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

SPECIFICATION #16 – 2500 GALLON MOBILE WATER SUPPLY FIRE APPARATUS

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: In the first column labeled "Manufacturer's Base Vehicle Standard Equipment", check the applicable areas where the manufacturer's base vehicle standard equipment meets the minimum specifications of the base vehicle bid.

Minimum Requirements: In all areas of this specification bidders must comply with the current publication of NFPA 1901 (2009 edition), applicable for mobile water supply Chapter 7, FMVSS (applicable areas) and NHTSA standards. The intent of the mobile water supply specification is for all bidders to bid a mobile water supply vehicle with as much side and rear compartmentation as possible; equipped with an apparatus body, hosebed, and pump module that are completely separate of the water tank. The hosebed shall be integral to the apparatus body. A wet side type or elliptical type mobile water supply vehicle will not meet the minimum criteria for this bid solicitation. When requested, bidders must submit complete detailed specifications for the apparatus being offered, as well as all options, to the end user.

All bidders are to bid under the current NFPA 1901 standards, and all addendums that are currently in effect at the time of bidding.

The bidder is to understand that the Florida Sheriffs Association does not guarantee any quantity of vehicles will be ordered off this contract. The bidder will further understand that this program operates under a split bid award system which allows the end user authority to purchase from any of the responsive bidders authorized and awarded to do business off this contract. **The end user authority will contract directly and individually with the awarded bidder of their choice for any and all vehicles offered on this contract and any other features, options and equipment items required to meet their individual needs. Customers shall choose from options furnished to them by the manufacturer.**

Delivery of the vehicles shall be accomplished by factory or dealer drive away programs. However, the right is reserved for the individual end users to pick up the vehicles at either the factory or the dealership.

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.

Bid Bond: A five percent (5%) Bid Bond issued by a bonding company licensed to conduct business in the state of Florida is required for base vehicle price and shall be provided as part of the bid package, bond must cover the highest priced submittal. Bid bond will be made out to the Florida Sheriffs Association as coordinator of this bid unless otherwise indicated or approved by FSA's Bid Coordinator.

Performance Bond: 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 submit-ting 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.

Note: A letter from a bonding company licensed to do business in Florida must be submitted with the bid stating that the manufacturer will provide a 100% Performance Bond between the bidder and the end user authority upon award of this bid.

The manufacturer of this vehicle:

- Shall carry not less than fifteen million dollars ($15,000,000.00) in product liability insurance, listing the Florida Sheriffs Association as additional insured, and shall submit a copy of this insurance with the bid proposal.
- Shall possess a Florida Motor Vehicle Department license as a Manufacturer of Motor Vehicles and shall provide a copy of the license with the bid proposal.
- Shall be or have a Florida Dealer Representative who shall possess a Florida Motor Vehicle Dealers license and shall provide a copy of the License with the bid proposal.
- Shall employ full-time parts personnel with toll-free access number.
- Shall employ a full-time electrical troubleshooter with toll-free access number.
- Shall employ a full-time warranty representative with toll-free access number.
- Bidder shall submit how warranty service claims will be handled in the State of Florida.

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. Approvalof 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. Commercial chassis are to be current model.

i. Chrome or stainless steel front bumper
j. Tow hooks or eyes front and rear attached to the frame
k. Front and rear mud flaps
l. S-cam air brakes, as large as possible, with automatic slack adjusters
m. Minimum 13.2 cfm gear driven air compressor
n. Air dryer, turn drain valves on reservoirs
o. ABS brakes
p. 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 galvanneal 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 100 watt siren with 100 watt siren speaker, minimum
e. 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.

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

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: DAVE STONITSCH

Bidder Title: DEALER Bidder Signature: David Stonitsch

Digitally signed by David Stonitsch
DN: cn=David Stonitsch,gn=David Stonitsch,c=United States,l=Lt.Co.=South Florida Emergency Vehicles,
m=dstonitsch@hotmail.com
Reason: I am the author of this document
Location:
Date: 2018-04-06 13:37:04:00

Date Signed: April 6, 2018

SPECIFICATION #16 – 2500 GALLON MOBILE WATER SUPPLY FIRE APPARATUS

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**
SUTPHEN	INTL	NA	ALUM	314,190	15	SUTPHEN.INTLFSA16.ALUM.PDF

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