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

## SPECIFICATION #18-COMMERCIAL PUMPER 2 DOOR

**ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED**

**Minimum Requirements**: In all areas of this specification bidders must comply with currently established NFPA 1901, applicable for pumper fire apparatus Chapter 5 and all other required chapters, FMVSS (applicable areas) and NHTSA standards. When requested, bidders must submit complete detailed specifications for the apparatus being offered, as well as all options, to the end user.

**Documentation:** Prospective bidder(s) are advised that the following documentation is to be included and made a part of the bid submission. The Bid Coordinator reserves the right to disqualify any bidder(s) who are in non-compliance with this provision.

- Each manufacturer shall provide proof positive evidence of Product Liability and Facility Insurance equal to or exceeding $15,000,000.00. A copy of the current Product Liability Insurance Certificate shall be submitted with the bid.
- All bidders must offer proof positive evidence that they are a licensed Dealer and Manufacturer of motorized fire apparatus and/or motor vehicles in the State of Florida. Copies of the manufacturer's license and the dealer's license must be submitted with the bid.
- A minimum 5% Bid Bond shall be provided with the bid per specification bid for base vehicle price. An insurance company licensed to provide bond insurance in the State of Florida must supply the bid bond. The company who is submitting the bid bond must have an "A" Rating as a minimum requirement. The contractor is required to notify the customer of the availability of a one hundred percent performance bond at an additional cost to the customer. The company submitting the performance bond must have a minimum A rating as determined by A.M. Best Company. The cost of the performance bond will be based on the final price of the contract and must be provided to the customer in writing. The performance bond must be supplied by an insurance company licensed to provide bond insurance in the State of Florida.

**Note:** Bidder is to include a copy of a current performance bond with their bid submission.

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
   o. Aluminum wheels
   p. Commercial chassis are to be current model.

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 100 watt siren with 100 watt siren speaker, minimum
c. All emergency warning lights, rear,stop/turn/back-up lights, DOT clearance, pump panel, compartment, step, license plate, perimeter scene, and interior dome lights to be LED.

5. 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. 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
v. No less than four Self-Contained Breathing Apparatus (SCBA) Bottle Storage

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

**I affirm that my bid is inclusive of all requirements listed within this specification and that we will supply the items listed, at the prices bid.**

Bidding Company: SUTPHEN Bidder Name: David Stonitsch

Bidder Title: Dealer Bidder Signature: David Stonitsch

Digitally signed by David Stonitsch
DN: cn=David Stonitsch, o=United States, c=US, o=South Florida Emergency Vehicles, mail=dstonitsch@sutphen.com
Reason: I am the author of this document
Location:
Date: 2018-03-28 11:34:04-05'

Date Signed: April 6, 2018

**SPECIFICATION #18-COMMERCIAL PUMPER 2 DOOR**

**Bidding Company:** SUTPHEN

| **Manufacturer** | **Chassis Make/ Model** | **Ladder Type** | **Body Type** | **Base Price** **Discount Included** | **% Discount Off MSRP** | **Build Sheet** **Insert name of USB file** |
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*Prices are to be rounded to whole dollars (100.00)*

*Percentage discounts are to be whole number percentages (10%)*

*Indicate the name of the build sheet file from your USB in the Build Sheet column for each vehicle*