

BILL C. PEACOCK
Director - Purchasing



DOUGLAS COUNTY BOARD OF COMMISSIONERS
PURCHASING DEPARTMENT

8700 Hospital Drive • Douglasville, GA 30134
Telephone (770) 920-7247 • Fax (770) 920-7219

DOUGLAS COUNTY BOARD OF
COMMISSIONERS

Fire Apparatus
PUMPER TRUCK
Invitation to Bid
Solicitation Number 15-003

Issued: January 28, 2015

The Douglas County Board of Commissioners (the "County") is seeking a vendor (the "Bidder") to submit a formal bid to provide a Pumper Fire Truck.

Interested parties are requested to submit three (3) hard copy bids to the address below. Do not submit quotations via facsimile – they will not be accepted.

Subject: Bid Submission – Pumper Fire Truck

Douglas County Board of Commissioners
Attention: Bill Peacock Director – Purchasing
3rd Floor
8700 Hospital Drive
Douglasville, Ga 30134

Closing Date: Friday, February 27, 2015 – 2:00 PM

The Bidder has the sole responsibility for any costs associated with preparing the bid in response to this ITB. Under no circumstances will the County pay any expenses related to the preparation of any bid by an applicant. All bids are prepared at the cost and risk of the applicant. Late submissions will not be accepted.

Sealed bids in response to this Invitation will be received by the:

Douglas County Board of Commissioners
Bill Peacock - Purchasing Director
3rd Floor
8700 Hospital Drive
Douglasville, Georgia 30134

The Bid due date is February 27, 2015 no later than 2:00 PM ET. Bids will be opened at 2:00 PM ET on the bid Due Date in the Purchasing Bid Opening Room on the third floor of the Courthouse. You are invited to attend, or submit your bid prior to the deadline. Each response should be marked on the outside of the envelope with: **“Sealed Bid for Pumper Fire Truck, Sol No 15-003”**. Bids may be mailed or personally delivered to the Purchasing Department.

Inquiries regarding the bid requirements should be directed to Bill Peacock – Director Purchasing, by email to bpeacock@co.douglas.ga.us. Verbal responses to enquires shall not be binding on any party.

Douglas County invites bids on:

- One (1) Custom Pumper;
- Assembled on a new Custom Chassis.
- 750 gallon rectangular tank (U.S.) poly.
- All Aluminum built body
- With four door raised cab.
- Built to NFPA 1901-2009 standards, tested and labelled.

Bids must include:

- Three (3) Hard Copies of the bid
- A brief one (1) page summary as to why your organization or business would be well suited to provide a Pumper Apparatus to the County.
- Summary of company profile.
- The Bidder's/project team's qualifications and capabilities to provide a Pumper Apparatus to the County, including past projects having similar requirements to the one being proposed. Years of experience of team members who will be working on this project should be included.
- Detailed description of any innovative technology that will be utilized during the fabrication of the vehicle.
- Three (3) references from customers who have purchased similar units. Each reference must include contact information.
(The County reserves the right to contact these references, or any other references known to the County, without prior notification to the Bidder. The County also reserves the right to contact any previous or current user of the Bidder's products or services.)
- Disclosure of Interest - make full disclosure, in writing, on any existing business

relationship presently in place with the County. Failure to disclose an interest may result in termination / cancellation of any agreement that may have been entered into with the Bidder.

- Warranties and limitations thereof
- Bidder must guarantee pricing for ninety (90) days after submission.

Minimum Base Specifications

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 or steel wheels with hub and lug trim package
- e. 24,000 pound minimum rear axle, suspension, tubeless radial tires, polished aluminum or steel 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

POWER TRAIN

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

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 minimum of four, three in SCBA seats with SCBA brackets that meet current NFPA Standard
- 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. Two tone cab paint finish (white over red) 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
- u. An auto-eject shoreline charging system shall be installed as part of the unit electrical system.

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
- g. If a 12 volt LED Scene Light package is utilized item (f) can be eliminated.

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 driver's side. Compartment doors shall be "roll-up" style.
- d. Three full height, full depth lower, half-depth upper rescue style compartments passenger side of body, compartment doors shall be "roll-up" style.
- e. Lights in compartments to meet NFPA 1901 Chapter 13.10.5
- f. One (1) full height, full depth compartment rear of body with "roll-up" style door.
- 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 two (2) adjustable dividers; minimum hose bed size of 70 cubic feet of usable storage. Must include rigid hose bed cover.
- 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

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. Five 2.5" discharge outlets (includes one (1) rear 2 ½ 1/2" discharge)
- d. Two 2.5" suction inlets on left pump panel
- e. Two 6" steamer inlets with caps
- f. Discharge and inlet pressure reliefs
- g. Two 1.75" crosslays with 2" piping
- h. One 3" tank to pump line
- i. One (1) Booster reel with electric rewind motor and 200' of ¾" rubber jacketed hose
- j. One 2" tank fill line
- k. 30 degrees turn downs on all 2-1/2" or larger discharges
- l. Anti-vibration gauges
- m. Color coded pump panel tags
- n. Stainless steel plumbing with 10-year warranty
- o. One 4" LDH discharge, right side pump panel, hand wheel control with 4" discharge valve and piping

WATER TANK

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

COMPARTMENTS

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

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

The successful Bidder must comply with the following requirements:

The apparatus shall be delivered complete and ready for operation within 120 days from date of the Bid award.

The Bidder acknowledges any information or documents provided to the County may be released pursuant to the provisions of the Freedom of Information and Protection of Privacy ACT. This acknowledgement shall not be construed as a waiver of any right to object to the release of any information or documents.

The Bidder should familiarize themselves with all state legislation and regulations, County Charter, bylaws and policies or such other matters that may affect their bid.

Addenda may be issued by the County up to three (3) days prior to the stated deadline for submissions. All addenda become part of the ITB and must be acknowledged in your bid.

Clarifications requested by Bidders must be in writing to the County by February 16, 2015 by 5:00 PM. Responses will be provided no later than February 20, 2015, 5:00 PM. If required, the reply will be in the form of an addendum, a copy of which will be forwarded to all known Bidders prior to the deadline for bid submission.

Bidders may amend or withdraw their bid prior to the deadline for bid submission by submitting written notice to the County. All bids become irrevocable after the deadline for bid submission.

All questions regarding this ITB must be directed to the County at least by February 16, 2015 no later than 5:00 PM. Responses will be provided no later than February 20, 2015, 5:00 PM. Enquires will be recorded and may, at the County's discretion, be distributed to all know Bidders participating in the ITB. A Bidder has the responsibility to notify the County of any ambiguity, error, omission, oversight, contradiction or any item open to interpretation in this ITB, as it is discovered, and to request instruction, a decision, or direction required in preparing their bid.

The County may, by written addendum, extend the time for receiving of the responses.

The bid and accompanying documentation submitted by the Bidder will become the Property of the County and will not be returned.

The Bidder should provide any other pertinent information it deems necessary.

As a general framework, all bids presented by Bidders will be evaluated in the context of the overall value they bring to the County.

The County will review all submissions and may request interviews from the highest ranking Bidders.

The County reserves the right at its sole discretion, to award the project, based on its evaluation of the bids.

The County reserves the right to accept or reject any or all bids and to waive irregularities and informalities at its discretion. By submitting a bid the Bidder waives any right to contest in any legal proceeding or action the right of the County to award the project to whomever it chooses, in its sole discretion, and for whatever reasons the County deems appropriate.