City of Somerset

Somerset-Pulaski Co. EMS

Ambulance Bid

Specifications

Chief Steven Eubank
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Somerset-Pulaski Co. EMS
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Invitation for sealed bid

Somerset-Pulaski County EMS and the City of Somerset will be accepting bids for a Type 1 Ambulance

Specifications and Proposal Forms may be obtained at Somerset-Pulaski Co. EMS, 301 Hail Knob Rd, Somerset KY or by contacting Chief Steven Eubank at seubank@cityofsomerset.com
Bids must be received by 10:00am on August 19, 2020 and should be addressed as follows:

Attn: Ambulance Bid
Somerset Energy Center
306 E. Mt. Vernon St.
Somerset, KY 42501

The City of Somerset reserves the right to reject any or all bids.

AMBULANCE BID REQUIREMENTS

It is the intent of these specifications to describe the minimum requirements for Type I ambulance for Somerset Pulaski County EMS, Somerset-Pulaski County EMS.

1. The bid price shall be submitted to:
   Attn: Ambulance Bid
   Somerset Energy Center
   306 Mt. Vernon St.
   Somerset, KY 42501

2. Bid price shall not include any federal or state taxes.
3. Bidder shall furnish a separate letter, which will fully explain the conditions of warranty and or guarantee
4. Bidder shall submit complete manufacturer's specifications and descriptive literature for the unit that is being bid. Bidders must submit two digital and two paper copies.
5. Any deviations from the attached specifications shall be noted in writing by the bidder. When variations are not stated clearly, it will be understood the bidder proposed to meet all details of the specifications.

Any questions please call Chief Steven Eubank at (606) 678-5613 ext. 224.

1. Administrative Guidance
   1.1. The City of Somerset is inviting interested and qualified ambulance manufacturers to submit a proposal for the manufacture of a new commercially produced Type I newly construction or demo ambulance. This manufacture will be in accordance with the specifications and requirements listing within the request for proposal (RFP). Pending the identification of a qualified manufacturer and acceptance of proposal,
   1.2. Any information provided herein is intended to assist the bidder in the preparation of proposals necessary to properly respond to this RFP. The RFP is designed to provide qualified bidders with sufficient basic information to submit proposals meeting minimum specifications and test requirements but is not intended to limit a RFP's content or to exclude any relevant or essential data. Bidders are at liberty and are encouraged to expand upon the details, qualifications and proposals to give additional evidence of their ability to perform and provide a vehicle as described in this RFP.
   1.3. Each Bidder is required before submitting a proposal to be thoroughly familiar with the requirements and specifications listed in this RFP. Additional allowances will not be made due to bidder's lack of knowledge relating to the terms, conditions and specifications contained within this RFP. It is the responsibility of the bidder to determine if any component of this specification is unsafe or does not meet the required standards of applicable Kentucky State requirements and/or those of Federal Specifications. The bidder shall thoroughly explain any unsafe or poorly designed criteria contained within this RFP to the purchaser in the bid proposal. Many of the requirements in these specifications exceed federal designs. Copies of the latest edition of Federal KKK and testing must be included with the bid.
   1.4. Submission of Proposal
      1.4.1. Interested bidders are required to submit two (2) digital and two (2) paper copies of their proposal.
      1.4.2. Proposals shall be marked with the label "Attn: Ambulance Bid. If the proposals are sent by mail, the bidder shall be responsible for actual delivery of the proposals to the proper address.
      1.4.3. Questions arising to this RFP should be submitted in writing by mail, email or fax to:

Chief Steven Eubank
301 Hail Knob Rd.
Somerset, Kentucky 42503
Phone: (606) 678-5613 ext. 224
Fax: (606) 677-9855
Email: seubank@cityofsomerset.com

2. General Information and Conditions
   2.1. The RFP is designed for the specification, engineering, design, construction and delivery of an ambulance and is not the intention of the City to write out dealers or manufacturers of similar or equal equipment of the types specified. It should be noted that the specification is written around the defined and specified needs of the Somerset Pulaski County EMS. The acceptance of an RFP and the awarding of a contract will be given to the bidder which at the City's sole discretion, is both responsive and responsible and comes closest to meeting these specifications at the most competitive price.

2.2. The City of Somerset reserves the right to:

2.2.1. Increase the number of vehicles, equipment quantities and the configuration that is required and defined under this RFP. Other governmental agencies may join in a resultant award from this invitation to bid and may purchase off of the awarded bid if they so desire.

2.2.2. Waive any informalities, irregularities, and technicalities of procedure.

2.2.3. Require the bidder, prior to awarding this contract, to submit evidence of the manufacturer's qualifications as the City deems necessary, and consider any evidence available to it of the financial, technical, or other qualifications and abilities of the manufacturer, including past performance on contracts of this type with other agencies.

2.2.4. Reject any or all quotations and to select quotations based on the needs of the County. No quotation may be withdrawn for a period of sixty (60) days following the date of bid opening. No charges of any kind will be allowed unless specifically made part of your quotation and are specified in your response.

3. Minimum Requirements

3.1. Bidding and Proposals

3.1.1. Proposals will only be considered from manufacturers that have an established reputation in the field of ambulance construction and that have been building ambulances for a minimum of ten (10) years.

3.1.2. The bidder shall show the production of a minimum of 50 vehicles of the type, class, and chassis listed herein.

3.1.3. Proposals that allow the trade-in of the replaced ambulance and provide the highest values may be preferred over others.

3.2. Warranty

3.2.1. Vehicle

3.2.1.1. The successful bidder shall provide a 36 month/36,000-mile vehicle warranty which covers defective parts and or components of its manufacture, the improper choice of materials, parts and or components, improper design or engineering and poor or improper workmanship or quality control techniques. This warranty shall cover the complete vehicle and shall include any and all costs for labor and parts or materials that are required to correct any and all deficiencies. It is not the intent of this requirement that routine preventative maintenance items such as light bulbs, filters, tires, brake linings, windshield wiper blades, etc. be covered. A sample of this warranty shall be submitted with the bidder's proposal.

3.2.1.2. The chassis manufacturer shall provide a warranty of not less than 3 years or 36,000 miles on the engine, climate control systems, cooling system, starter, alternator, steering, axle, and power train components.

3.2.2. Modification

3.2.2.1. The manufacturer shall warranty the structural integrity of the modular body for a period of not less than 15 years. This warranty shall be in writing and shall be submitted with the bidder's proposal.

3.2.2.2. The manufacturer shall provide a conversion electrical system warranty, covering components of the electrical system, for the lifetime of the vehicle. It is not the intent that routine preventative maintenance items such as light bulbs, etc. be covered. A sample of the electrical system warranty shall be included with the bid proposal.

3.2.3.Paint

3.2.3.1. The manufacturer shall provide a paint warranty for not less than 10 years. This warranty will consist of 100% coverage throughout the 10-year period specifically related to faults of manufacturing or material quality (ex. paint quality, corrosion, electrolysis, etc.)

3.3. Inspection Trips (optional if Demo accepted)

3.3.1.Pre-Construction

3.3.1.1. There shall be a required pre-construction conference at the successful bidder's manufacturer's facility before any construction can begin. The pre-construction conference meeting shall be conducted at the "primary builder", of the apparatus. No meeting shall take place at the dealerships place of business. This is the only method that will be the only acceptable way to conduct the pre-construction meeting. No more than four (4) department personnel along with a representative or dealer of the successful bidder shall attend. At this meeting, all parties shall again go over the specifications to ensure that the apparatus is built to meet or exceed all requirements. After this meeting, the representative of the successful bidder shall present the department with detailed drawings and a work order to be used in the production of the apparatus being bid.

3.3.2.Mid-Point Inspection

3.3.2.1. There shall be a midpoint inspection trip at the factory of the successful bidder. The inspection trip shall consist of no more than four (4) members from the Department who shall inspect the progress of the apparatus to ensure compliance to all specifications.

3.3.3.Pre-Delivery

3.3.3.1. There shall be a pre-delivery inspection trip at the factory of the successful bidder. The inspection trip shall consist of no more than four (4) members from the department along with the representative of the successful bidder, to ensure compliance to all specifications. All expenses relating to the pre-construction, midpoint and final inspection trips shall be at the cost of the successful bidder and be at no cost to the Department. This is to include all meals and lodging while at the inspection along with travel allowances for fuel for any factory under 500 road miles from (bidding agency) and/or round trip coach air flight, for up to 4 representatives for any factory that is over 500 road miles from (bidding agency) facility.

3.4. Pre-Delivery Service

3.4.1. Bid prices must include all necessary dealer preparation applicable to new equipment prior to final delivery to the purchaser. The dealer shall provide and/or complete the following services:

3.4.1.1. Proposal Compliance - Inspect ambulance for compliance with proposal.

3.4.1.2. Fluid Levels - Inspect for correct capacities of the following: engine oil, coolant, power steering fluid, washer reservoir fluid, transmission fluid, rear end fluid.

3.4.1.3. Visual Inspection - Inspect tires and wheels for proper pressure and lug nut torque. Tighten any loose hardware and repair minor paint scratches or chips.

3.4.1.4. Check doors for correct adjustment.

3.4.1.5. Electrical Inspection - Operate all lights, sirens, and other electrical accessories.

3.4.1.6. Road Test - Run a road test operating all electrical loads for several minutes.

3.4.1.7. Fuel Tank - Fuel tank shall be filled prior to final delivery.

3.4.1.8. Cleaning / Detailing - The ambulance shall be thoroughly washed and detailed at the dealership prior to final delivery. This includes removal of any metal shavings.

3.5. Delivery

3.5.1. The vehicle and its equipment maybe accepted at the pre-delivery inspection, if not accepted at the pre-delivery inspection it would then be delivered to the Somerset Pulaski County EMS. The vehicle will not be scheduled for delivery prior to authorization by the City. Delivery must be by the manufacturer's/dealer's employee or arranged commercial carrier. Transporter must carry full insurance equivalent to industry acceptable standard amounts providing coverage for the employee and the vehicle.

3.6. Service

3.6.1. Extended Service

3.6.1.1. For any extended service within the primary or extended warranty period, where the ambulance is located at the ambulance manufacturer's service center, the manufacturer must provide a loaner ambulance free of charge for use during the extended service period.

4. Vehicle Requirements and Specification

4.1. General Design and Requirements (bidder will provide a detailed summary of all chassis specifications, options and modifications).

4.1.1. Type I Ambulance with pass through

4.1.2. The City of Somerset and Management Staff of Somerset-Pulaski Co. EMS request that the bidder provide details for each of the following chassis manufactures, that the bidder may use to manufacture this Type I Ambulance. The City requests that the bidder provide a summary cost at the end for each chassis that the bidder may use to manufacture this Type1Ambulance. (If a bidder uses another chassis type please provide info)

Chassis	Make	Fuel Type	Wheelbase	Payload	Ambulance Cost
Ford F350					
Ford F450					

Chevy 3500 HD					
Dodge 3500					
Dodge 4500					
Freightliner 3500					

4.1.3.Preference to diesel engine
4.1.4.Dual rear wheels
4.1.5. Ambulance preparation package if equipped by manufacture
4.1.6. Larger displacement/horsepower engine option (if offered by chassis manufacturer)
4.1.7. Engine block heater activated/operated by shore power
4.1.8. 4-wheel ABS, 4-wheel disc brakes
4.1.9. Seat belt warning system
4.1.10. Automatic transmission
4.1.11. Full width, aerodynamic, chrome plated steel bumper
4.1.12. Front and rear sway bars
4.1.13. Forged polished aluminum wheels (front and rear) or simulated cover
4.1.14. Central locking system with remote keyless entry (both cab and module) – A hidden power unlock switch shall be installed in the grill area or at the rear of vehicle
4.1.15. Backup camera system
4.1.16. Alternator must discharge a minimum of 320 amps
4.1.17. Horizontal exhaust discharge forward of driver's side rear axle
4.1.18. Paint match to current apparatus OEM White (Demo Negotiable)
4.1.19. Block heater receptacle socket
4.1.20. Liquid Springs suspension – on Truck and Chassis' above load height
4.1.21. Auxiliary air conditioning system for patient compartment
4.1.22. Mirrors powered
4.1.23. Install custom document/binder holder in cab between seats (specs to be determined at prebuild)
4.1.24. Summer switch for block heater
4.1.25. Vehicle top speed will be governed to not exceed 80 miles per hour

4.2. Chassis Interior
4.2.1. Cab signs "NO SMOKING OXYGEN EQUIPPED" and "FASTEN SEATBELTS"

4.3. Chassis Exterior
4.3.1. Sound proofing and rust prevention undercoating

4.4. Electrical System
4.4.1. Inverter/Battery charger (Vanner Lifestar 20-1050CUL-DC w/rem or equivalent) with optional 55-amp battery charger. The inverter shall be equipped with an automatic transfer relay which disconnects the inverter when the shore power is applied.
4.4.2. Multiplexed electrical system or printed circuit board
4.4.3. Electrical system (front and rear) with selectable switch/buttons either by switch or touch screen

4.4.4. Portable equipment charging circuits
4.4.5. Rear module disconnects switching
4.4.6. Shoreline power plug (Kussmaul 30 Amp Auto disconnect) mounted driver side (exact location to be determined at pre-build)
4.4.7. Three (3) 125 Volt AC outlets in module interior (exact location to be determined at pre-build)
4.4.8. One (1) 12 Volt outlet in module interior
4.4.9. One (1) Dual USB Plug in module interior
4.4.10. Dielectric grease used on all wiring connections

4.5. Audio Warning Devices
4.5.1. Primary Siren – Whelen 295SL100 or equivalent with dual CPI front bumper mounted siren speakers (actual location determined at pre-build conference)
4.5.2. Secondary Siren – Whelen Howler or equivalent low frequency warning system

4.6. Visual Warning Devices
4.6.1. LED lighting package

4.7. Body Design and Construction Components
4.7.1. Body size 150” L (minimum) x 96” W
4.7.2. Aluminum body, .125” skin minimum, welded seam construction
4.7.3. Maximum emphasis upon safety with design/construction
4.7.4. Options of sliding patient compartment entry door will be considered
4.7.5. Eberhard “free floating” latches or equivalent for all exterior body compartment doors
4.7.6. Nylon and epoxy-based electrolysis barriers used between all dissimilar metals (ex. stainless steel and aluminum) used in frame rails, hinges, door handles, lighting, etc.
4.7.7. Sound deadening insulation applied between walls, floors, and underbody
4.7.8. Interior noise levels should not exceed 80 decibels when vehicle in operation
4.7.9. Floor reinforcement for Stryker cot performance/power loading system
4.7.10. Body Design to be discussed after bid and drawing submitted
4.7.11. Bumper, rear with 7" Diamondback flip-up step or equivalent
4.7.12. Assist handle - exterior adjacent to side entry door (exact location/size/material determined at pre-build)

4.8. Rear Body Patient Entry Doors
4.8.1. Rear entry doors, 50" W x 63" H, dual handles
4.8.2. Door panel, rear entry doors, three-piece aluminum (match cabinets) & stainless
4.8.3. Assist handle, rear entry, 1.25" x 45 degree brushed

4.9. Windows
4.9.1. Sliding window, side entry door
4.9.2. Fixed windows, rear entry doors

4.10. Exterior Compartment Components
4.10.1. Exterior compartments with "Sweep Out" design
4.10.2. Exterior compartments, gas charged door hold opens
4.10.3. Exterior O2 vent - on O2 compartment door

4.10.4. Exterior Compartments, Lok-Tyle floor &shelves
4.10.5. Rear Door Grabbers, CPI"Grabber" at bottom of door, Grabbers can accommodate up to a 145-degree angle
4.10.6. Door seals, automotive closed cell gasket or equivalent
4.10.7. Stainless Steel Door Sills - All Exterior Compartments
4.10.8. Exterior Compartment Lights, LED
4.10.9. O2 Tank Mount, Zico #QR-MV Bracket or equivalent - "M" & Misc in oxygen compartment
4.10.10. Shelves and dividers mounted according to current diagrams

4.11. Interior Patient Compartment Components
4.11.1. Aluminum cabinets, welded construction and mounting preferred (wood construction may be considered)
4.11.2. Interior cabinet sizes determine at prebuild
4.11.3. Smoked acrylic cabinet glass
4.11.4. Latches for all flip up cabinet doors
4.11.5. Cleanout latches for all sliding cabinet doors
4.11.6. Exhaust fan
4.11.7. Solid surface countertop
4.11.8. Portable oxygen bottle storage with mounts determined on pre-build
4.11.9. IV holders, four (4) Cast Products #2008-1, ceiling mounted (exact location to be determined at pre-build)
4.11.10. Type 1 Cab/Body pass through with sliding window
4.11.11. ALS cabinet to have three shelves on uni-strut
4.11.12. ALS cabinet to have a minimum of 1 (1) 125 Volt outlets (exact location to be determined at pre-build)
4.11.13. IV solution warmer (exact location to be determined at pre-build)
4.11.14. Cot mount, Stryker Performance Load or Power Load single position, with charging capabilities, center floor mount, mounted according to Stryker specification.
4.11.15. Ceiling handrails, stainless brushed, standard full length

4.12. Interior Color Selection
4.12.1. Cabinetry – grey
4.12.2. Upholstery - EVS Brand Gunmetal #MV102&#CN202 Brown/Gr or equivalent (match current units)
4.12.3. Countertop (exact color specification to be determined)
4.12.4. Flooring - Midnight #443TX, LonPlate II (Black) or equivalent

4.13. Patient Compartment Seating
4.13.1. Attendant seat - EVS1880 HiBac Child Safe - 2-pos swivel or equivalent with seatbelt attachment indicator and sensor
4.13.2. CPR seat with fold down backrest
4.13.3. Squad bench with storage beneath and backrest

4.14. Medical Oxygen and Environmental Systems

4.14.1. Oxygen system, 3000 liters minimum
4.14.2. Oxygen compartment interior access with hinged view window
4.14.3. Ohio style oxygen outlets
4.14.4. Oxygen outlets, three (3) - one (1) action area, one (1) squad bench, one (1) ceiling
4.14.5. Oxygen flowmeter, gravity type, one (1)
4.14.6. Oxygen flowmeter, dial type, one (1)
4.14.7. Weldon Vista (or equivalent) internal digital O2 content gauge. (Window to Oxygen compartment to view manual gauge will suffice)
4.14.8. Oxygen shut-off, electric solenoid with manual bypass
4.14.9. Ducted HVAC through ceiling along length of patient compartment
4.14.10. Digital thermostat operating HVAC system

4.15. Communication and Loose Equipment
4.15.1. Radio antenna pre-wire, Dual Head UHF radio, power, ground & coax (exact locations determined at prebuild)
4.15.2. Radio antenna pre-wire, VHF radio, power, ground &coax (exact locations determined at prebuild)
4.15.3. DOT triangles, ship loose
4.15.4. (2) 5lb Fire Extinguisher
4.15.5. (2) Streamlight LED
4.15.6. Vehicle operator's manual, hard cover binder
4.15.7. New vehicle owner's manual
4.15.8. Electrical schematics

4.16. Paint and Graphics
4.16.1. Body surface preparation with corrosion inhibitor
4.16.2. Body paint color, single color, OEM White, Demo negotiable
4.16.3. Perimeter safety stripe and graphics, reflective, match current configuration, (exact height to be determined at pre-build)
4.16.4. Unit number to be “EC-4”, unit number decals to match current configuration (exact sizes determined at pre-build)

Any numeric that you the bidder uses a different item than listed, please provide that info typed on a sheet labeled “BID SPEC DIFFERENCES”. May sure to reference the numeric listed for that item.

5. DEMO Ambulance

5.1. If submitting bid using a demo please provide info of Chassis, Warranty on Ambulance and Chassis, and any items different than listed through this bid spec. This info should be submitted typed on a sheet labeled “Ambulance Bid DEMO”. May sure to note the corresponding numeric listed in this bid spec.