

ADDENDUM NO. 2

RFP-FD-13-01 Replacement Pumper

ISSUE DATE: **June 12, 2013**
DUE DATE: **July 9, 2013 @ 2:00pm**
SUBJECT: **Revised Specification Compliance Check-list & Question and answers**

INTENT: This addendum is issued prior to the date bids are due in order to incorporate the following clarifications, additions, omissions, deletions, or changes into the Contract Documents.

Except as hereinafter specified, the work shall be in accordance with the drawings and specifications.

Bidders are to use the changed quantities of the items listed in this addendum in their proposals, and it shall become a part of the Contract Documents when construction is executed.

Bidders are reminded that this addendum must be noted on the "Official City Acknowledgment Form" when they submit their proposal. A signed copy of the addendum must also be included with the bid submittal.

- 1. Please note:** Attached is the revised Specification Compliance check-list (noted "Revised per Addendum 2"). Please use this revised version when submitting your proposal. The Required Submittals packet will be updated with this revised version.
- 2. Question:** On page 6 of the front end documents (Body requirements), how many shelves and how many SCBA storage compartments are required? **Answer:** Eight adjustable shelves and four SCBA compartments or the ability to accommodate 4 SCBA bottles.
- 3. Question:** On page 6 of the front end documents (Body requirements), is this a 40 lb. extinguisher or a 20 - 25 lb. extinguisher? **Answer:** A 40 lb. dry chemical and a 2.5 gallon pressurized water.
- 4. Question:** On page 7 of the front end documents (Pump requirements) what is the type/model of the remote throttle & electronic pressure governor you are currently using (or prefer)? Note: if a pressure relief valve is desired with no electronic pressure governor, clarification is needed. **Answer:** The FRC Pump Boss water governor, as listed, is required.
- 5. Question:** Could you please clarify the size of the water tank? **Answer:** The water tank size is 750 gallons.
- 6. Question:** Could you please verify the requirements of the Bid Bond and the Performance Bond? **Answer:** The Bid Bond must be at least 5% of the total cost of the replacement pumper. The Performance Bond, required from the chosen respondent, must be for 100% of the total cost of the truck.
- 7. Question:** The requirement for the chassis reads, "The chassis will be manufactured in the factory of the bidder". Could this sentence be eliminated from the specifications? **Answer:** This is here to eliminate proposers from bidding a commercial chassis rather than the custom cab we are requesting. As long as the proposer will warranty the chassis as if it was built in their factory, the chassis may be manufactured outside of the proposer's factory.
- 8. Question:** The requirement for the cab states the overall height is to be 112". Could the overall height be amended to 114" since a 114" vehicle will fit in the station? **Answer:** A proposal submitted with a truck that

is 114" in height will not be disqualified; however, we still prefer the truck to be no more than 112" in height. Please note that any proposal submitted in which the height of the truck exceeds 114" may be disqualified.

9. **Question:** What is the exact location the booster reel is to be located? **Answer:** The dunnage area is above the pump between the cab and the body. If a proposer cannot meet this specification they need to offer an alternative location in their design.

Acknowledgment:

Signature and Date

Printed Name and Title

Company Name

END OF ADDENDUM NO. 2

*Four Pages to Follow

Specifications for a Class-A Pumper

Revised per Addendum 2

DOCUMENTATION, DELIVERY AND TRAINING	Comply - Yes or No?
Approval Drawings Provided Prior to Construction Commencement.	
Two (2) Sets of Operator and Service Manuals.	
Delivery to be F.O. B. To the Department and Address Listed on P.O.	
Pump Test Certification by Independent Third Party.	
Three (3) Days of Training by employee of Manufacturer.	
Vehicle Weight, as measured by Certified Scales.	
3 Personal - Pre-Order & Delivery.	
CHASIS	Comply - Yes or No?
The chassis will be manufactured in the factory of the bidder. The chassis will be designed for the intended use of the apparatus specified. There will be no divided responsibility in the production of the chassis. The chassis will be painted job color.	
Wheelbase shall be concurrent with a maximum overall vehicle length of 29.5 feet.	
Painted "Red" steel bumper. Alternating Lime green Diamond Grade chevrons to be installed on bumper over the red.	
Tray to have webbing material to secure hose.	
Rear axle 10 stud hub piloted, weight to be determined by Manufacturer.	
Brakes to be "S" cam style.	
Brakes to have an air dryer installed.	
Brake Lines shall be compression style fittings. Push in style brake fittings will not be acceptable.	
Brakes will have an anti lock brake system.	
Electronic stability control will be integrated into the anti lock brake system.	
Front tires to be Goodyear with an engineered load range.	
Rear tires to be Goodyear with an engineered load range.	
Aluminum wheels must be provided for the front and for the inside and outside of the rear wheels. The wheels must match the tire and axle rating for the apparatus. (inside can be steel if cost effective).	
Top speed shall be consistent with NFPA.	
Mud flaps to be provided for both front and rear wheels.	
Front tow eyes with a minimum of 3" holes to be attached directly to frame.	
Rear tow eyes to be attached to the frame.	
Engine to be a Cummins ISL 9.	
Engine horsepower to be no less than 400.	
Engine to have an exhaust brake (Jacobs preferred).	
Coolant hoses to be silicone.	
Engine air compressor to be no less than 16 CFM.	
Alternator to be a Leece Neville no less than 270 amp (Engineered to truck requirements).	
Two (2) Grover air horns mounted in front bumper operated by a lanyard. mounted on drivers and passenger side.	
Batteries to be Interstate preferred 8D.	
Remote jumper terminals must be provided for the batteries.	
A Kussmaul battery charger be provided to maintain batteries with auto eject plug and LED display.	
Engine Block heater wired to the shore line.	
Transmission to be Allison Automatic. (Min 3000 EVS).	
Transmission shifter shall be push pad style mounted conveniently for the driver.	
Transmission shall be filled with Allison Automatic Transmission fluid only.	
Front bumper to have a 1 1/2" swivel discharge with a tray capable of holding no less than 100' of 1 3/4" double jacket hose.	

Specifications for a Class-A Pumper

Revised per Addendum 2

CHASIS Continued	Comply - Yes or No?
Front axle 10 stud hub piloted with oil seals, weight to be determined by Manufacturer.	
Fuel tank to be a minimum of 50 gallons.	
CAB	Comply - Yes or No?
Cab constructed of stainless steel or aluminum full tilt style with seating for 4 medium style 4 door.	
Two (2) 12V Whelen M6 or M9 LED flood lights to be installed one on each side of cab as close to center as possible between front and rear doors with a switch in the cab.	
Cab may have a raised roof so long as the apparatus overall maximum height of 112" is not exceeded.	
Cab to have barrier style doors.	
Rear facing opera windows rear cab wall.	
Driver seat to be adjustable air with SCBA mount.	
Power windows.	
Four (4) SCBA seats; one (1) officer, two (2) rear facing, one (1) driver (4 total including driver).	
Seats with SCBA to have release centered between legs, Bostrom Secure All.	
EMS cabinet to be provided along back wall of cab; access to be from drivers and officers side. Floor level mounted to back wall, maximum storage to be taken into account on size of cabinet	
EMS cabinet to be supplied with 1- 12V power plug and 1- 110 v outlet. (20 amp).	
Steering wheel to be tilt and telescoping style.	
Additional speedometer to be provided for officer.	
Four (4) 12v cigarette style plugs to be provided in cab.	
Computer shelf to be provided on officer side of cab with 12v 20amp wiring.	
Four (4) antenna ports to be provided on roof of cab.	
Two (2) auxiliary cab defroster fans to be provided in cab.	
Cab interior to be gray, severe duty style with limited use of plush vinyl to prevent tears.	
Perimeter lighting (LED) will be provided under the cab.	
Provisions for map books and gloves on dog house.	
Interior lighting to be LED red/clear dome lights for both front and rear cab areas.	
Mirrors to be electric remote "West Coast" style with a surface area of approx. 7"x16" with a lower convex area of approx. 6"x8".	
Windshield wipers to be intermittent type with washer feature positive parking.	
Cab to be completely heated and air conditioned. Air conditioning to have gravity drains (electric pumps not acceptable).	
BODY	Comply - Yes or No?
Body to be constructed of extruded aluminum or stainless steel.	
Body to have sweep out style compartments.	
Four (4) roll out trays to be placed in compartments of department choice, no less than 250lbs.	
All compartment doors to be vertically hinged when structurally possible. Compartments over rear wheels will have painted job color roll up doors.	
All compartments to have locks and keyed the same.	
Compartment doors to be painted job color.	
LED lighting will be provided in each compartment for illumination.	
Perimeter lighting (LED) will be provided underneath the body.	
Minimum of four (4) SCBA bottle storage compartments to be incorporated into the body.	
Two (2) recessed running board hose trays will be provided at left and right side pump stand.	

Specifications for a Class-A Pumper

Revised per Addendum 2

BODY Continued	Comply - Yes or No?
Body to have a hose bed to carry the following; 1000' 5" rubber, 500' 3" double jacket, 200' 2 1/2" double jacket, 200' 1 3/4" double jacket.	
Pike poles and folding ladder to be stored within ladder chute if provided or within a separate compartment.	
Ladder storage to be of provided via a Ladder chute (preferred).	
Storage for a department-supplied backboard shall be provided. *Storage on a ladder rack or mechanical device is not acceptable.	
Webbing shall be provided across back of hose bed to prevent hose loss.	
3 Hose-bed dividers shall be provided.	
Minimum of two (2) fire extinguisher compartments to be incorporated into body (size to accommodate 40# dry chemical and 2.5g pressurized water).	
Eight (8) adjustable shelves will be provided with shelf track in each compartment.	
Storage to be major consideration in design of the body.	
Rear of apparatus body and front side of platform to have same chevrons as front bumper.	
ELECTRICAL	Comply - Yes or No?
Wiring to be point to point without use of multiplex unless required by design.	
Fully multiplexed wiring is not acceptable.	
Two (2) Whelen Pioneer LED lights combination flood / spot, push up pole with sensor cradle, light sticks to be mounted to rear of cab with switches on the pump panel.	
A remote switch to be provided on pump panel to activate 12v LED body lights.	
Two (2) rear floodlight to be mounted on rear apparatus body rear hose bed area.	
PUMP	Comply - Yes or No?
All needle type pump gauges to be dry type (oil filled not acceptable).	
Tank fill to be no less than 1 1/2".	
Pump panel to be color coded.	
4" master gauges – Dry type.	
Tank gauges to be FRC tank vision.	
Foampro 2002 foam system to be provided plumbed for foam discharge to front bumper and rear discharge.	
Rear to have One (1) 2 1/2" discharge left side and be able to accommodate 2 1/2" water thief.	
One (1) deluge riser will be provided over pump with a 18" extend a gun with <i>flange</i> for TFT crossfire gun.	
One (1) Hannay booster reel to be provided with 200' red rubber 1" hose with recess pin couplings.	
Booster Reel - to be mounted in the dunnage.	
Pump to be a Waterous single stage 1250gpm with a mechanical adjustable packing, mid-ship mounted, no PTO.	
Pump to have a FRC Pump Boss water governor.	
Valves to be Akron severe duty stainless steel ball type.	
All pump plumbing to be stainless steel except where flex hose with stainless steel couplings MUST be used.	
Pump inlets to be short style to accommodate TFT intake valve and suction Siamese.	
Left side to have a 2 1/2" gated intake valve.	
Left side to have two (2) 2 1/2" discharges.	
Right side to have one (1) 2 1/2" discharge and one (1) minimum 3-4" large diameter discharge w/ 5" Storz and cap.	
Front bumper to have 1 1/2" discharge (swivel).	

Specifications for a Class-A Pumper

Revised per Addendum 2

PUMP Continued	Comply - Yes or No?
Crosslays: Two 2 1/2 crosslays minimum of 150" of 1 3/4" double jacket hose.	
Webbing covers shall be provided for crosslays.	
Minimum 750 Gallon lifetime warranty poly water tank.	
30 Gallon class B foam tank poly with lifetime warranty.	
LADDERS	Comply - Yes or No?
All ground ladders to be Duo Safety or Alco Lite.	
One (1) 10' Folding .	
One (1) two (2) section 24' extension ladder.	
One (1) 14' roof ladder.	
PIKE POLES	Comply - Yes or No?
Pike poles to be fiberglass type.	
One (1) 8'.	
One (1) 6'.	
PAINT	Comply - Yes or No?
Two tone white over red paint scheme for the cab with a paint break at the bottom of the windshield.	
The body will be painted red.	
The body doors will be painted red.	
Front bumper to be painted red with lime green diamond grade chevrons (alternating lime-green/red).	
Rear body to have same chevrons as front bumper.	
Chassis frame to be painted red (job color).	
Striping of cab and body to incorporate a 2"gold, 1" break, 2"white, 1"break, 2"gold pattern. This will match existing Palm Coast apparatus.	
TRUCK LIGHTING/WARNING DEVICES	Comply - Yes or No?
All ICC/DOT marker lights to be LED.	
Stop, tail and backup lights to be all LED Whelen, 600 series.	
Each bidder to provide a Whelen LED warning light plan to provide for upper and lower light devices. These plans shall include devices such as Freedom LED lightbar, new Whelen M6 LED programmable/syncable LED flashers and LED rotator rear beacons. Fire Department will give final approval for all warning light plans.	
Whelen LED traffic advisor to be mounted on rear body of apparatus. Traffic advisor will be wired to rear warning lights and flash on random only when not in left or right position.	
Electronic siren to be Whelen brand with a detachable microphone.	
Mechanical siren to be a Federal Q2B recessed in front bumper.	
A mechanical siren cutoff button shall be provided in cab to cutoff main power feed to siren in case solenoid or activation switch fails.	
Mechanical siren to be controlled by both driver at steering wheel and by officer foot switch.	
Two (2) mechanical siren brakes shall be provided - (1) for driver and (1) for officer. *One in the middle of the dash, able to be operated by both the driver and officer is acceptable.	