)	Ferrara Fire Apparatus, Inc.

<b>MODEL:</b>	<b>E-ONE TDPM</b>	<b>FSA Pumper 13</b>
<b>BASE PRICE:</b>	<b>\$170,517.00</b>	<b>\$208,768.00</b>
<b>BODY:</b>	Extruded Aluminum	Extruded Aluminum
<b>MANUFACTURER:</b>	Hall-Mark Fire Apparatus (E-ONE)	Rosenbauer South Dakota, LLC

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**

**2012 INTERNATIONAL DURASTAR  
Specification #15  
(Commercial Pumper - 2 Door)**

The International Durastar, Commercial 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.

<b>MODEL:</b>	<b>Crimson Star Pumper</b>	<b>FFA RP751 Pumper</b>
<b>BASE PRICE:</b>	<b>\$197,690.00</b>	<b>\$206,838.00</b>
<b>BODY:</b>	Extruded Aluminum	Extruded Aluminum
<b>MANUFACTURER:</b>	Crimson Fire (Public Safety...)	Ferrara Fire Apparatus, Inc.
<b>MODEL:</b>	<b>E-ONE TDPM</b>	<b>FSA Pumper 13</b>
<b>BASE PRICE:</b>	<b>\$176,125.00</b>	<b>\$210,876.00</b>
<b>BODY:</b>	Extruded Aluminum	Extruded Aluminum
<b>MANUFACTURER:</b>	Hall-Mark Fire Apparatus (E-ONE)	Rosenbauer South Dakota, LLC
<b>MODEL:</b>	<b>Sutphen C1 Pumper</b>	
<b>BASE PRICE:</b>	<b>\$216,792.00</b>	
<b>BODY:</b>	Extruded Aluminum	
<b>MANUFACTURER:</b>	<b>Sutphen Corporation</b>	

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**

### **2012 FREIGHTLINER M2 Specification #15 (Commercial Pumper - 2 Door)**

The Freightliner M2, Commercial 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.

<b>MODEL:</b>	<b>American LaFrance S/M Pumper</b>	<b>Crimson Star Pumper</b>
<b>BASE PRICE:</b>	<b>\$212,670.00</b>	<b>\$188,773.00</b>
<b>BODY:</b>	Formed Aluminum	Formed Aluminum
<b>MANUFACTURER:</b>	American LaFrance, LLC	Crimson Fire (Public Safety...)
<b>MODEL:</b>	<b>KME Challenger FL15COML</b>	<b>Pierce Contender Series</b>
<b>BASE PRICE:</b>	<b>\$199,783.00</b>	<b>\$179,598.00</b>
<b>BODY:</b>	Formed Aluminum	Formed Aluminum
<b>MANUFACTURER:</b>	Kovatch Mobile Equip. Corp. (KME)	Pierce Manufacturing, Inc.
<b>MODEL:</b>	<b>FSA Pumper 13</b>	<b>Toyne FFCSA Pumper</b>
<b>BASE PRICE:</b>	<b>\$182,408.00</b>	<b>\$208,000.00</b>
<b>BODY:</b>	Formed Aluminum	Formed Aluminum
<b>MANUFACTURER:</b>	Rosenbauer South Dakota, LLC	Toyne, Inc. (Southeastern...)

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**

### **2012 INTERNATIONAL DURASTAR Specification #15 (Commercial Pumper - 2 Door)**

The International Durastar, Commercial 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.

<b>MODEL:</b>	<b>American LaFrance S/M Pumper</b>	<b>Crimson Star Pumper</b>
<b>BASE PRICE:</b>	<b>\$222,246.00</b>	<b>\$188,817.00</b>
<b>BODY:</b>	Formed Aluminum	Formed Aluminum
<b>MANUFACTURER:</b>	American LaFrance, LLC	Crimson Fire (Public Safety...)
<b>MODEL:</b>	<b>KME Challenger FL15COML</b>	<b>Pierce Contender Series</b>
<b>BASE PRICE:</b>	<b>\$197,654.00</b>	<b>\$184,671.00</b>
<b>BODY:</b>	Formed Aluminum	Formed Aluminum
<b>MANUFACTURER:</b>	Kovatch Mobile Equip. Corp. (KME)	Pierce Manufacturing, Inc.
<b>MODEL:</b>	<b>FSA Pumper 13</b>	<b>Toyne FFCSA Pumper</b>
<b>BASE PRICE:</b>	<b>\$184,516.00</b>	<b>\$213,500.00</b>
<b>BODY:</b>	Formed Aluminum	Formed Aluminum
<b>MANUFACTURER:</b>	Rosenbauer South Dakota, LLC	Toyne, Inc. (Southeastern...)

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 mobile water supply Chapter 7, 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**

### **2012 FREIGHTLINER M2 Specification #15 (Commercial Pumper - 2 Door)**

The Freightliner M2, Commercial 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.

**MODEL:** KME Challenger FL15COML  
**BASE PRICE:** \$195,172.00  
**BODY:** Formed Galvanneal Steel  
**MANUFACTURER:** Kovatch Mobile Equip. Corp. (KME)

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**

### **2012 INTERNATIONAL DURASTAR Specification #15 (Commercial Pumper - 2 Door)**

The International Durastar, Commercial 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.

**MODEL:** KME Challenger FL15COML  
**BASE PRICE:** \$192,712.00  
**BODY:** Formed Galvanneal Steel  
**MANUFACTURER:** Kovatch Mobile Equip. Corp. (KME)

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 mobile water supply Chapter 7, 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**

**2012 FREIGHTLINER M2  
Specification #15  
(Commercial Pumper - 2 Door)**

The Freightliner M2, Commercial 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.

<b>MODEL:</b>	<b>American LaFrance S/M Pumper</b>	<b>Crimson Star Pumper</b>
<b>BASE PRICE:</b>	<b>\$213,763.00</b>	<b>\$200,801.00</b>
<b>BODY:</b>	Formed Stainless Steel	Formed Stainless Steel
<b>MANUFACTURER:</b>	American LaFrance, LLC	Crimson Fire (Public Safety...)
<b>MODEL:</b>	<b>E-ONE PSTS</b>	<b>KME Challenger FL15COML</b>
<b>BASE PRICE:</b>	<b>\$199,325.00</b>	<b>\$204,530.00</b>
<b>BODY:</b>	Formed Stainless Steel	Formed Stainless Steel
<b>MANUFACTURER:</b>	Hall-Mark Fire Apparatus (E-ONE)	Kovatch Mobile Equip. Corp. (KME)
<b>MODEL:</b>	<b>Toyne FFCSA Pumper</b>	
<b>BASE PRICE:</b>	<b>\$212,000.00</b>	
<b>BODY:</b>	Formed Stainless Steel	
<b>MANUFACTURER:</b>	Toyne, Inc. (Southeastern...)	

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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**

### **2012 INTERNATIONAL DURASTAR Specification #15 (Commercial Pumper - 2 Door)**

The International Durastar, Commercial 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.

**MODEL:** American LaFrance S/M Pumper  
**BASE PRICE:** \$223,902.00  
**BODY:** Formed Stainless Steel  
**MANUFACTURER:** American LaFrance, LLC

**Crimson Star Pumper**  
**\$202,899.00**  
Formed Stainless Steel  
Crimson Fire (Public Safety...)

**MODEL:** E-ONE PSTS  
**BASE PRICE:** \$205,237.00  
**BODY:** Formed Stainless Steel  
**MANUFACTURER:** Hall-Mark Fire Apparatus (E-ONE)

**KME Challenger FL15COML**  
**\$202,043.00**  
Formed Stainless Steel  
Kovatch Mobile Equip. Corp. (KME)

**MODEL:** Toyne FFCSA Pumper  
**BASE PRICE:** \$217,500.00  
**BODY:** Formed Stainless Steel  
**MANUFACTURER:** Toyne, Inc. (Southeastern...)

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 #16 – LEVEL I CUSTOM PUMPER**

**ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED**

**THE CUSTOM CAB AND CHASSIS SHALL BE PROVIDED 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
- c. Tow hooks or eyes front and rear attached to the frame
- d. 18,000 pound minimum front axle, suspension, tubeless radial tires, steel disc wheels
- e. 24,000 pound minimum rear axle, suspension, tubeless radial tires, steel disc wheels
- 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. Manufacturer's standard compressor
- j. Minimum 4200 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. Minimum 350 horsepower turbocharged diesel engine with 1000 ft. lb. torque rating
- b. Engine exhaust at front of right rear wheels
- c. Secondary engine 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. Automatic transmission



- h. 50 gallon minimum fuel tank
- i. OEM oil, fuel, transmission filters

**3. CAB**

- a. Manufacturer's standard medium length tilt aluminum cab meeting NFPA 1901 Chapter 14.3.2
- b. Seating for four, three 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 with manual back-up
- 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
- j. Forward facing turn and warning lights
- k. 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. Alternator sized according to amp draw report
- 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 compliant upper and lower level warning light package
- b. Siren/PA - 200 watts
- c. 100-watt speaker
- d. Two rear deck lights

**5. BODY**

- a. Bidders to bid on each of their offered construction types:
  - Extruded aluminum
  - Formed aluminum
  - Formed galvanized steel
  - Formed stainless steel
- b. Bidders to state thicknesses, alloys and construction methods of all materials used in body construction
- c. Minimum of 3 compartments driver side of body, full height compartments
- d. Minimum of 2 low side compartments right side of body
- 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. Right side brackets for 24' 2-section, 14' roof, 10' attic ladders and 2 pike poles, ladders to be included
- 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. Stop/turn/back up lights
- m. DOT clearance and marker lights
- n. License plate light
- o. Two (2) rear deck lights
- p. Rub rail along each side of body and rear of body
- q. Running boards at each pump panel
- r. Brushed stainless steel or black non-glare 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

**6. PUMP**

- a. 1250 gpm drive shaft driven split shaft pump 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 2" tank fill line
- j. 30 degrees turn downs
- k. Anti-vibration gauges
- l. Color coded pump panel tags
- m. Stainless steel plumbing with 10-year warranty
- n. Side mount pump panel with all pump controls, instruments, and gauges located on the drivers side pump panel (not in a compartment)
- o. 15 ft. of soft suction hose sized for capacity of fire pump

**7. WATER TANK**

- a. 750-gallon T-type 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



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

### **2012 LEVEL I CUSTOM PUMPER Specification #16 (Custom 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.

<b>MODEL:</b>	<b>E-One Typhoon Pumper</b>	<b>S Series Custom</b>
<b>BASE PRICE:</b>	<b>\$267,508.00</b>	<b>\$308,970.00</b>
<b>BODY:</b>	Extruded Aluminum	Extruded Aluminum
<b>MANUFACTURER:</b>	Hall-Mark Fire Apparatus (E-ONE)	Sutphen Corporation

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**

### **2012 LEVEL I CUSTOM PUMPER Specification #16 (Custom 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.

<b>MODEL:</b>	<b>KME Challenger FL16LVL1</b>	<b>Pierce Saber Series</b>
<b>BASE PRICE:</b>	<b>\$273,541.00</b>	<b>\$269,266.00</b>
<b>BODY:</b>	Formed Aluminum	Formed Aluminum
<b>MANUFACTURER:</b>	Kovatch Mobile Equip. Corp. (KME)	Pierce Manufacturing, Inc
<b>MODEL:</b>	<b>S-Series Custom</b>	
<b>BASE PRICE:</b>	<b>\$290,993.00</b>	
<b>BODY:</b>	Formed Aluminum	
<b>MANUFACTURER:</b>	Sutphen Corporation	

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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.

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

### **2012 LEVEL I CUSTOM PUMPER Specification #16 (Custom 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.

<b>MODEL:</b>	<b>KME Challenger FL16LVL1</b>	<b>Pierce Velocity SLT Series</b>
<b>BASE PRICE:</b>	<b>\$268,943.00</b>	<b>\$337,573.00</b>
<b>BODY:</b>	Formed Galvanneal Steel	Formed Galvanneal Steel
<b>MANUFACTURER:</b>	Kovatch Mobile Equip. Corp. (KME)	Pierce Manufacturing, Inc

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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**

**2012 LEVEL I CUSTOM PUMPER  
Specification #16  
(Custom 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.

<b>MODEL:</b>	<b>E-ONE Typhoon Pumper</b>	<b>KME Challenger FL16LVL1</b>
<b>BASE PRICE:</b>	<b>\$271,734.00</b>	<b>\$278,274.00</b>
<b>BODY:</b>	Formed Stainless Steel	Formed Stainless Steel
<b>MANUFACTURER:</b>	Hall-Mark Fire Apparatus (E-ONE)	Kovatch Mobile Equip. Corp. (KME)
<b>MODEL:</b>	<b>Pierce Impel SS Series</b>	
<b>BASE PRICE:</b>	<b>\$308,890.00</b>	
<b>BODY:</b>	Formed Stainless Steel	
<b>MANUFACTURER:</b>	Pierce Manufacturing, Inc.	

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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**

### **2012 LEVEL I CUSTOM PUMPER Specification #16 (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.

<b>MODEL:</b>	<b>Crimson Metro Star Pumper L1</b>	<b>Spartan Force 16</b>
<b>BASE PRICE:</b>	<b>\$269,507.00</b>	<b>\$272,842.00</b>
<b>BODY:</b>	Extruded Aluminum	Extruded Aluminum
<b>MANUFACTURER:</b>	Crimson Fire (Public Safety...)	Rosenbauer South Dakota, LLC

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**

### **2012 LEVEL I CUSTOM PUMPER Specification #16 (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.

<b>MODEL:</b>	<b>Crimson Metro Star Pumper L1</b>	<b>Spartan Force 16</b>
<b>BASE PRICE:</b>	<b>\$260,656.00</b>	<b>\$248,128.00</b>
<b>BODY:</b>	Formed Aluminum	Formed Aluminum
<b>MANUFACTURER:</b>	Crimson Fire (Public Safety...)	Rosenbauer South Dakota, LLC
<b>MODEL:</b>	<b>Toyne Spartan Metro Star FFCSA</b>	
<b>BASE PRICE:</b>	<b>\$286,000.00</b>	
<b>BODY:</b>	Formed Aluminum	
<b>MANUFACTURER:</b>	Toyne, Inc. (Southeastern...)	

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

### **2012 LEVEL I CUSTOM PUMPER Specification #16 (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.

<b>MODEL:</b>	<b>Crimson Metro Star Pumper L1</b>	<b>Toyne Spartan Metro Star FFCSA</b>
<b>BASE PRICE:</b>	<b>\$272,159.00</b>	<b>\$290,250.00</b>
<b>BODY:</b>	Formed Stainless Steel	Formed Stainless Steel
<b>MANUFACTURER:</b>	Crimson Fire (Public Safety...)	Toyne, Inc. (Southeastern...)

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.

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

### **2012 LEVEL I CUSTOM PUMPER Specification #16 (HME 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.

**MODEL:** Intruder  
**BASE PRICE:** \$277,618.00  
**BODY:** Extruded Aluminum  
**MANUFACTURER:** Ferrara Fire Apparatus, 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.

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

### **2012 LEVEL I CUSTOM PUMPER Specification #16 (HME 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.

**MODEL:** Toyne 1871W FFSCA  
**BASE PRICE:** \$293,500.00  
**BODY:** Formed Aluminum  
**MANUFACTURER:** Toyne, Inc. (Southeastern...)

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.

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**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**

### **2012 LEVEL I CUSTOM PUMPER Specification #16 (HME 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.

**MODEL:** Toyne 1871W FFSCA  
**BASE PRICE:** \$297,500.00  
**BODY:** Formed Stainless Steel  
**MANUFACTURER:** Toyne, Inc. (Southeastern...)

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.

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

### **2012 LEVEL I CUSTOM PUMPER Specification #16 (American LaFrance 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.

**MODEL:** American LaFrance Custom S/M Pumper  
**BASE PRICE:** \$300,634.00  
**BODY:** Formed Aluminum  
**MANUFACTURER:** American LaFrance, LLC

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.

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

### **2012 LEVEL I CUSTOM PUMPER Specification #16 (American LaFrance 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.

**MODEL:** American LaFrance Custom S/M Pumper  
**BASE PRICE:** \$301,992.00  
**BODY:** Formed Stainless Steel  
**MANUFACTURER:** American LaFrance, LLC

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 #17 – LEVEL II CUSTOM PUMPER**

**ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED**

**THE CUSTOM CAB AND CHASSIS SHALL BE PROVIDED 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. Manufacturer's standard 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 with manual back-up
- 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 galvanized 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 on drivers side

- d. Three full height, full depth lower, half-depth upper rescue style compartments passenger side of body
- 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; minimum hosebed size of 70 cubic feet of usable storage
- 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 with reflective stripe in rub rail
- q. Running boards at each pump panel with a recessed hose well with hose restraint strap in the passenger side running board
- r. Brushed stainless steel or black non-glare 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 drive shaft driven split shaft 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 2” 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 with 4” discharge valve and piping

**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



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

### **2012 LEVEL II CUSTOM PUMPER Specification #17 (Custom 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.

<b>MODEL:</b>	<b>Igniter XD LFD</b>	<b>E-ONE Cyclone Pumper</b>
<b>BASE PRICE:</b>	<b>\$399,874.00</b>	<b>\$373,084.00</b>
<b>BODY:</b>	Extruded Aluminum	Extruded Aluminum
<b>MANUFACTURER:</b>	Ferrara Fire Apparatus, Inc.	Hall-Mark Fire Apparatus (E-ONE)
<b>MODEL:</b>	<b>Commander FSA 17</b>	<b>Monarch Series Custom</b>
<b>BASE PRICE:</b>	<b>\$364,916.00</b>	<b>\$421,112.00</b>
<b>BODY:</b>	Extruded Aluminum	Extruded Aluminum
<b>MANUFACTURER:</b>	Rosenbauer South Dakota, LLC	Sutphen Corporation

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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.

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**FLORIDA FIRE CHIEFS' ASSOCIATION,  
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**2012 LEVEL II CUSTOM PUMPER  
Specification #17  
(Custom 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.

<b>MODEL:</b>	<b>KME Flatback FL17LVL2</b>	<b>Pierce Arrow XT Series</b>
<b>BASE PRICE:</b>	<b>\$357,181.00</b>	<b>\$387,678.00</b>
<b>BODY:</b>	Formed Aluminum	Formed Aluminum
<b>MANUFACTURER:</b>	Kovatch Mobile Equip. Corp. (KME)	Pierce Manufacturing, Inc.

<b>MODEL:</b>	<b>Commander FSA 17</b>
<b>BASE PRICE:</b>	<b>\$340,030.00</b>
<b>BODY:</b>	Formed Aluminum
<b>MANUFACTURER:</b>	Rosenbauer South Dakota, LLC

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

### **2012 LEVEL II CUSTOM PUMPER Specification #17 (Custom 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.

<b>MODEL:</b>	<b>KME Flatback FL17LVL2</b>	<b>Pierce Quantum Series</b>
<b>BASE PRICE:</b>	<b>\$352,582.00</b>	<b>\$395,482.00</b>
<b>BODY:</b>	Formed Galvanneal Steel	Formed Galvanneal Steel
<b>MANUFACTURER:</b>	Kovatch Mobile Equip. Corp. (KME)	Pierce Manufacturing, Inc.

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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.

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

**2012 LEVEL II CUSTOM PUMPER  
Specification #17  
(Custom 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.

<b>MODEL:</b>	<b>E-ONE Cyclone Pumper</b>	<b>KME Flatback FL17LVL2</b>
<b>BASE PRICE:</b>	<b>\$394,151.00</b>	<b>\$361,913.00</b>
<b>BODY:</b>	Formed Stainless Steel	Formed Stainless Steel
<b>MANUFACTURER:</b>	Hall-Mark Fire Apparatus (E-ONE)	Kovatch Mobile Equip. Corp. (KME)

<b>MODEL:</b>	<b>Pierce Velocity Series</b>
<b>BASE PRICE:</b>	<b>\$399,974.00</b>
<b>BODY:</b>	Formed Stainless Steel
<b>MANUFACTURER:</b>	Pierce Manufacturing, Inc.

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

### **2012 LEVEL II CUSTOM PUMPER Specification #17 (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.

<b>MODEL:</b>	<b>Crimson Metro Star Pumper L2</b>	<b>Spartan Gladiator 17</b>
<b>BASE PRICE:</b>	<b>\$366,042.00</b>	<b>\$373,656.00</b>
<b>BODY:</b>	Extruded Aluminum	Extruded Aluminum
<b>MANUFACTURER:</b>	Crimson Fire (Public Safety...)	Rosenbauer South Dakota, LLC

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**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**

**2012 LEVEL II CUSTOM PUMPER  
Specification #17  
(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.

<b>MODEL:</b>	<b>Crimson Metro Star Pumper L2</b>	<b>Spartan Gladiator 17</b>
<b>BASE PRICE:</b>	<b>\$341,025.00</b>	<b>\$346,660.00</b>
<b>BODY:</b>	Formed Aluminum	Formed Aluminum
<b>MANUFACTURER:</b>	Crimson Fire (Public Safety...)	Rosenbauer South Dakota, LLC
<b>MODEL:</b>	<b>Toyne Spartan Gladiator</b>	
<b>BASE PRICE:</b>	<b>\$377,000.00</b>	
<b>BODY:</b>	Formed Aluminum	
<b>MANUFACTURER:</b>	Toyne, Inc. (Southeastern...)	

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

### **2012 LEVEL II CUSTOM PUMPER Specification #17 (Spartan Chassis - 4 Door)**

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<b>MODEL:</b>	<b>Crimson Metro Star Pumper L2</b>	<b>Toyne Spartan Gladiator</b>
<b>BASE PRICE:</b>	<b>\$368,450.00</b>	<b>\$381,000.00</b>
<b>BODY:</b>	Formed Stainless Steel	Formed Stainless Steel
<b>MANUFACTURER:</b>	Crimson Fire (Public Safety...)	Toyne, Inc. (Southeastern...)

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

### **2012 LEVEL II CUSTOM PUMPER Specification #17 (HME 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.

**MODEL:** Spectr LFD  
**BASE PRICE:** \$386,017.00  
**BODY:** Extruded Aluminum  
**MANUFACTURER:** Ferrara Fire Apparatus, Inc.

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

### **2012 LEVEL II CUSTOM PUMPER Specification #17 (HME 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.

**MODEL:** Toyne Spectr  
**BASE PRICE:** \$379,000.00  
**BODY:** Formed Aluminum  
**MANUFACTURER:** Toyne, Inc. (Southeastern...)

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

### **2012 LEVEL II CUSTOM PUMPER Specification #17 (HME 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.

**MODEL:** Toyne Spectr  
**BASE PRICE:** \$383,000.00  
**BODY:** Formed Stainless Steel  
**MANUFACTURER:** Toyne, Inc. (Southeastern...)

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

### **2012 LEVEL II CUSTOM PUMPER Specification #17 (American LaFrance 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.

**MODEL:** American LaFrance Custom Rescue Pumper  
**BASE PRICE:** \$354,804.00  
**BODY:** Formed Aluminum  
**MANUFACTURER:** American LaFrance, LLC

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

### **2012 LEVEL II CUSTOM PUMPER Specification #1& (American LaFrance 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.

**MODEL:** American LaFrance Custom Rescue Pumper  
**BASE PRICE:** \$356,162.00  
**BODY:** Formed Stainless Steel  
**MANUFACTURER:** American LaFrance, LLC

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